

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036197.D
 Acq On : 16 Jun 2023 21:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 01:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	141476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143004	55.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.620%			
35) Dibromofluoromethane	5.385	113	96462	52.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.647	98	311907	46.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.520%			
62) 4-Bromofluorobenzene	11.079	95	125652	46.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68047	39.185	ug/l	98
3) Chloromethane	1.294	50	97923	53.297	ug/l	98
4) Vinyl Chloride	1.374	62	81986	46.841	ug/l	100
5) Bromomethane	1.618	94	58598	54.462	ug/l	99
6) Chloroethane	1.691	64	61645	54.431	ug/l	97
7) Trichlorofluoromethane	1.886	101	120261	42.456	ug/l	100
8) Diethyl Ether	2.130	74	63266	60.007	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	67860	42.009	ug/l	99
10) Methyl Iodide	2.453	142	101722	61.072	ug/l	98
11) Tert butyl alcohol	2.989	59	112130	283.692	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	72604	47.531	ug/l	98
13) Acrolein	2.239	56	115307	262.697	ug/l	100
14) Allyl chloride	2.666	41	171409	55.459	ug/l	99
15) Acrylonitrile	3.062	53	307451	304.074	ug/l	99
16) Acetone	2.386	43	294962	274.602	ug/l	98
17) Carbon Disulfide	2.514	76	182470	48.328	ug/l	99
18) Methyl Acetate	2.703	43	242489	59.523	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	360704	60.321	ug/l	97
20) Methylene Chloride	2.788	84	106726	54.840	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	88219	51.980	ug/l	98
22) Diisopropyl ether	3.757	45	364054	59.192	ug/l	95
23) Vinyl Acetate	3.721	43	1364158	312.947	ug/l	100
24) 1,1-Dichloroethane	3.611	63	187587	55.203	ug/l	98
25) 2-Butanone	4.562	43	452047	300.607	ug/l	99
26) 2,2-Dichloropropane	4.477	77	123255	46.642	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	110547	56.962	ug/l	100
28) Bromochloromethane	4.897	49	93843	52.976	ug/l	99
29) Tetrahydrofuran	5.007	42	292769	306.543	ug/l	99
30) Chloroform	5.093	83	200272	55.960	ug/l	100
31) Cyclohexane	5.471	56	115349	41.589	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	152062	50.116	ug/l	100
36) 1,1-Dichloropropene	5.696	75	115428	42.510	ug/l	100
37) Ethyl Acetate	4.715	43	174563	55.179	ug/l	99
38) Carbon Tetrachloride	5.678	117	115944	43.925	ug/l	99
39) Methylcyclohexane	7.379	83	116251	39.752	ug/l	97
40) Benzene	6.037	78	384382	50.339	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	101011	57.914	ug/l	98
42) 1,2-Dichloroethane	6.086	62	186460	54.205	ug/l	99
43) Isopropyl Acetate	6.336	43	278804	57.587	ug/l	99
44) Trichloroethene	7.123	130	88472	46.366	ug/l	97
45) 1,2-Dichloropropane	7.427	63	108437	53.416	ug/l	99
46) Dibromomethane	7.580	93	79886	55.240	ug/l	98
47) Bromodichloromethane	7.824	83	151277	54.487	ug/l	96
48) Methyl methacrylate	7.690	41	142483	57.362	ug/l	100
49) 1,4-Dioxane	7.702	88	51940	1248.913	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	884535	289.345	ug/l	99
52) Toluene	8.720	92	229787	48.065	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	160392	56.086	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	169567	55.293	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	110073	55.772	ug/l	99
56) Ethyl methacrylate	9.116	69	174739	58.611	ug/l	96
57) 1,3-Dichloropropane	9.305	76	191880	54.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	464469	282.655	ug/l	100
59) 2-Hexanone	9.427	43	676475	297.650	ug/l	99
60) Dibromochloromethane	9.519	129	108475	56.311	ug/l	99
61) 1,2-Dibromoethane	9.610	107	116584	56.654	ug/l	100
64) Tetrachloroethene	9.275	164	67842	44.163	ug/l	98
65) Chlorobenzene	10.079	112	249526	48.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	96135	54.449	ug/l	100
67) Ethyl Benzene	10.195	91	419930	45.957	ug/l	99
68) m/p-Xylenes	10.299	106	319556	92.694	ug/l	97
69) o-Xylene	10.640	106	164669	48.414	ug/l	97
70) Styrene	10.653	104	286143	50.490	ug/l	100
71) Bromoform	10.799	173	73136	60.168	ug/l #	100
73) Isopropylbenzene	10.963	105	399872	43.992	ug/l	99
74) N-amyl acetate	10.842	43	235720	57.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	177802	57.127	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	148746m	51.164	ug/l	
77) Bromobenzene	11.195	156	105071	49.337	ug/l	97
78) n-propylbenzene	11.305	91	463662	43.361	ug/l	99
79) 2-Chlorotoluene	11.366	91	303223	45.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	356053	46.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46213	55.638	ug/l	97
82) 4-Chlorotoluene	11.451	91	352389	44.968	ug/l	99
83) tert-Butylbenzene	11.713	119	337782	45.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	366372	47.456	ug/l	99
85) sec-Butylbenzene	11.890	105	405627	44.272	ug/l	100
86) p-Isopropyltoluene	12.006	119	352762	45.763	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	192243	47.334	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	195735	47.050	ug/l	99
89) n-Butylbenzene	12.329	91	301308	43.799	ug/l	100
90) Hexachloroethane	12.536	117	54518	45.088	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	202002	50.677	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38307	55.801	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	112888	49.960	ug/l	98
94) Hexachlorobutadiene	13.725	225	39621	44.356	ug/l	97
95) Naphthalene	13.774	128	453998	58.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115800	51.107	ug/l	97

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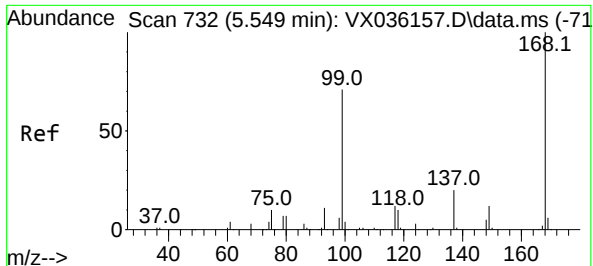
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



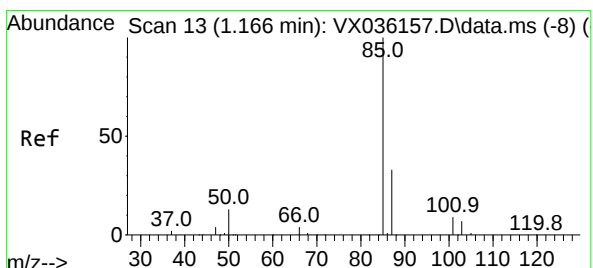
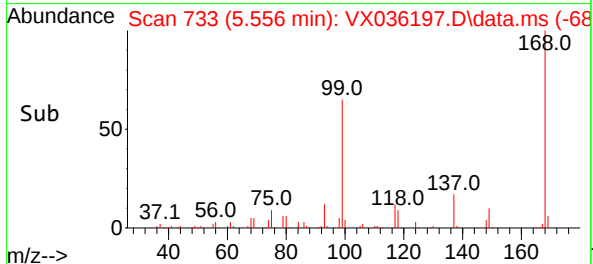
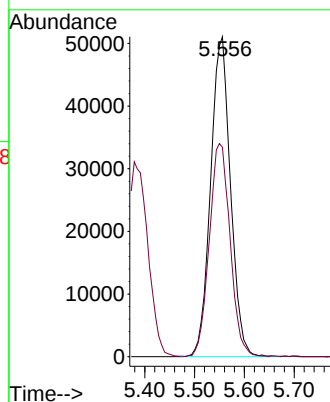
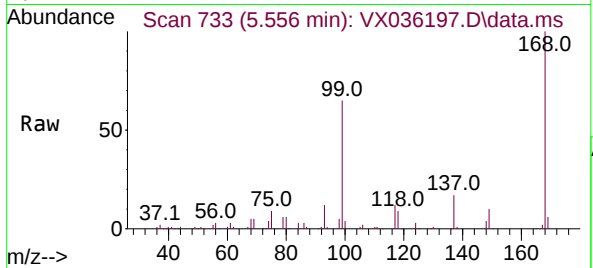
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036197.D
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ClientSampleId :
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Tgt Ion:168 Resp: 141470
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0

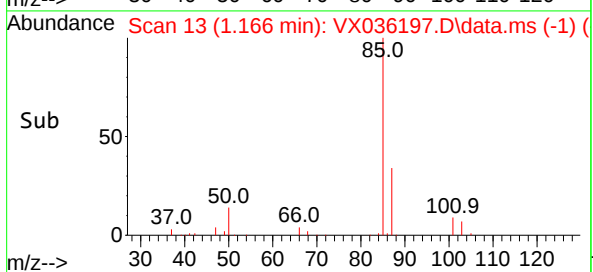
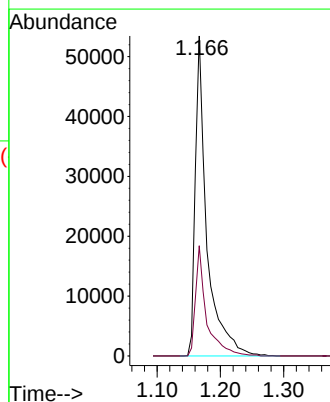
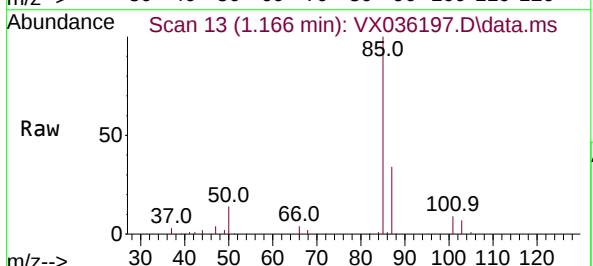
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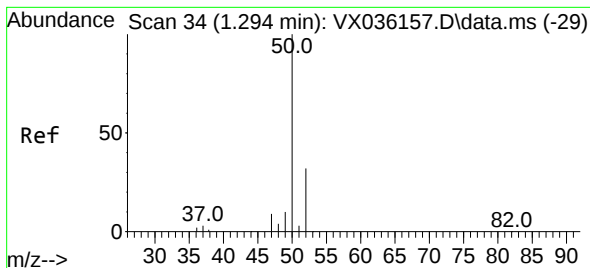
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 39.185 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 85 Resp: 68047
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.1





#3

Chloromethane

Concen: 53.297 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 9792

Ion Ratio Lower Upper

50 100

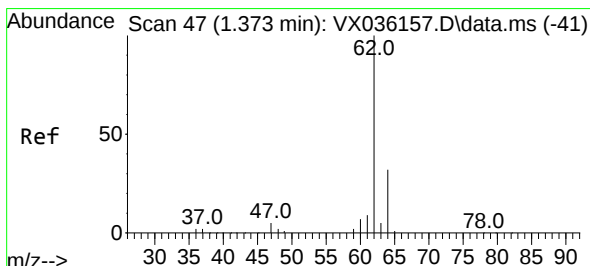
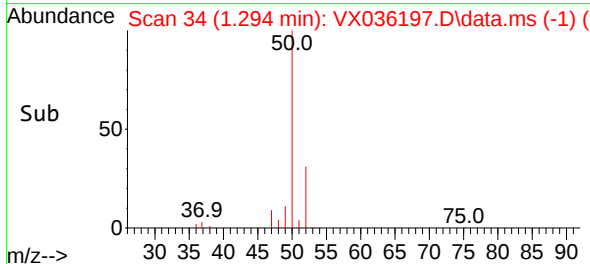
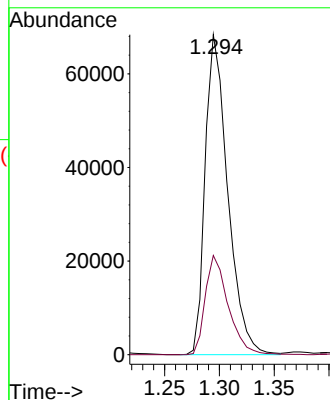
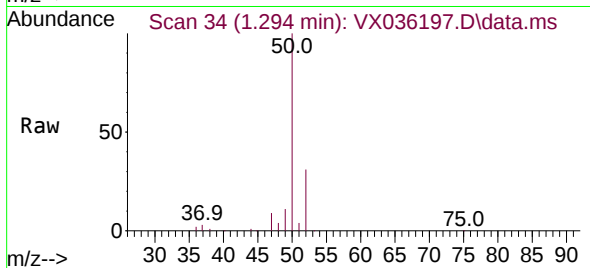
52 31.0 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.841 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036197.D

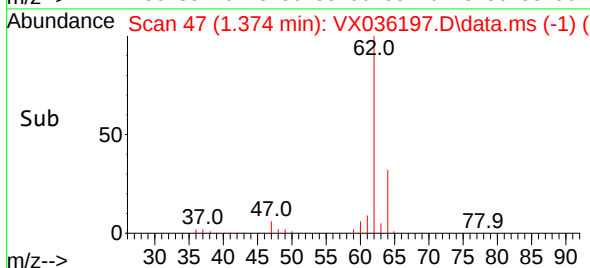
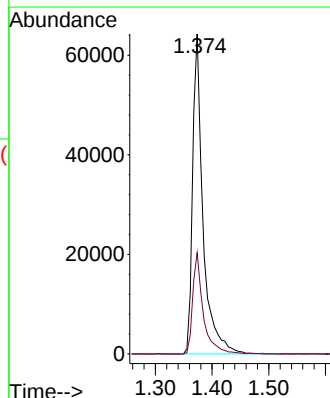
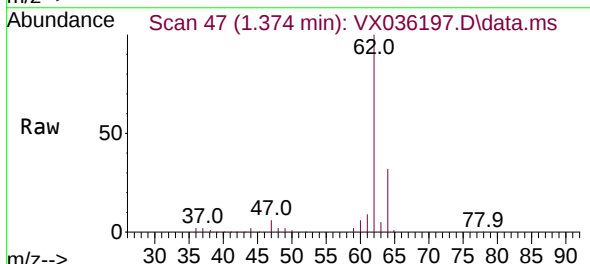
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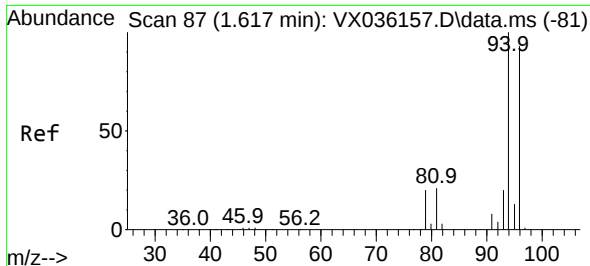
Tgt Ion: 62 Resp: 81986

Ion Ratio Lower Upper

62 100

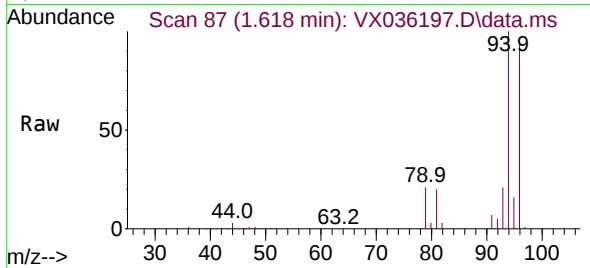
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 54.462 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036197.D
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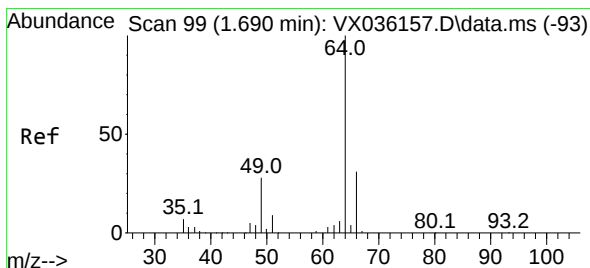
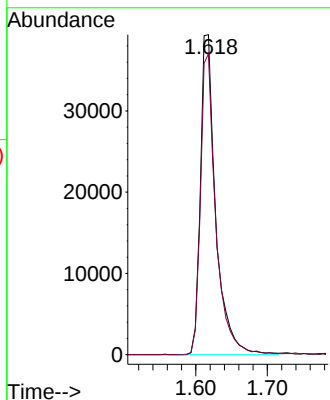
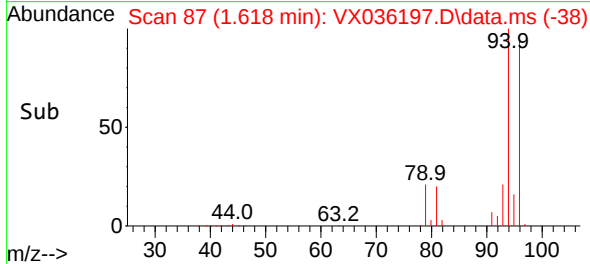
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Tgt Ion: 94 Resp: 58598
Ion Ratio Lower Upper
94 100
96 94.0 74.6 111.8

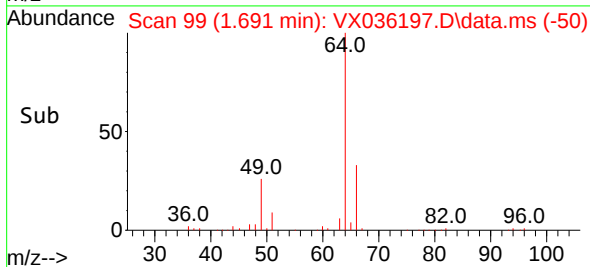
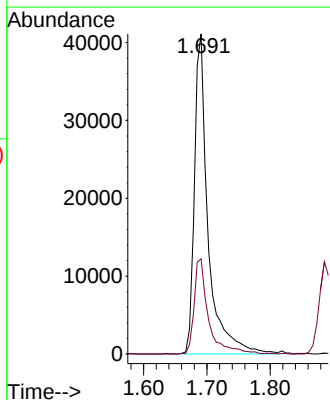
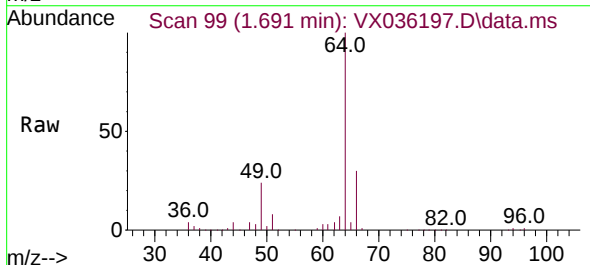
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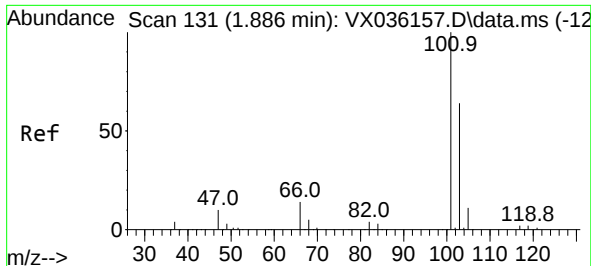
Reviewed By :John Carlone 06/19/2023
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#6
Chloroethane
Concen: 54.431 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036197.D
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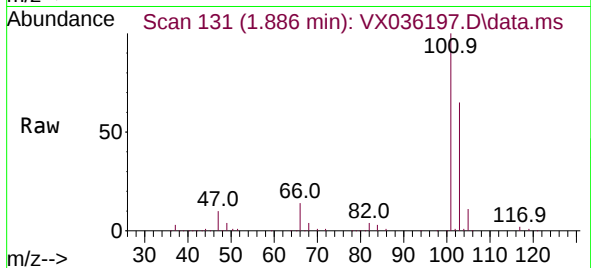
Tgt Ion: 64 Resp: 61645
Ion Ratio Lower Upper
64 100
66 29.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 42.456 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036197.D
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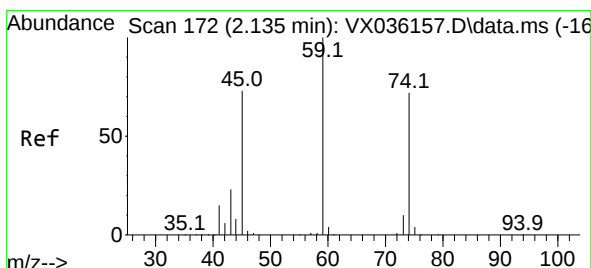
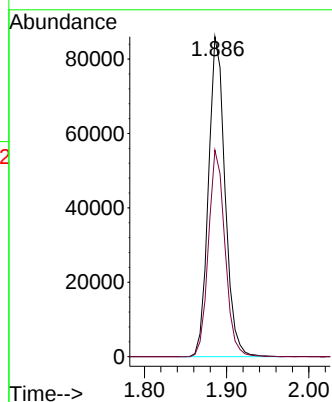
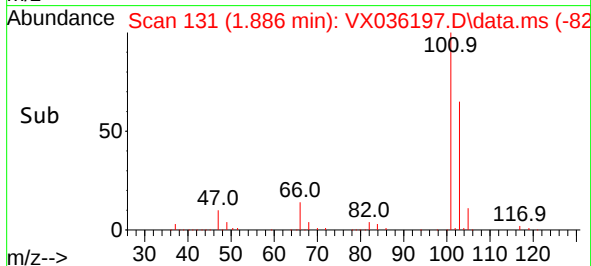
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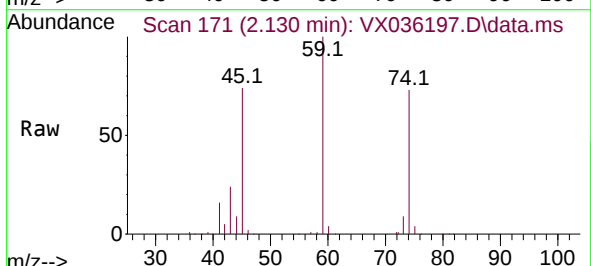
Tgt Ion:101 Resp: 12026
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

Manual Integrations
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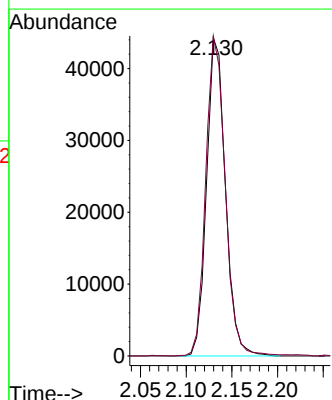
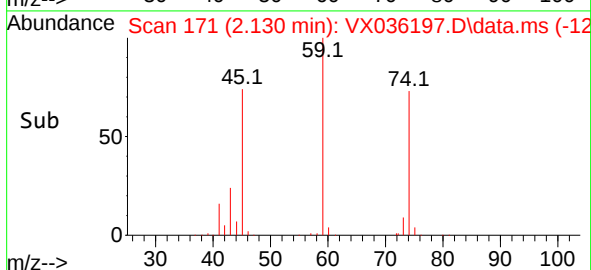
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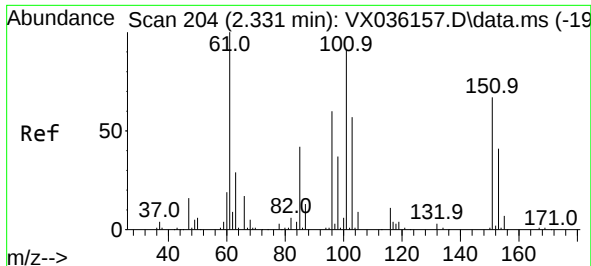


#8
Diethyl Ether
Concen: 60.007 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 63266
Ion Ratio Lower Upper
74 100
45 103.9 53.3 159.8





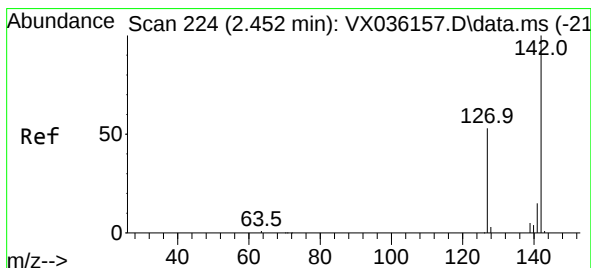
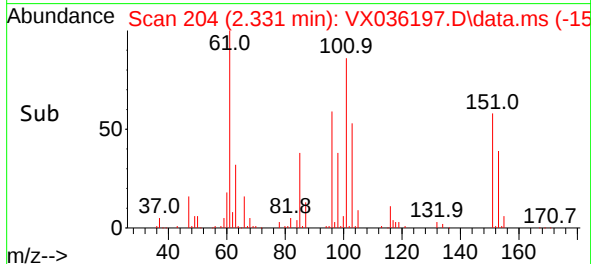
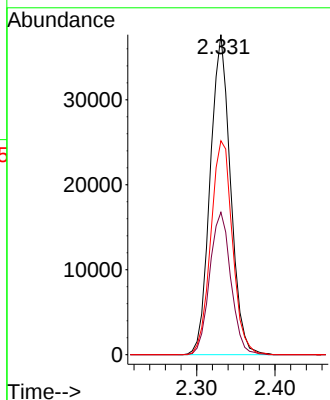
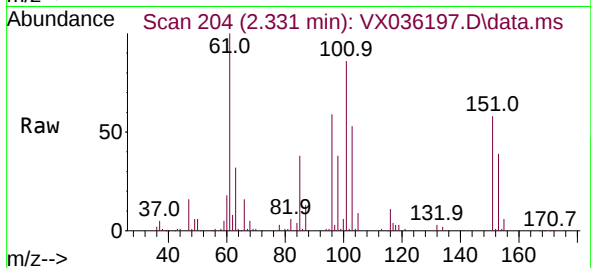
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.009 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 67860
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 71.3 58.6 87.8

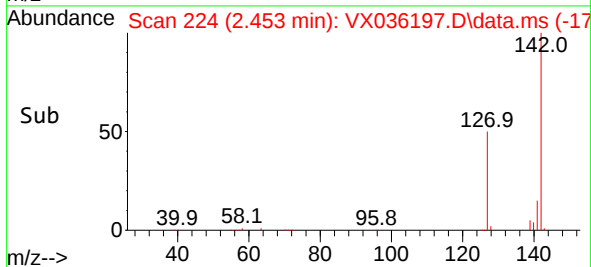
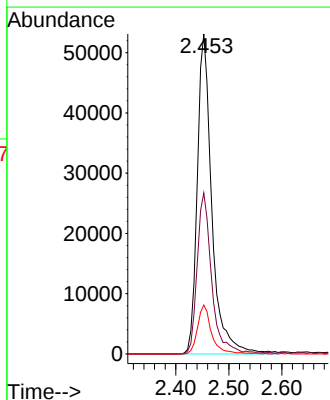
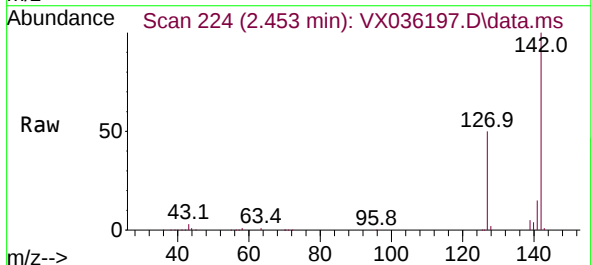
Manual Integrations
APPROVED

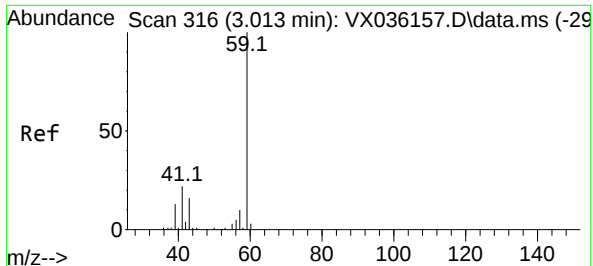
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 61.072 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:142 Resp: 101722
Ion Ratio Lower Upper
142 100
127 50.4 41.6 62.4
141 14.8 11.6 17.4





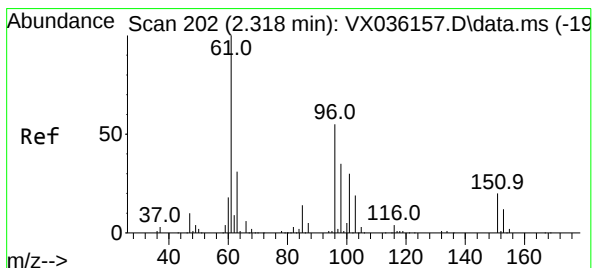
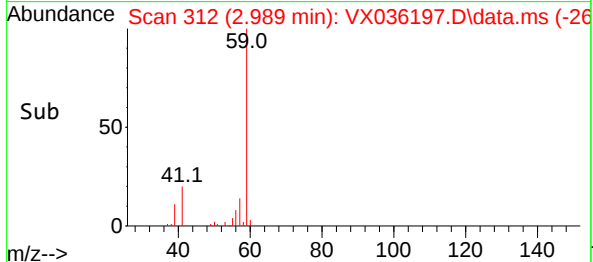
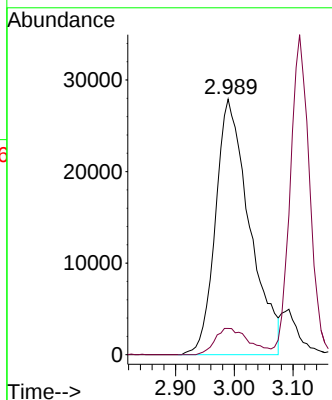
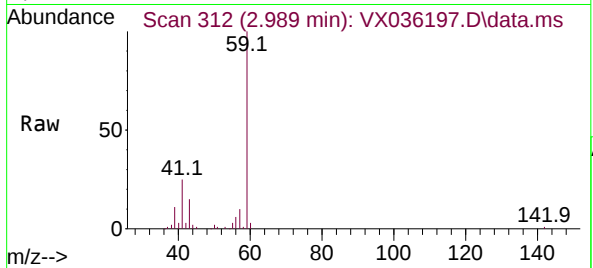
#11
Tert butyl alcohol
Concen: 283.692 ug/l
RT: 2.989 min Scan# 316
Delta R.T. -0.024 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 112130
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

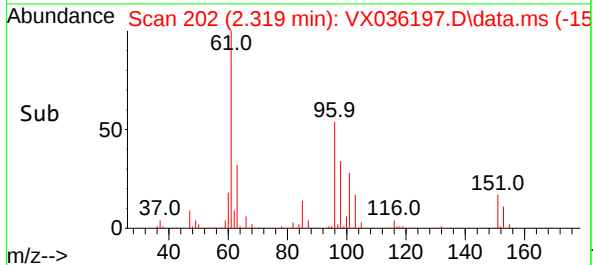
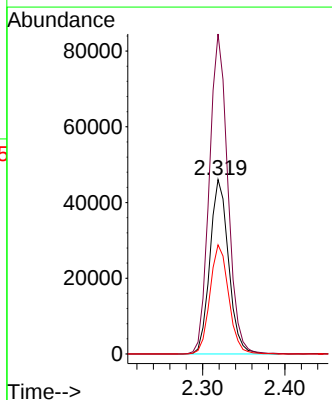
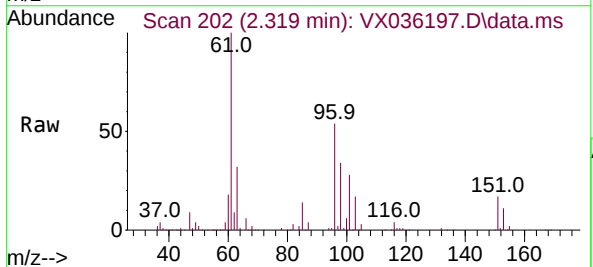
Manual Integrations
APPROVED

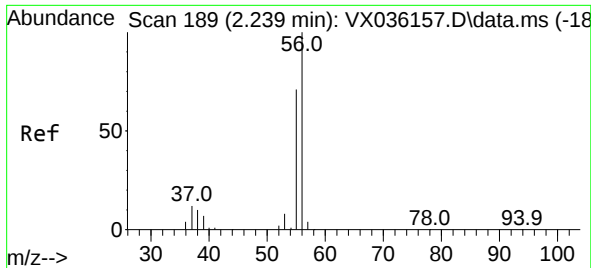
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 47.531 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

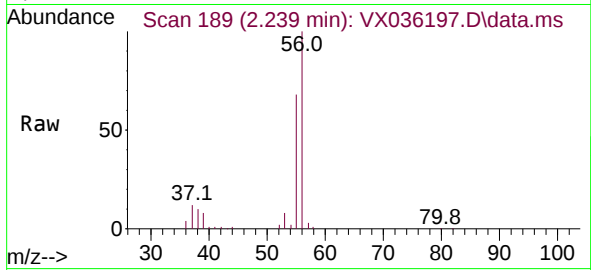
Tgt Ion: 96 Resp: 72604
Ion Ratio Lower Upper
96 100
61 183.5 144.6 216.8
98 62.6 50.4 75.6





#13
Acrolein
Concen: 262.697 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

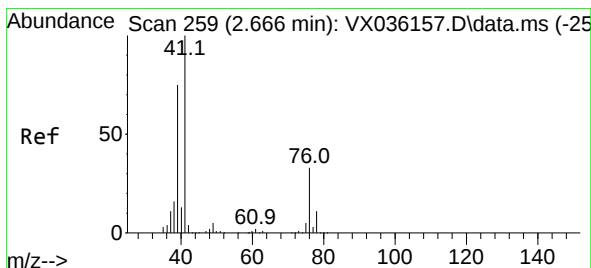
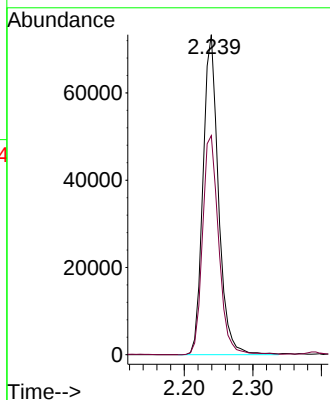
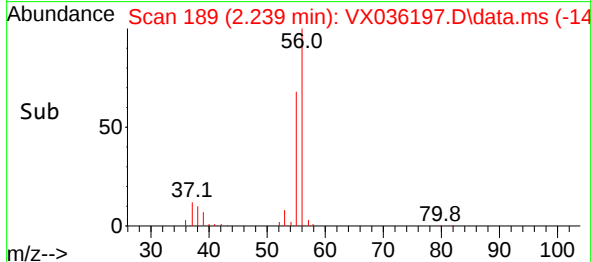
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11530
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

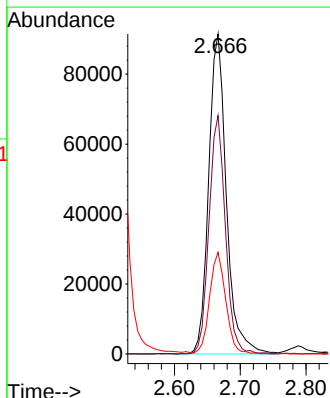
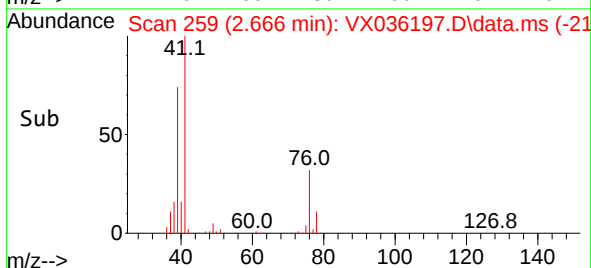
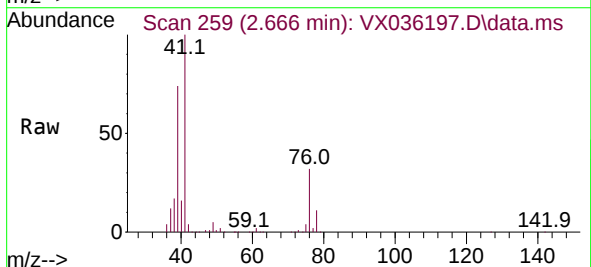
Manual Integrations
APPROVED

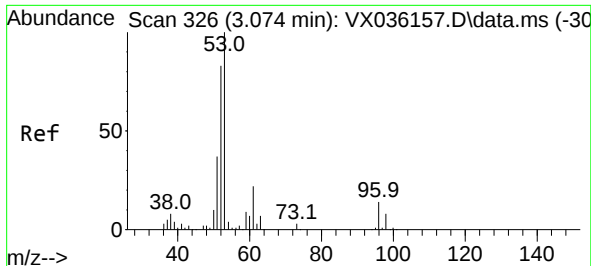
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#14
Allyl chloride
Concen: 55.459 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

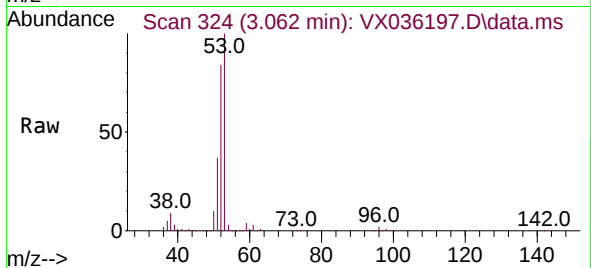
Tgt Ion: 41 Resp: 171409
Ion Ratio Lower Upper
41 100
39 69.2 55.8 83.6
76 29.0 24.3 36.5





#15
Acrylonitrile
Concen: 304.074 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

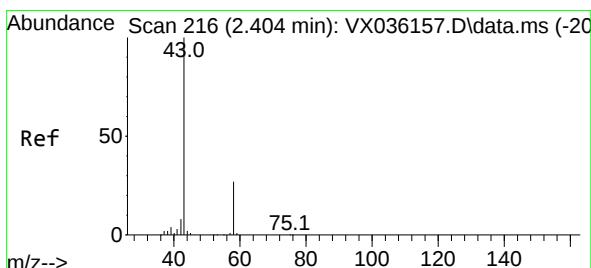
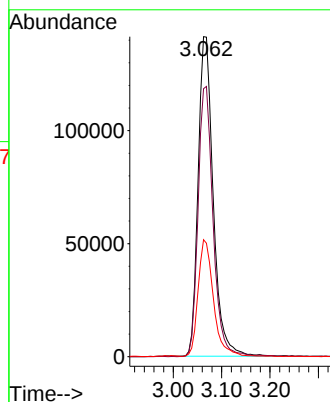
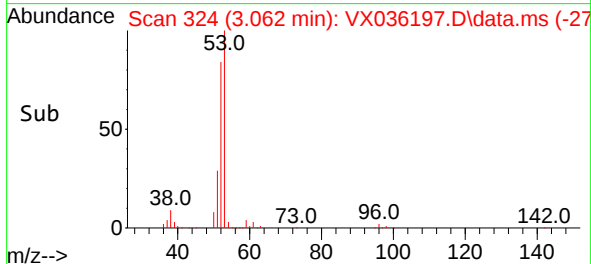
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 30745
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 37.3 29.8 44.6

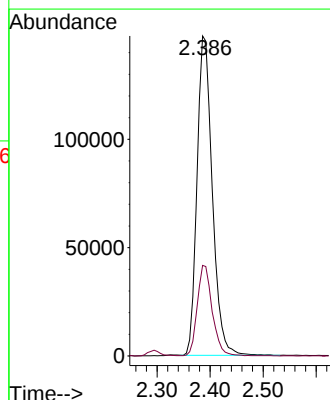
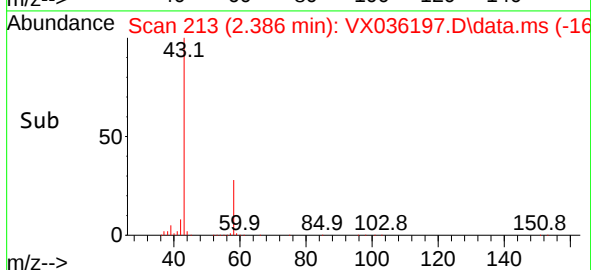
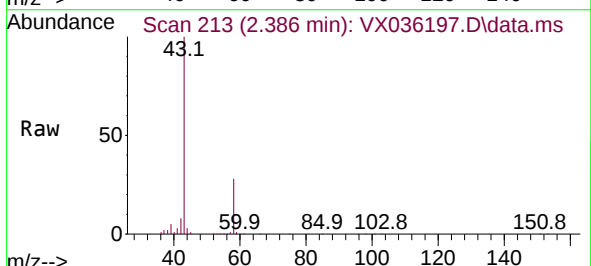
Manual Integrations
APPROVED

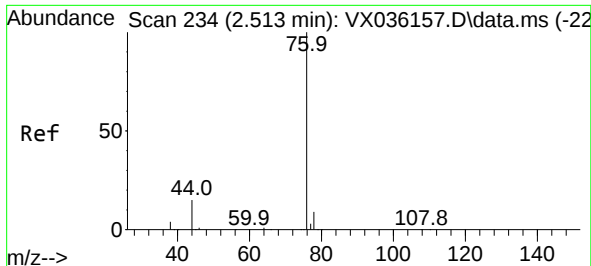
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 274.602 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 43 Resp: 294962
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





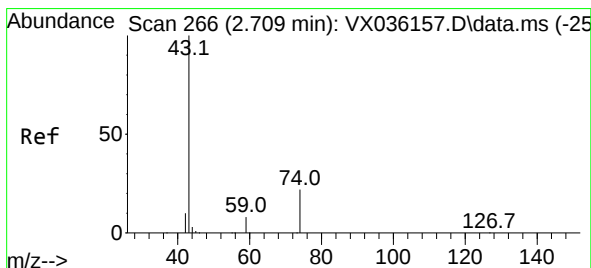
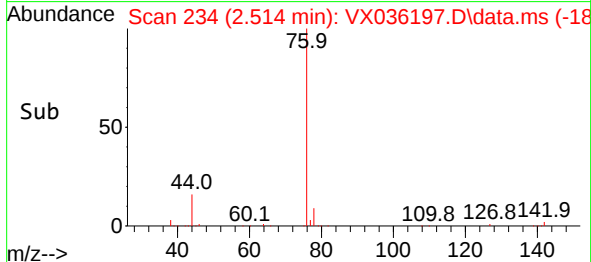
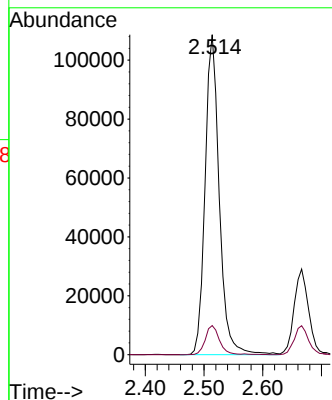
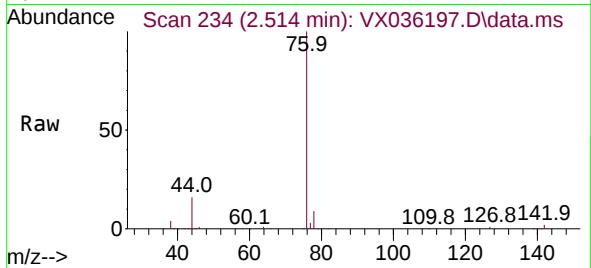
#17
Carbon Disulfide
Concen: 48.328 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 182470
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

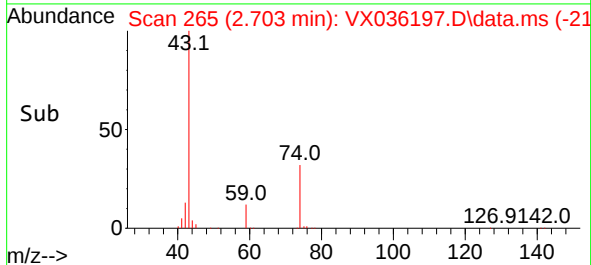
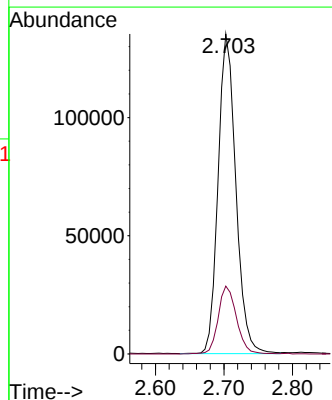
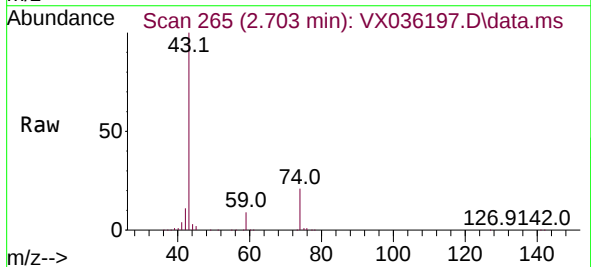
Manual Integrations
APPROVED

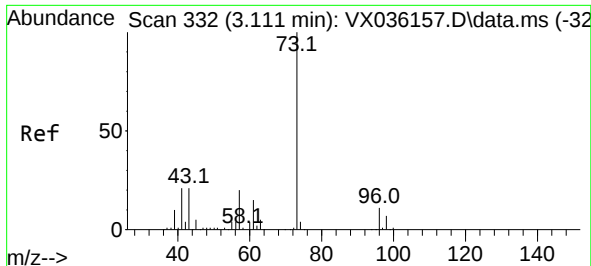
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 59.523 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 43 Resp: 242489
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8





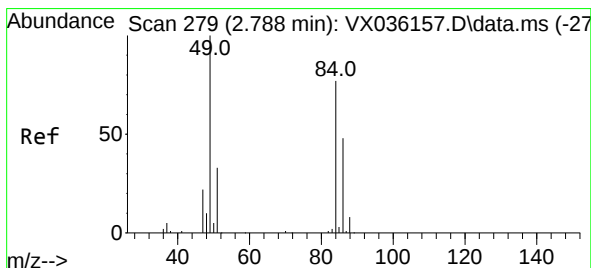
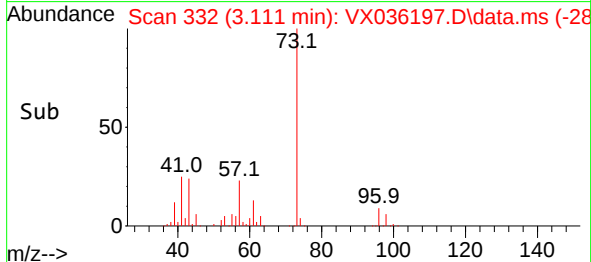
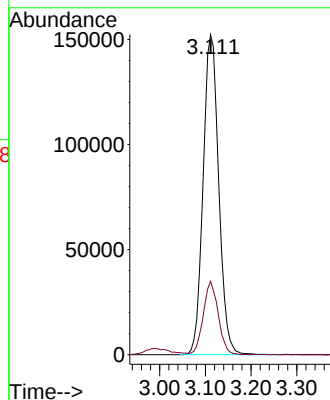
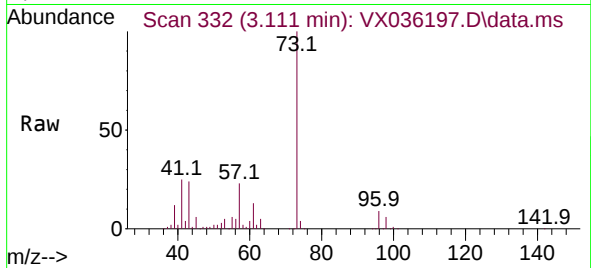
#19
Methyl tert-butyl Ether
Concen: 60.321 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 360704
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

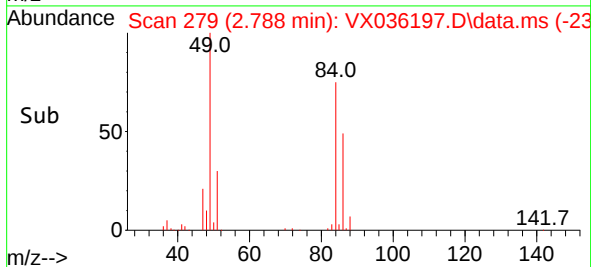
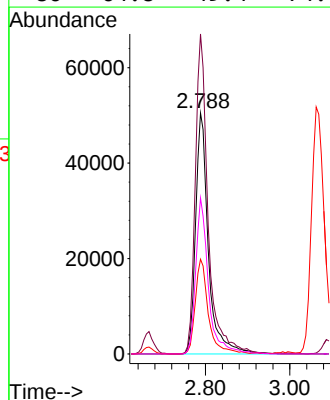
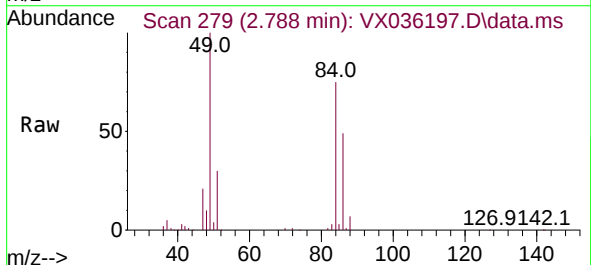
Manual Integrations
APPROVED

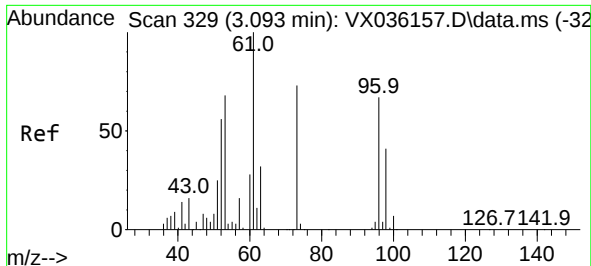
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 54.840 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 84 Resp: 106726
Ion Ratio Lower Upper
84 100
49 132.8 103.6 155.4
51 39.3 33.8 50.6
86 64.8 49.4 74.0





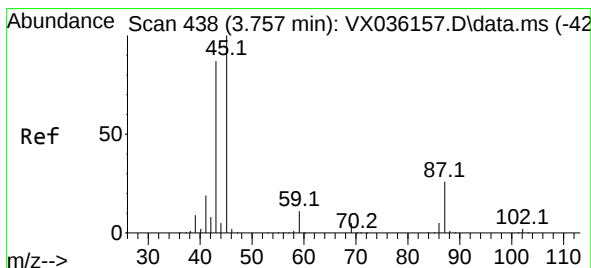
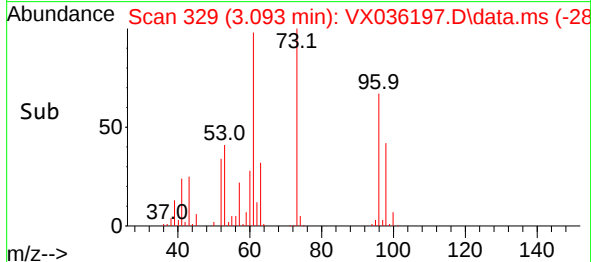
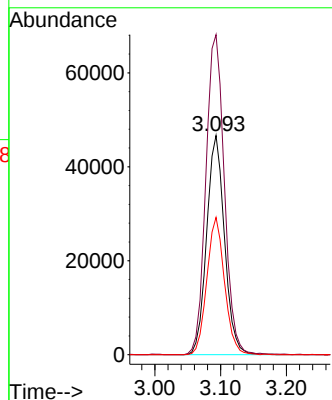
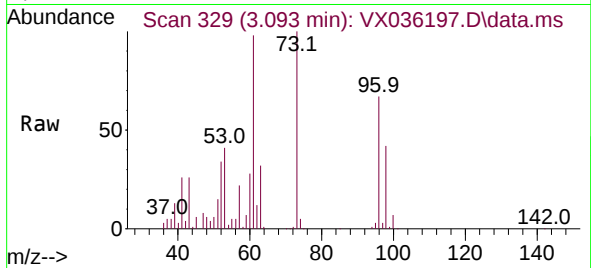
#21
trans-1,2-Dichloroethene
Concen: 51.980 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 88219
Ion Ratio Lower Upper
96 100
61 146.0 119.2 178.8
98 62.7 48.7 73.1

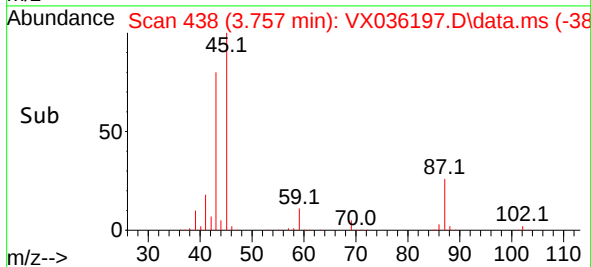
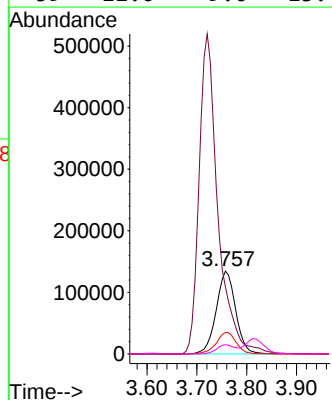
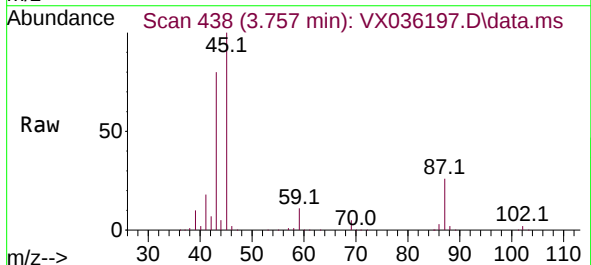
Manual Integrations
APPROVED

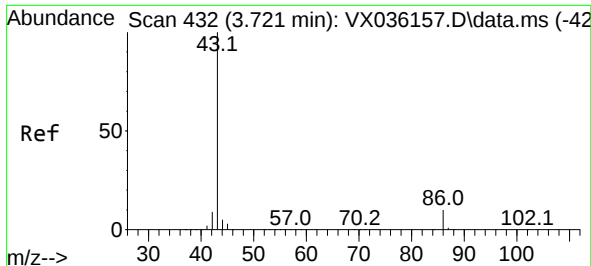
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#22
Diisopropyl ether
Concen: 59.192 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

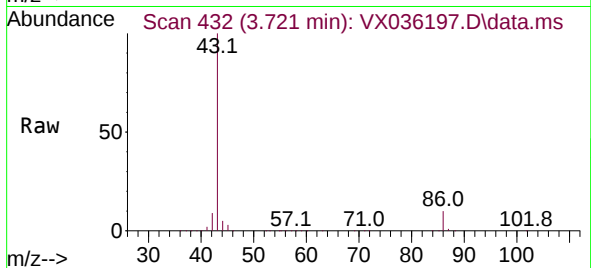
Tgt Ion: 45 Resp: 364054
Ion Ratio Lower Upper
45 100
43 80.4 69.7 104.5
87 25.9 20.8 31.2
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 312.947 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036197.D
 Acq: 16 Jun 2023 21:55

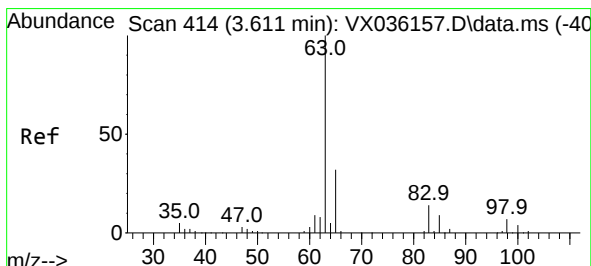
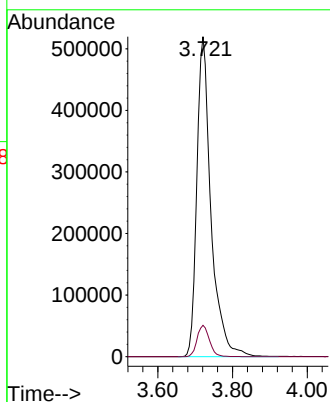
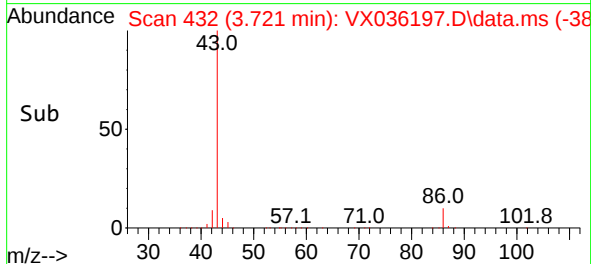
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



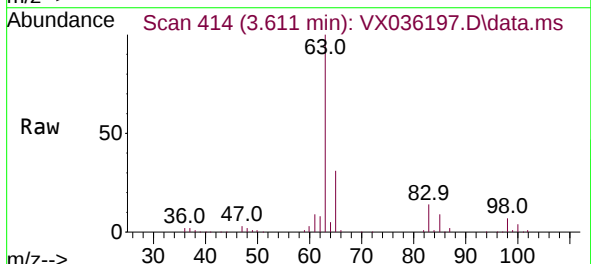
Tgt Ion: 43 Resp: 1364158
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

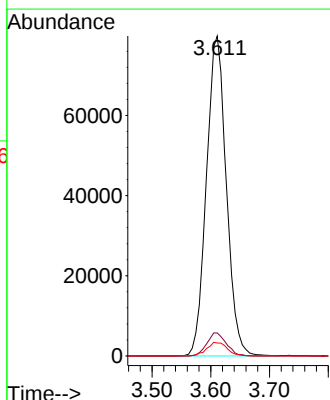
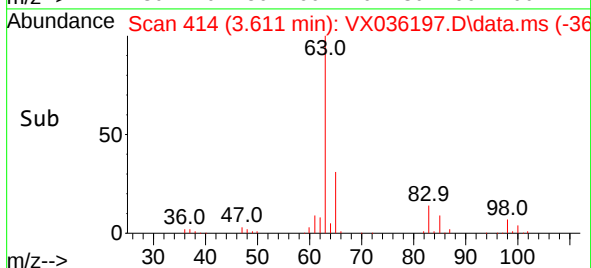
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

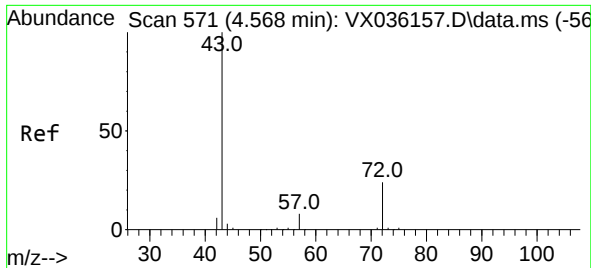


#24
 1,1-Dichloroethane
 Concen: 55.203 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036197.D
 Acq: 16 Jun 2023 21:55



Tgt Ion: 63 Resp: 187587
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.1 2.1 6.5





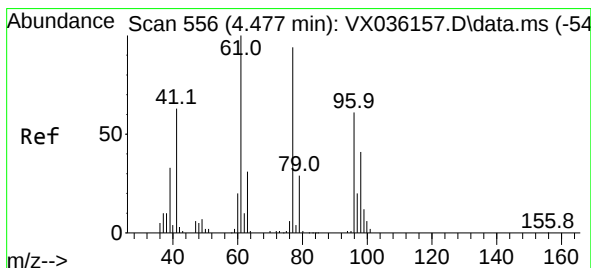
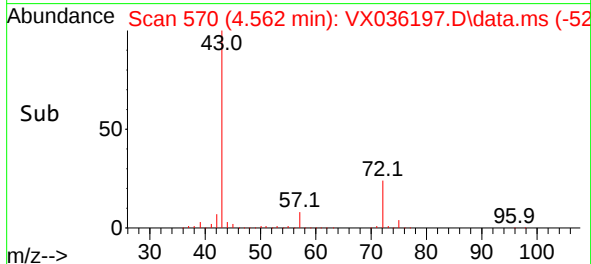
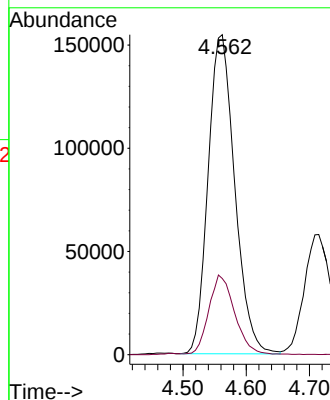
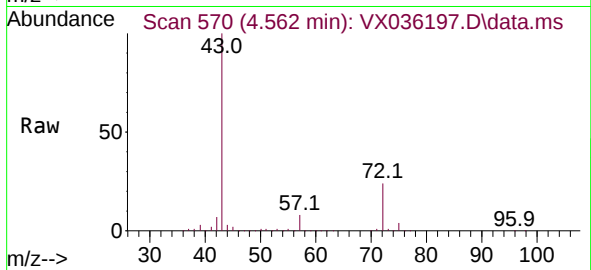
#25
2-Butanone
Concen: 300.607 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45204
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

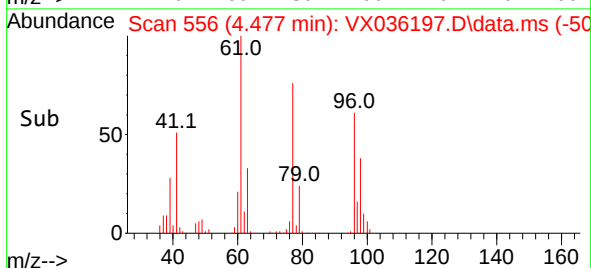
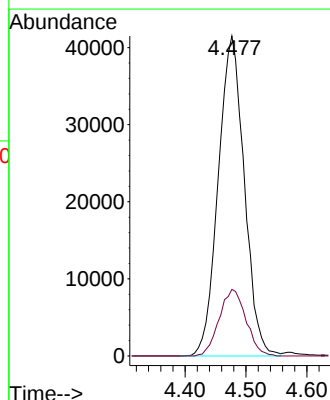
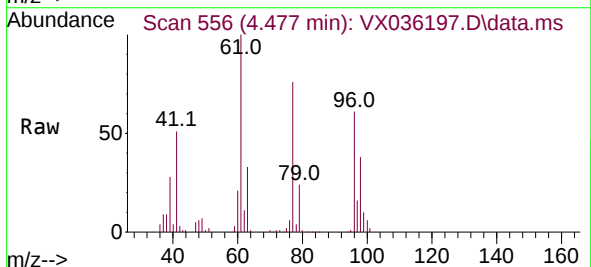
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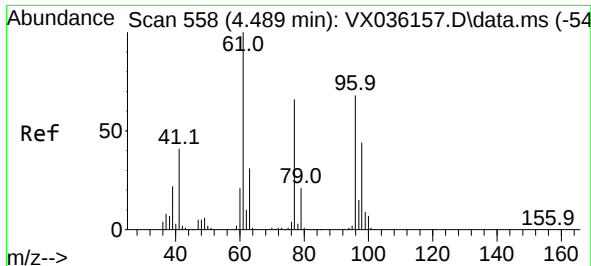
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 46.642 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 77 Resp: 123255
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.962 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11054

Ion Ratio Lower Upper

96 100

61 156.3 0.0 312.2

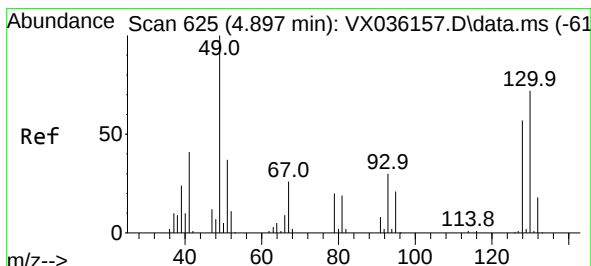
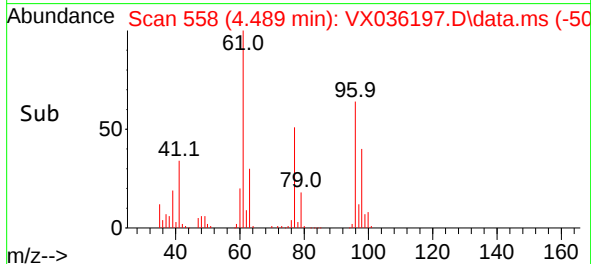
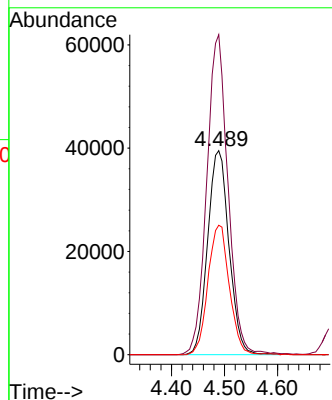
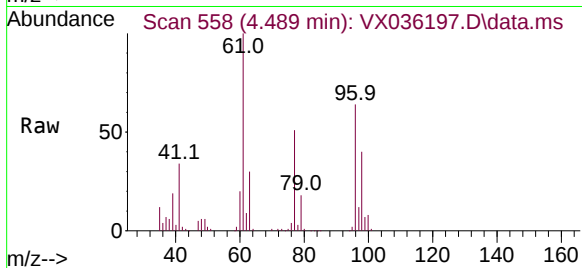
98 63.5 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#28

Bromochloromethane

Concen: 52.976 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

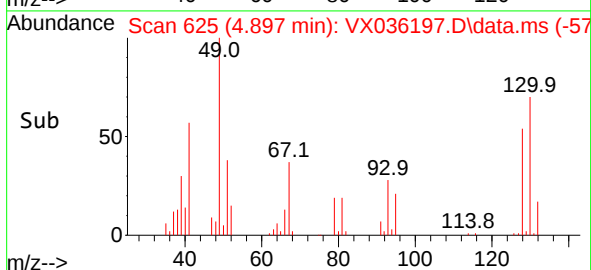
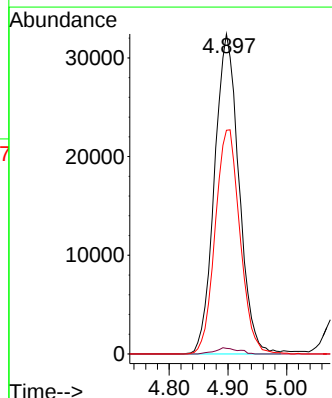
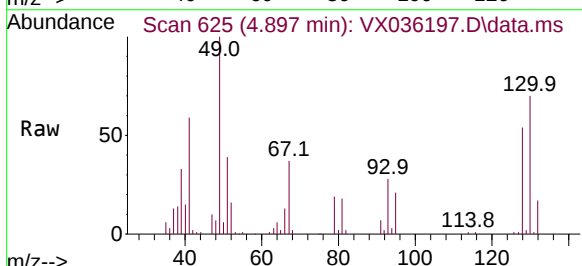
Tgt Ion: 49 Resp: 93843

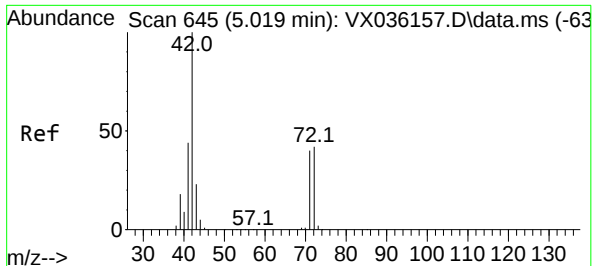
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 306.543 ug/l

RT: 5.007 min Scan# 645

Delta R.T. -0.012 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 292769

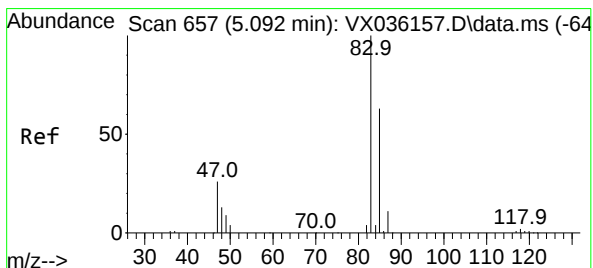
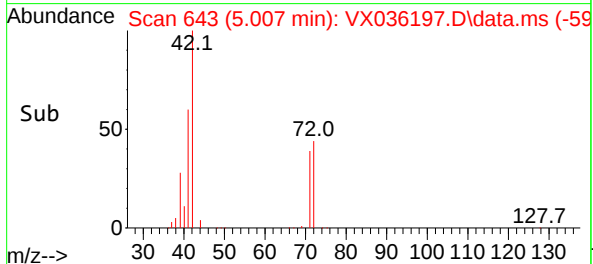
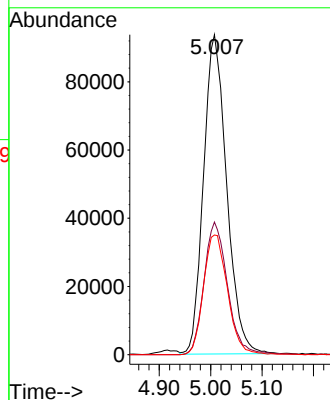
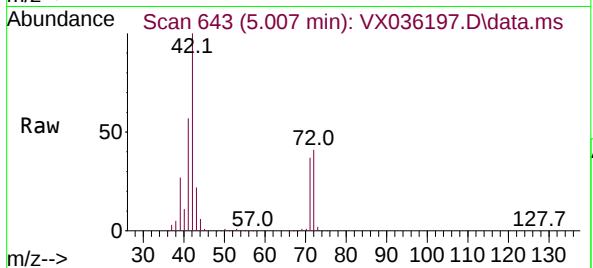
Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.4
71	38.9	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 55.960 ug/l

RT: 5.093 min Scan# 657

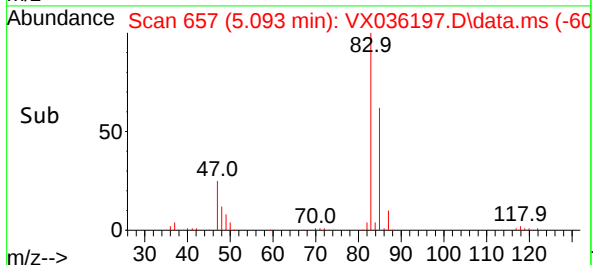
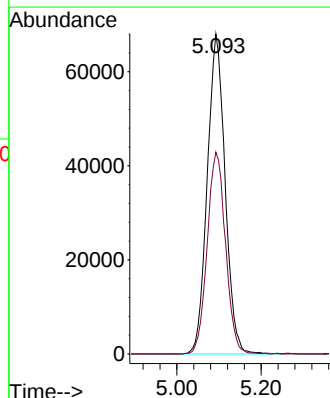
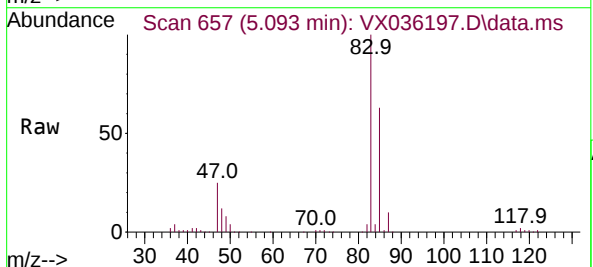
Delta R.T. 0.001 min

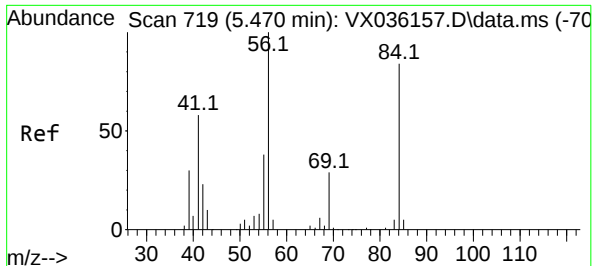
Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Tgt Ion: 83 Resp: 200272

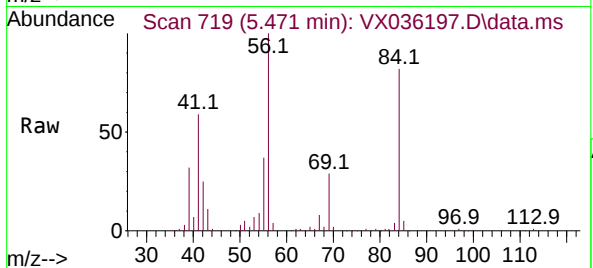
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 41.589 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

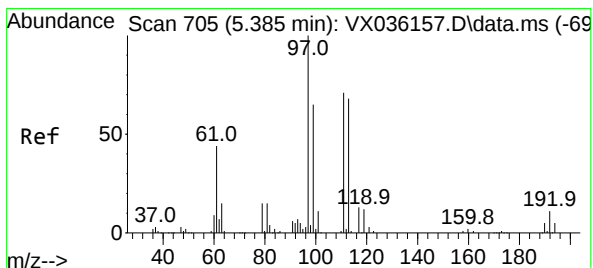
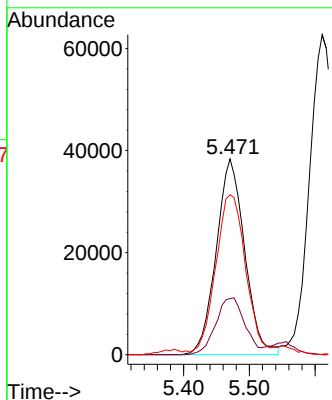
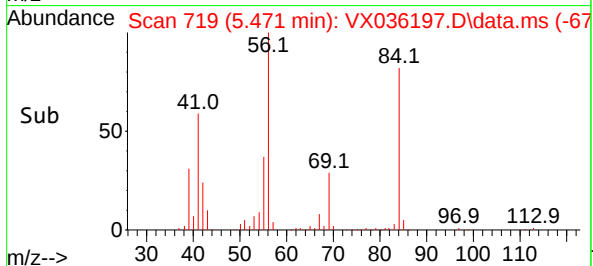
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 115349
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.2
84 79.5 65.9 98.9

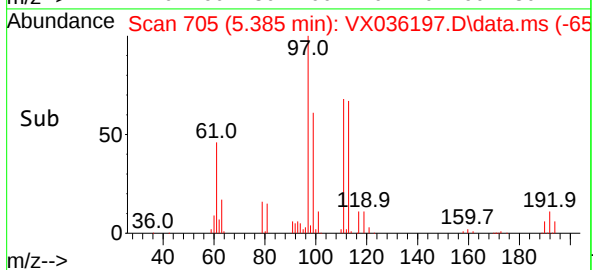
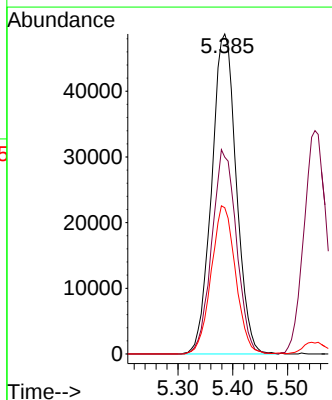
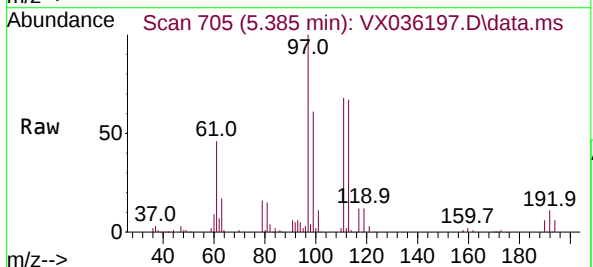
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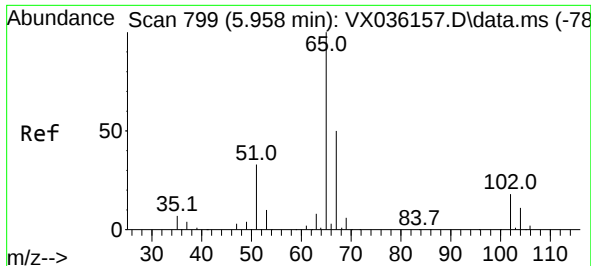
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#32
1,1,1-Trichloroethane
Concen: 50.116 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 97 Resp: 152062
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 45.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.312 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 143004

Ion Ratio Lower Upper

65 100

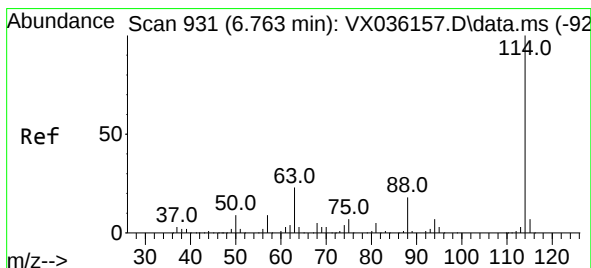
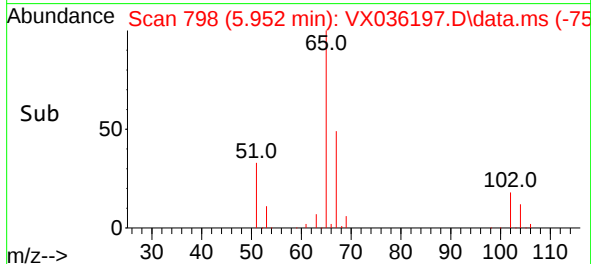
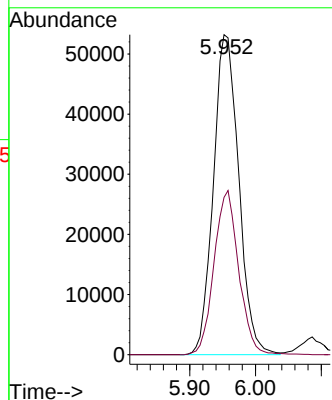
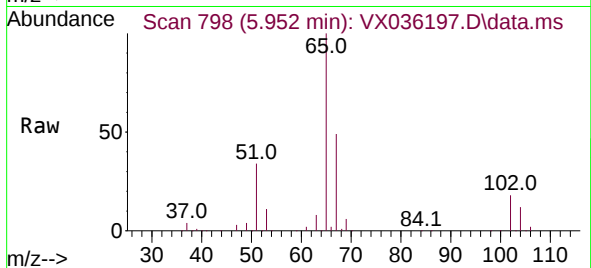
67 49.9 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

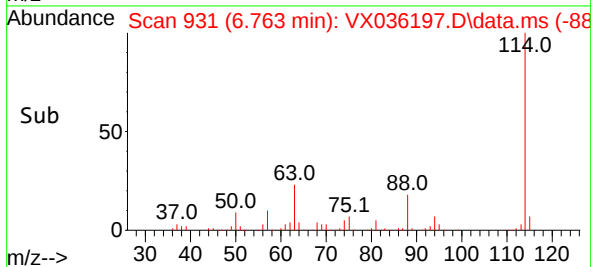
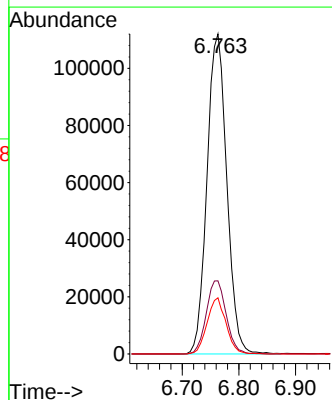
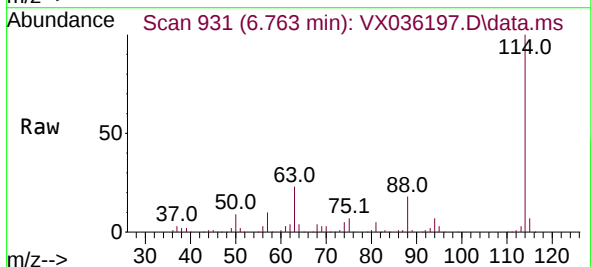
Tgt Ion:114 Resp: 271831

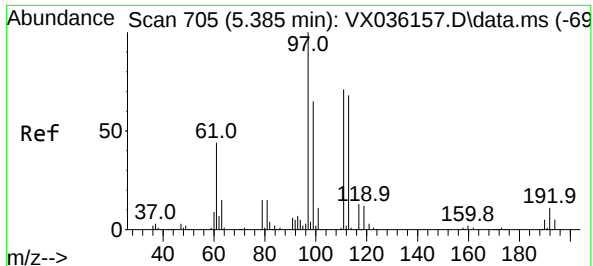
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

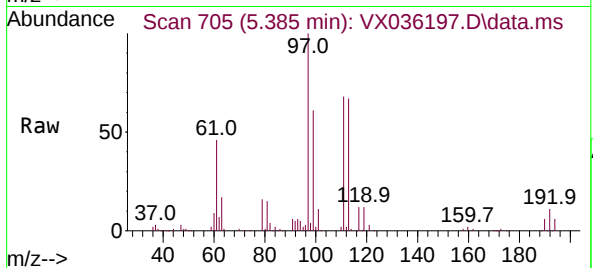
88 17.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.330 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

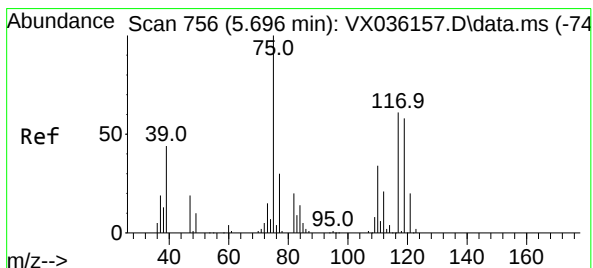
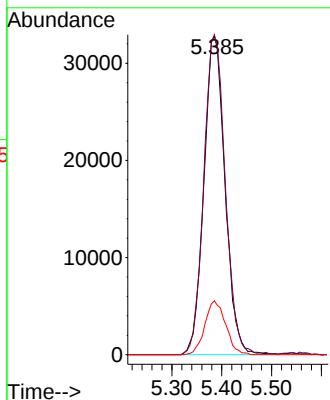
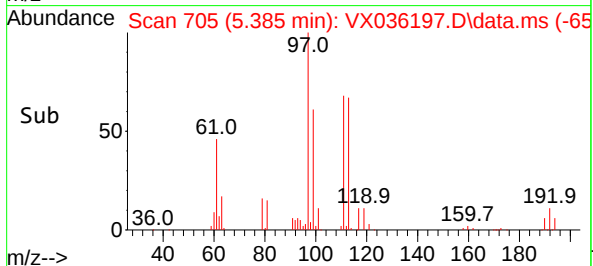
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 96462
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.6 13.3 19.9

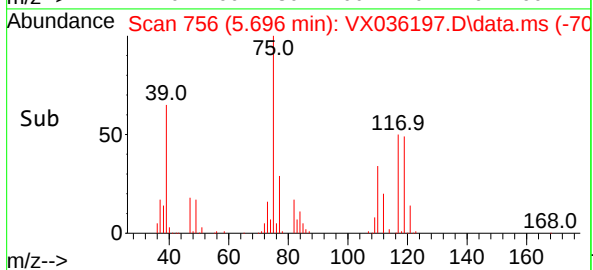
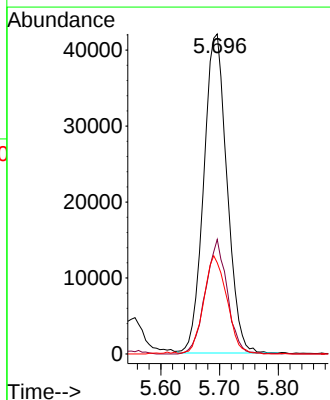
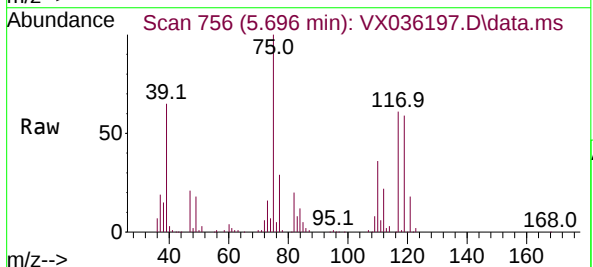
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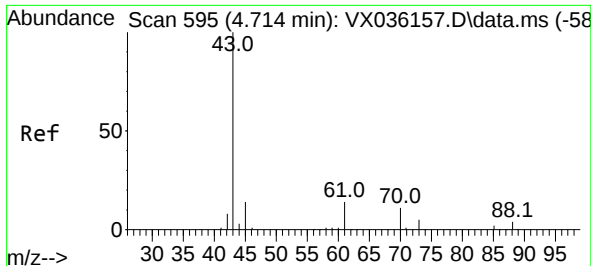
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#36
1,1-Dichloropropene
Concen: 42.510 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 75 Resp: 115428
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 55.179 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17456

Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

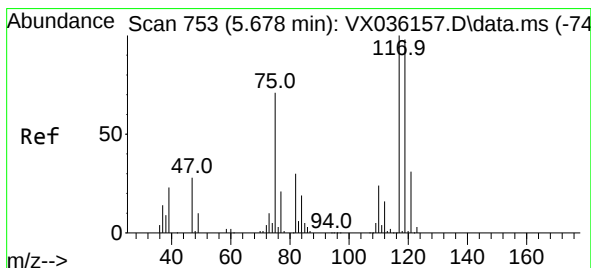
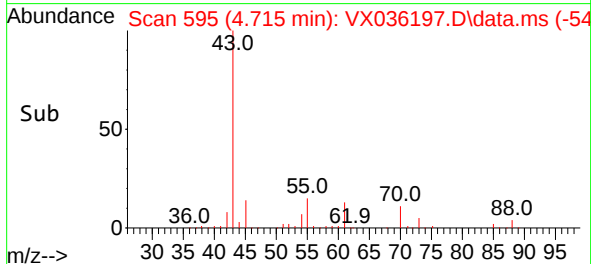
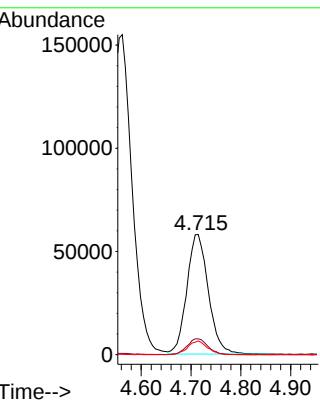
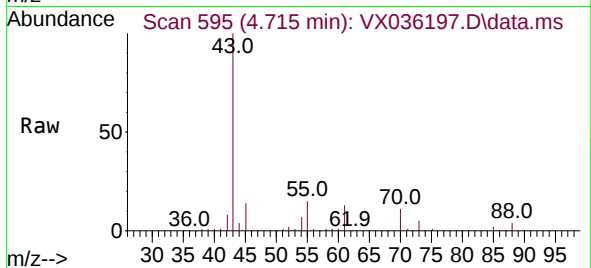
70 10.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 43.925 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

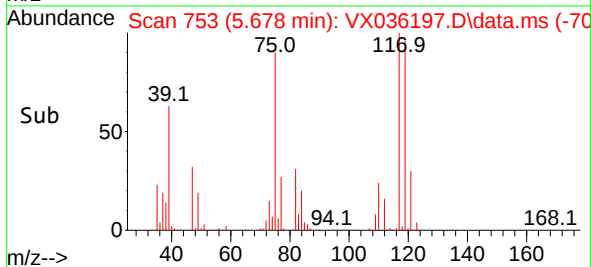
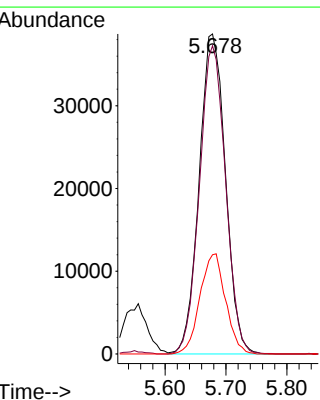
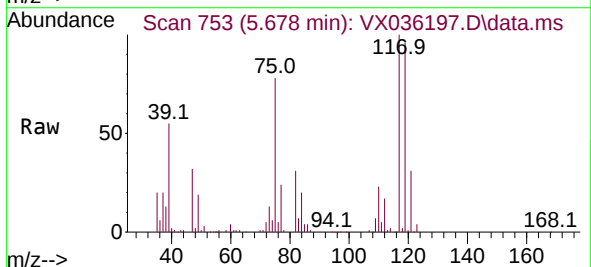
Tgt Ion:117 Resp: 115944

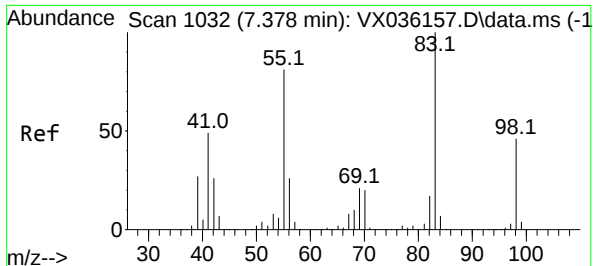
Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

121 31.0 24.4 36.6





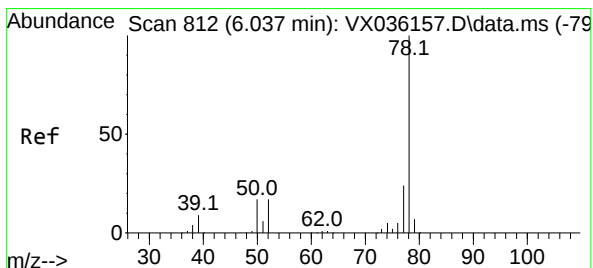
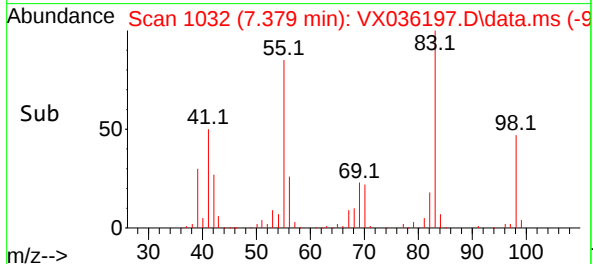
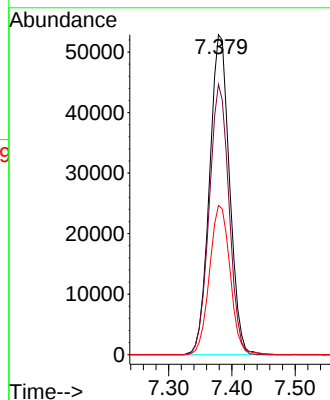
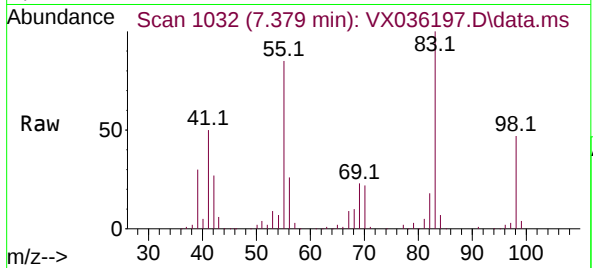
#39
Methylcyclohexane
Concen: 39.752 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11625
Ion Ratio Lower Upper
83 100
55 84.5 64.6 97.0
98 46.6 36.7 55.1

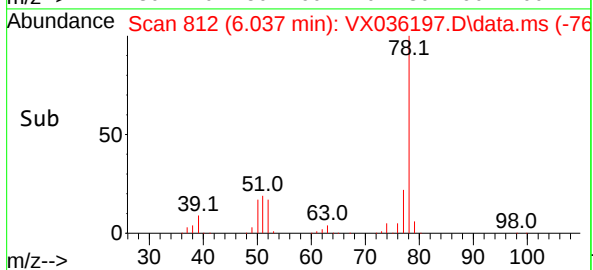
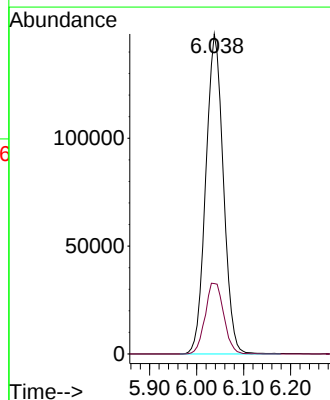
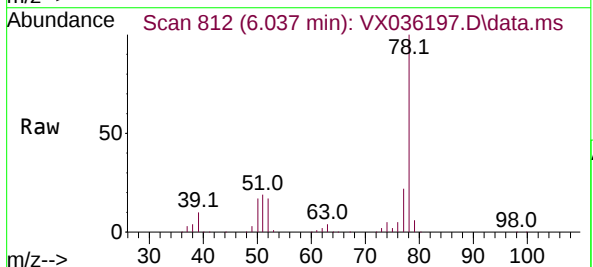
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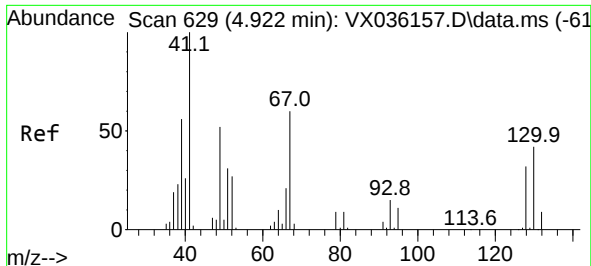
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 50.339 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 78 Resp: 384382
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9





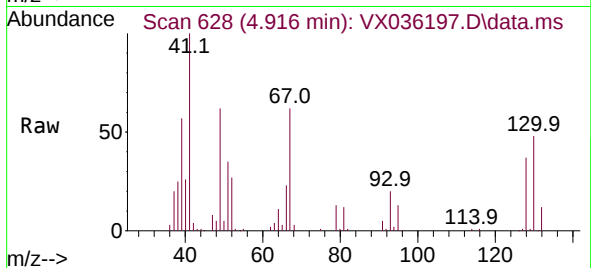
#41
Methacrylonitrile
Concen: 57.914 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



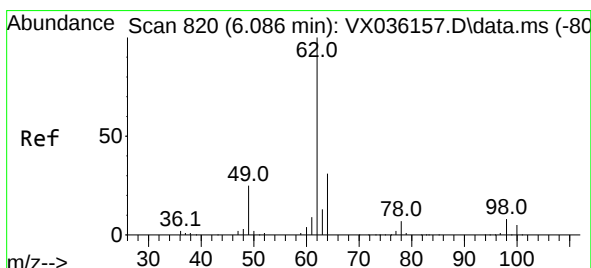
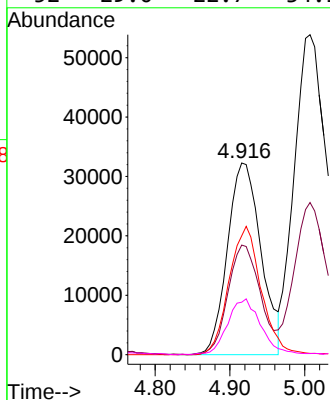
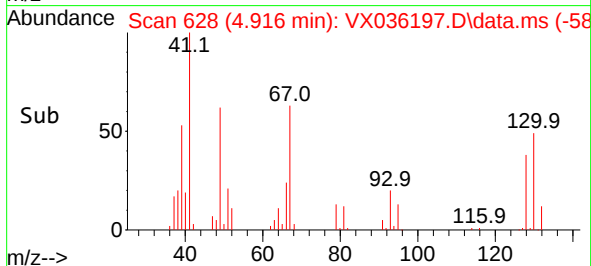
Tgt Ion: 41 Resp: 10101
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 64.1 52.6 78.8
52 29.0 22.7 34.1

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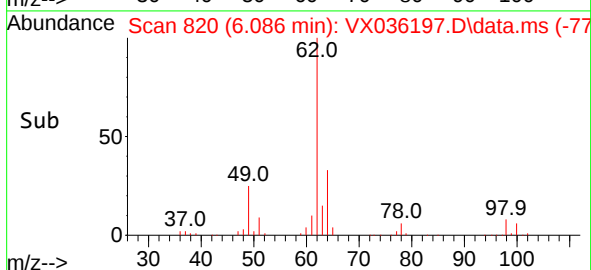
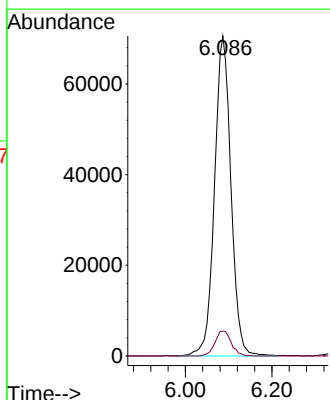
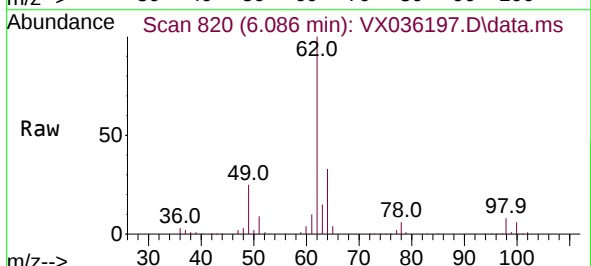
Reviewed By :John Carlone 06/19/2023

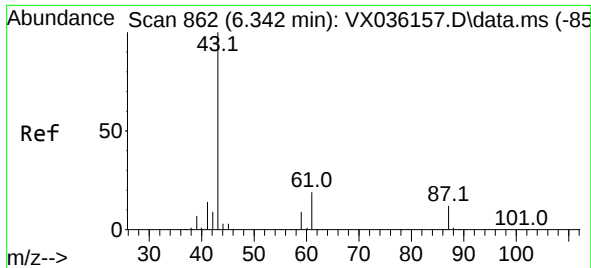
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 54.205 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

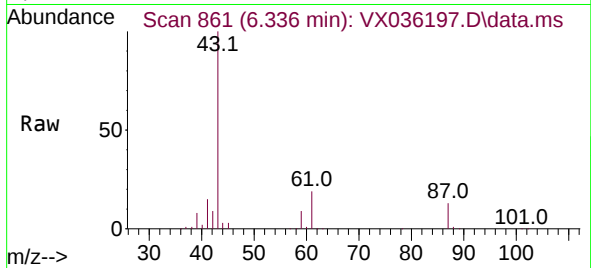
Tgt Ion: 62 Resp: 186460
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 57.587 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

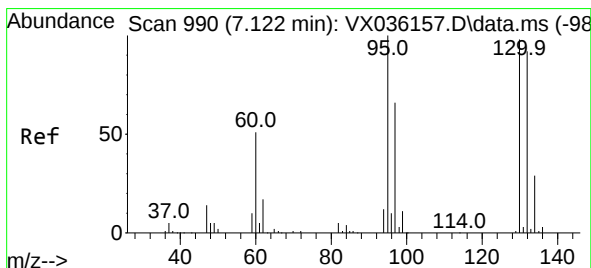
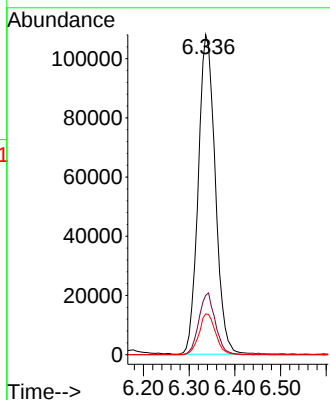
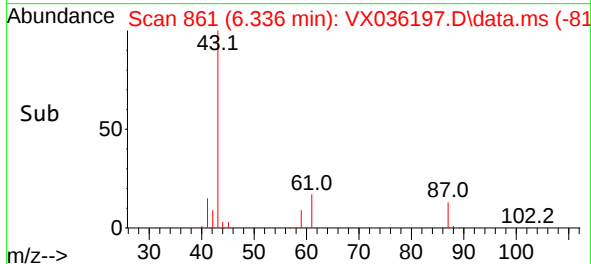
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 278804
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.4 9.8 14.6

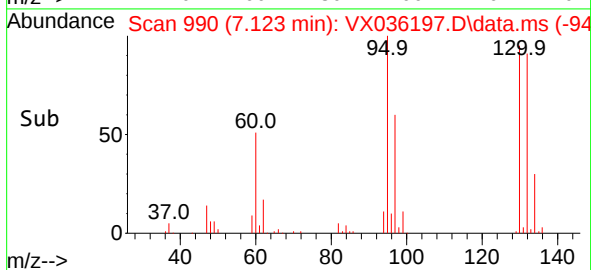
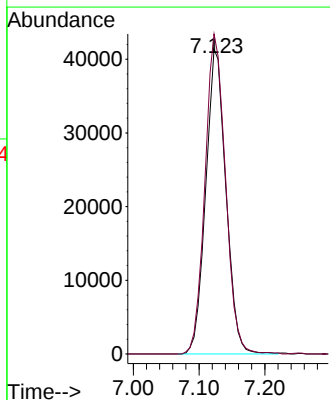
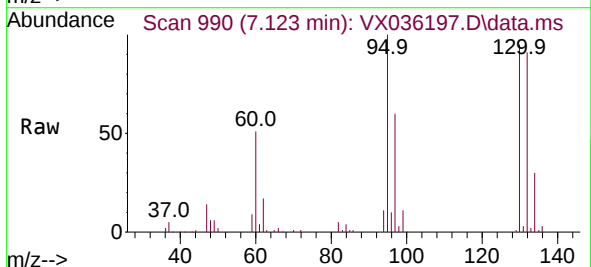
Manual Integrations
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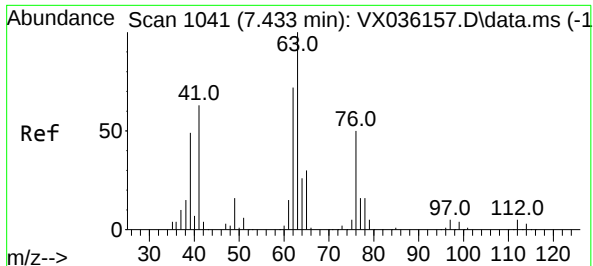
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#44
Trichloroethene
Concen: 46.366 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:130 Resp: 88472
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.416 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10843

Ion Ratio Lower Upper

63 100

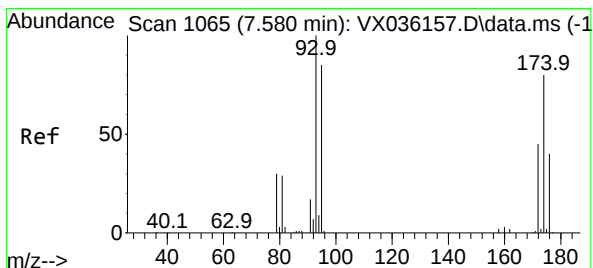
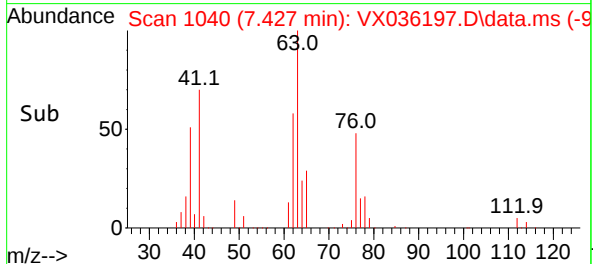
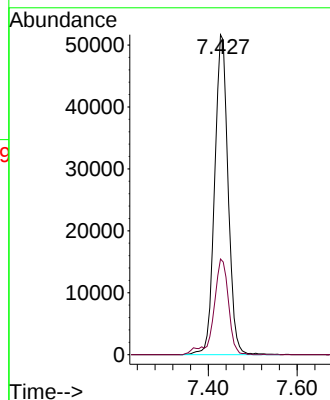
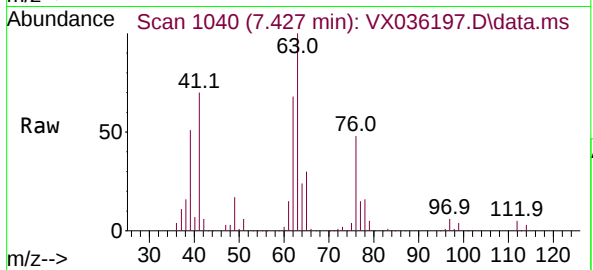
65 29.9 24.3 36.5

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 55.240 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

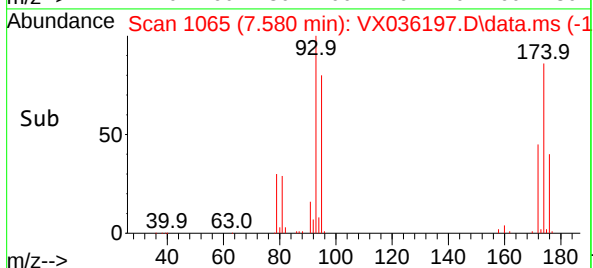
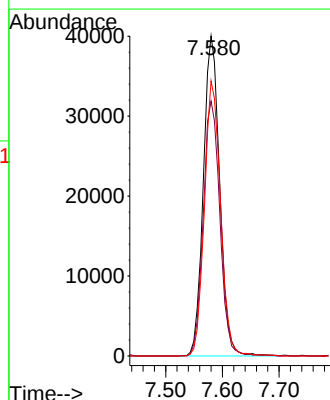
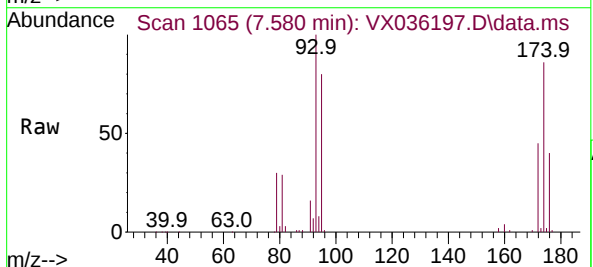
Tgt Ion: 93 Resp: 79886

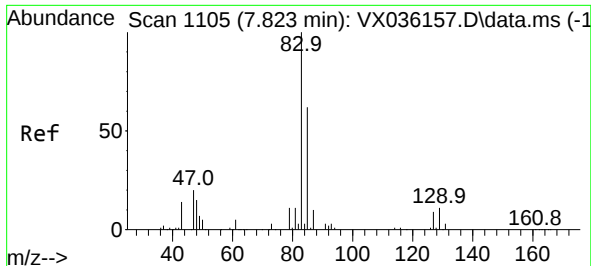
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

174 85.4 69.4 104.0





#47
Bromodichloromethane
Concen: 54.487 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

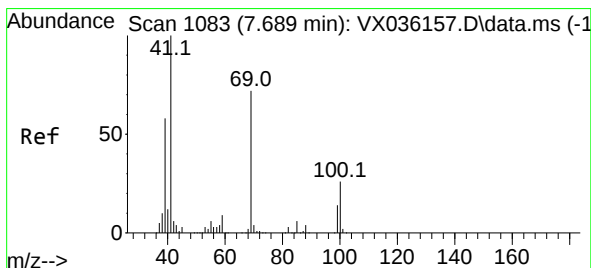
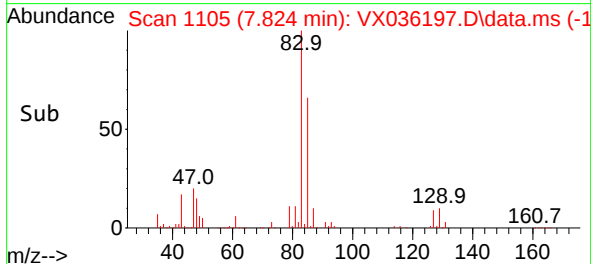
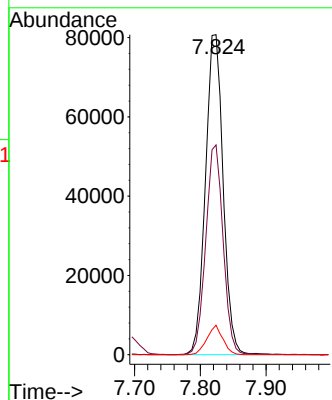
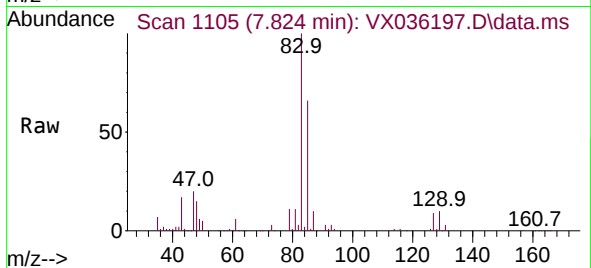
Tgt Ion: 83 Resp: 15127
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 9.2 7.1 10.7

Manual Integrations

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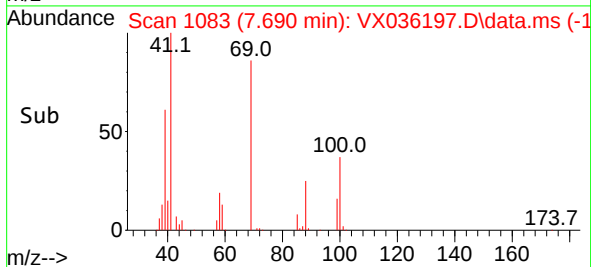
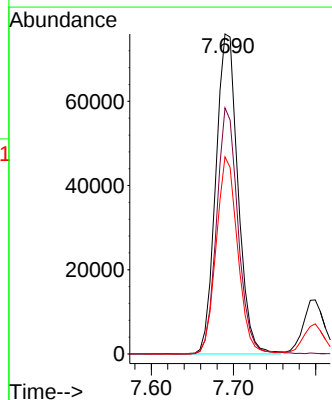
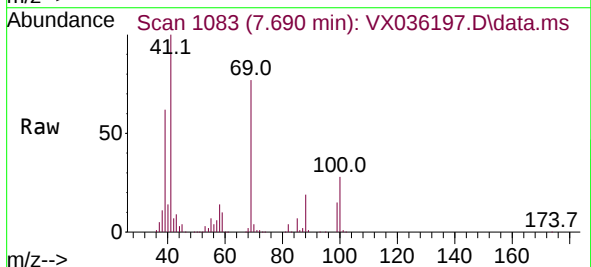
Reviewed By :John Carlone 06/19/2023

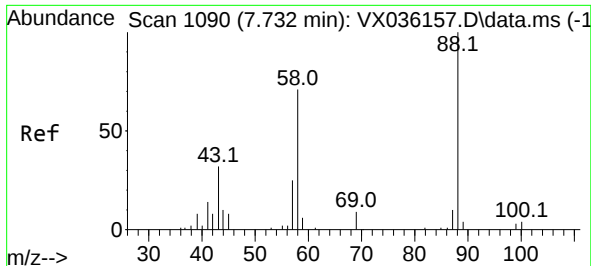
Supervised By :Mahesh Dadoda 06/19/2023



#48
Methyl methacrylate
Concen: 57.362 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 41 Resp: 142483
Ion Ratio Lower Upper
41 100
69 74.1 59.2 88.8
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1248.913 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

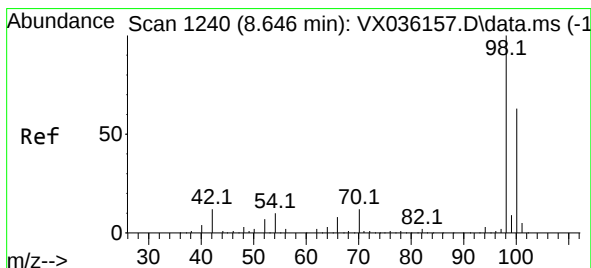
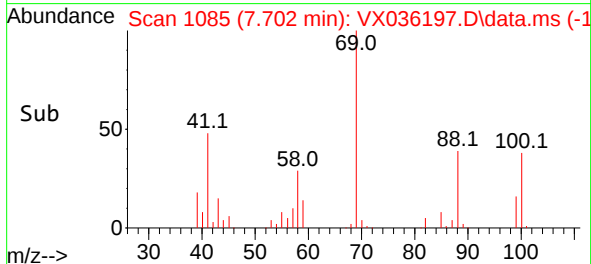
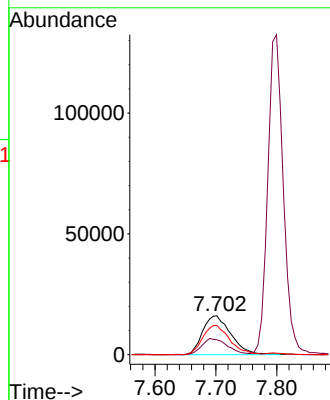
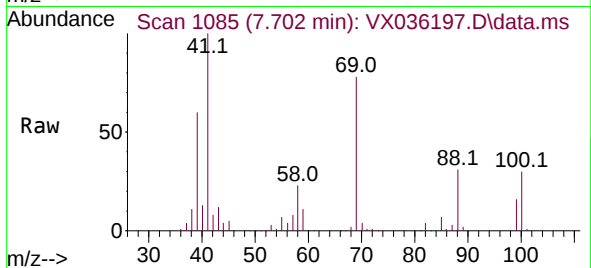
Tgt Ion: 88 Resp: 51940
 Ion Ratio Lower Upper
 88 100
 43 37.8 0.0 0.0
 58 71.8 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 46.258 ug/l

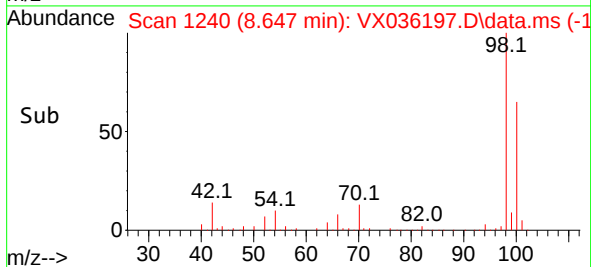
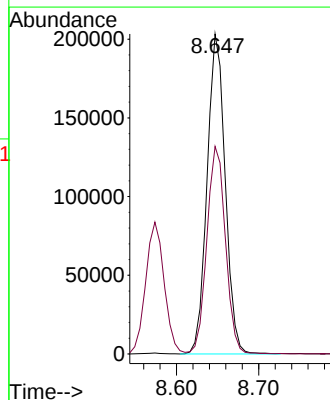
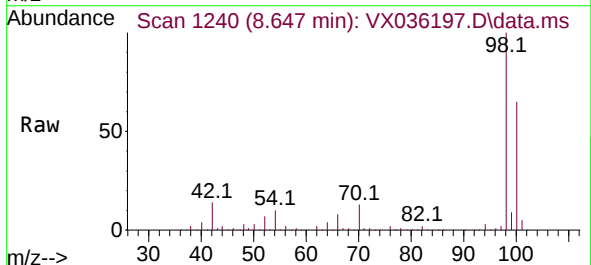
RT: 8.647 min Scan# 1240

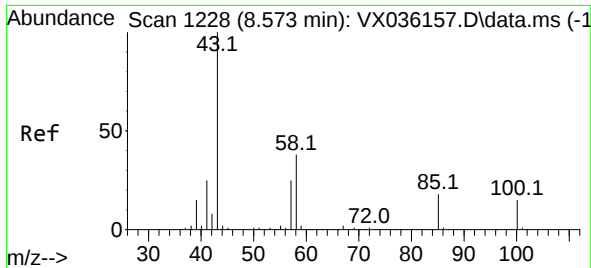
Delta R.T. 0.001 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Tgt Ion: 98 Resp: 311907
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.1 79.7





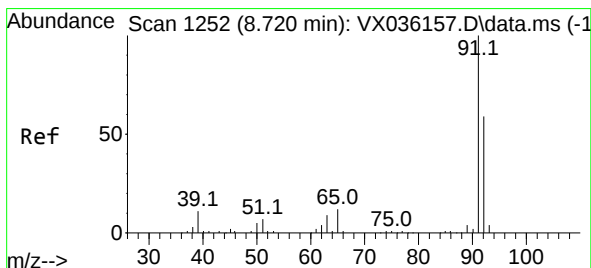
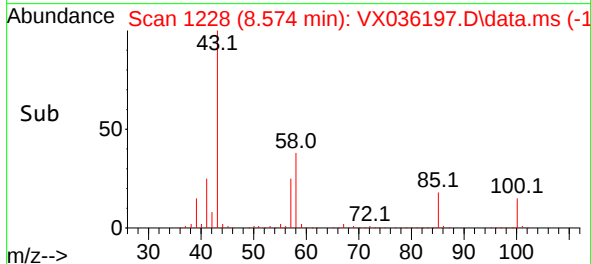
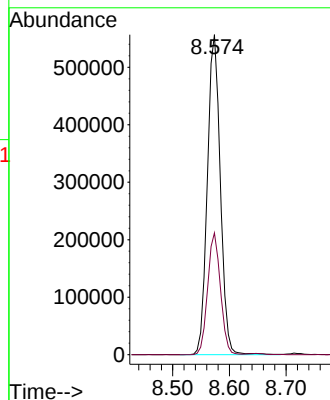
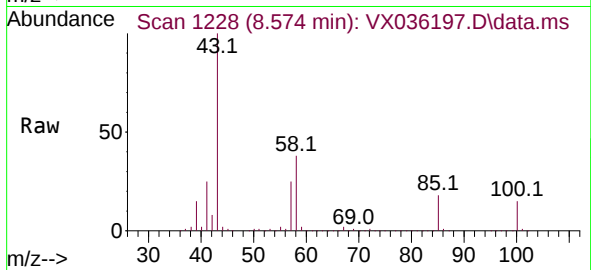
#51
4-Methyl-2-Pentanone
Concen: 289.345 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 88453
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

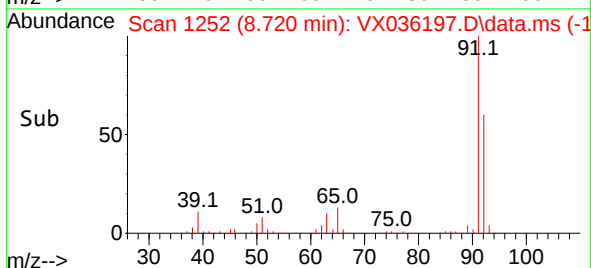
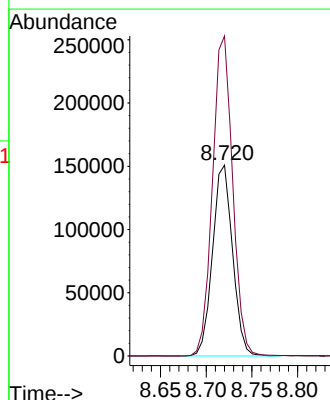
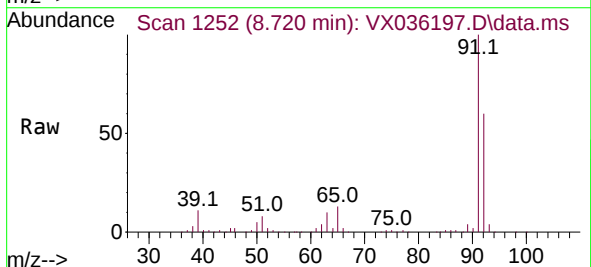
Manual Integrations
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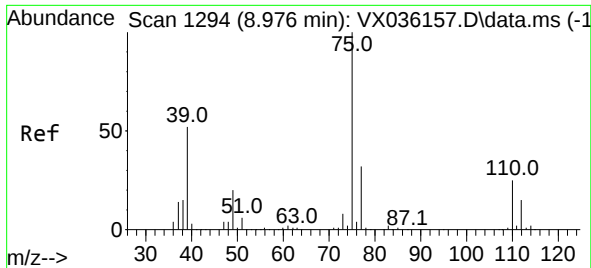
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 48.065 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 92 Resp: 229787
Ion Ratio Lower Upper
92 100
91 168.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.086 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 160392

Ion Ratio Lower Upper

75 100

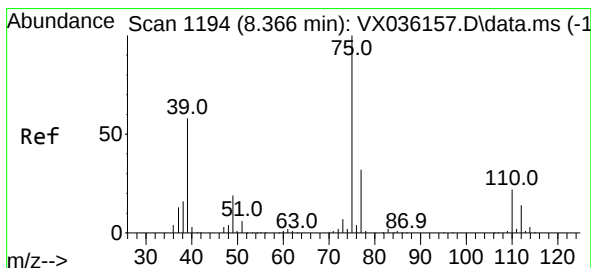
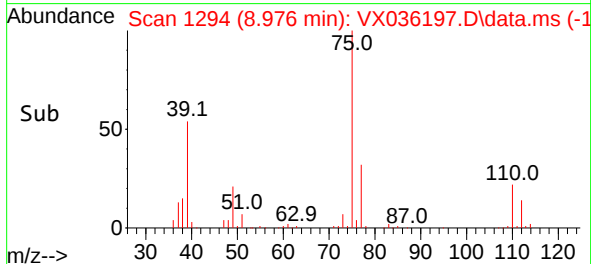
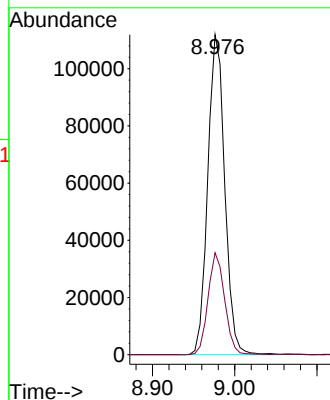
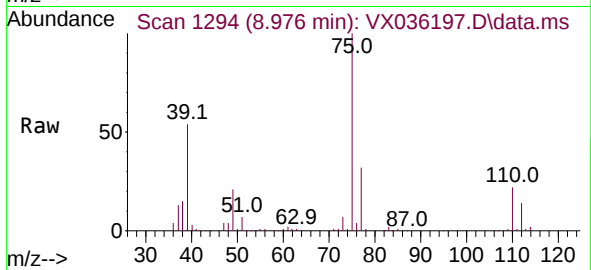
77 31.9 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#54

cis-1,3-Dichloropropene

Concen: 55.293 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

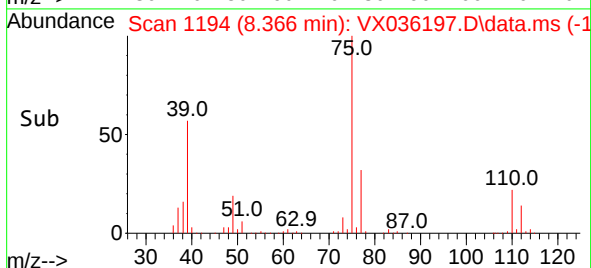
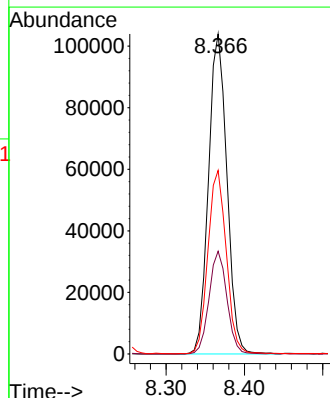
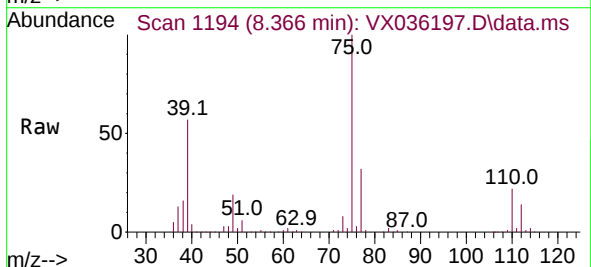
Tgt Ion: 75 Resp: 169567

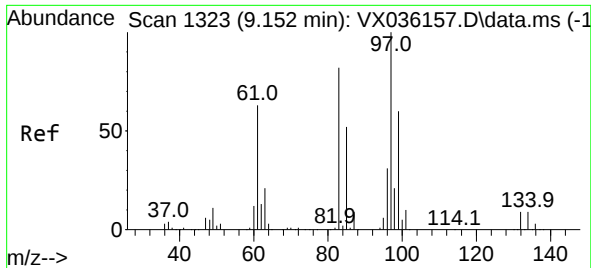
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

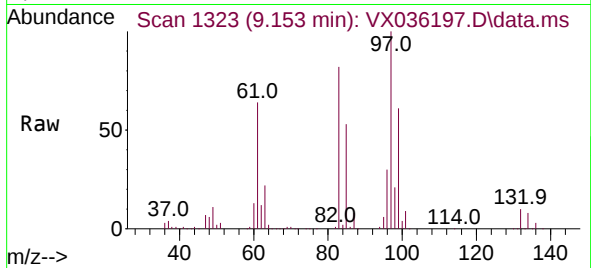
39 57.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 55.772 ug/l
RT: 9.153 min Scan# 11007
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

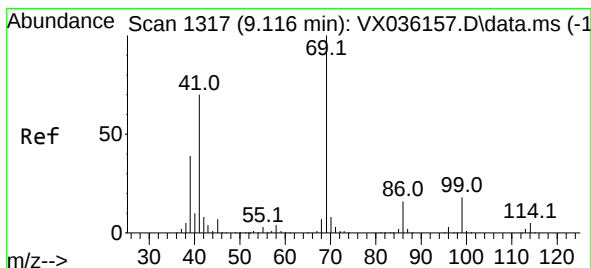
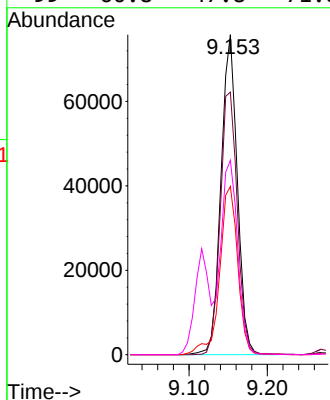
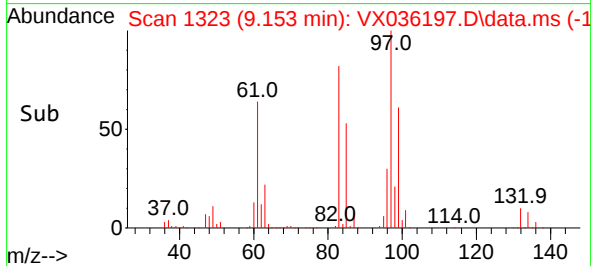
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



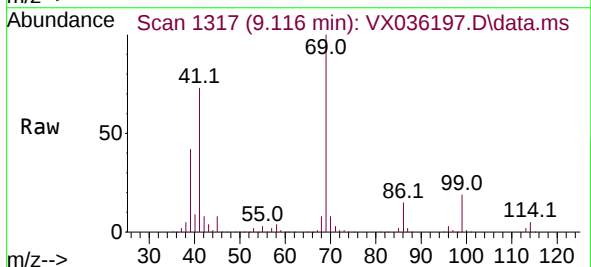
Tgt Ion: 97 Resp: 11007
Ion Ratio Lower Upper
97 100
83 82.1 65.8 98.8
85 52.6 41.6 62.4
99 60.8 47.8 71.8

Manual Integrations
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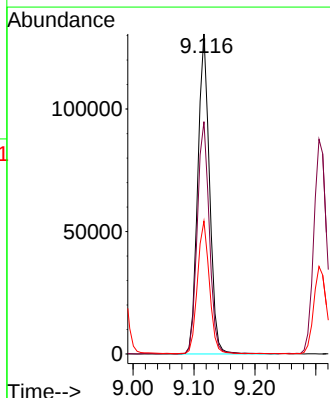
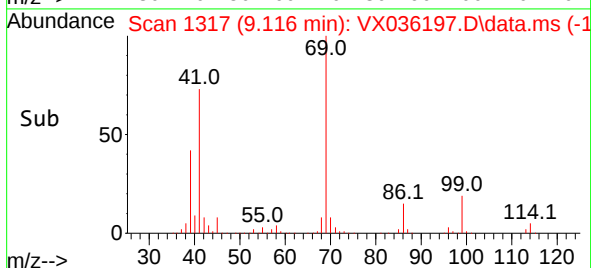
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

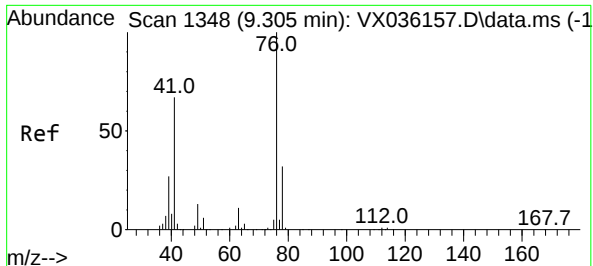


#56
Ethyl methacrylate
Concen: 58.611 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55



Tgt Ion: 69 Resp: 174739
Ion Ratio Lower Upper
69 100
41 74.4 56.8 85.2
39 42.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.651 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 191880

Ion Ratio Lower Upper

76 100

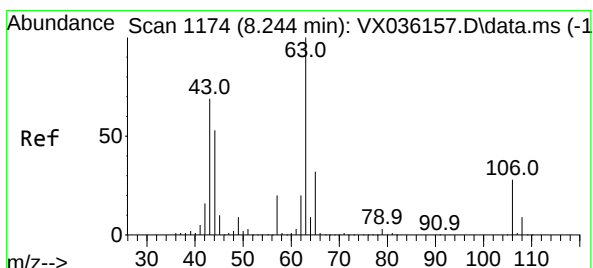
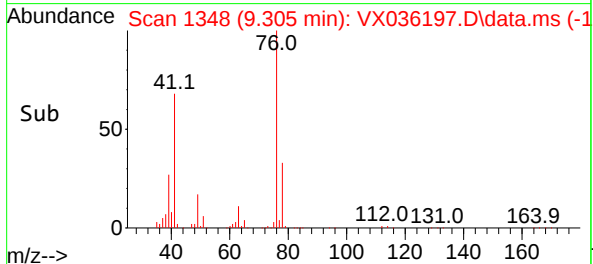
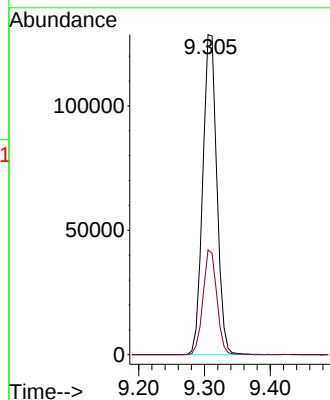
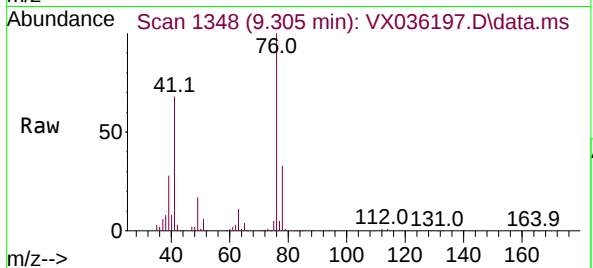
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 282.655 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036197.D

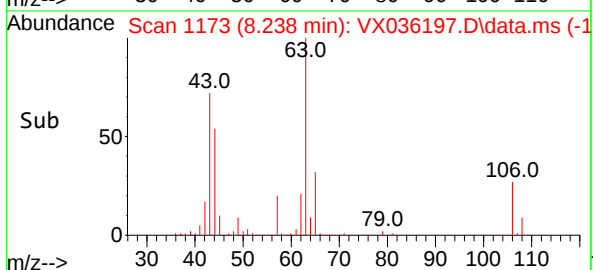
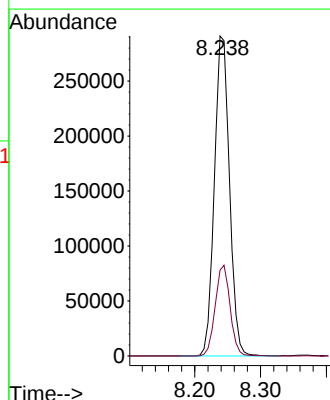
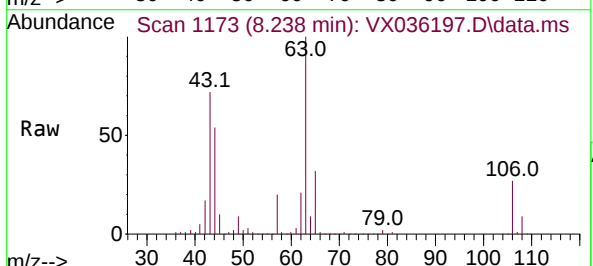
Acq: 16 Jun 2023 21:55

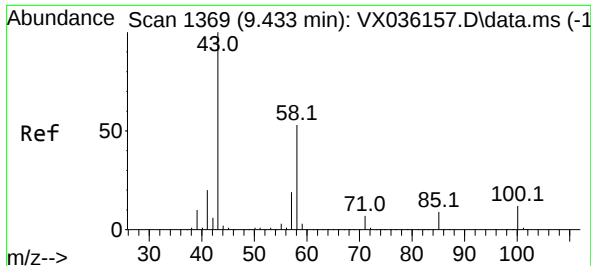
Tgt Ion: 63 Resp: 464469

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7





#59

2-Hexanone

Concen: 297.650 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 676475

Ion Ratio Lower Upper

43 100

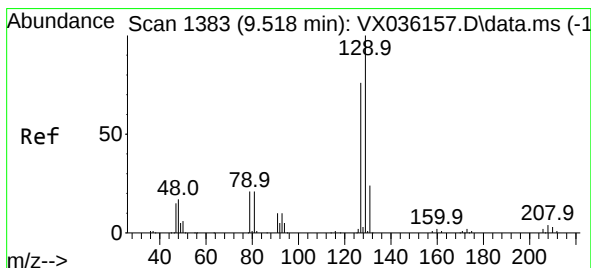
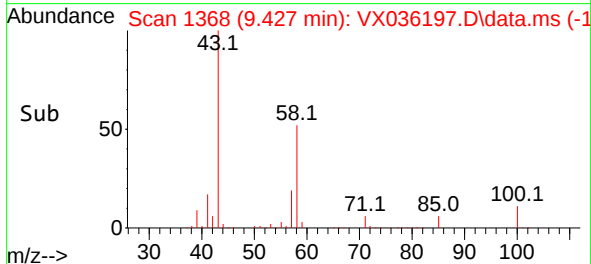
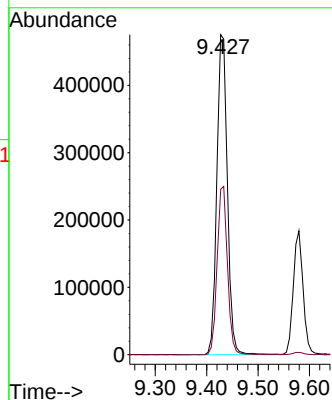
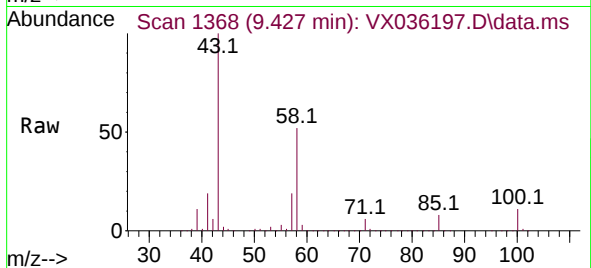
58 51.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#60

Dibromochloromethane

Concen: 56.311 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036197.D

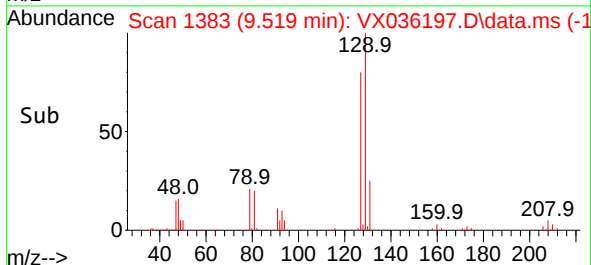
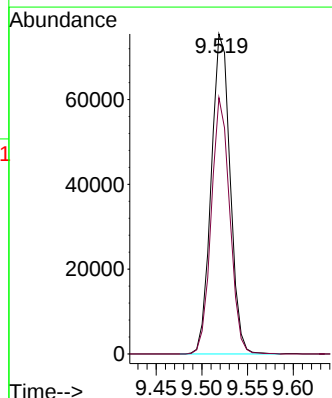
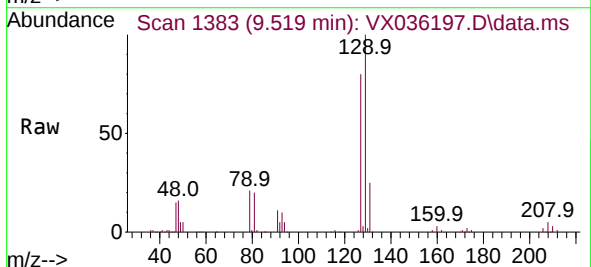
Acq: 16 Jun 2023 21:55

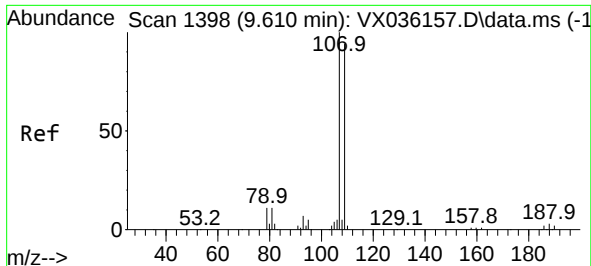
Tgt Ion:129 Resp: 108475

Ion Ratio Lower Upper

129 100

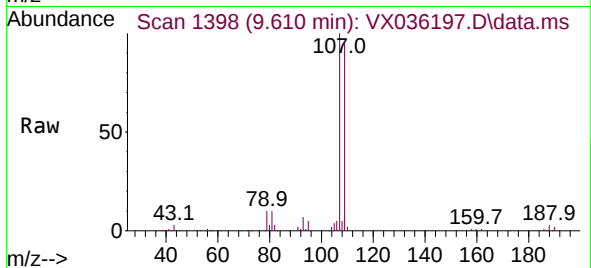
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.654 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

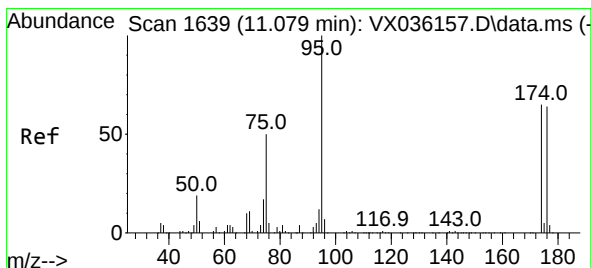
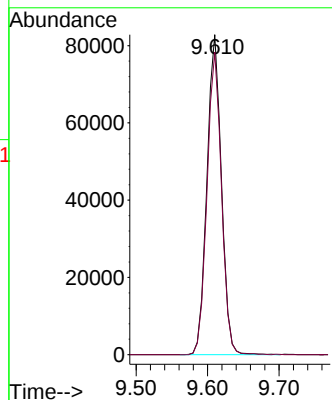
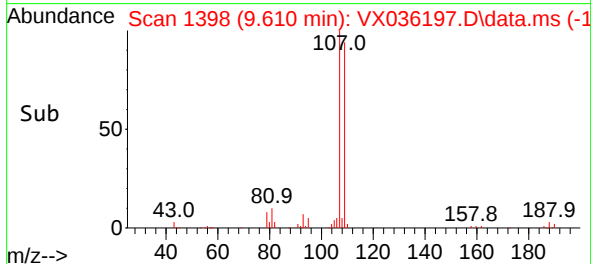
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



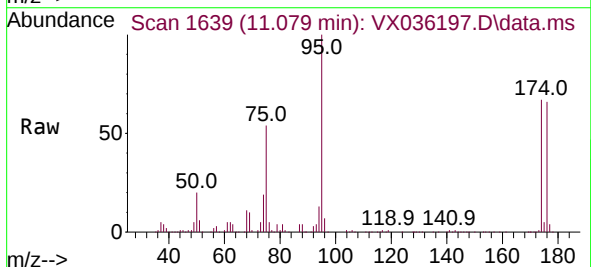
Tgt Ion:107 Resp: 116584
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

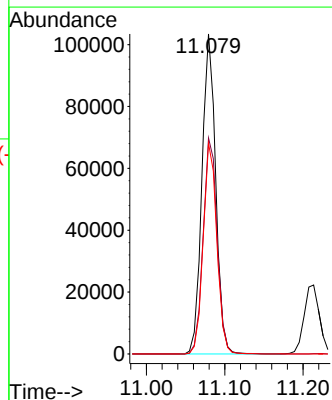
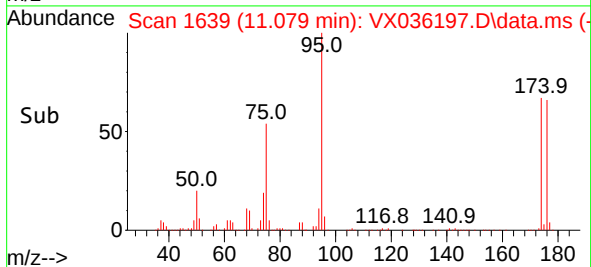
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

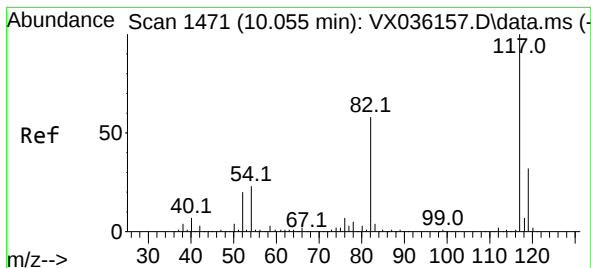


#62
4-Bromofluorobenzene
Concen: 46.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55



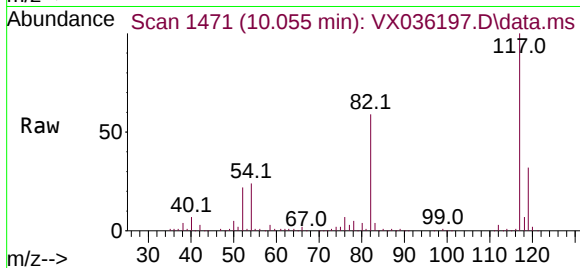
Tgt Ion: 95 Resp: 125652
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 65.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

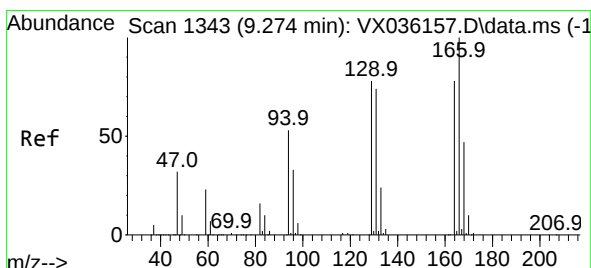
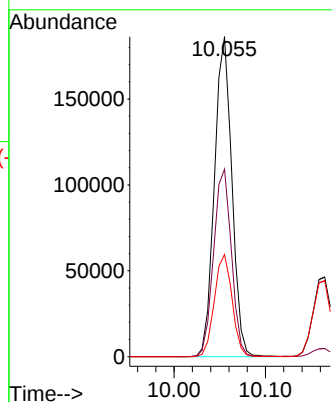
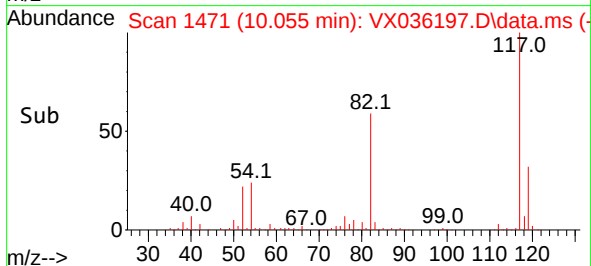
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24690
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.9 25.5 38.3

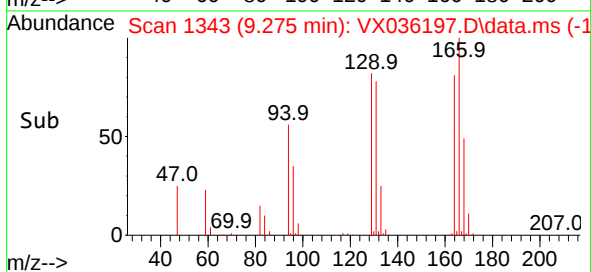
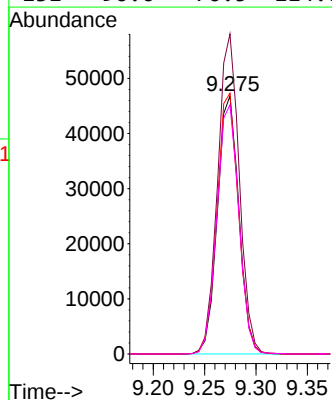
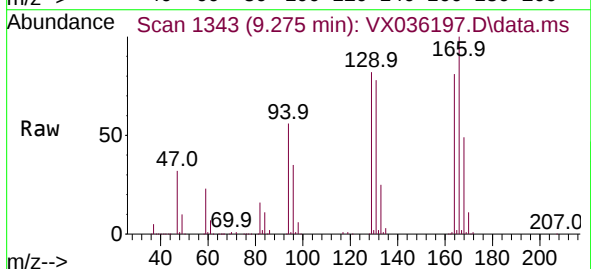
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APPROVED

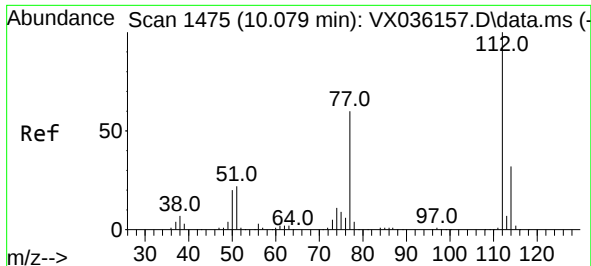
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 44.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:164 Resp: 67842
Ion Ratio Lower Upper
164 100
166 124.0 102.7 154.1
129 101.1 80.4 120.6
131 96.6 76.5 114.7





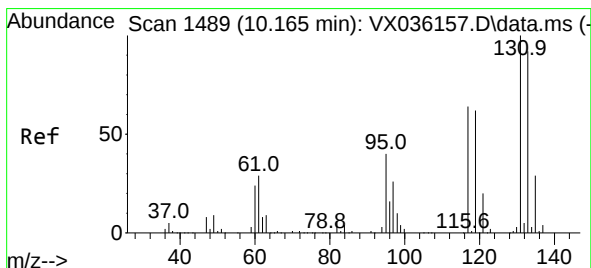
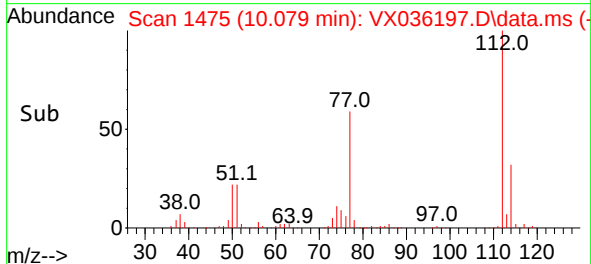
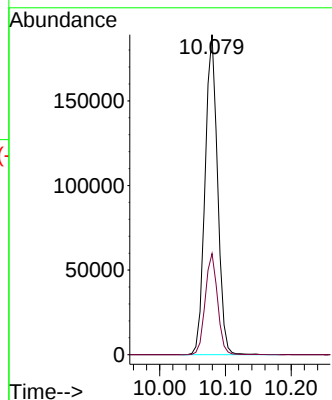
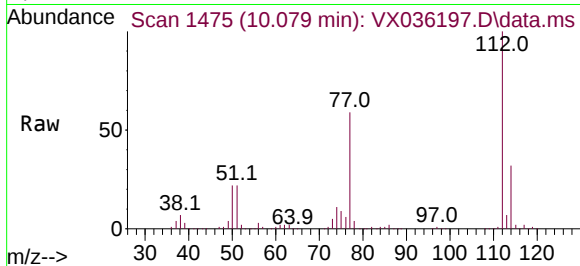
#65
Chlorobenzene
Concen: 48.770 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 249520
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

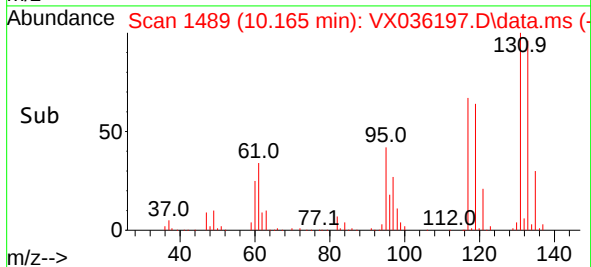
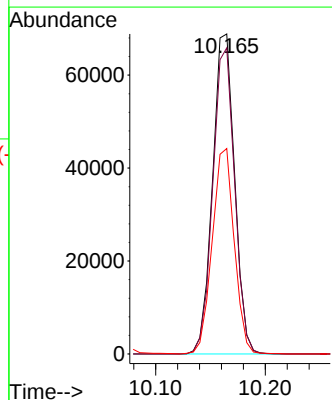
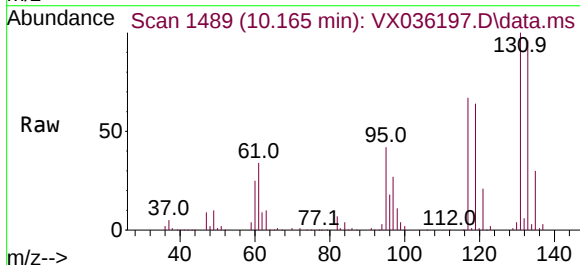
Manual Integrations
APPROVED

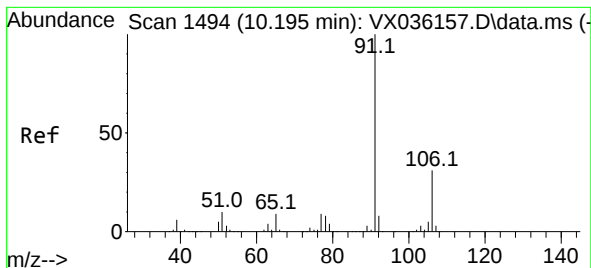
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.449 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:131 Resp: 96135
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.3 32.2 96.6





#67

Ethyl Benzene

Concen: 45.957 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 419930

Ion Ratio Lower Upper

91 100

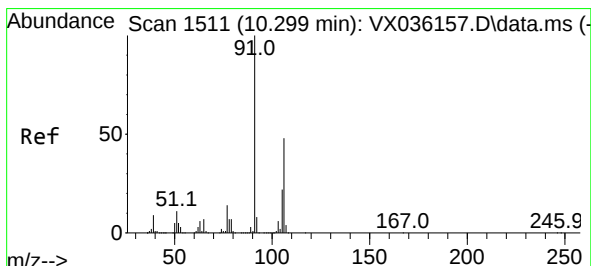
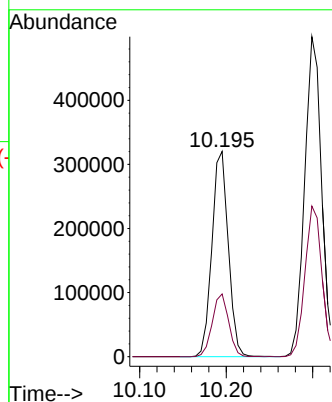
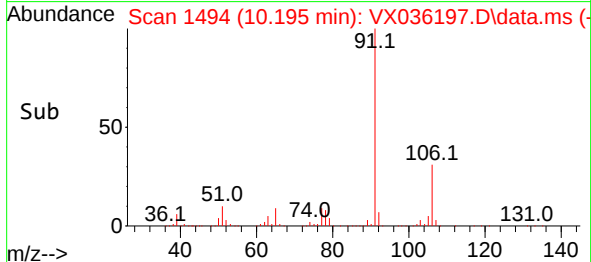
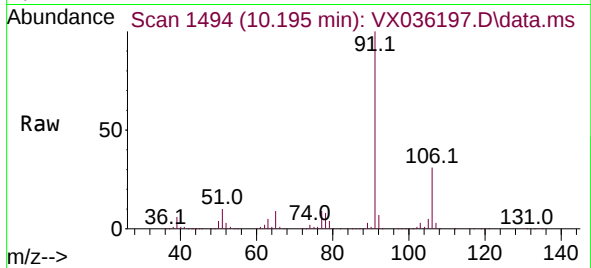
106 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#68

m/p-Xylenes

Concen: 92.694 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036197.D

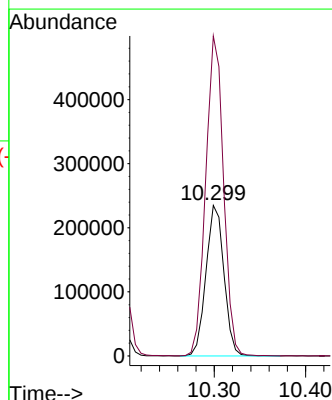
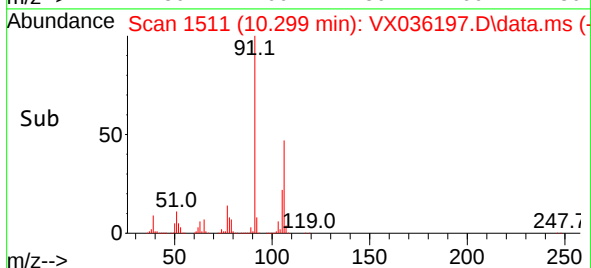
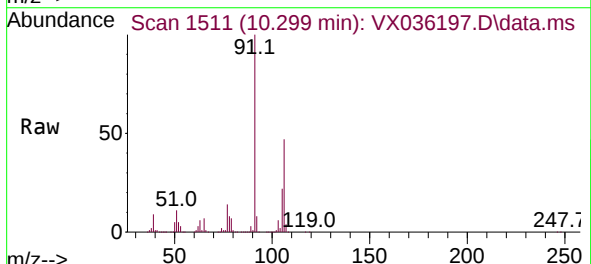
Acq: 16 Jun 2023 21:55

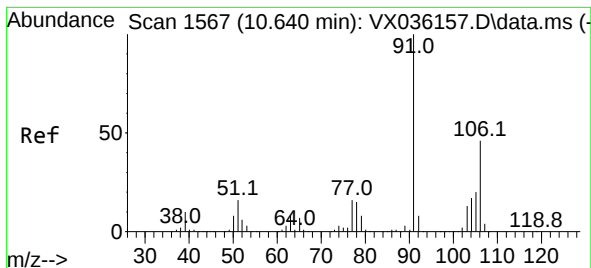
Tgt Ion:106 Resp: 319556

Ion Ratio Lower Upper

106 100

91 211.2 165.5 248.3





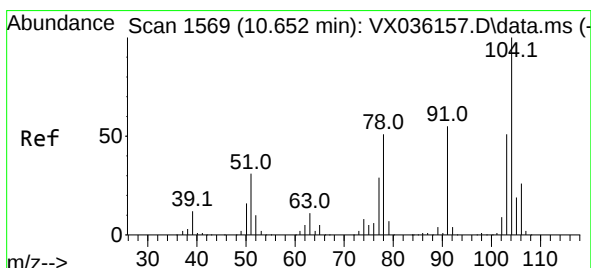
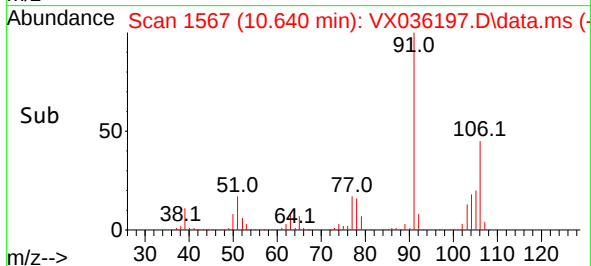
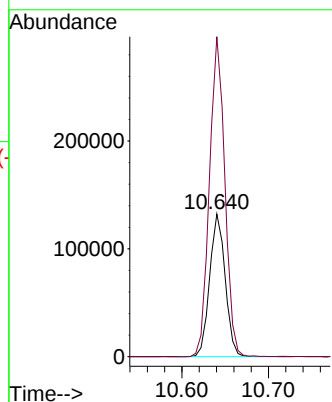
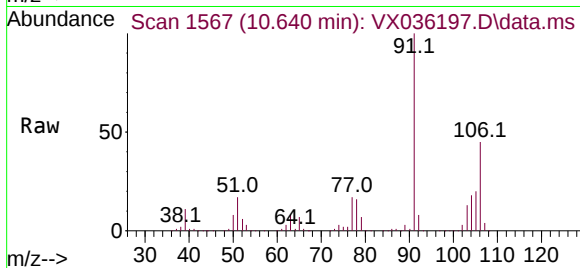
#69
o-Xylene
Concen: 48.414 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 164669
Ion Ratio Lower Upper
106 100
91 222.7 108.9 326.8

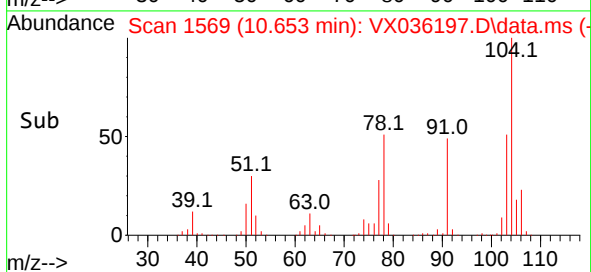
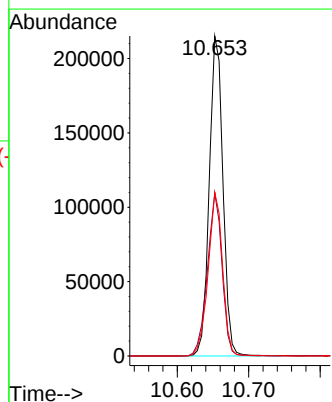
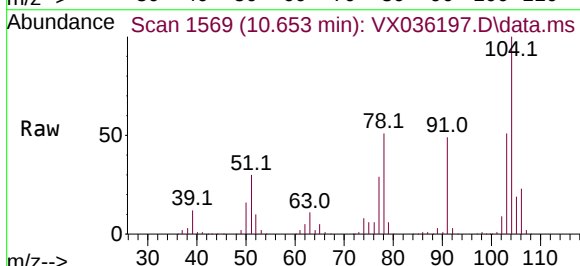
Manual Integrations
APPROVED

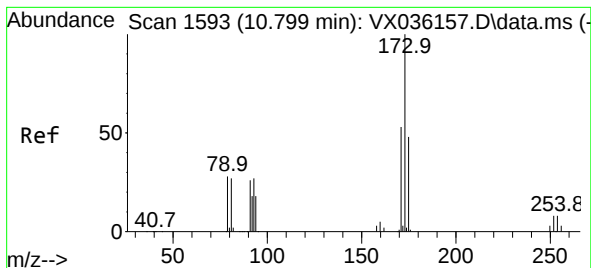
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 50.490 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:104 Resp: 286143
Ion Ratio Lower Upper
104 100
78 54.4 43.6 65.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 60.168 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

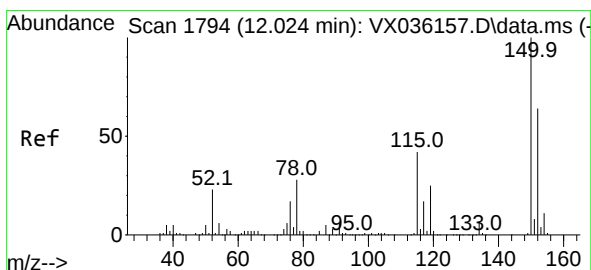
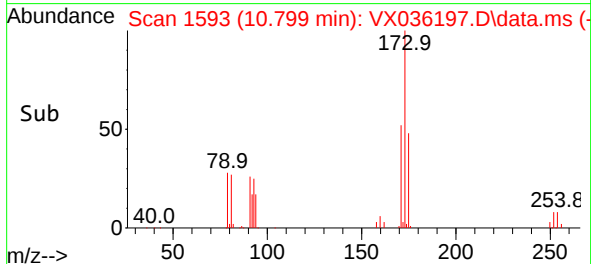
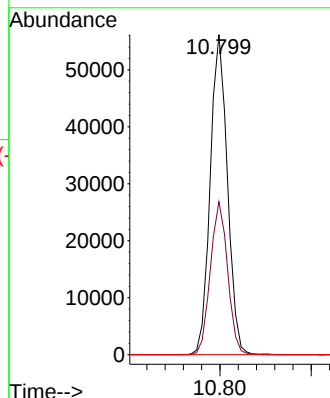
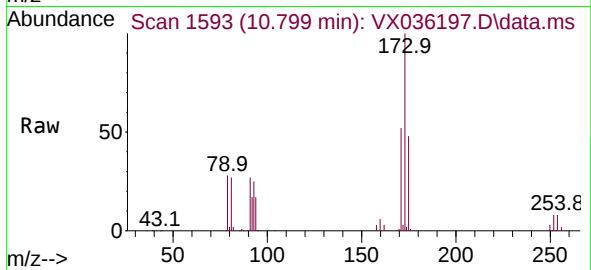
Tgt Ion:173 Resp: 73130
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

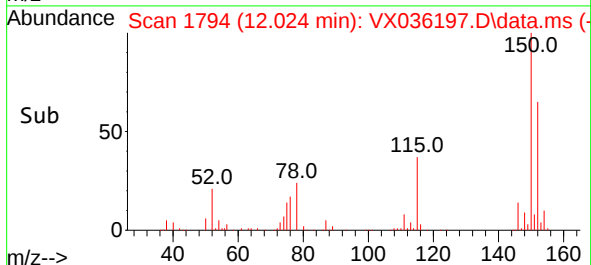
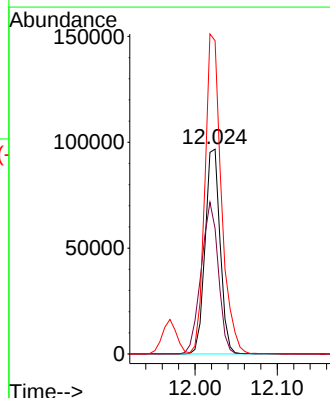
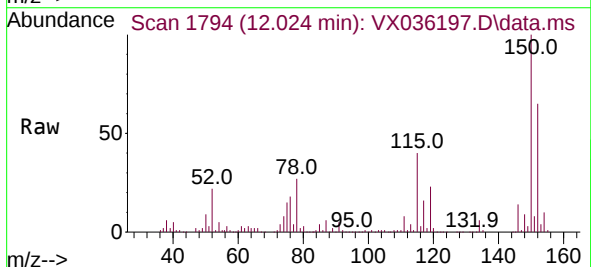
RT: 12.024 min Scan# 1794

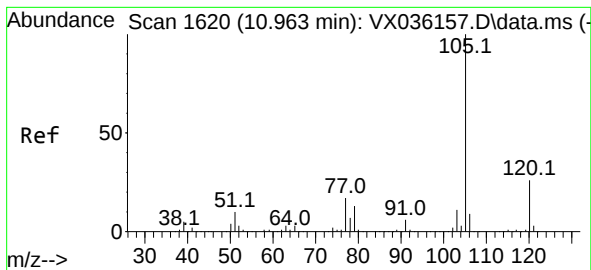
Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Tgt Ion:152 Resp: 122500
 Ion Ratio Lower Upper
 152 100
 115 85.1 43.3 129.9
 150 171.2 0.0 345.0





#73

Isopropylbenzene

Concen: 43.992 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 399872

Ion Ratio Lower Upper

105 100

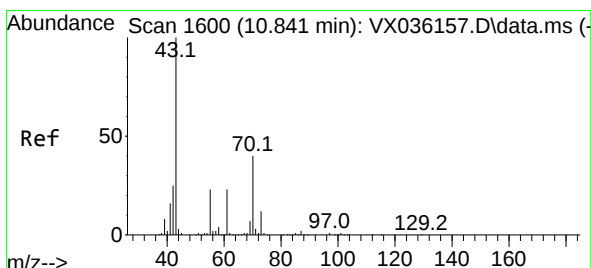
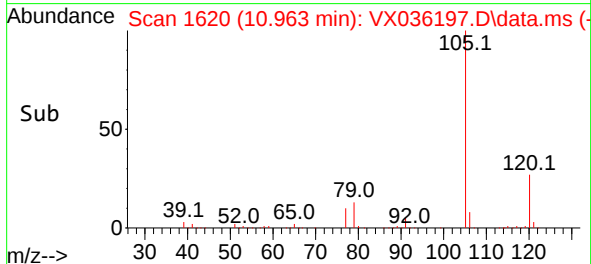
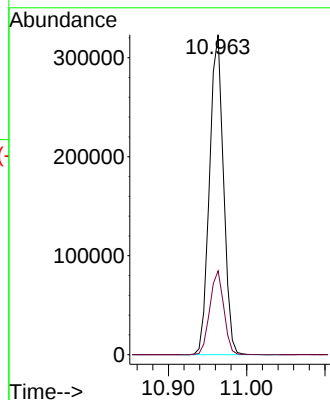
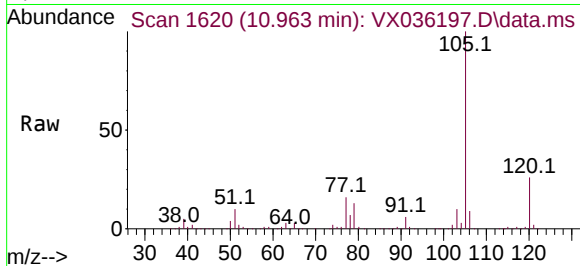
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#74

N-ethyl acetate

Concen: 57.387 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Tgt Ion: 43 Resp: 235720

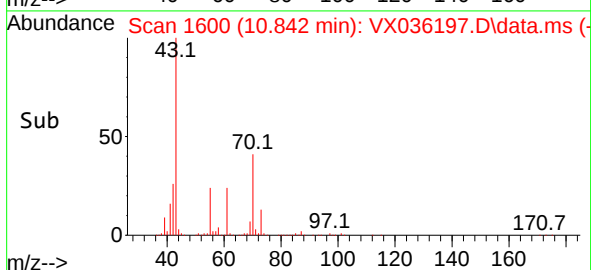
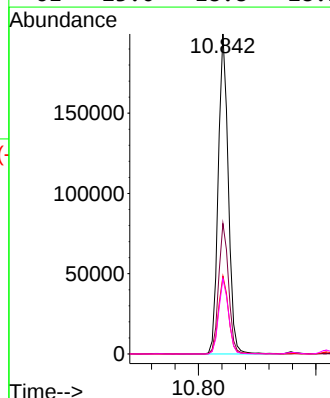
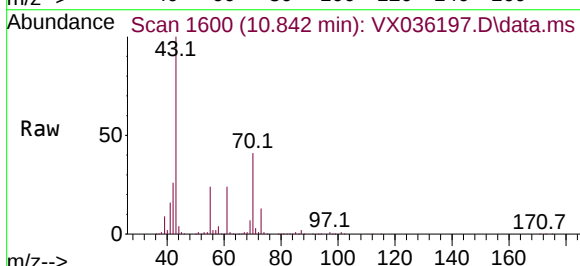
Ion Ratio Lower Upper

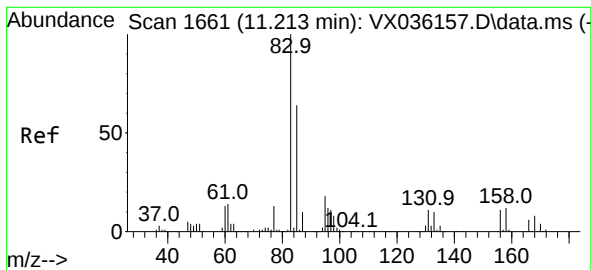
43 100

70 40.6 32.9 49.3

55 24.4 19.3 28.9

61 23.0 18.8 28.2





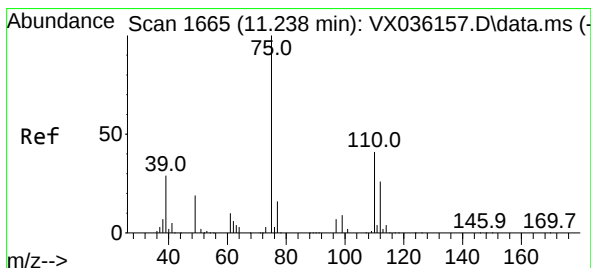
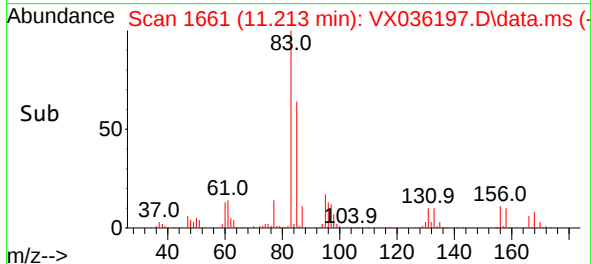
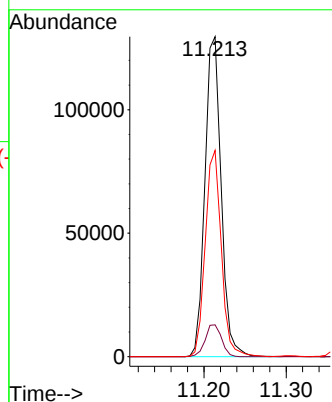
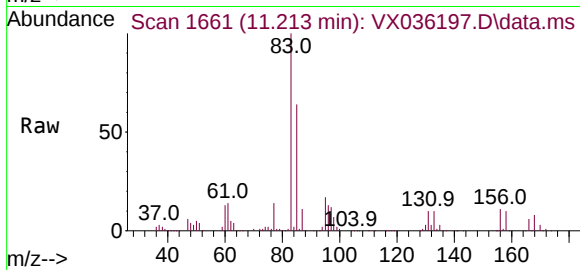
#75
1,1,2,2-Tetrachloroethane
Concen: 57.127 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 177802
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 63.8 32.0 96.2

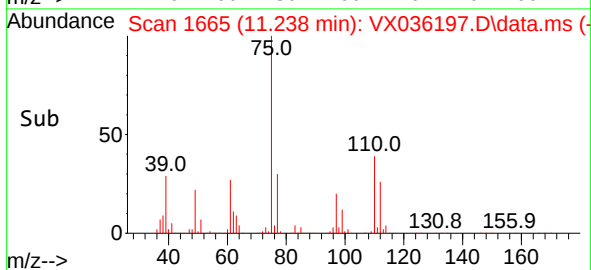
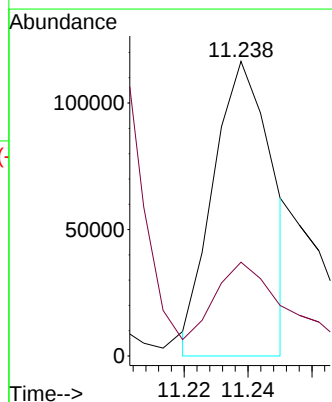
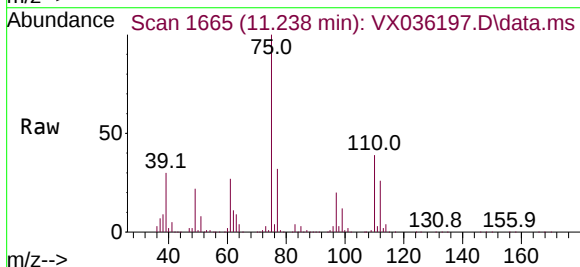
Manual Integrations
APPROVED

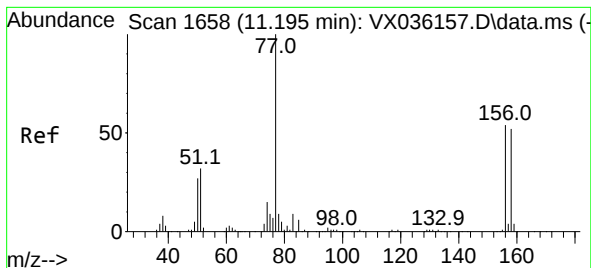
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#76
1,2,3-Trichloropropane
Concen: 51.164 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion: 75 Resp: 148746
Ion Ratio Lower Upper
75 100
77 41.7 19.1 57.5





#77

Bromobenzene

Concen: 49.337 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 10507

Ion Ratio Lower Upper

156 100

77 183.9 88.4 265.3

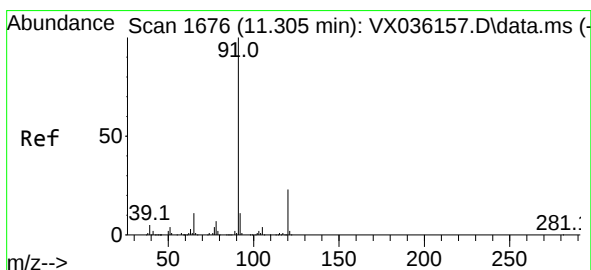
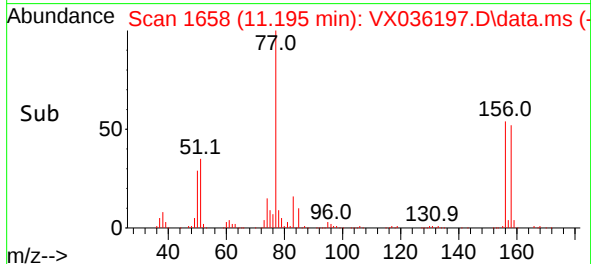
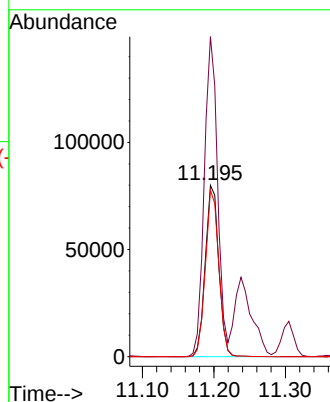
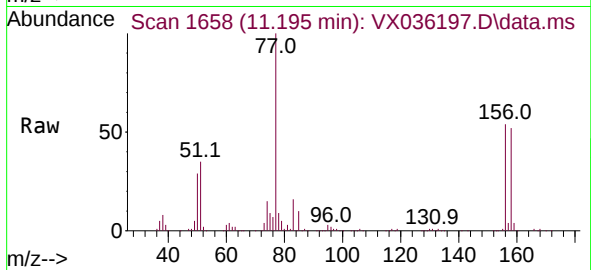
158 96.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 43.361 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036197.D

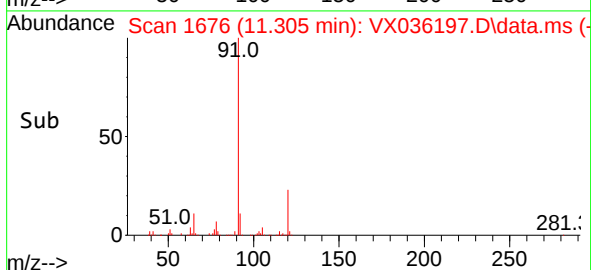
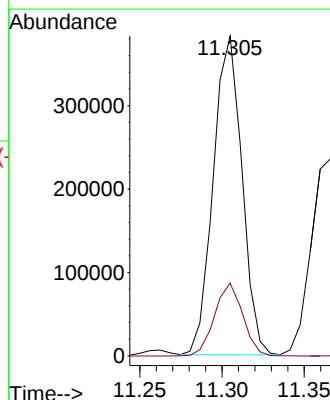
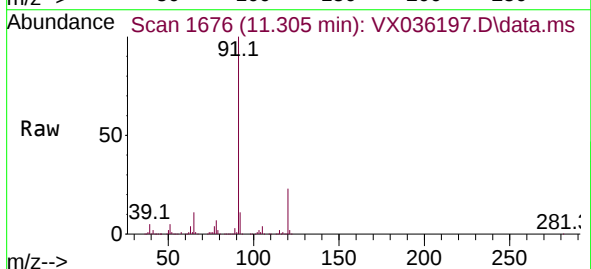
Acq: 16 Jun 2023 21:55

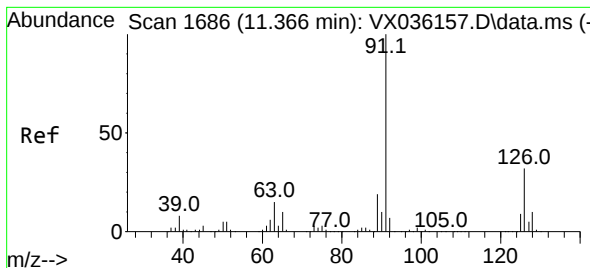
Tgt Ion: 91 Resp: 463662

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





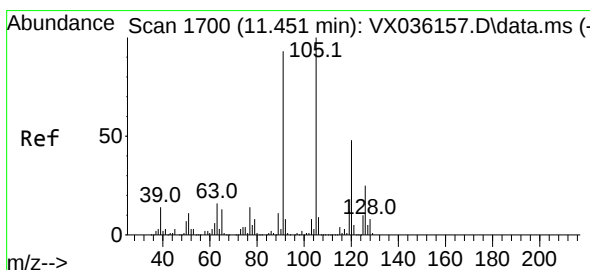
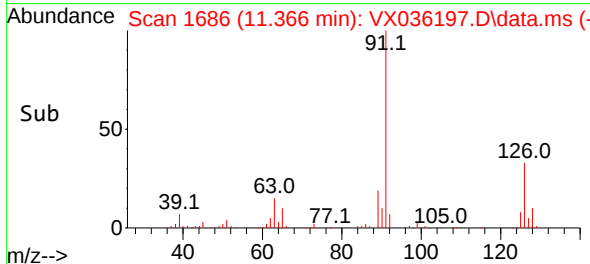
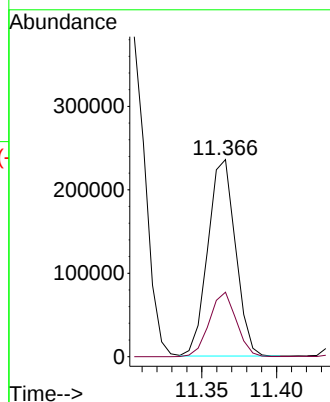
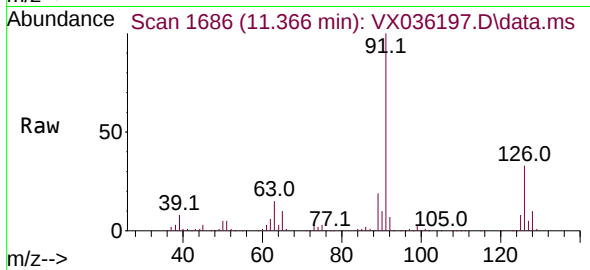
#79
2-Chlorotoluene
Concen: 45.084 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303223
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

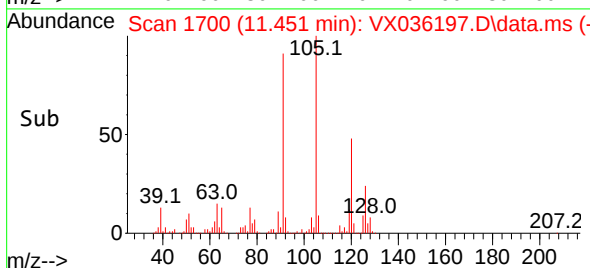
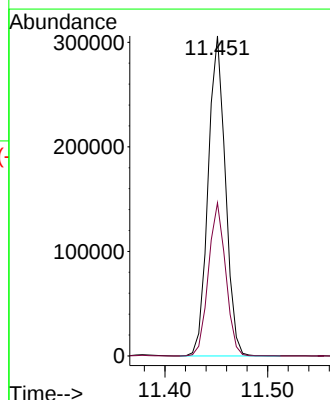
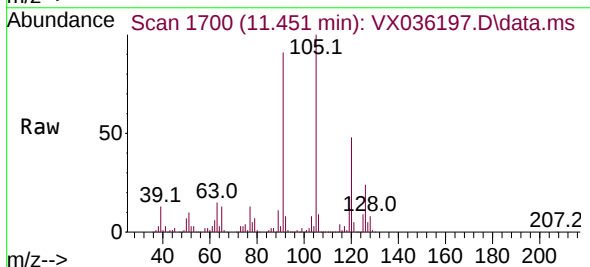
Manual Integrations
APPROVED

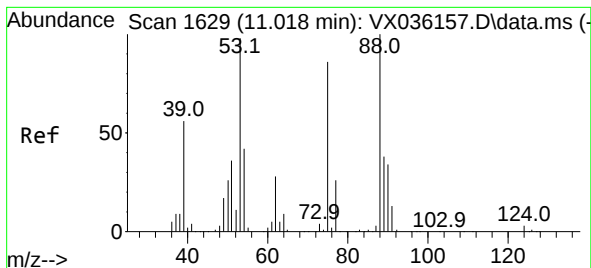
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.001 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:105 Resp: 356053
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





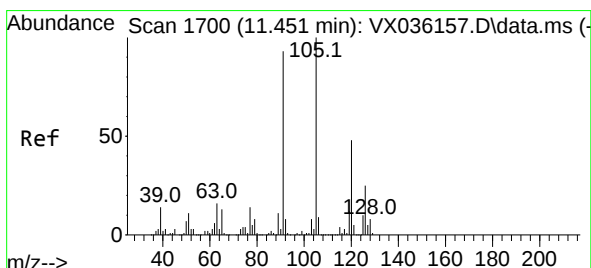
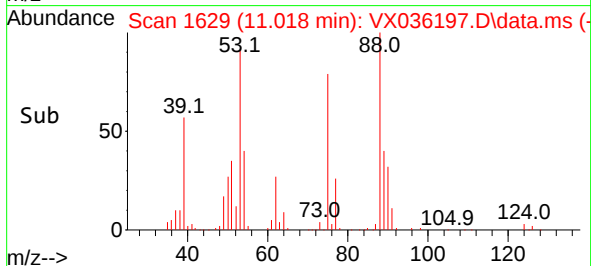
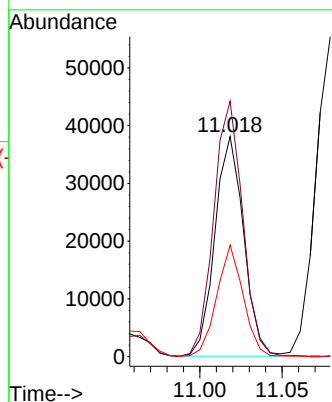
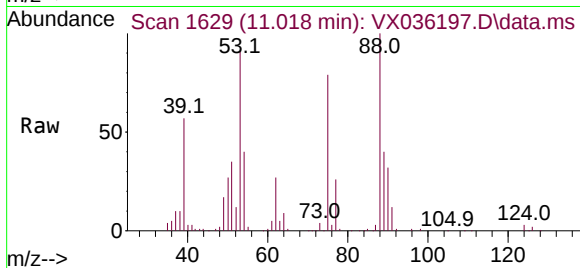
#81
trans-1,4-Dichloro-2-butene
Concen: 55.638 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4621
Ion Ratio Lower Upper
75 100
53 117.7 90.5 135.7
89 47.0 36.9 55.3

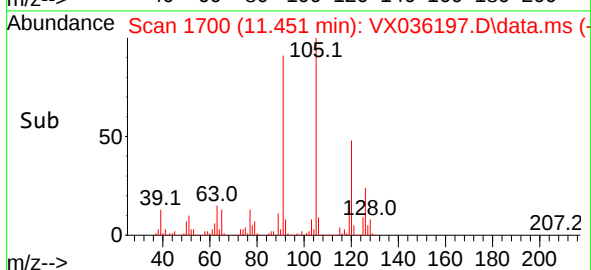
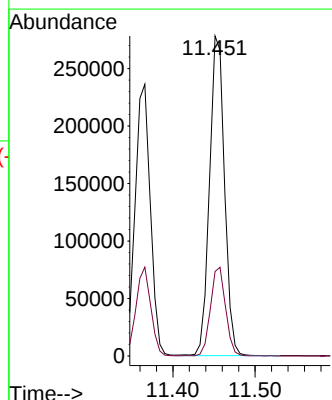
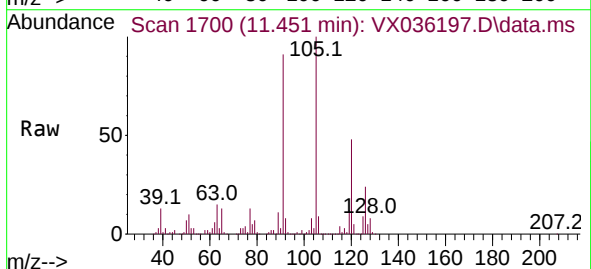
Manual Integrations
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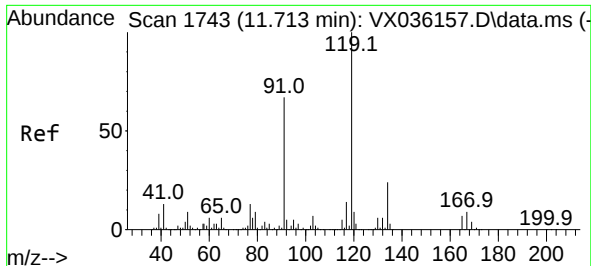
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 44.968 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

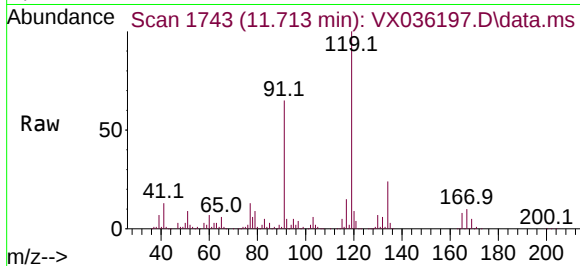
Tgt Ion: 91 Resp: 352389
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.905 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

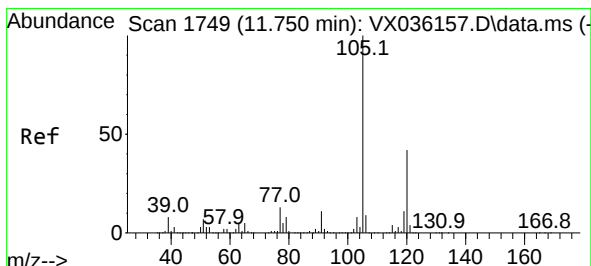
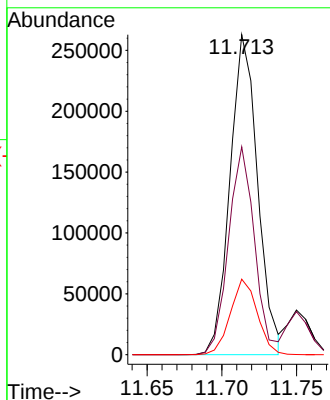
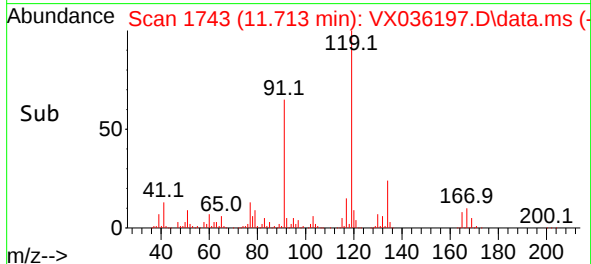
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



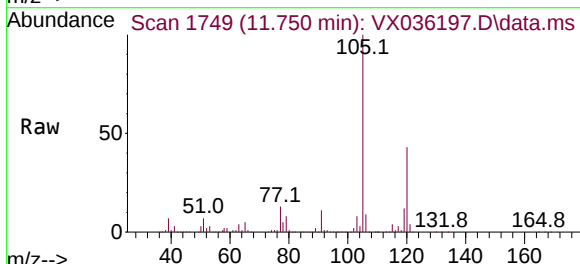
Tgt Ion:119 Resp: 337782
Ion Ratio Lower Upper
119 100
91 61.4 31.2 93.6
134 23.0 11.7 35.0

Manual Integrations
APPROVED

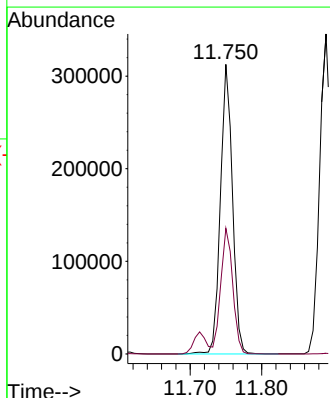
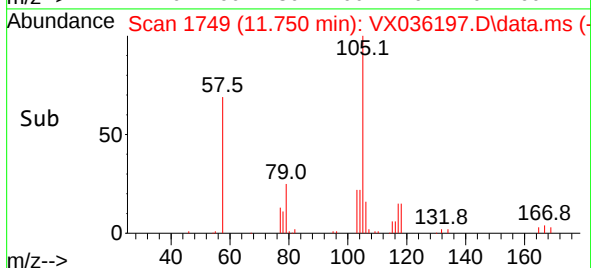
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

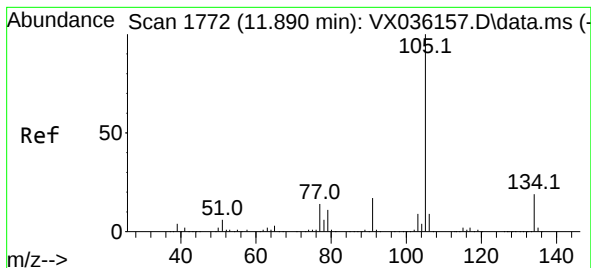


#84
1,2,4-Trimethylbenzene
Concen: 47.456 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55



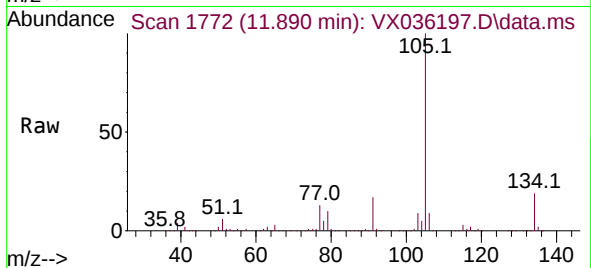
Tgt Ion:105 Resp: 366372
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 44.272 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036197.D
 Acq: 16 Jun 2023 21:55

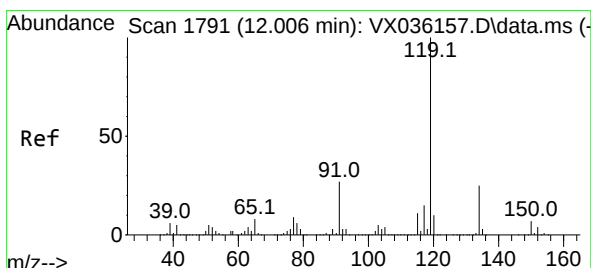
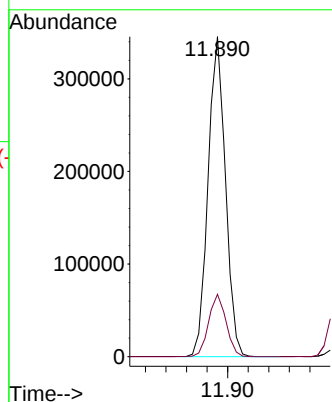
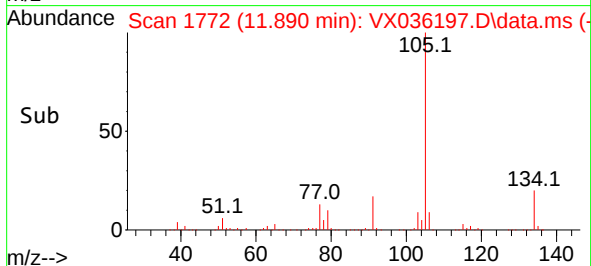
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



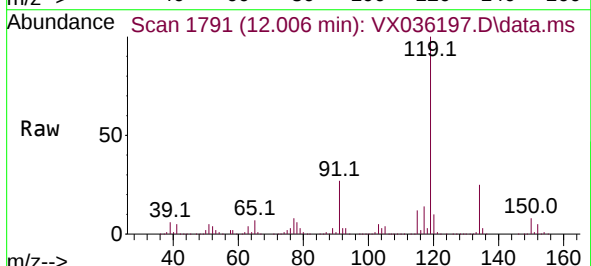
Tgt Ion:105 Resp: 40562
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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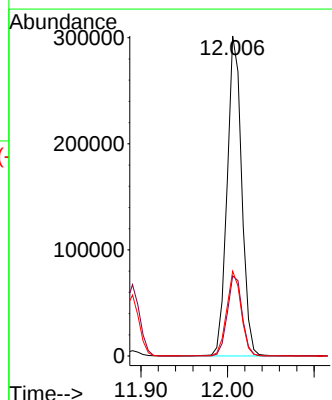
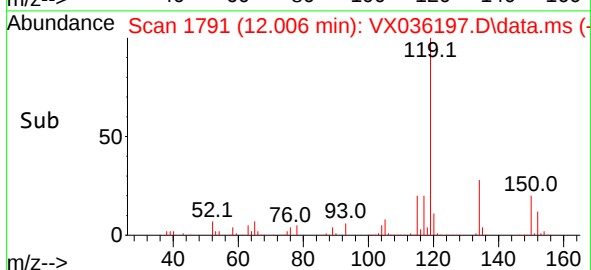
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

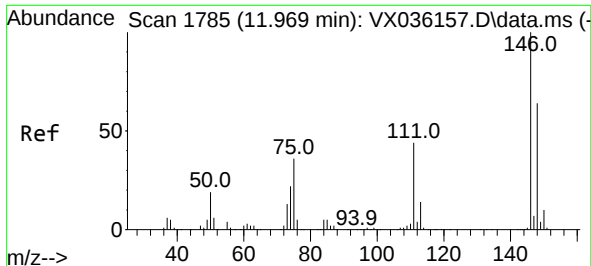


#86
 p-Isopropyltoluene
 Concen: 45.763 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036197.D
 Acq: 16 Jun 2023 21:55



Tgt Ion:119 Resp: 352762
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.334 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 19224

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

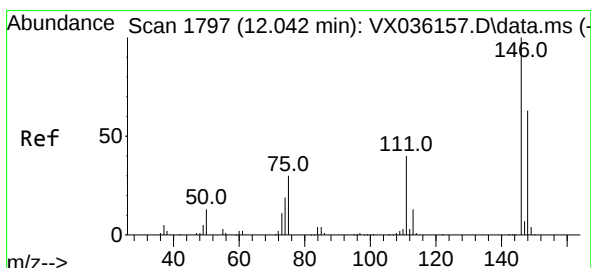
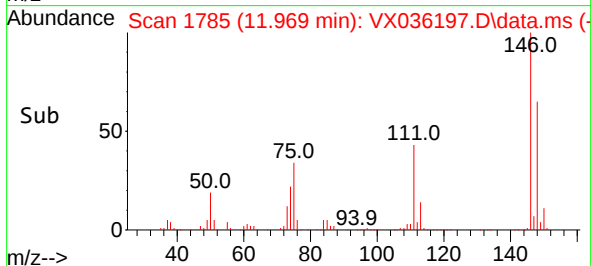
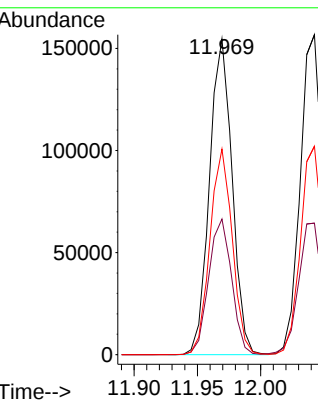
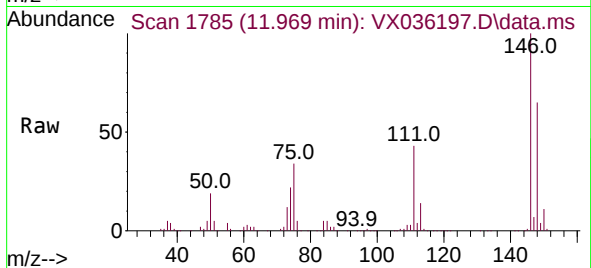
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#88

1,4-Dichlorobenzene

Concen: 47.050 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

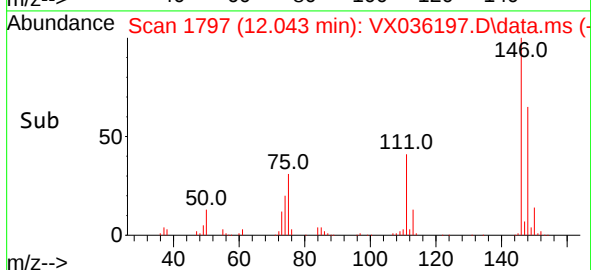
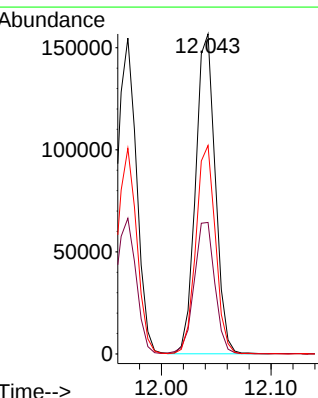
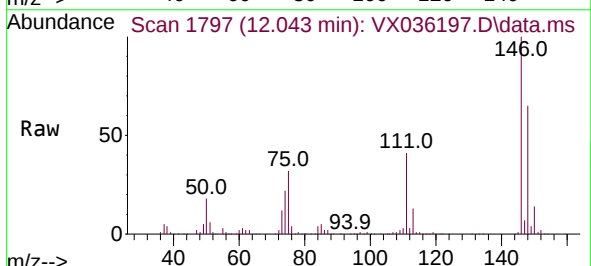
Tgt Ion:146 Resp: 195735

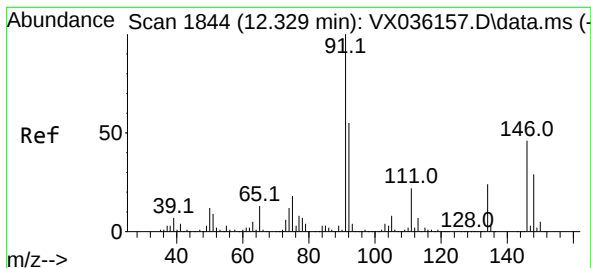
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

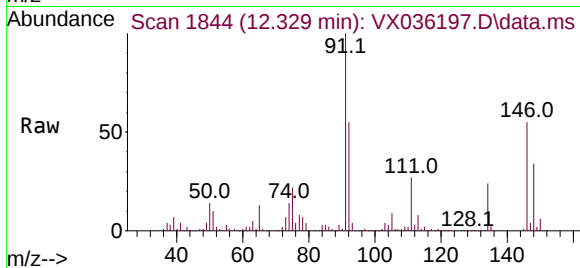
148 64.8 31.8 95.4





#89
n-Butylbenzene
Concen: 43.799 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

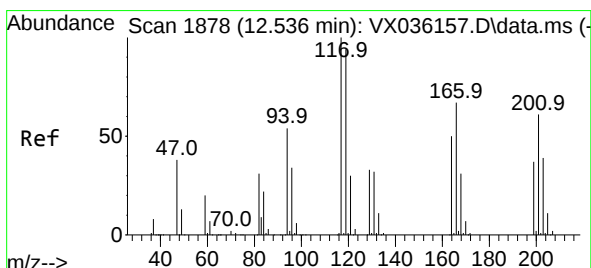
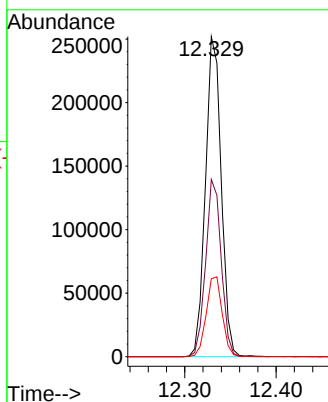
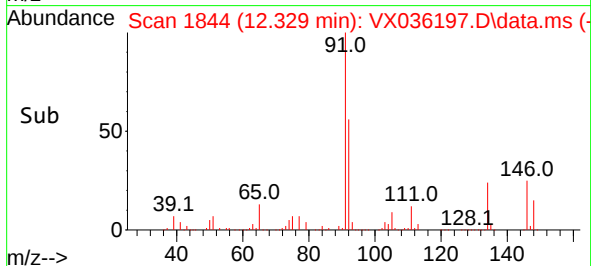
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 301308
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.2 12.6 37.8

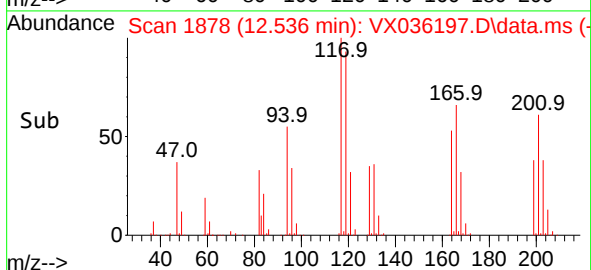
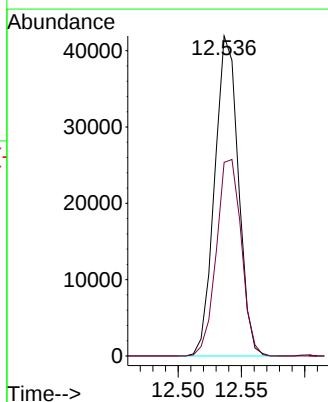
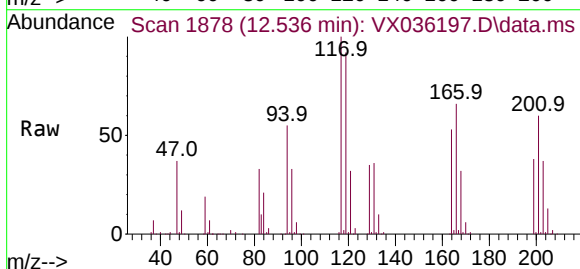
Manual Integrations
APPROVED

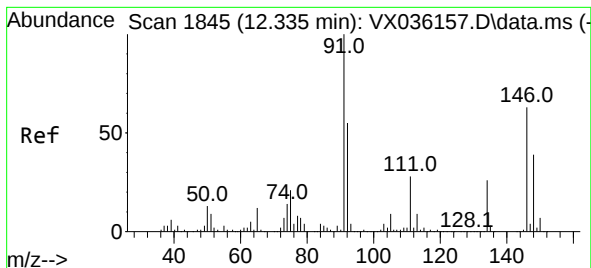
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 45.088 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

Tgt Ion:117 Resp: 54518
Ion Ratio Lower Upper
117 100
201 64.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.677 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 20200

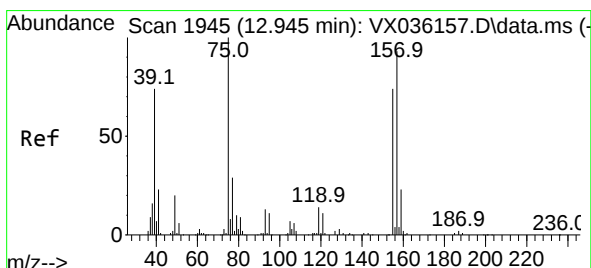
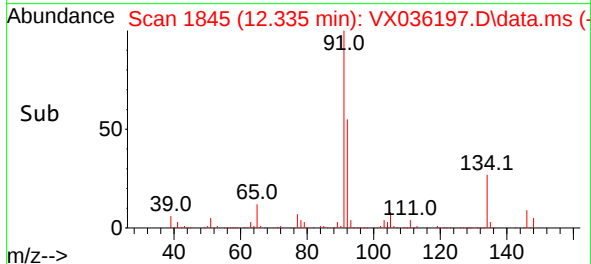
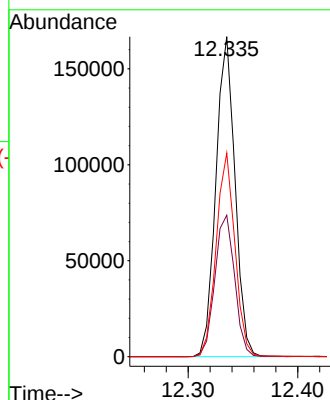
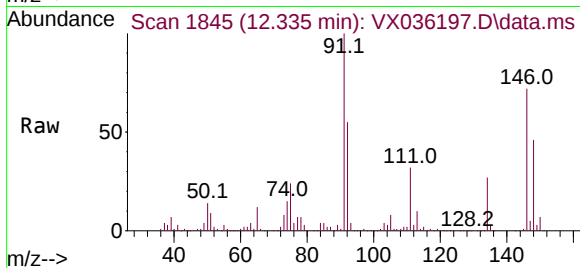
Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.4	67.0
148	62.7	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.801 ug/l

RT: 12.939 min Scan# 1944

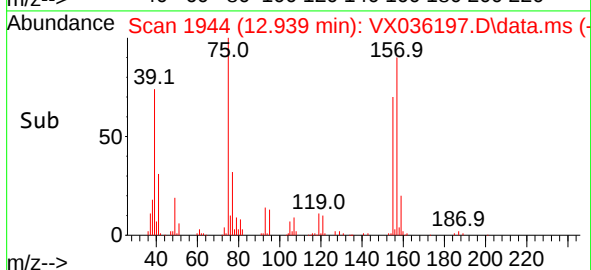
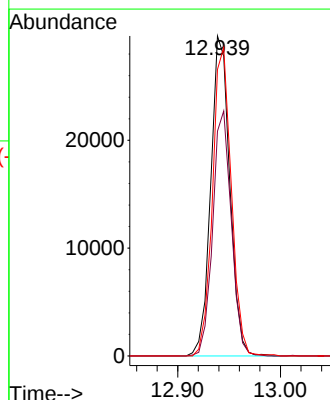
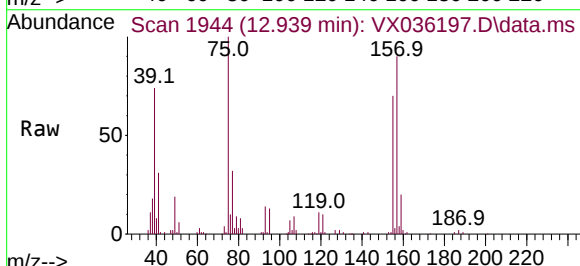
Delta R.T. -0.006 min

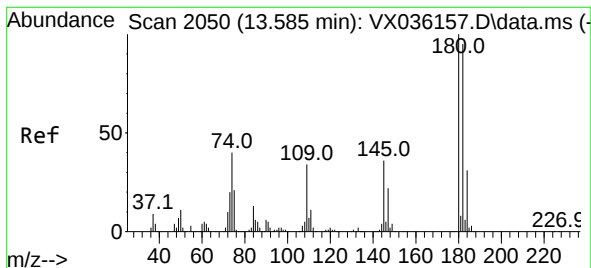
Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Tgt Ion: 75 Resp: 38307

Ion	Ratio	Lower	Upper
75	100		
155	74.4	36.1	108.5
157	94.9	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.960 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 11288

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

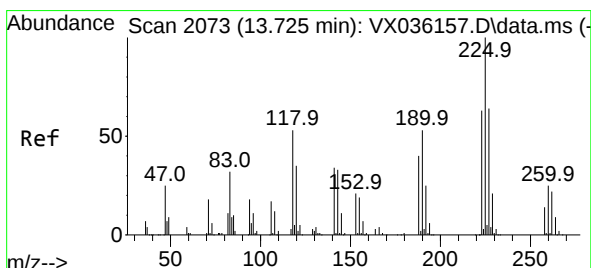
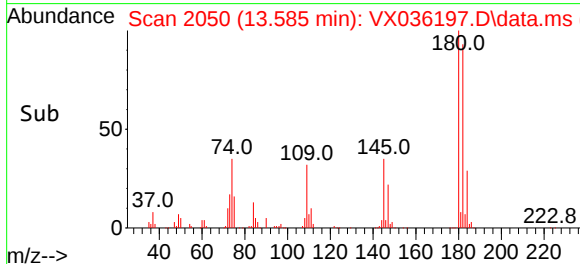
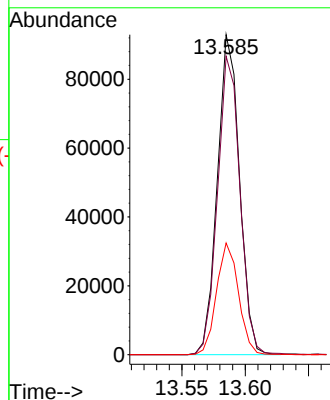
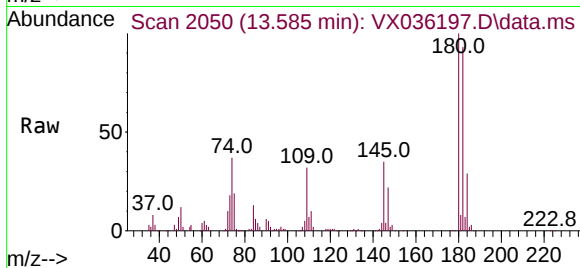
145 34.6 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 44.356 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036197.D

Acq: 16 Jun 2023 21:55

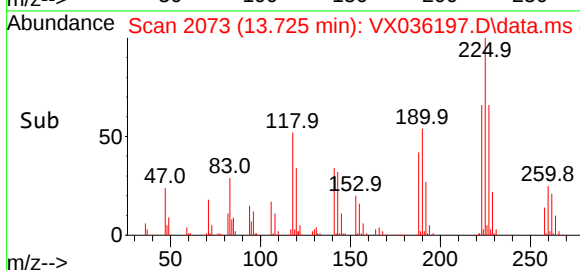
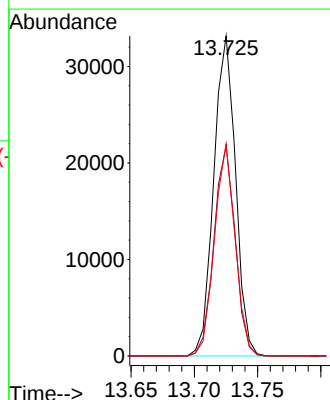
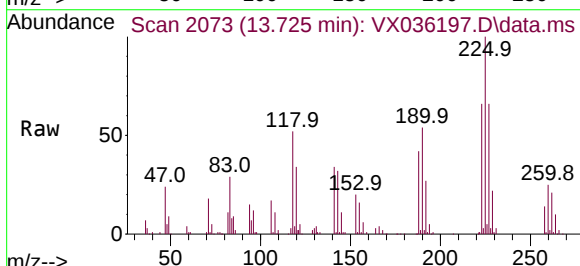
Tgt Ion:225 Resp: 39621

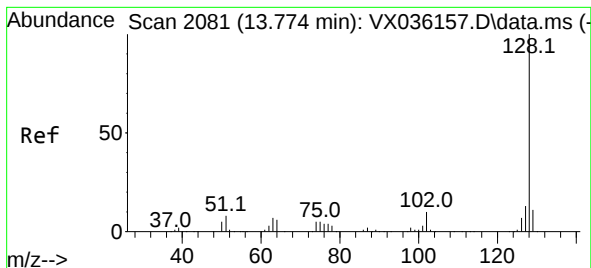
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

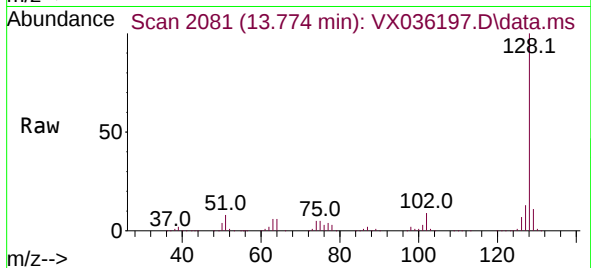
227 62.9 32.5 97.5





#95
Naphthalene
Concen: 58.250 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55

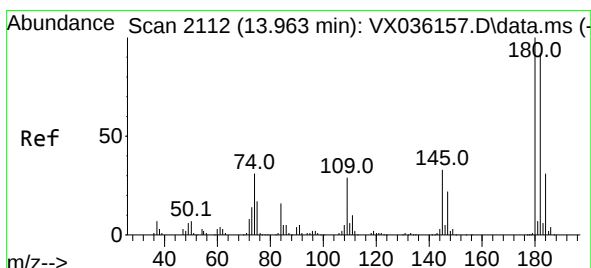
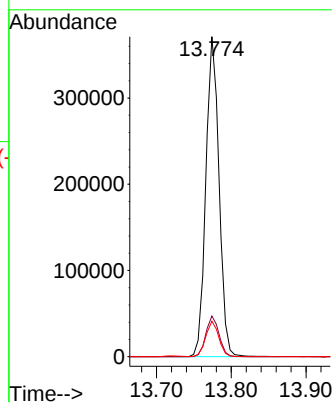
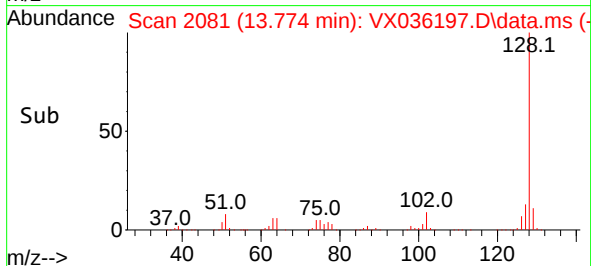
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



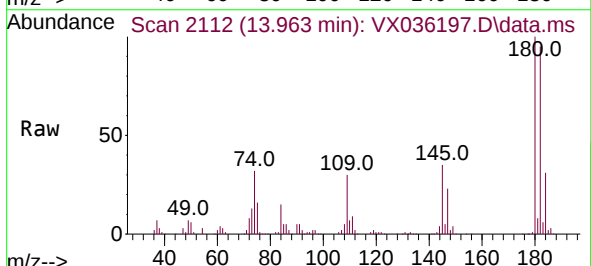
Tgt Ion:128 Resp: 453998
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.107 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036197.D
Acq: 16 Jun 2023 21:55



Tgt Ion:180 Resp: 115800
Ion Ratio Lower Upper
180 100
182 96.9 46.9 140.6
145 37.0 17.8 53.5

