

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036255.D
 Acq On : 20 Jun 2023 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 02:55:56 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	5.550	168	147380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129321	48.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	90100	50.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.647	98	332474	50.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.140%		
62) 4-Bromofluorobenzene	11.079	95	129425	48.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79243	43.804	ug/l	100
3) Chloromethane	1.294	50	86589	45.240	ug/l	96
4) Vinyl Chloride	1.374	62	86277	47.317	ug/l	99
5) Bromomethane	1.617	94	57029	50.881	ug/l	99
6) Chloroethane	1.691	64	70402	59.673	ug/l	98
7) Trichlorofluoromethane	1.886	101	144574	48.995	ug/l	99
8) Diethyl Ether	2.130	74	56273	51.236	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	89774	53.349	ug/l	98
10) Methyl Iodide	2.453	142	101469	58.480	ug/l	95
11) Tert butyl alcohol	2.995	59	98603m	239.475	ug/l	
12) 1,1-Dichloroethene	2.319	96	86520	54.372	ug/l	95
13) Acrolein	2.239	56	125999	275.556	ug/l	100
14) Allyl chloride	2.666	41	172080	53.445	ug/l	98
15) Acrylonitrile	3.068	53	293400	278.553	ug/l	99
16) Acetone	2.392	43	269691	241.017	ug/l	99
17) Carbon Disulfide	2.514	76	204838	52.079	ug/l	100
18) Methyl Acetate	2.703	43	235397	55.468	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	330961	53.130	ug/l	100
20) Methylene Chloride	2.788	84	101502	50.067	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	93594	52.938	ug/l	98
22) Diisopropyl ether	3.757	45	352014	54.941	ug/l	96
23) Vinyl Acetate	3.721	43	1268376	279.318	ug/l	100
24) 1,1-Dichloroethane	3.611	63	190896	53.926	ug/l	99
25) 2-Butanone	4.562	43	427287	272.759	ug/l	100
26) 2,2-Dichloropropane	4.477	77	128083	46.528	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	110396	54.605	ug/l	99
28) Bromochloromethane	4.897	49	97235	52.692	ug/l	96
29) Tetrahydrofuran	5.007	42	275033	276.437	ug/l	99
30) Chloroform	5.092	83	190950	51.218	ug/l	97
31) Cyclohexane	5.470	56	160234	55.458	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	160442	50.760	ug/l	98
36) 1,1-Dichloropropene	5.690	75	140028	52.884	ug/l	99
37) Ethyl Acetate	4.715	43	164603	53.357	ug/l	99
38) Carbon Tetrachloride	5.678	117	128974	50.107	ug/l	98
39) Methylcyclohexane	7.385	83	161289	56.559	ug/l	97
40) Benzene	6.037	78	395799	53.156	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	92705	54.507	ug/l	99
42) 1,2-Dichloroethane	6.086	62	165330	49.287	ug/l	100
43) Isopropyl Acetate	6.342	43	265549	56.247	ug/l	99
44) Trichloroethene	7.123	130	97370	52.330	ug/l	96
45) 1,2-Dichloropropane	7.427	63	107070	54.087	ug/l	100
46) Dibromomethane	7.580	93	73956	52.443	ug/l	98
47) Bromodichloromethane	7.824	83	140645	51.949	ug/l	98
48) Methyl methacrylate	7.690	41	132124	54.547	ug/l	98
49) 1,4-Dioxane	7.708	88	49176	1212.593	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	839522	281.621	ug/l	99
52) Toluene	8.720	92	246841	52.949	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	150840	54.091	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	165008	55.178	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	102026	53.013	ug/l	94
56) Ethyl methacrylate	9.116	69	165921	57.072	ug/l	94
57) 1,3-Dichloropropane	9.311	76	180426	52.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	433769	270.701	ug/l	98
59) 2-Hexanone	9.433	43	628473	283.578	ug/l	99
60) Dibromochloromethane	9.519	129	98712	52.549	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108073	53.857	ug/l	98
64) Tetrachloroethene	9.275	164	80532	53.795	ug/l	97
65) Chlorobenzene	10.079	112	262453	52.639	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92337	53.666	ug/l	99
67) Ethyl Benzene	10.195	91	488641	54.876	ug/l	99
68) m/p-Xylenes	10.299	106	363963	108.338	ug/l	99
69) o-Xylene	10.640	106	179479	54.149	ug/l	98
70) Styrene	10.652	104	296664	53.716	ug/l	99
71) Bromoform	10.799	173	64817	54.719	ug/l #	99
73) Isopropylbenzene	10.963	105	472182	55.678	ug/l	99
74) N-amyl acetate	10.841	43	231563	60.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	161561	55.637	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137230m	50.593	ug/l	
77) Bromobenzene	11.195	156	105526	53.110	ug/l	95
78) n-propylbenzene	11.305	91	567038	56.837	ug/l	99
79) 2-Chlorotoluene	11.366	91	336758	53.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	400159	55.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	44409	57.307	ug/l	97
82) 4-Chlorotoluene	11.451	91	393743	53.854	ug/l	99
83) tert-Butylbenzene	11.713	119	381412	55.558	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	401074	55.682	ug/l	97
85) sec-Butylbenzene	11.890	105	499056	58.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	409007	56.870	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	202039	53.319	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	204891	52.789	ug/l	99
89) n-Butylbenzene	12.329	91	377064	58.748	ug/l	98
90) Hexachloroethane	12.536	117	65199	57.794	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	197432	53.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34415	53.732	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	117930	55.940	ug/l	97
94) Hexachlorobutadiene	13.725	225	44941	53.926	ug/l	98
95) Naphthalene	13.774	128	417149	57.366	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116831	55.265	ug/l	100

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

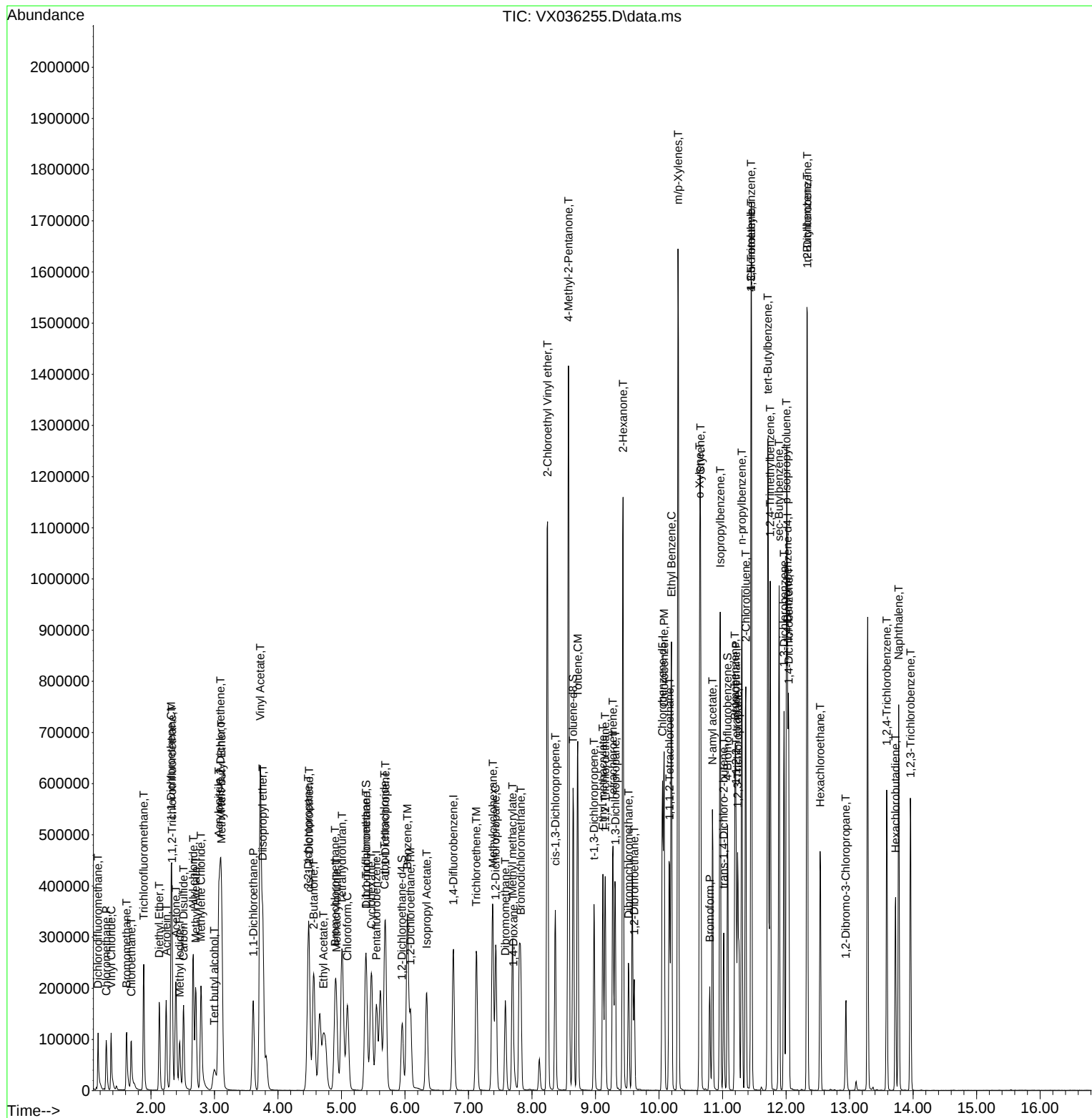
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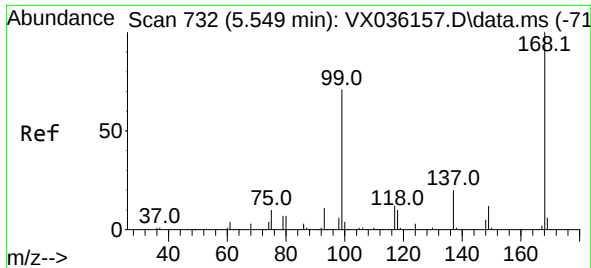
Instrument :
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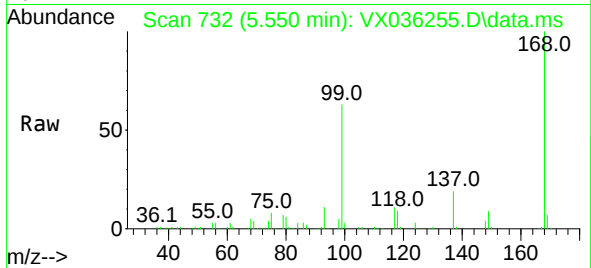
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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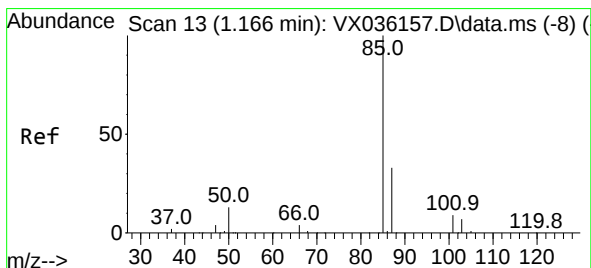
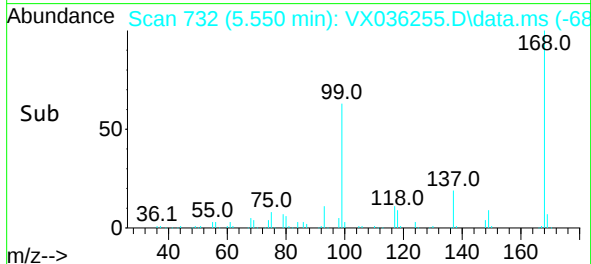
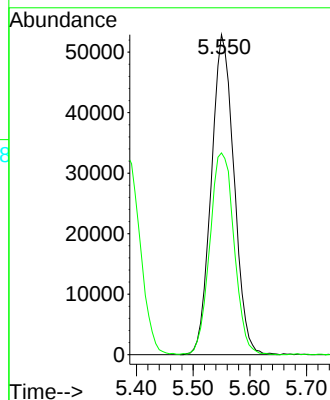
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 147380
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

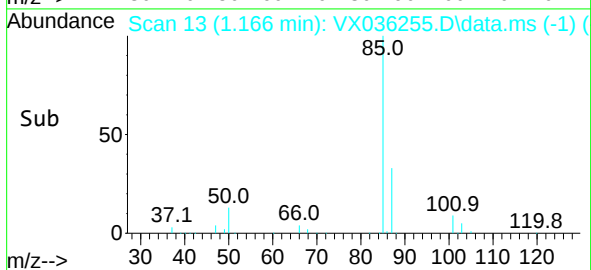
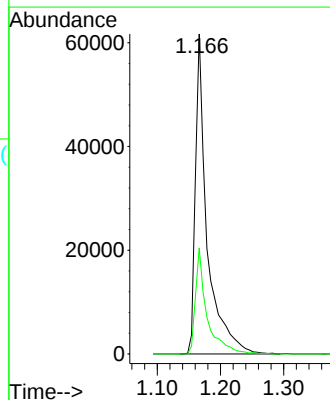
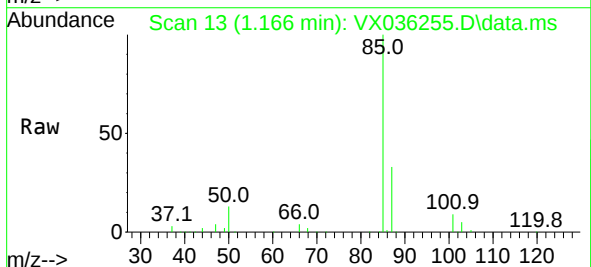
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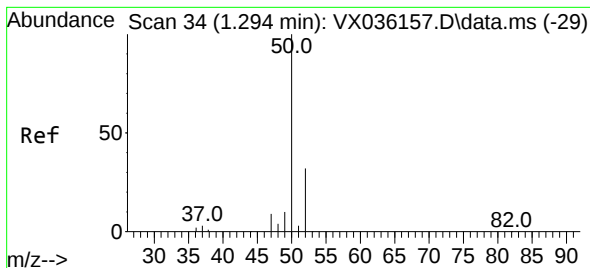
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 43.804 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Tgt Ion: 85 Resp: 79243
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3

Chloromethane

Concen: 45.240 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 86589

Ion Ratio Lower Upper

50 100

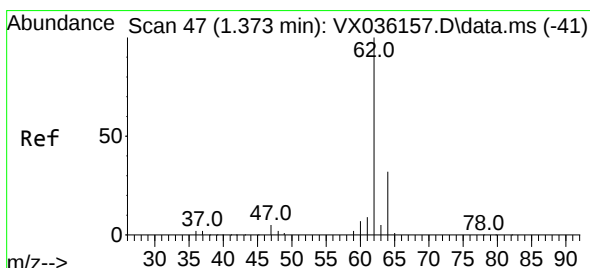
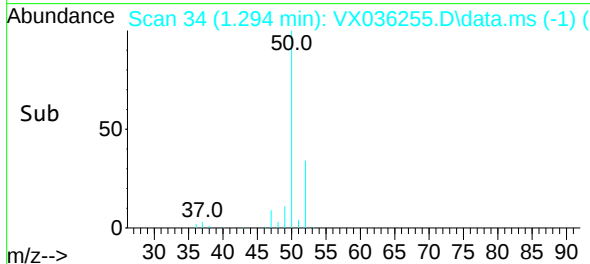
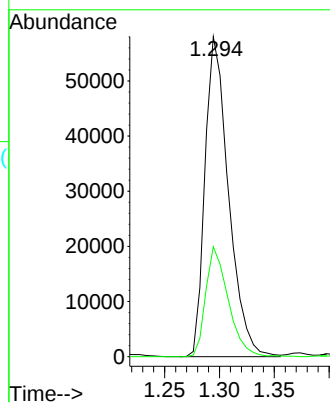
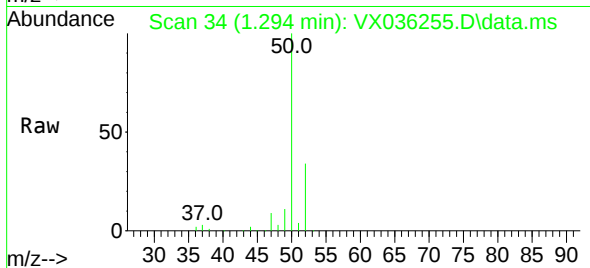
52 34.4 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023



#4

Vinyl Chloride

Concen: 47.317 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036255.D

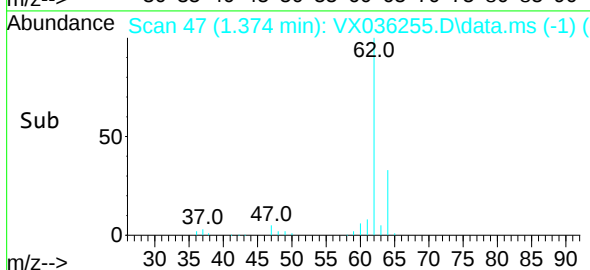
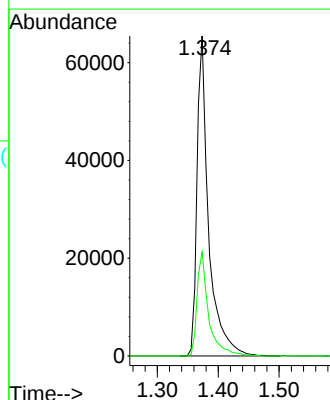
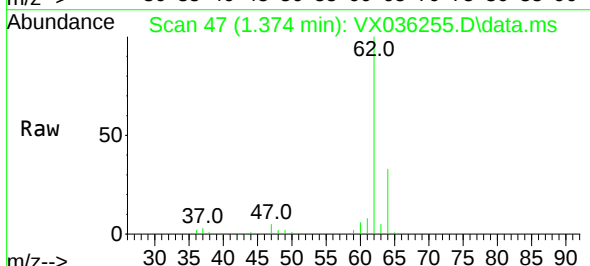
Acq: 20 Jun 2023 19:59

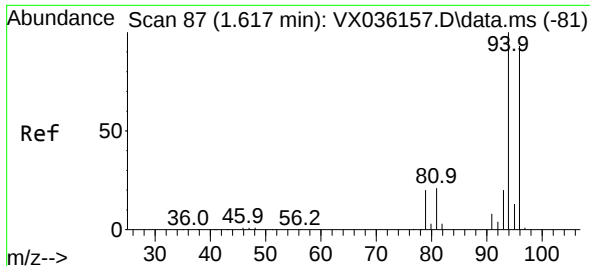
Tgt Ion: 62 Resp: 86277

Ion Ratio Lower Upper

62 100

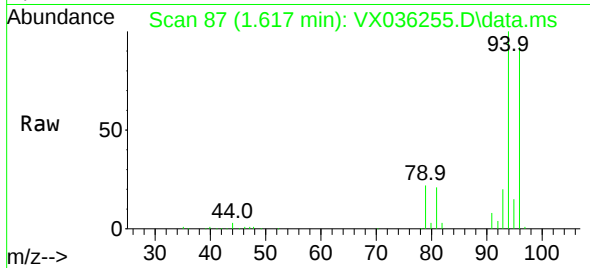
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 50.881 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

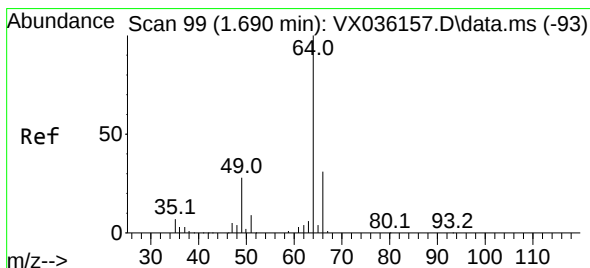
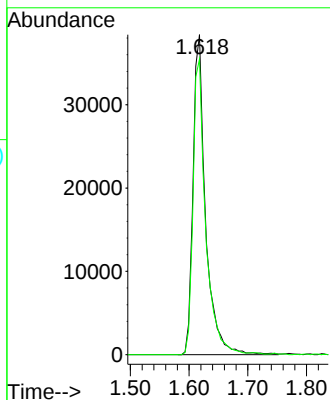
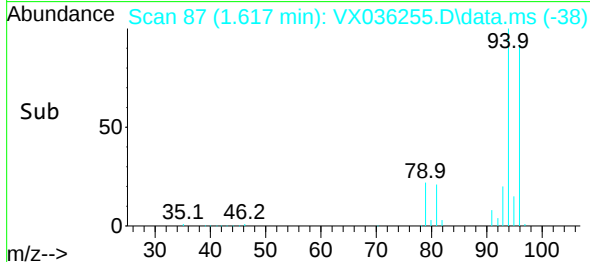
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Tgt Ion: 94 Resp: 57029
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8

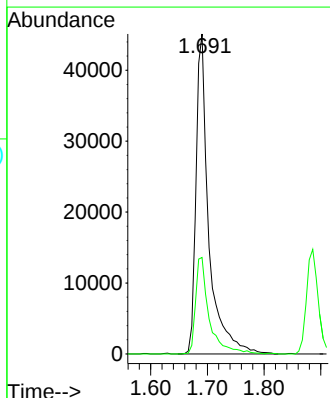
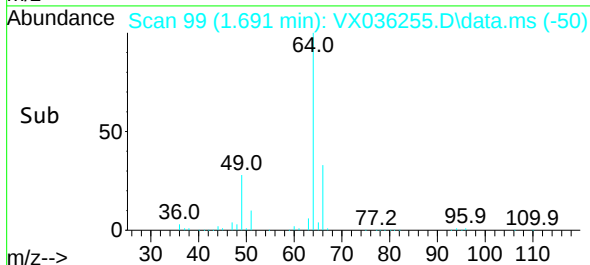
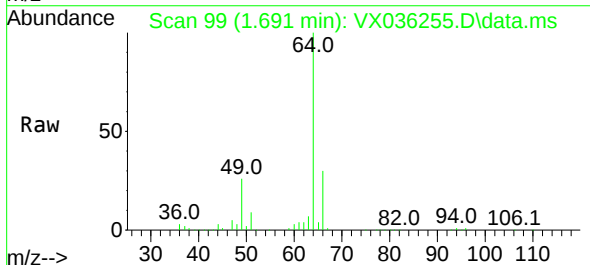
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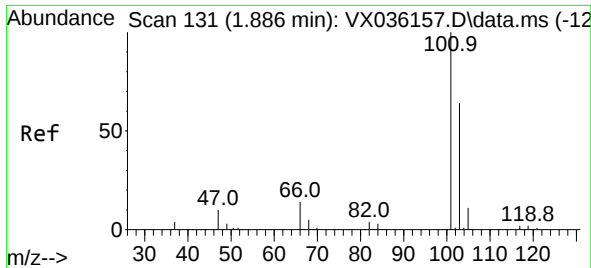
Reviewed By :John Carlone 06/22/2023
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#6
Chloroethane
Concen: 59.673 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

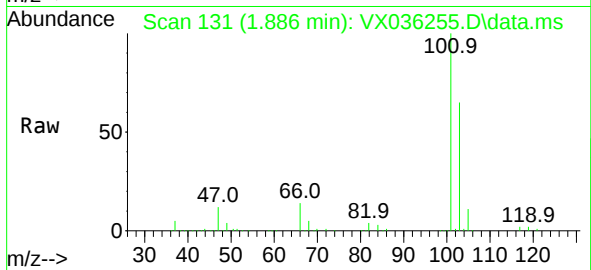
Tgt Ion: 64 Resp: 70402
Ion Ratio Lower Upper
64 100
66 30.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.995 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

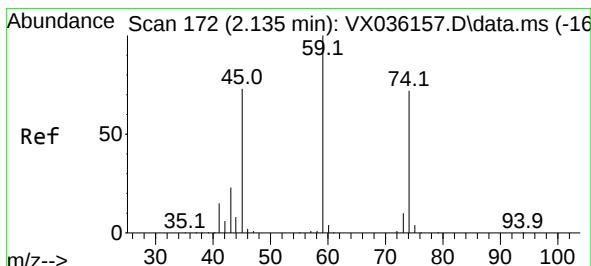
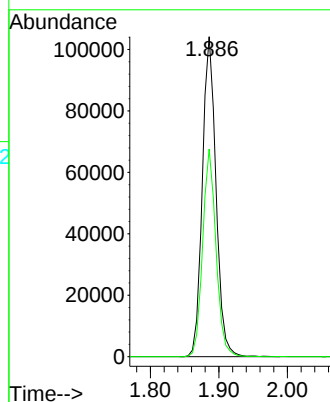
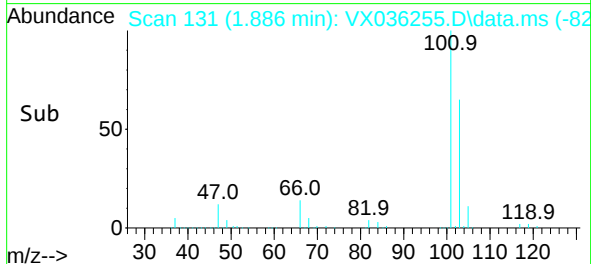
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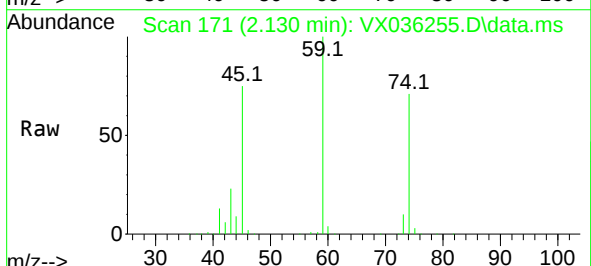
Tgt Ion:101 Resp: 144574
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

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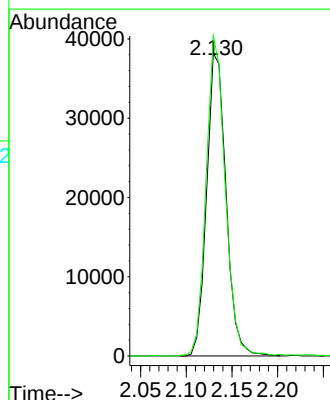
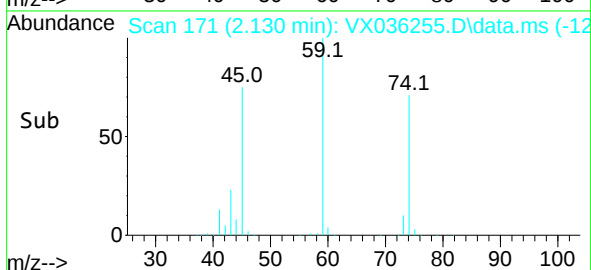
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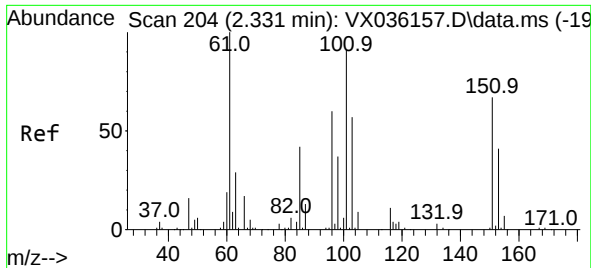


#8
Diethyl Ether
Concen: 51.236 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 74 Resp: 56273
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.8





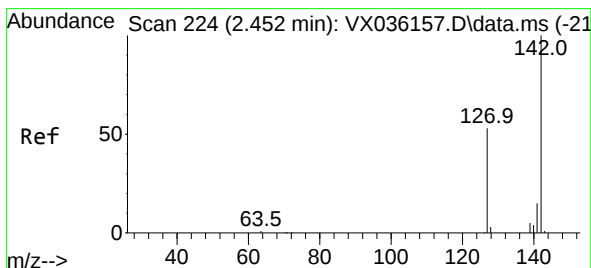
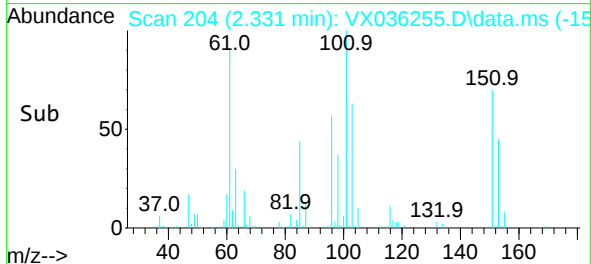
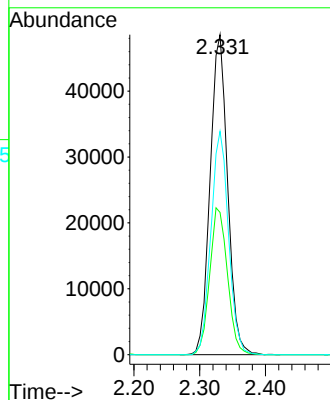
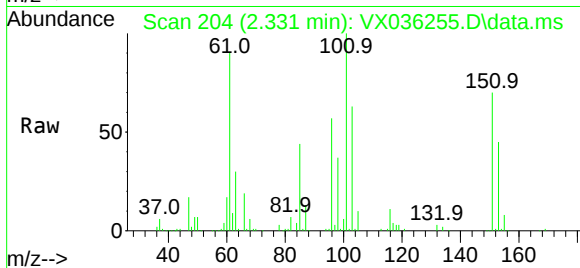
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.349 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89774
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 70.5 58.6 87.8

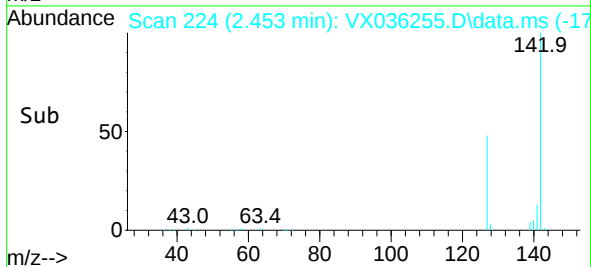
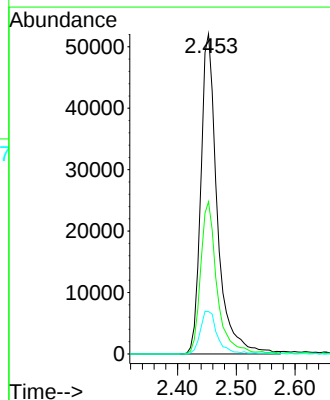
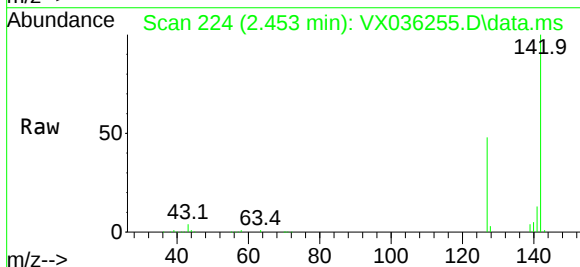
Manual Integrations
APPROVED

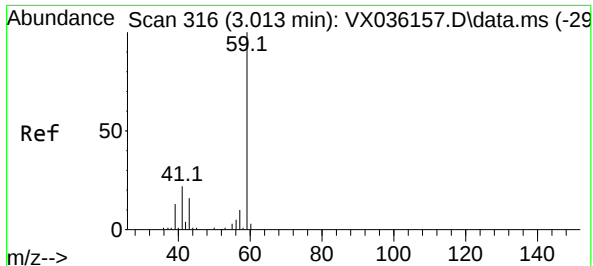
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 58.480 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

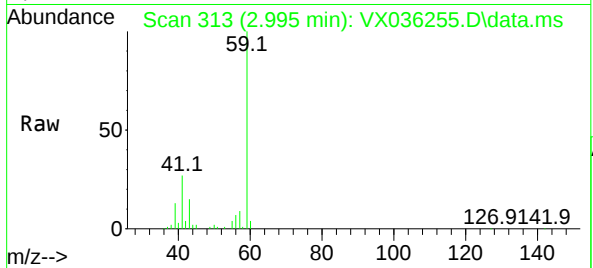
Tgt Ion:142 Resp: 101469
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 239.475 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

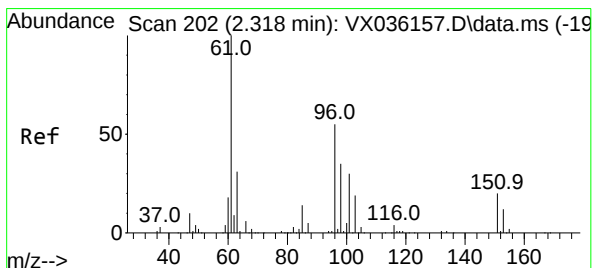
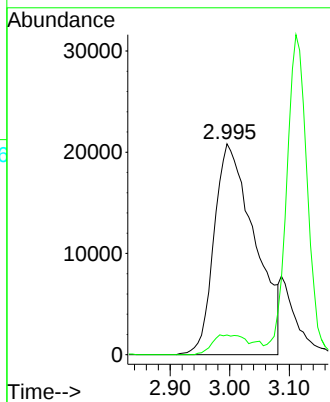
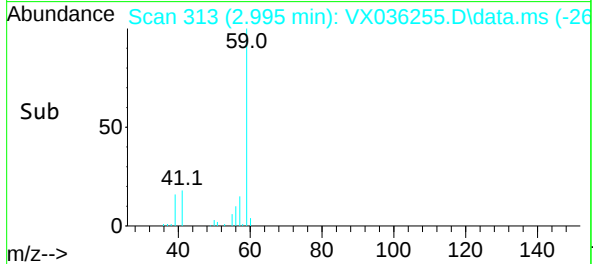
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 9860
Ion Ratio Lower Upper
59 100
57 7.9 6.0 9.0

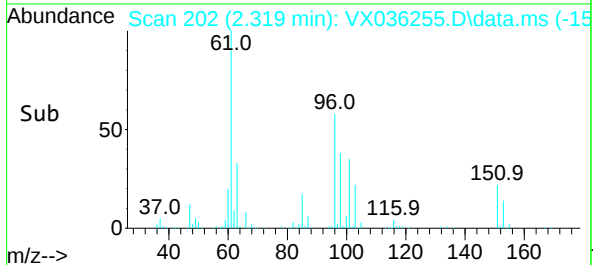
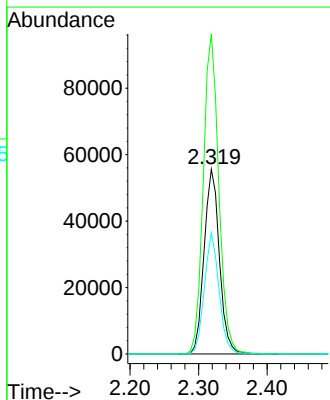
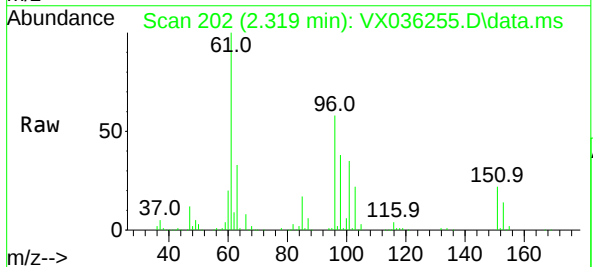
Manual Integrations
APPROVED

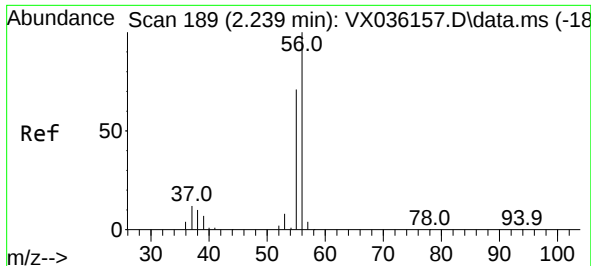
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#12
1,1-Dichloroethene
Concen: 54.372 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Tgt Ion: 96 Resp: 86520
Ion Ratio Lower Upper
96 100
61 173.1 144.6 216.8
98 65.5 50.4 75.6





#13

Acrolein

Concen: 275.556 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 125999

Ion Ratio Lower Upper

56 100

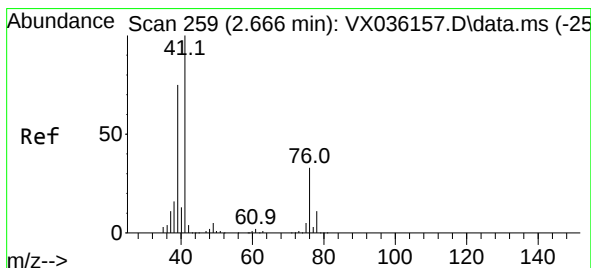
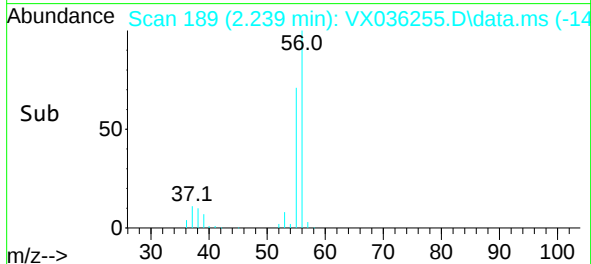
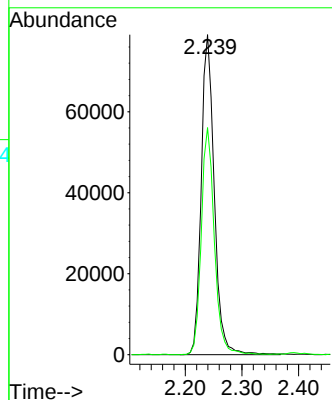
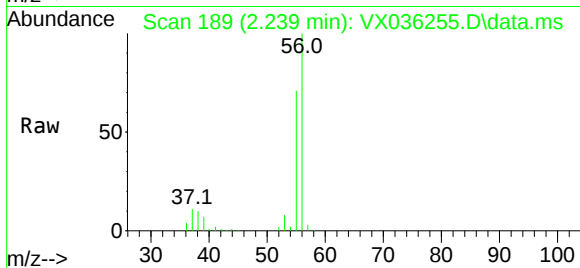
55 71.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#14

Allyl chloride

Concen: 53.445 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

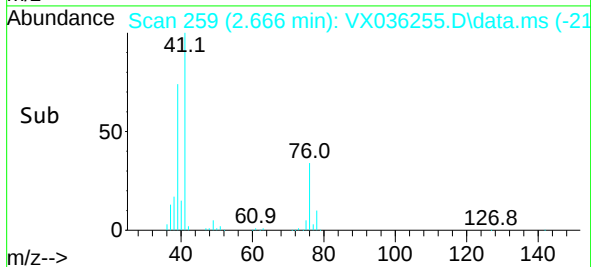
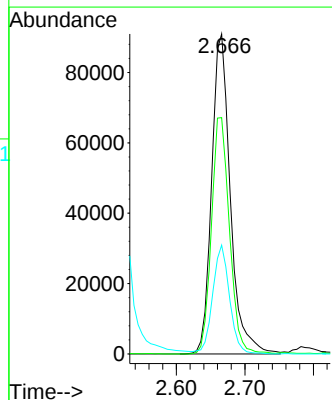
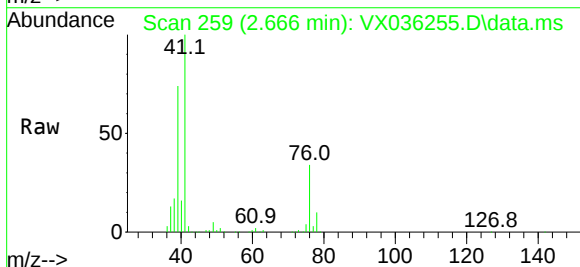
Tgt Ion: 41 Resp: 172080

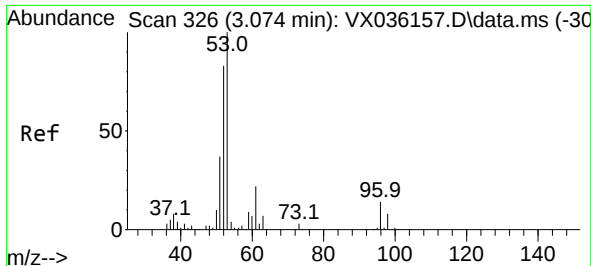
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

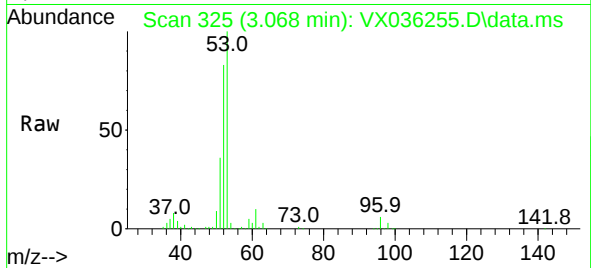
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 278.553 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

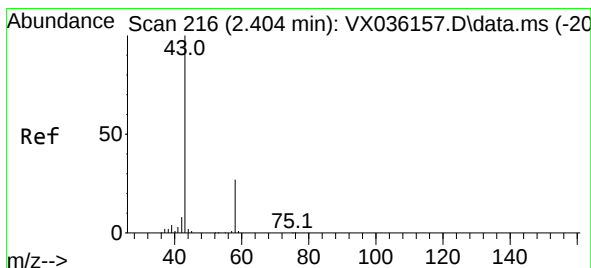
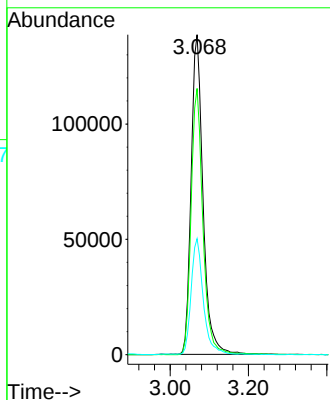
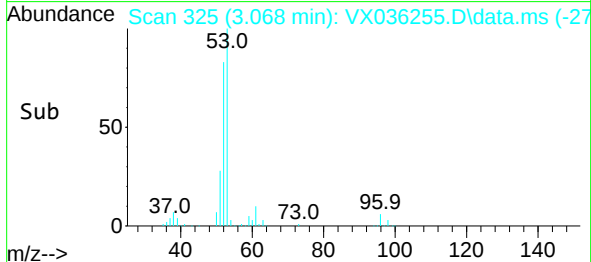
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



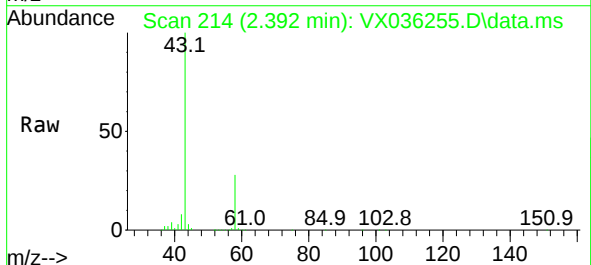
Tgt Ion: 53 Resp: 293400
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.4 29.8 44.6

Manual Integrations
APPROVED

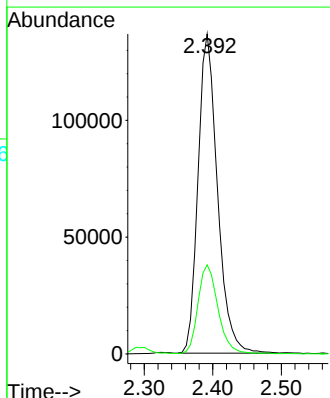
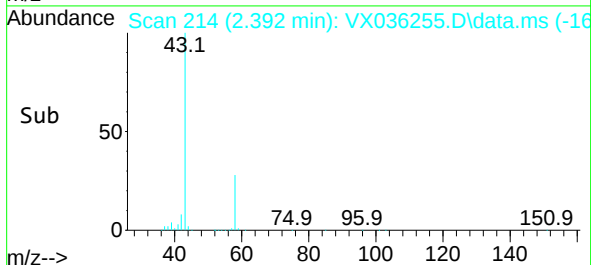
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

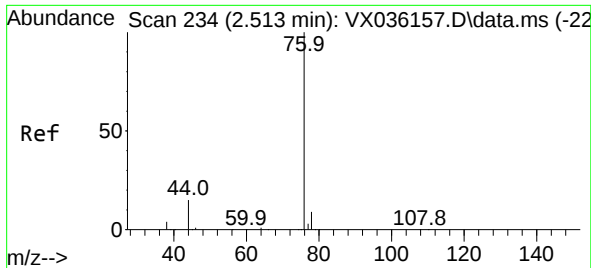


#16
Acetone
Concen: 241.017 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 43 Resp: 269691
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9





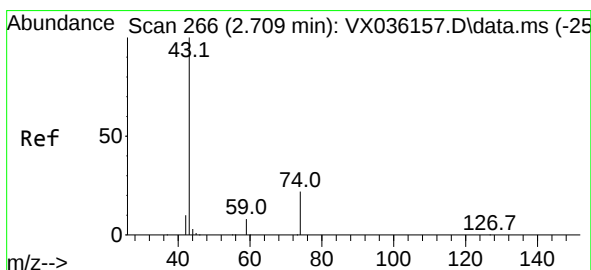
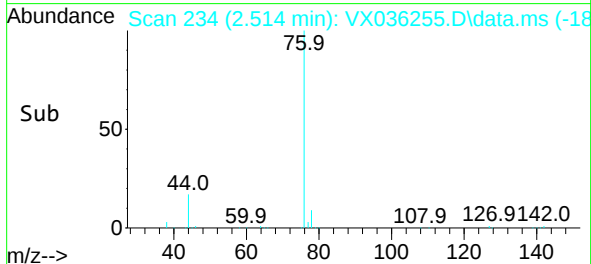
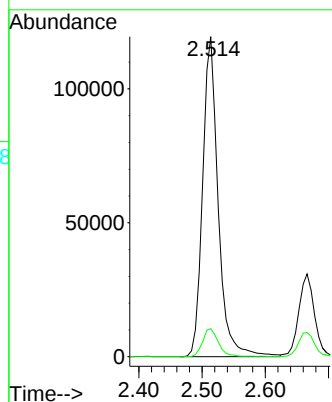
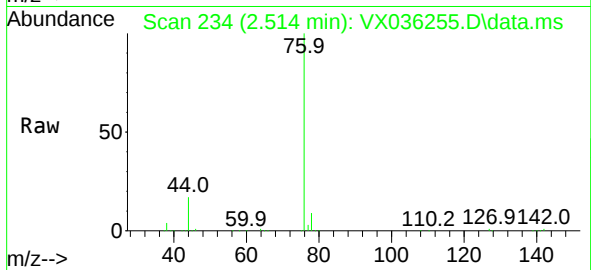
#17
Carbon Disulfide
Concen: 52.079 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 204838
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

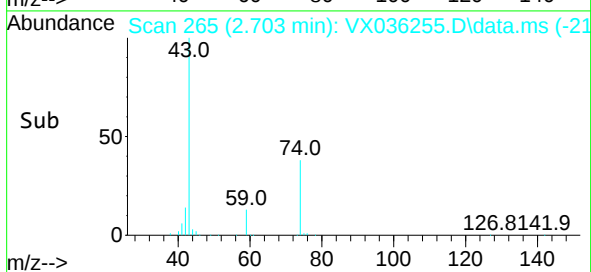
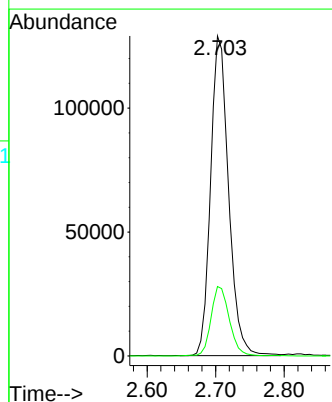
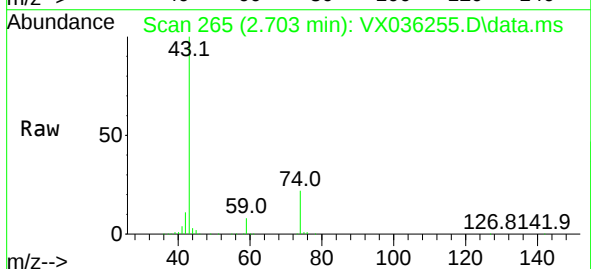
Manual Integrations
APPROVED

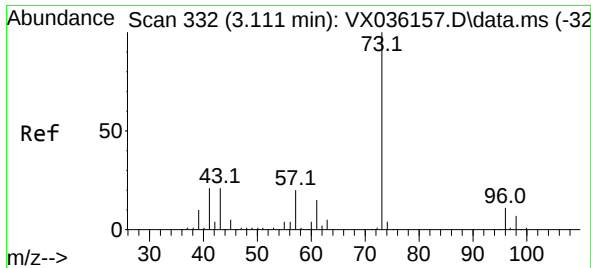
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 55.468 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Tgt Ion: 43 Resp: 235397
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





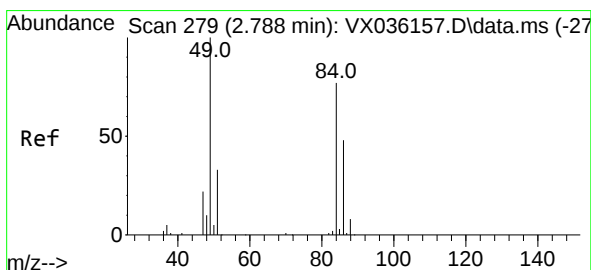
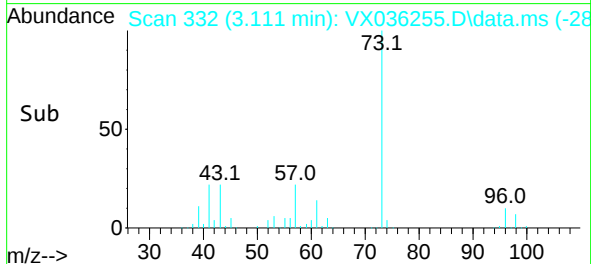
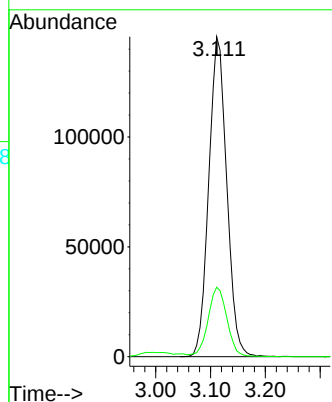
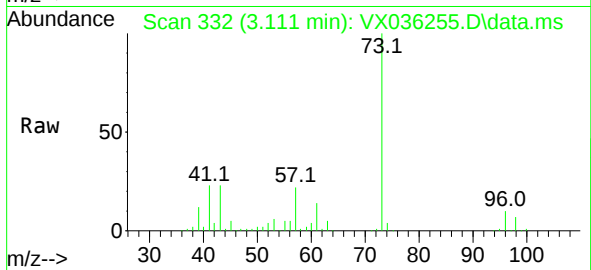
#19
Methyl tert-butyl Ether
Concen: 53.130 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 33096
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

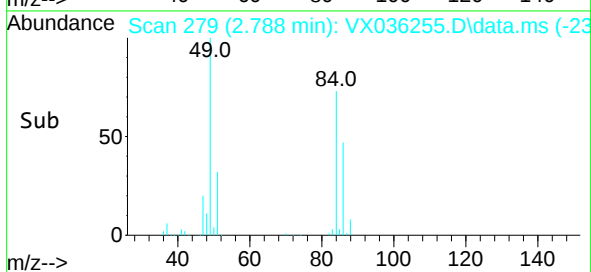
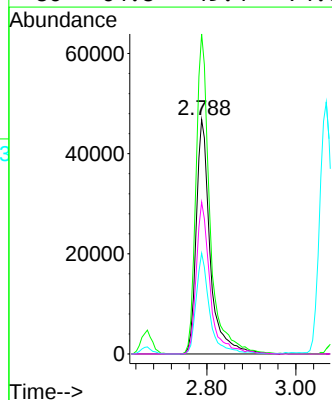
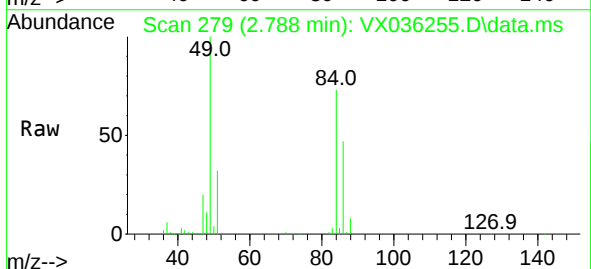
Manual Integrations
APPROVED

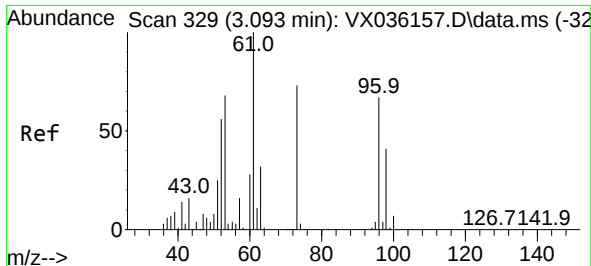
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 50.067 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

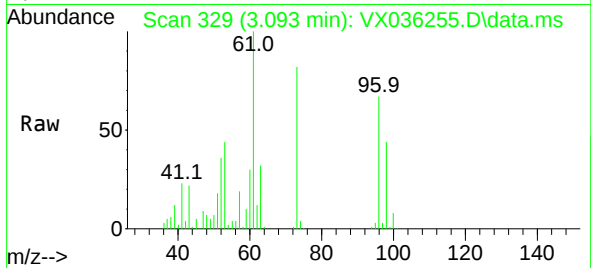
Tgt Ion: 84 Resp: 101502
Ion Ratio Lower Upper
84 100
49 136.5 103.6 155.4
51 43.0 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.938 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

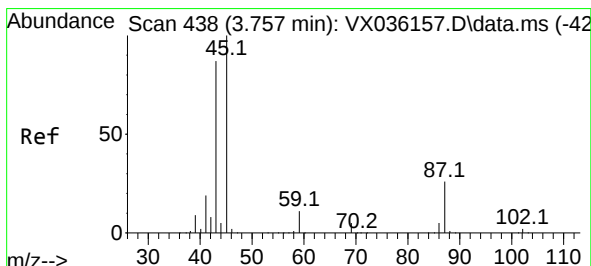
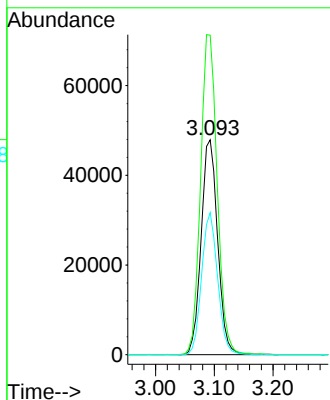
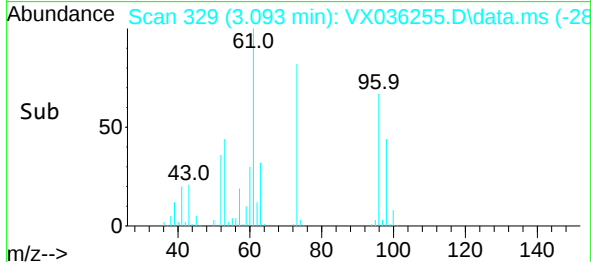
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 93594
Ion Ratio Lower Upper
96 100
61 148.7 119.2 178.8
98 66.1 48.7 73.1

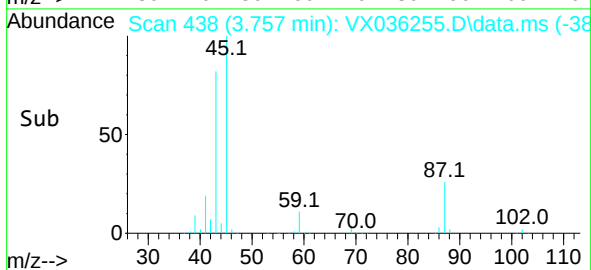
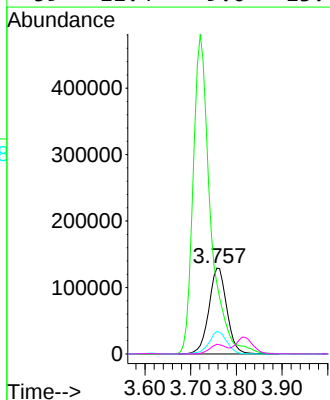
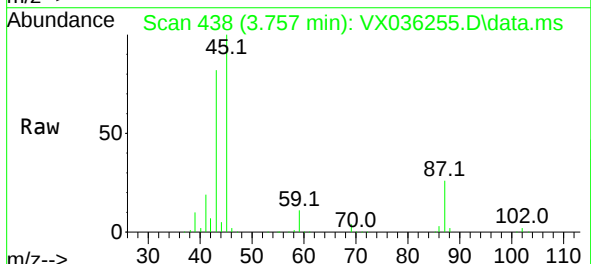
Manual Integrations
APPROVED

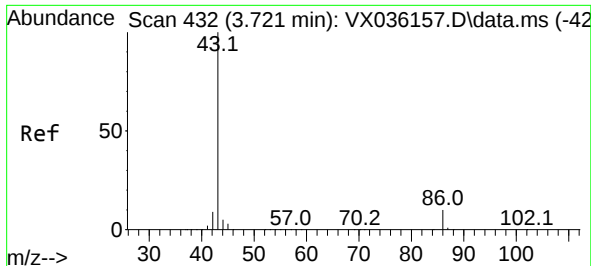
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 54.941 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

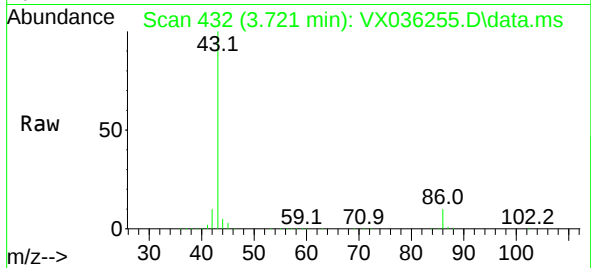
Tgt Ion: 45 Resp: 352014
Ion Ratio Lower Upper
45 100
43 81.3 69.7 104.5
87 26.0 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 279.318 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59

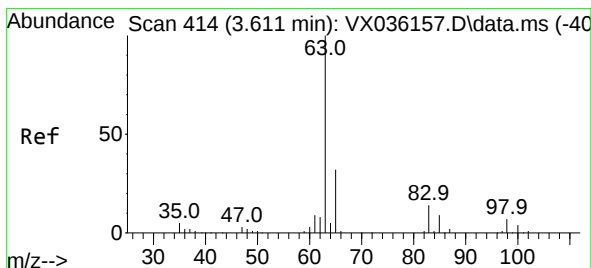
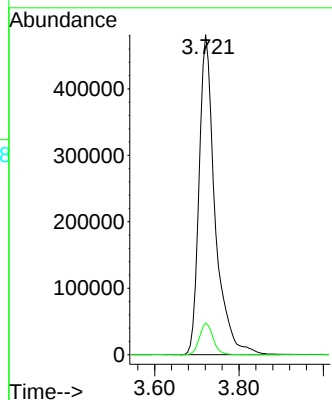
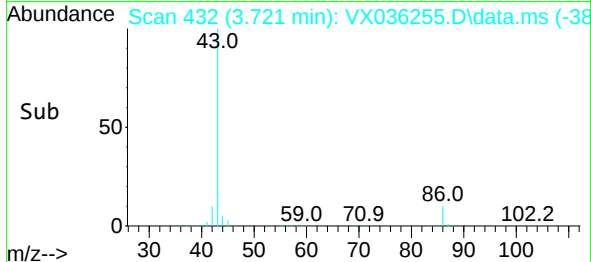
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



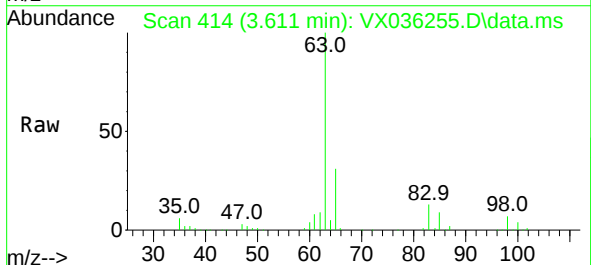
Tgt Ion: 43 Resp: 1268370
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
 APPROVED

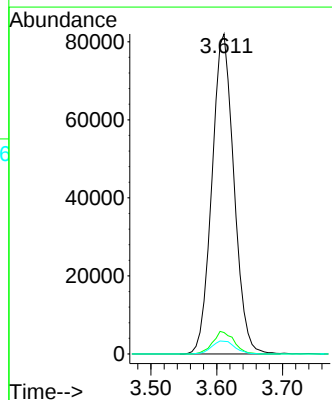
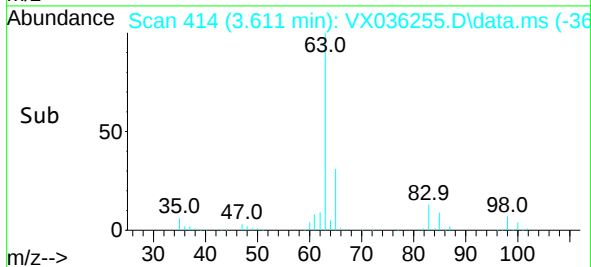
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

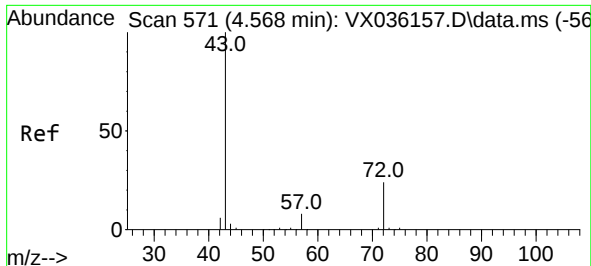


#24
 1,1-Dichloroethane
 Concen: 53.926 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59



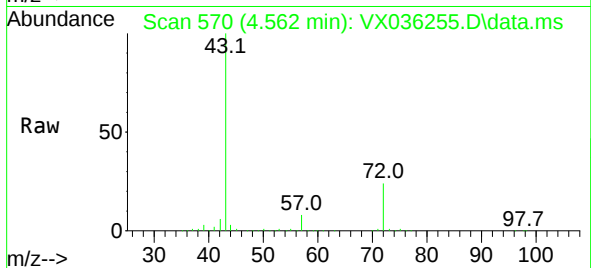
Tgt Ion: 63 Resp: 190896
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 272.759 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

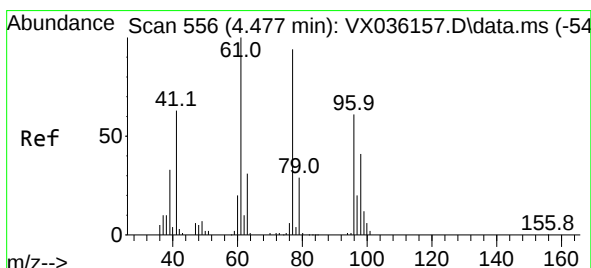
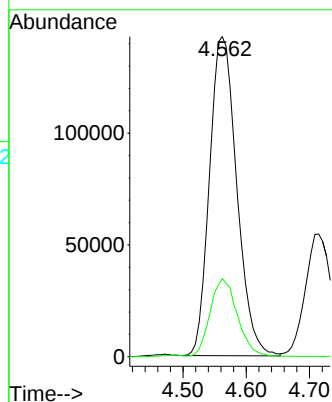
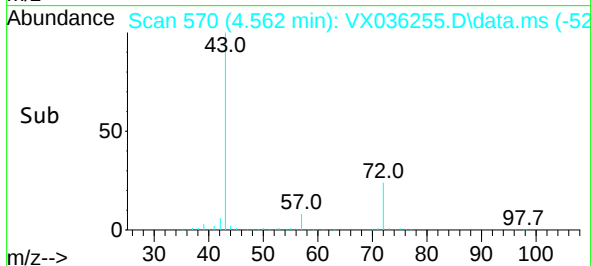
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42728
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

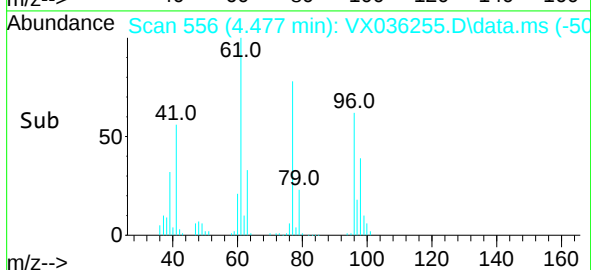
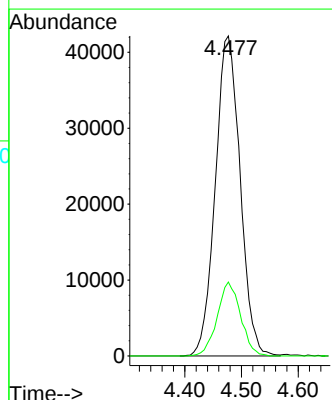
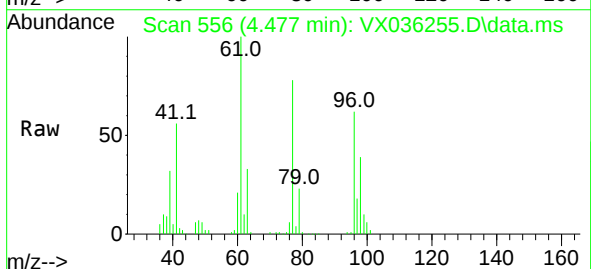
Manual Integrations
APPROVED

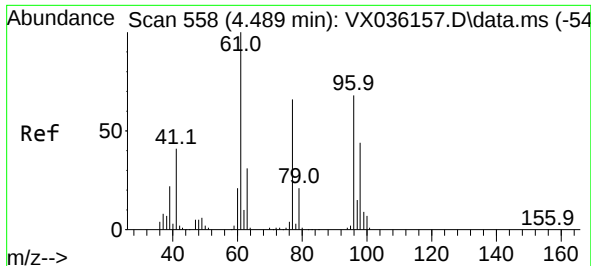
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 46.528 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Tgt Ion: 77 Resp: 128083
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.605 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 110390

Ion Ratio Lower Upper

96 100

61 155.0 0.0 312.2

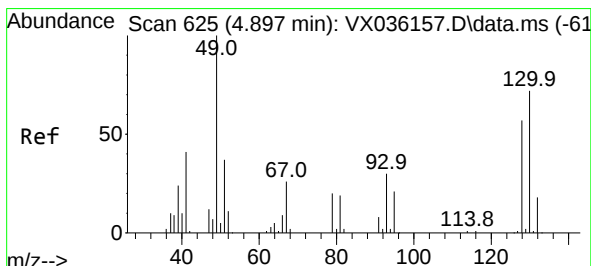
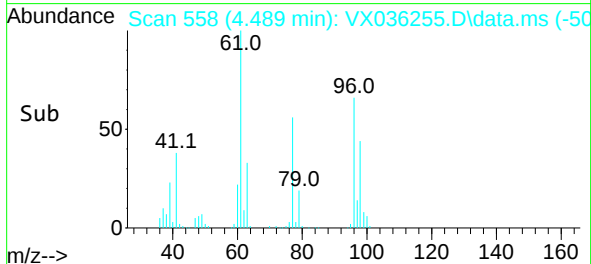
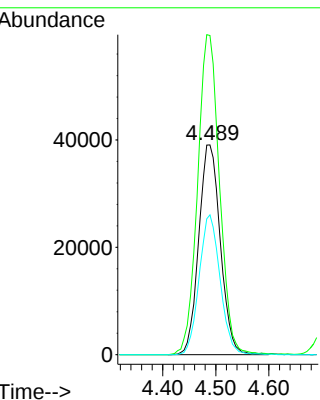
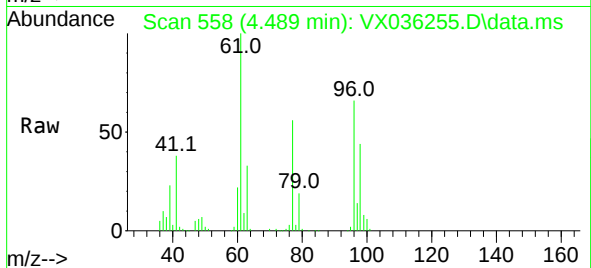
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#28

Bromochloromethane

Concen: 52.692 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

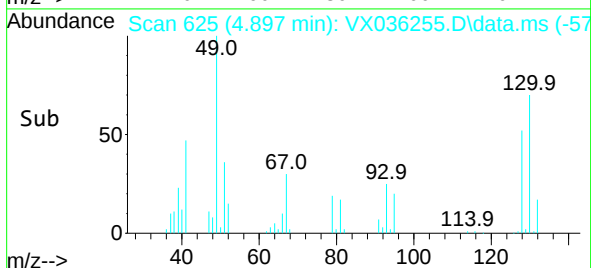
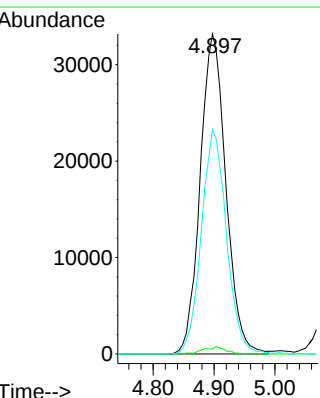
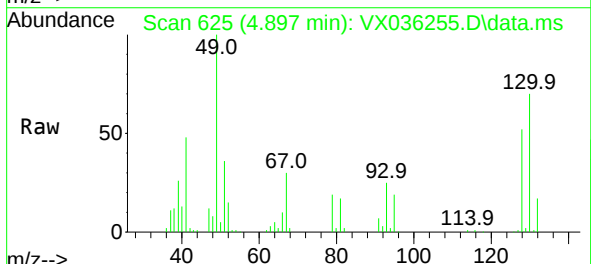
Tgt Ion: 49 Resp: 97235

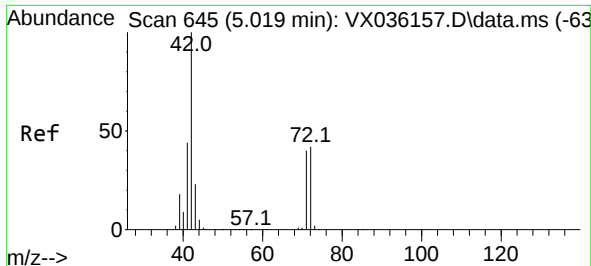
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 68.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 276.437 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 27503

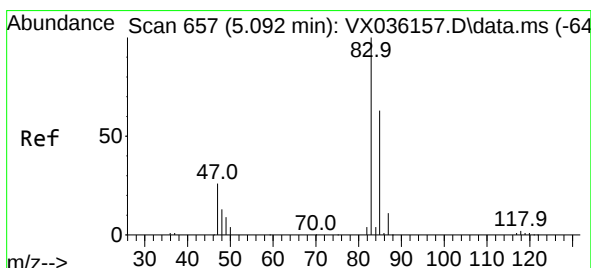
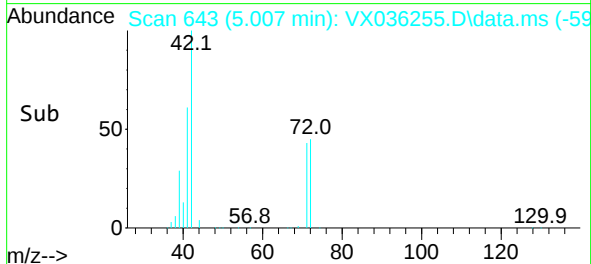
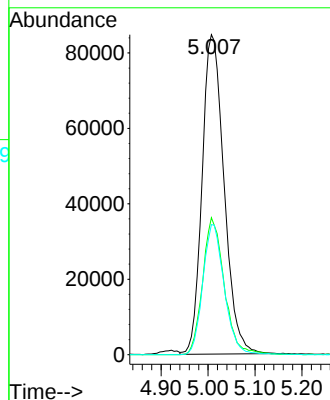
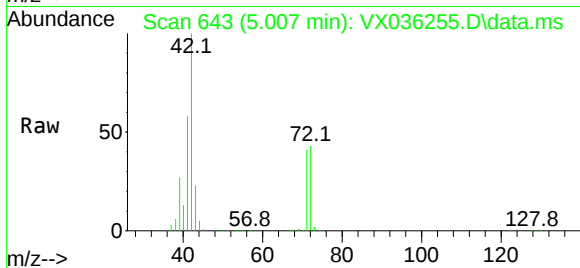
Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.4
71	39.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 51.218 ug/l

RT: 5.092 min Scan# 657

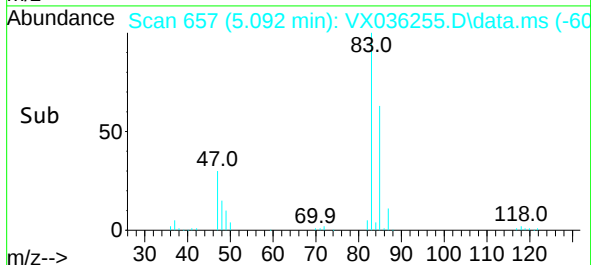
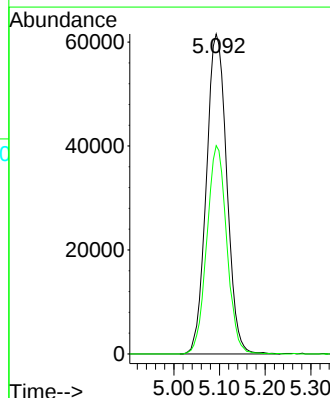
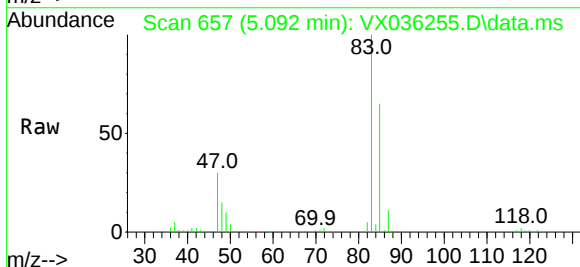
Delta R.T. 0.000 min

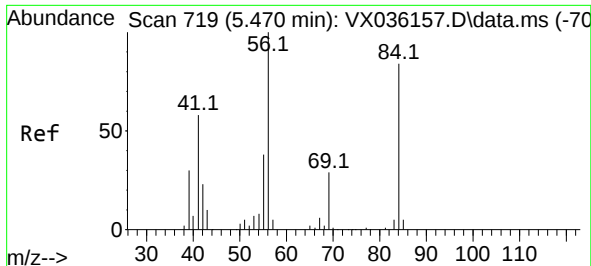
Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Tgt Ion: 83 Resp: 190950

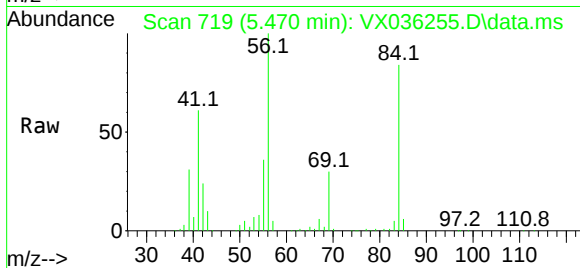
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 55.458 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

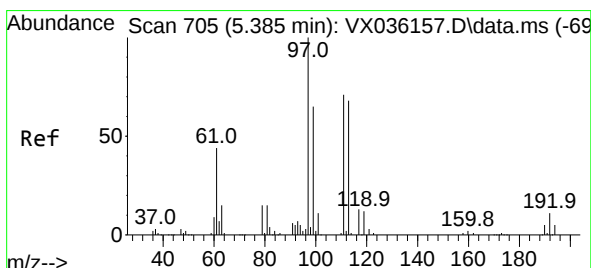
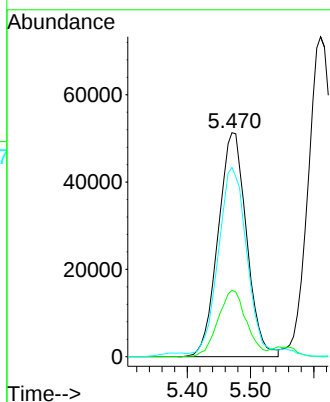
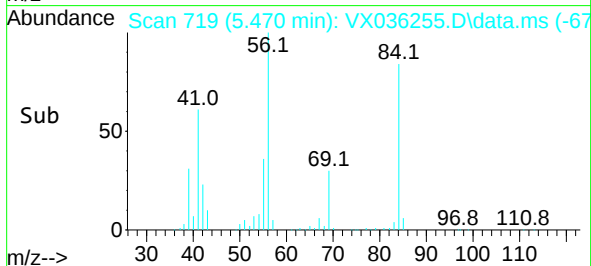
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



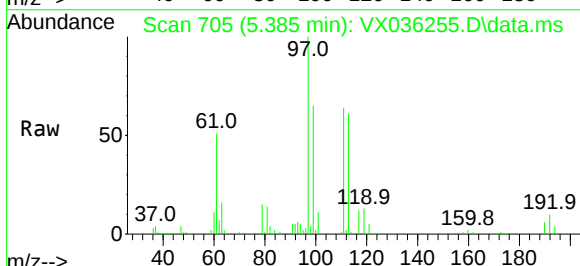
Tgt Ion: 56 Resp: 160234
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 82.9 65.9 98.9

Manual Integrations
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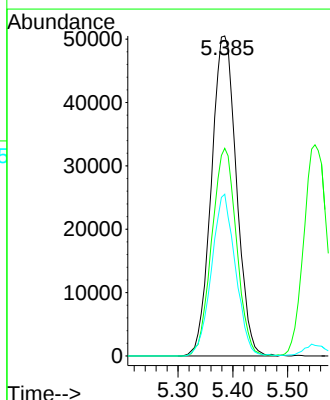
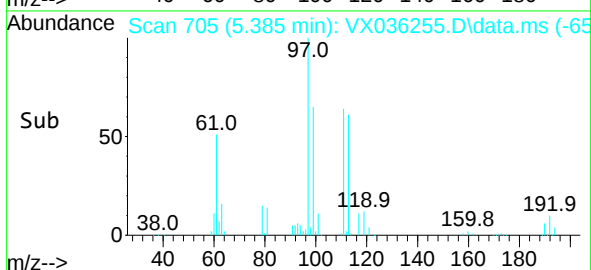
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

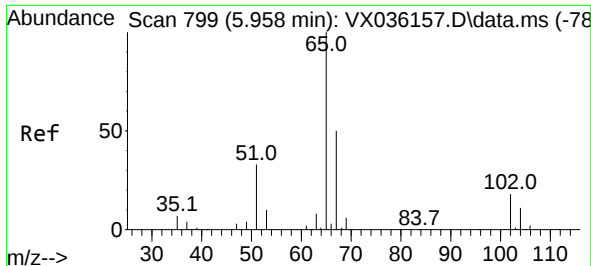


#32
1,1,1-Trichloroethane
Concen: 50.760 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 97 Resp: 160442
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.016 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12932

Ion Ratio Lower Upper

65 100

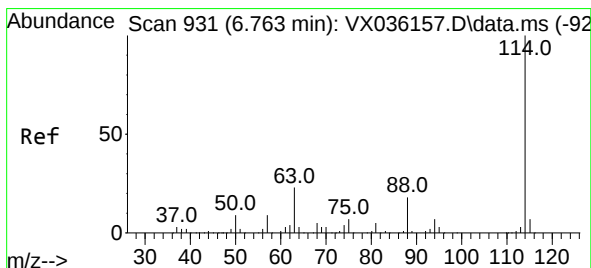
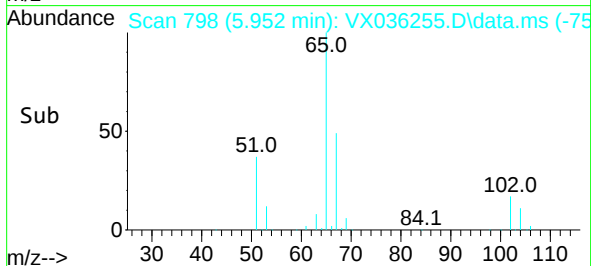
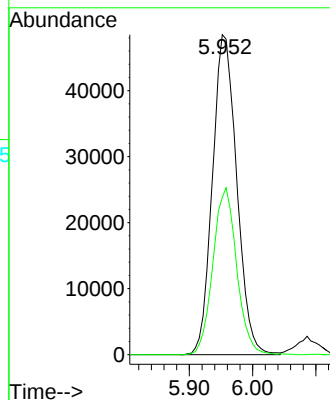
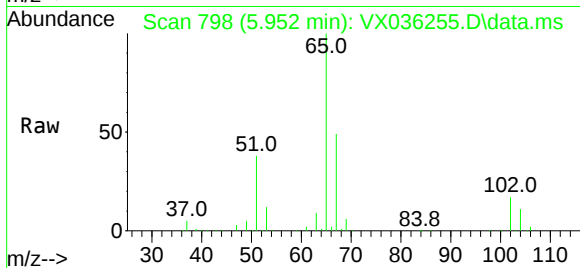
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

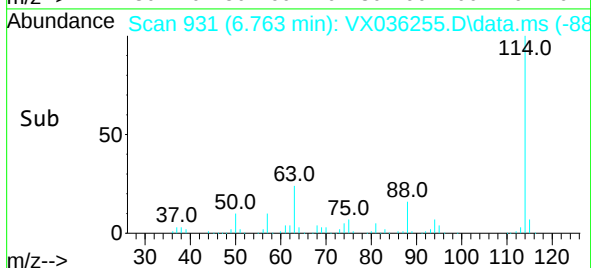
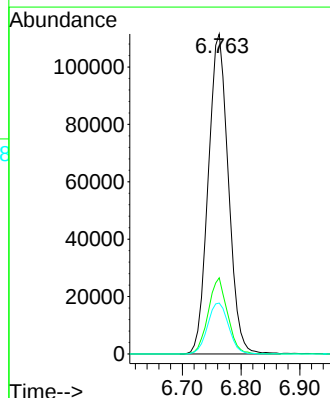
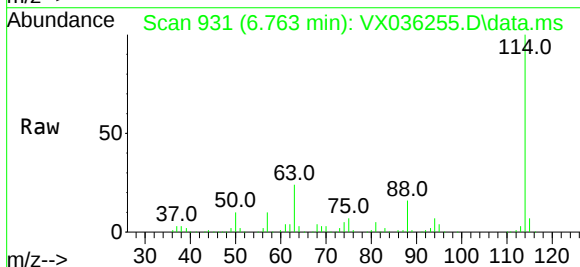
Tgt Ion:114 Resp: 265074

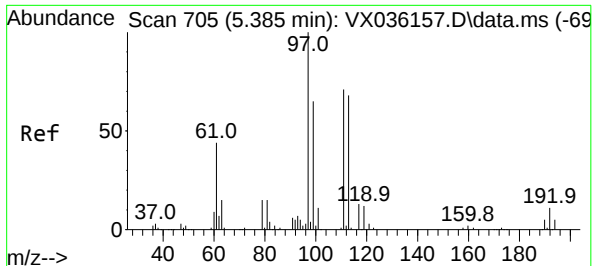
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.125 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 90100

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

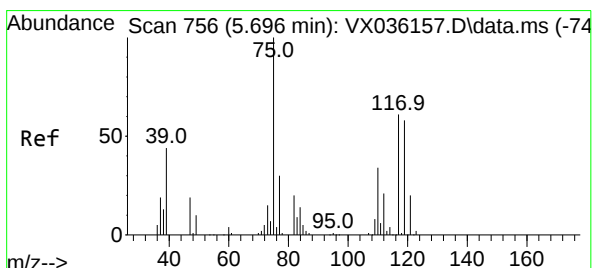
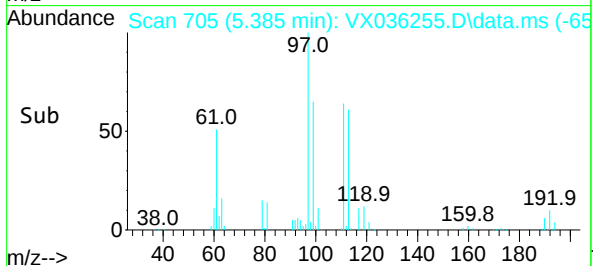
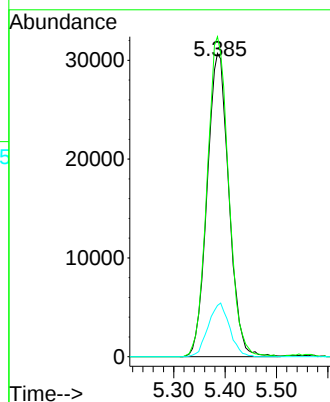
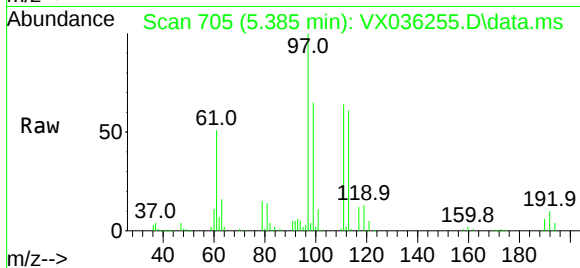
192 17.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#36

1,1-Dichloropropene

Concen: 52.884 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

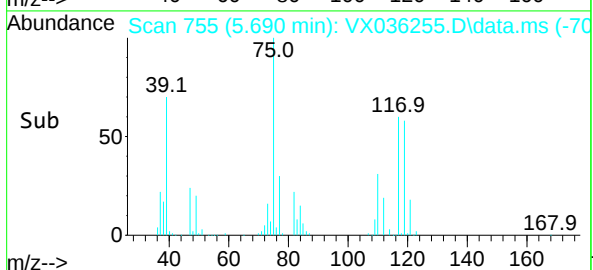
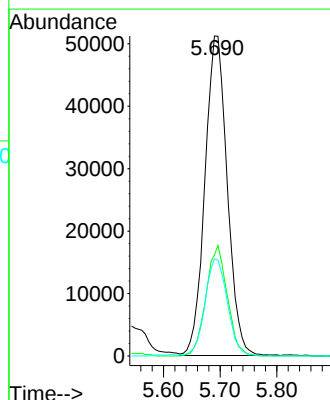
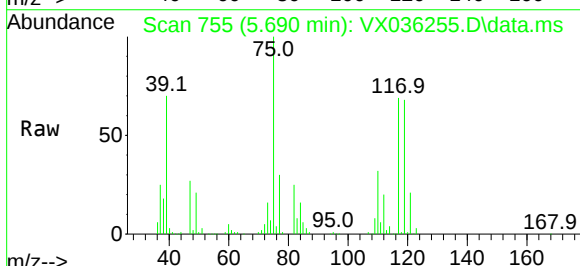
Tgt Ion: 75 Resp: 140028

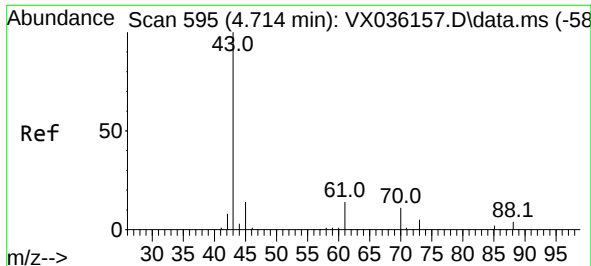
Ion Ratio Lower Upper

75 100

110 32.9 17.0 50.9

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 53.357 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 16460

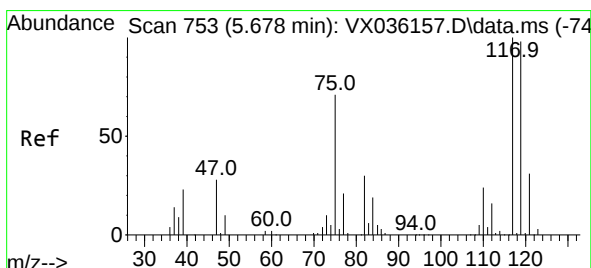
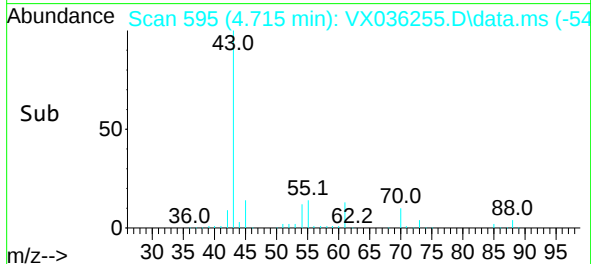
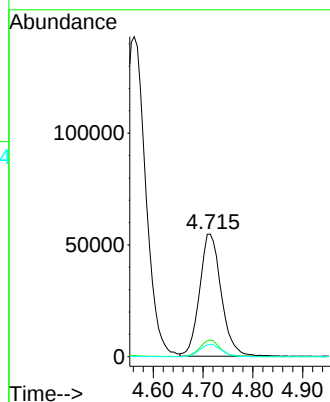
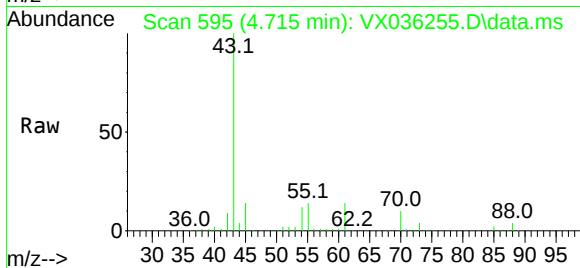
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	16.0
70	10.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#38

Carbon Tetrachloride

Concen: 50.107 ug/l

RT: 5.678 min Scan# 753

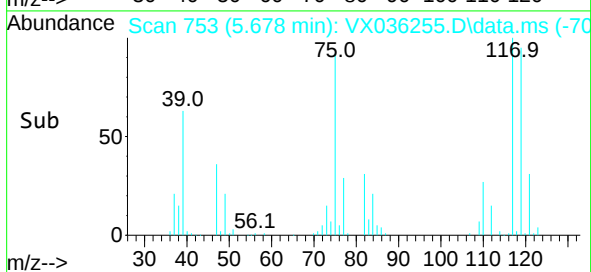
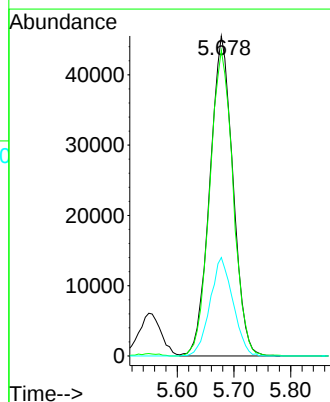
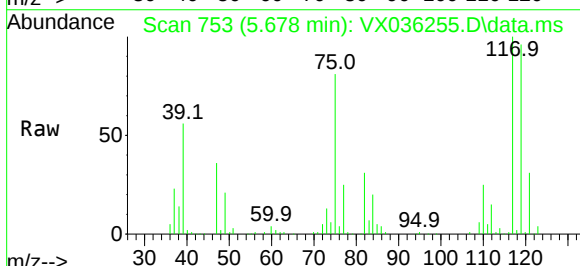
Delta R.T. -0.000 min

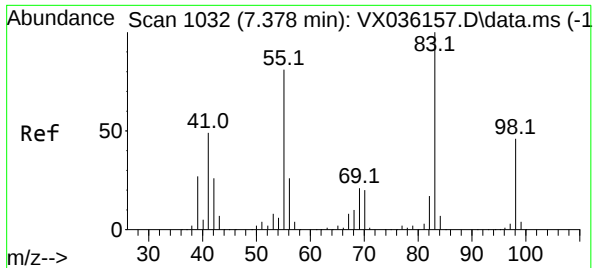
Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Tgt Ion:117 Resp: 128974

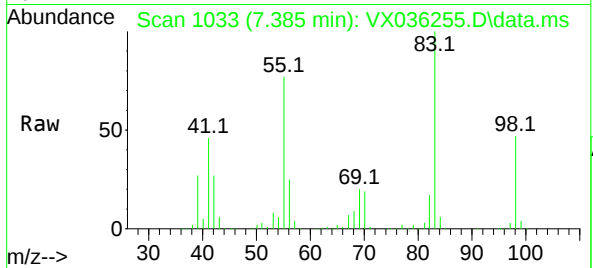
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.2
121	30.8	24.4	36.6





#39
Methylcyclohexane
Concen: 56.559 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

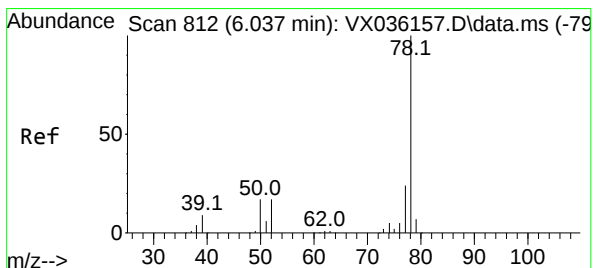
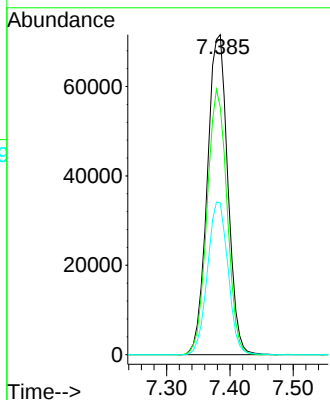
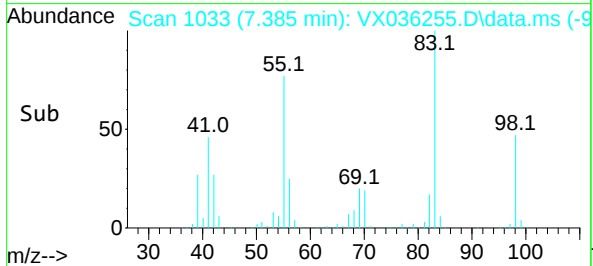
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 161285
Ion Ratio Lower Upper
83 100
55 77.3 64.6 97.0
98 47.4 36.7 55.1

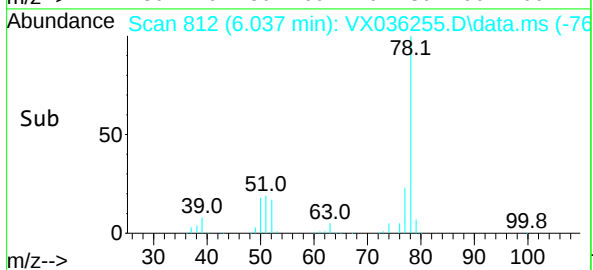
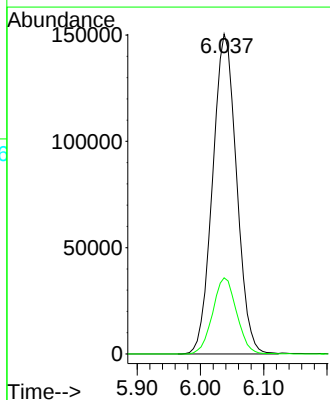
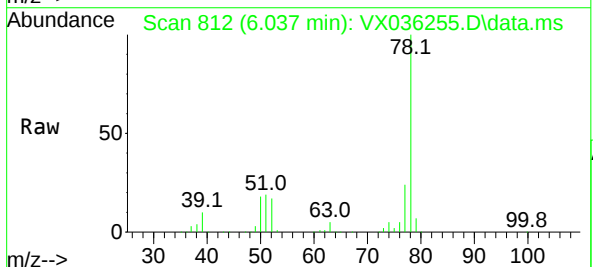
Manual Integrations
APPROVED

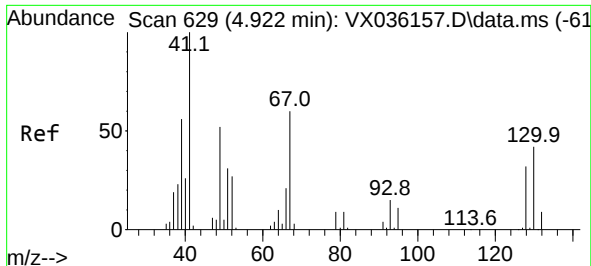
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#40
Benzene
Concen: 53.156 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Tgt Ion: 78 Resp: 395799
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





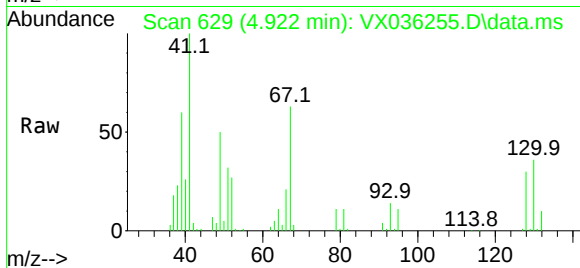
#41
Methacrylonitrile
Concen: 54.507 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



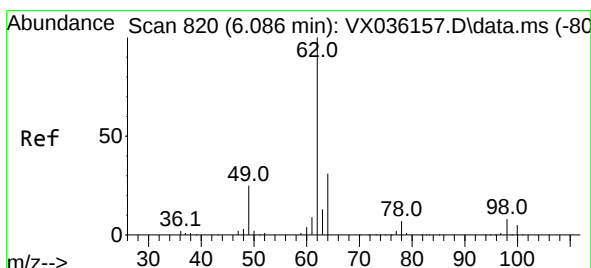
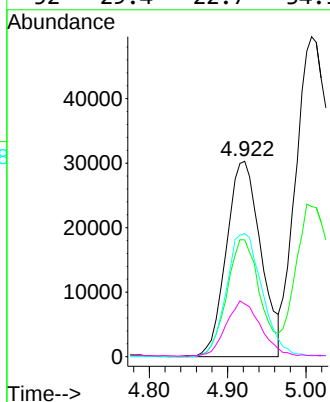
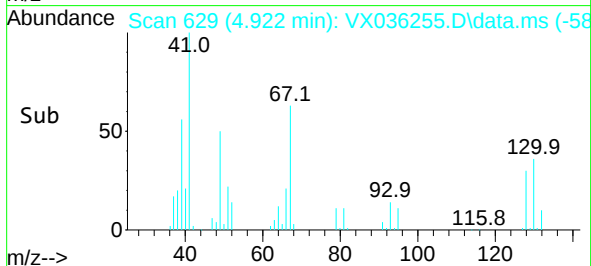
Tgt Ion: 41 Resp: 92709
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 65.8 52.6 78.8
52 29.4 22.7 34.1

Manual Integrations

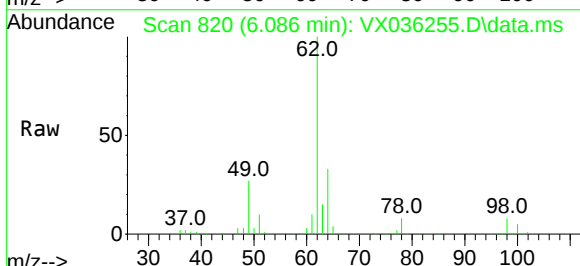
APPROVED

Reviewed By :John Carlone 06/22/2023

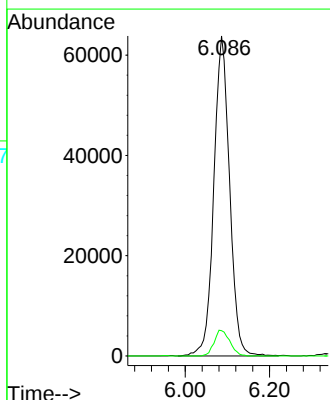
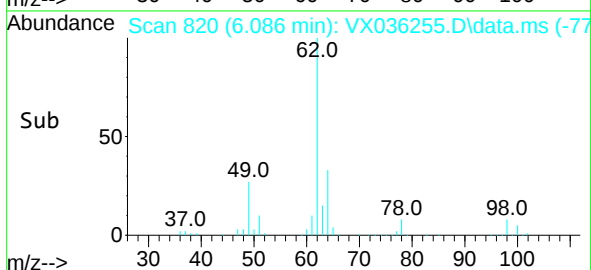
Supervised By :Mahesh Dadoda 06/22/2023

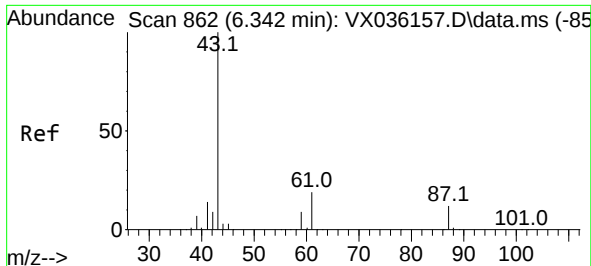


#42
1,2-Dichloroethane
Concen: 49.287 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 62 Resp: 165330
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 56.247 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036255.D

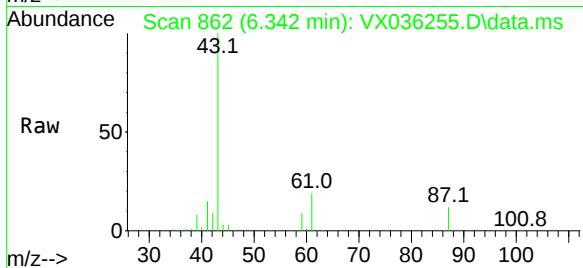
Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



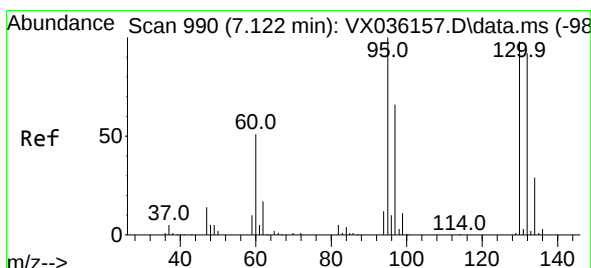
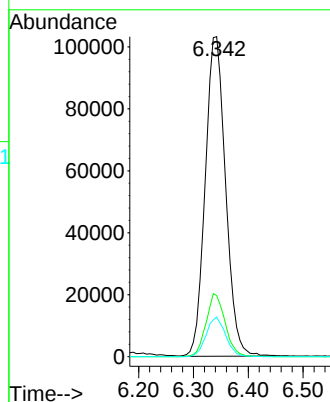
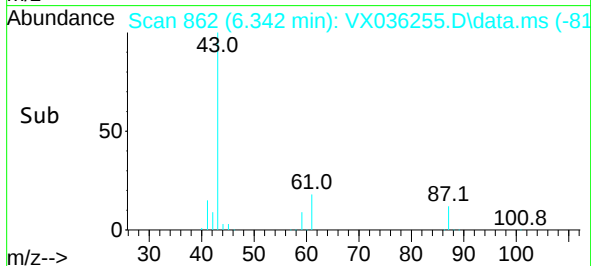
Tgt Ion: 43	Resp: 265549
Ion Ratio	Lower Upper
43	100
61	18.6 15.2 22.8
87	11.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#44

Trichloroethene

Concen: 52.330 ug/l

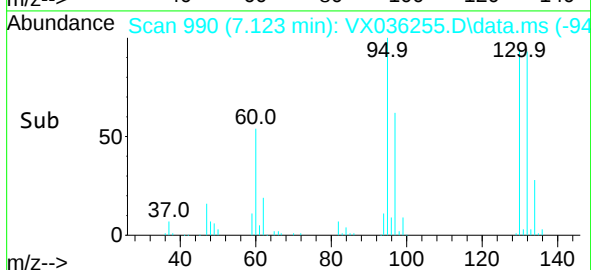
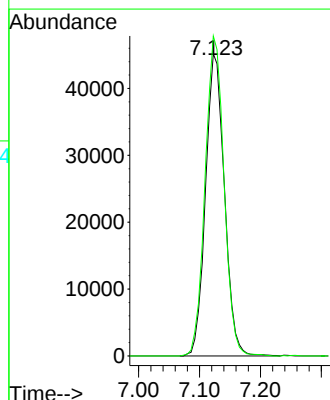
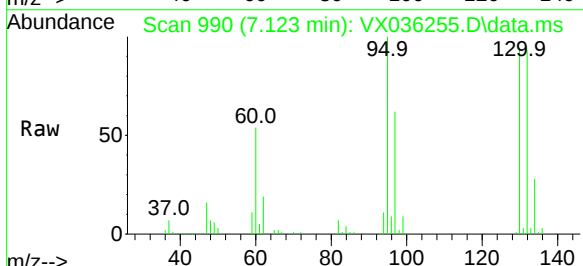
RT: 7.123 min Scan# 990

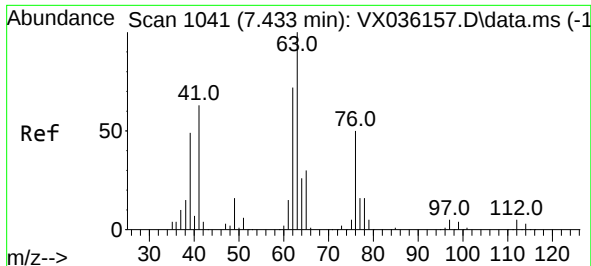
Delta R.T. 0.001 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Tgt Ion:130	Resp: 97370
Ion Ratio	Lower Upper
130	100
95	105.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.087 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 107070

Ion Ratio Lower Upper

63 100

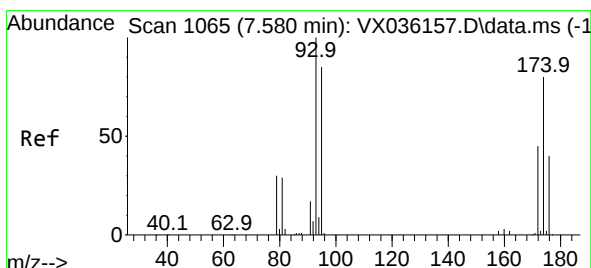
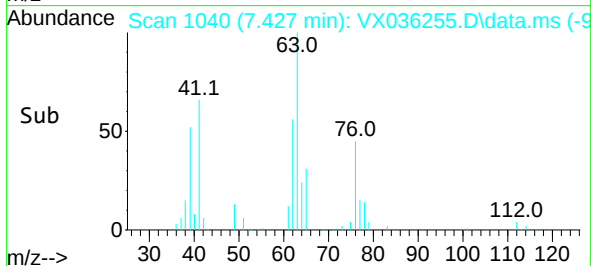
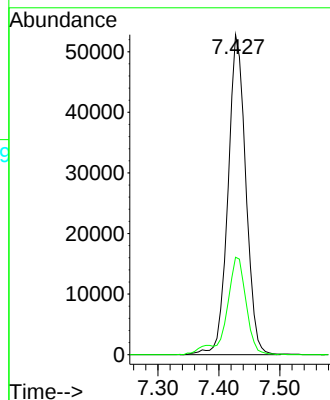
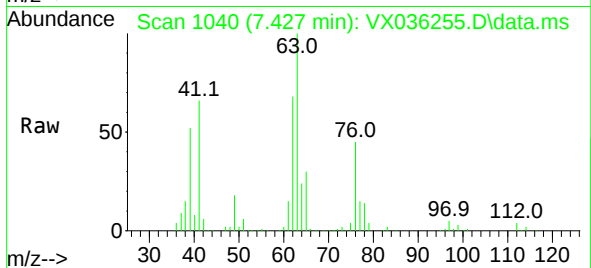
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 52.443 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

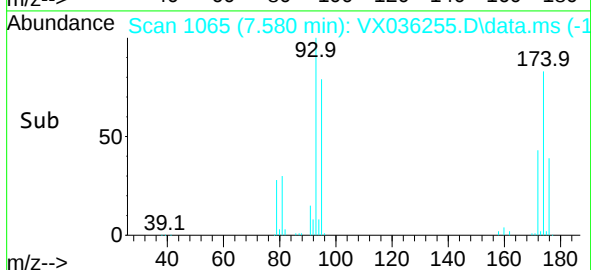
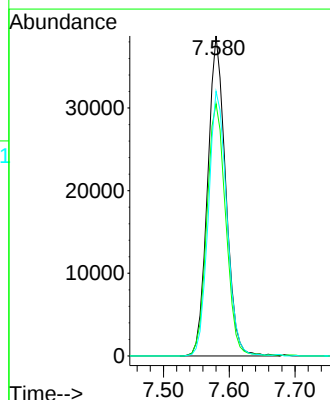
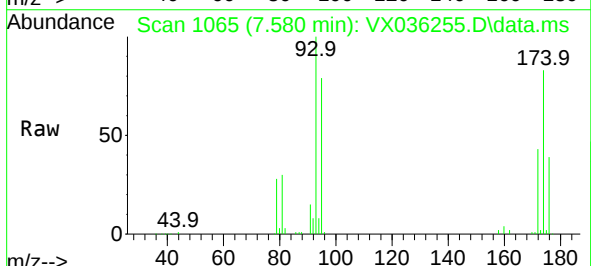
Tgt Ion: 93 Resp: 73956

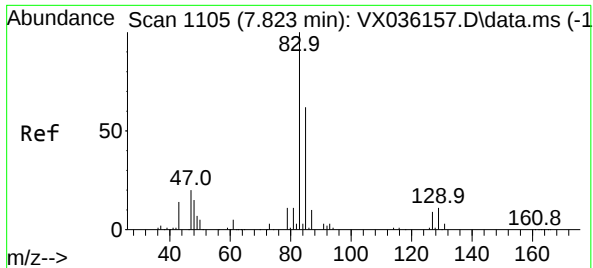
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

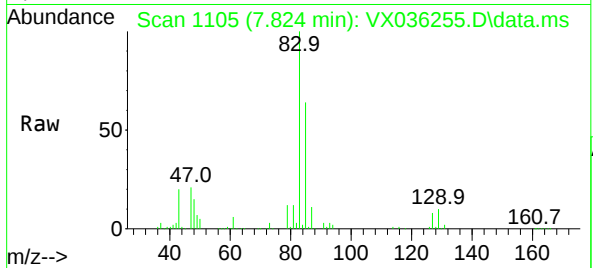
174 84.4 69.4 104.0





#47
Bromodichloromethane
Concen: 51.949 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

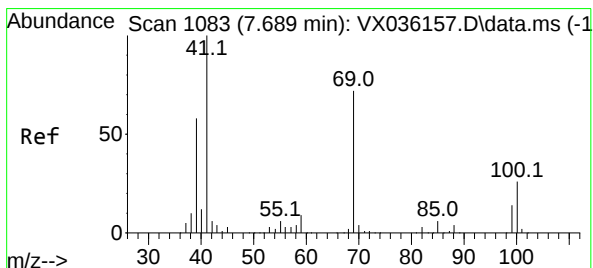
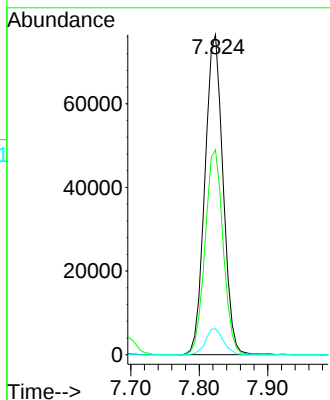
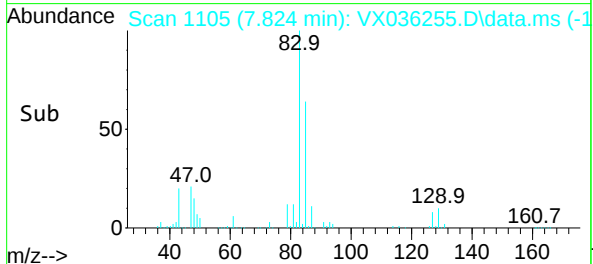
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



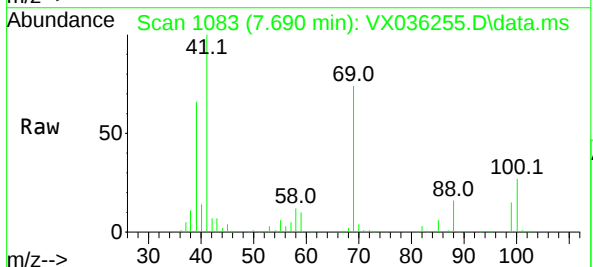
Tgt Ion: 83 Resp: 140649
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.1 7.1 10.7

Manual Integrations
APPROVED

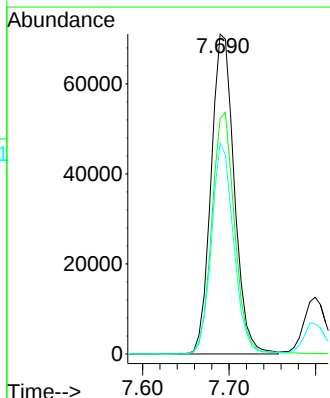
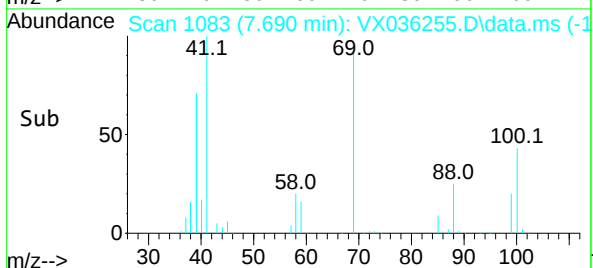
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

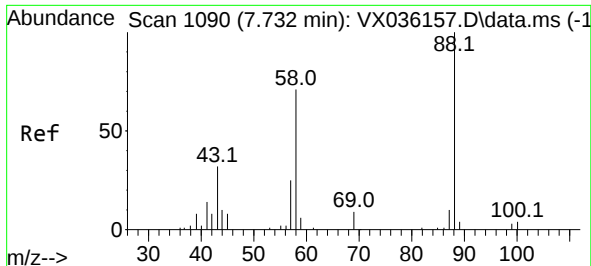


#48
Methyl methacrylate
Concen: 54.547 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 41 Resp: 132124
Ion Ratio Lower Upper
41 100
69 74.2 59.2 88.8
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1212.593 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 49170

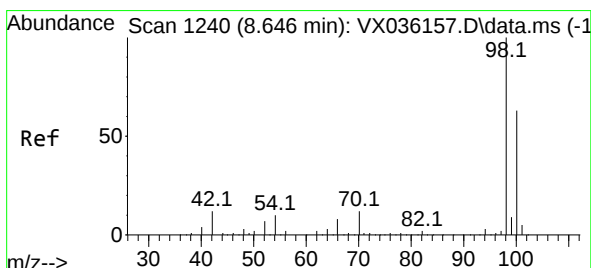
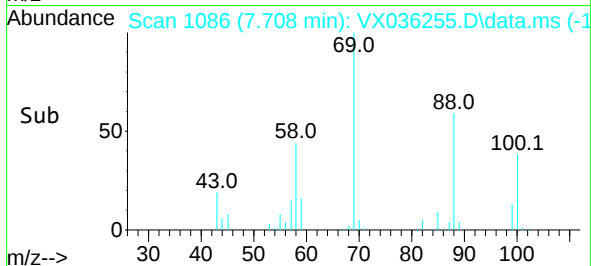
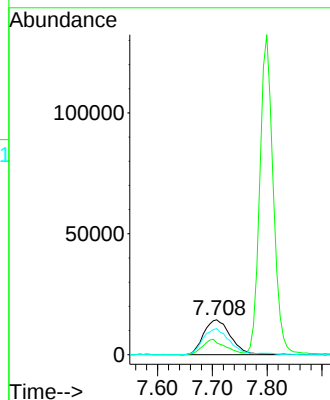
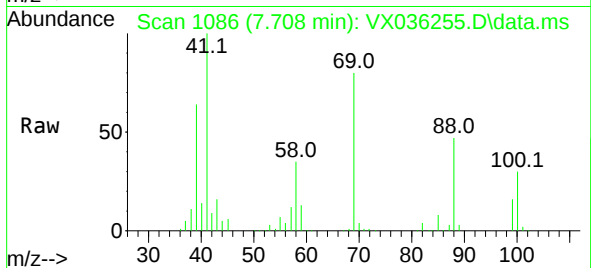
Ion	Ratio	Lower	Upper
88	100		
43	37.0	0.0	0.0
58	72.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 50.565 ug/l

RT: 8.647 min Scan# 1240

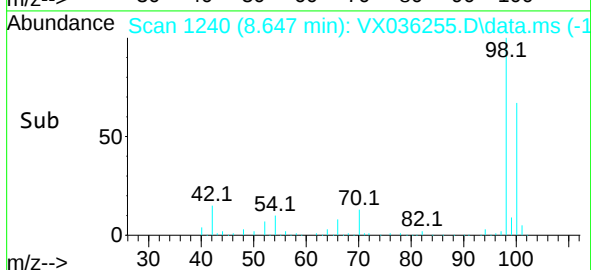
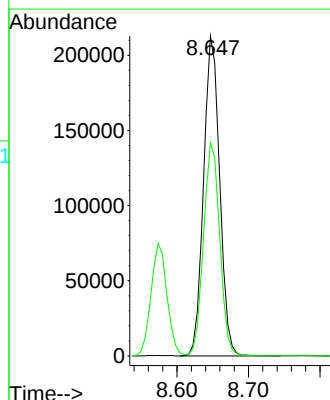
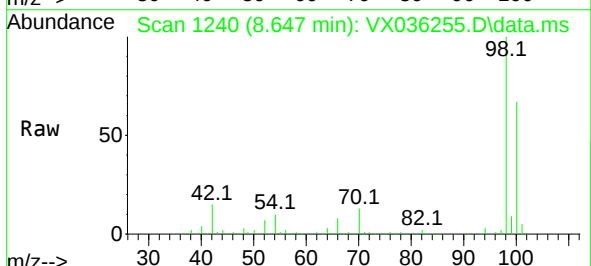
Delta R.T. 0.001 min

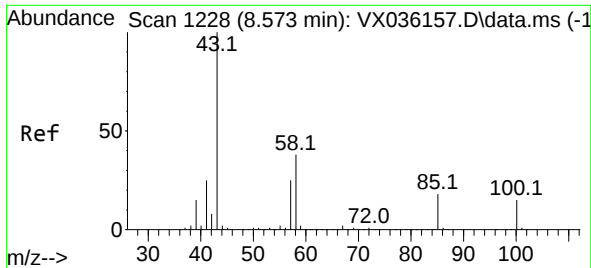
Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Tgt Ion: 98 Resp: 332474

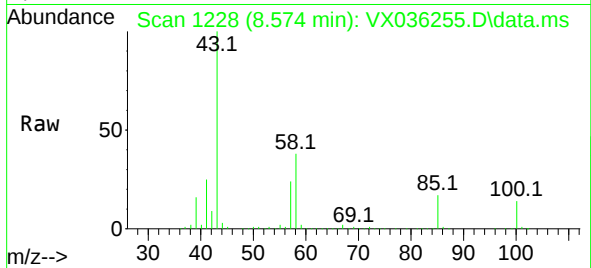
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 281.621 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

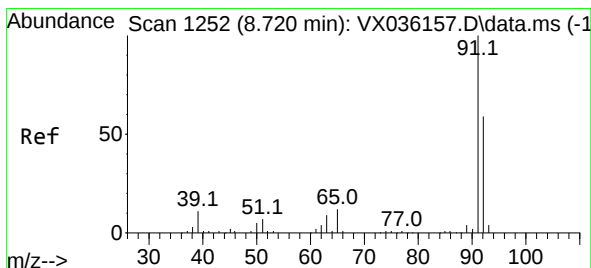
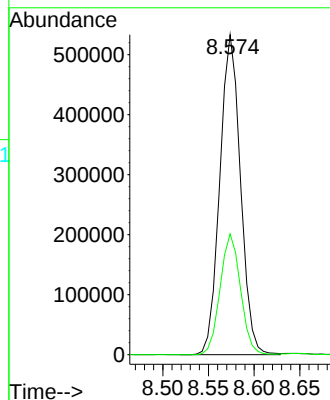
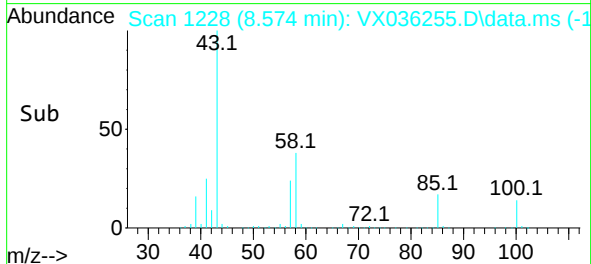
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



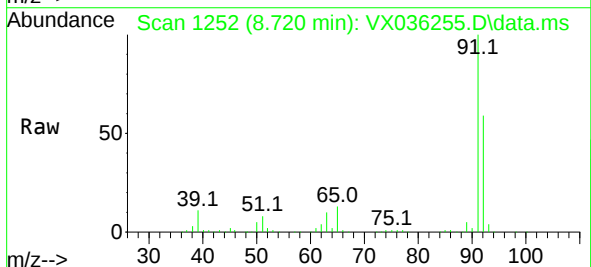
Tgt Ion: 43 Resp: 83952
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

Manual Integrations
APPROVED

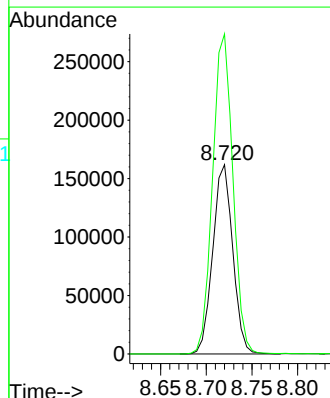
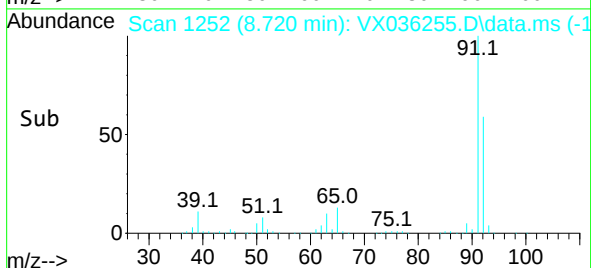
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

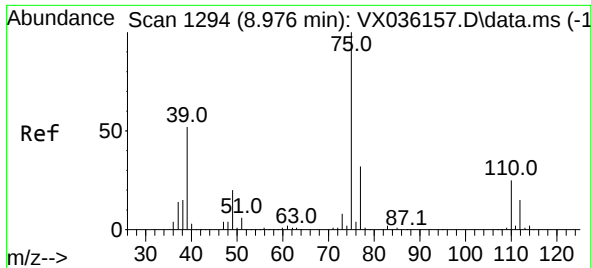


#52
Toluene
Concen: 52.949 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



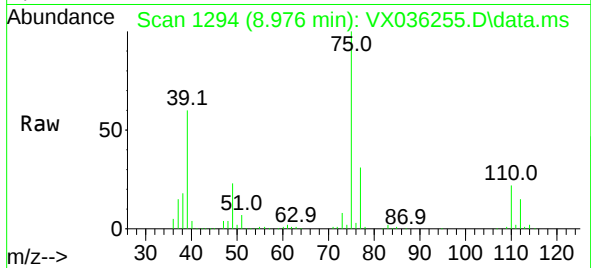
Tgt Ion: 92 Resp: 246841
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 54.091 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59

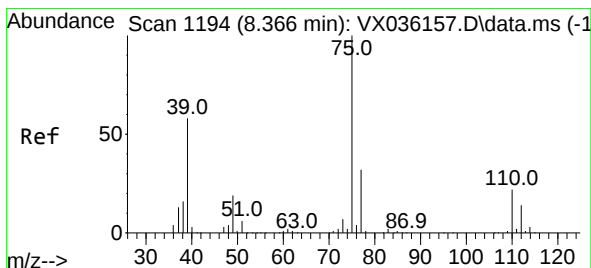
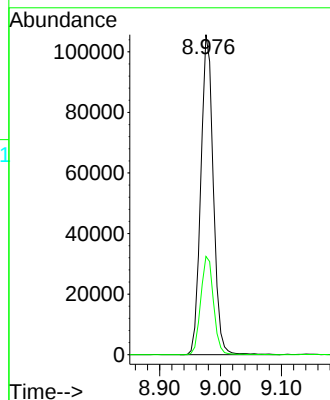
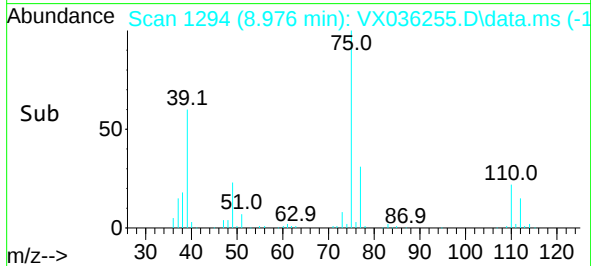
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



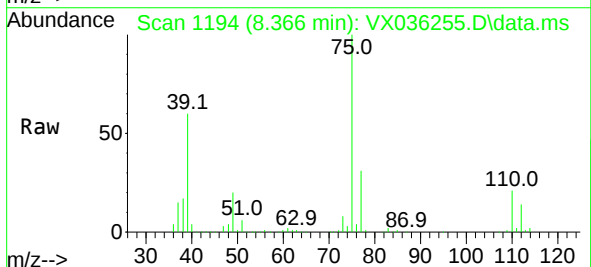
Tgt Ion: 75 Resp: 150840
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5

Manual Integrations
 APPROVED

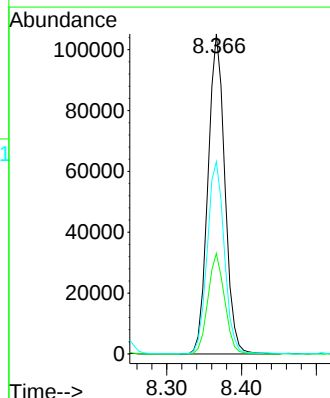
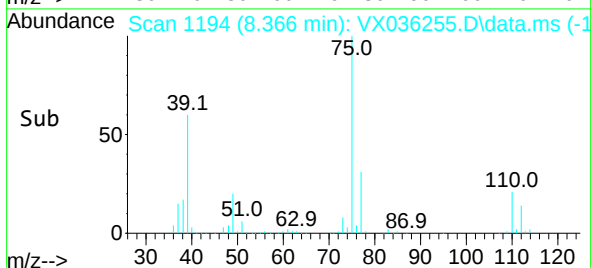
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

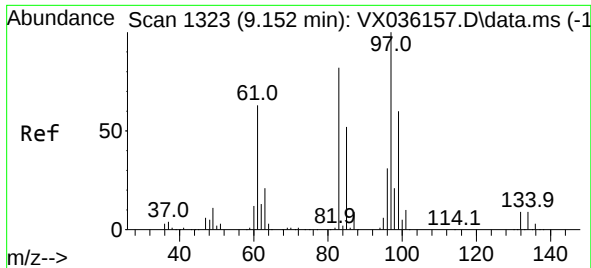


#54
 cis-1,3-Dichloropropene
 Concen: 55.178 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59



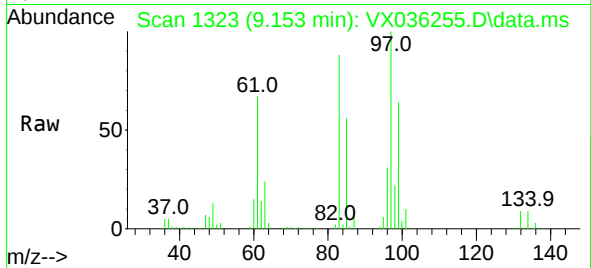
Tgt Ion: 75 Resp: 165008
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 60.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.013 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

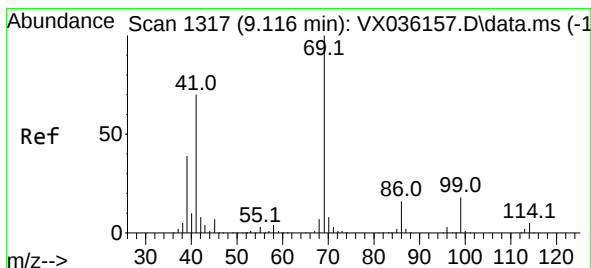
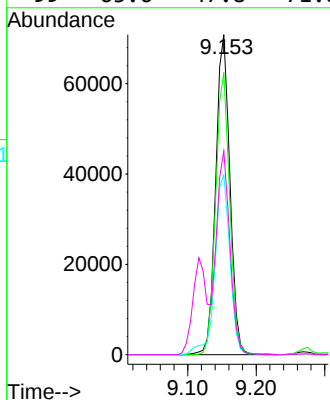
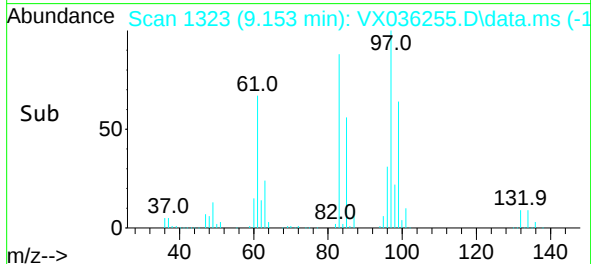
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



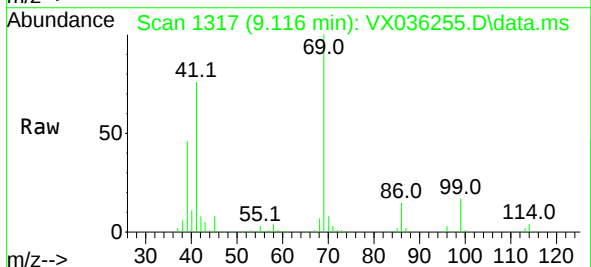
Tgt Ion: 97 Resp: 102020
Ion Ratio Lower Upper
97 100
83 88.2 65.8 98.8
85 56.1 41.6 62.4
99 63.6 47.8 71.8

Manual Integrations
APPROVED

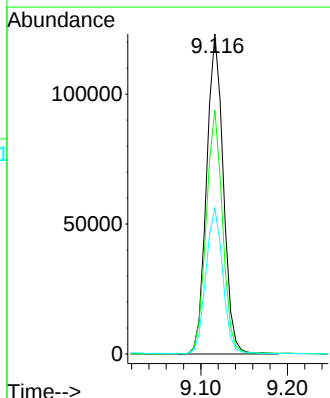
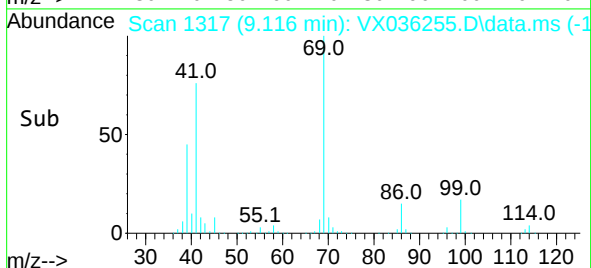
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

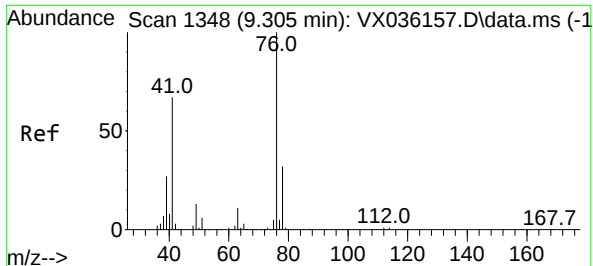


#56
Ethyl methacrylate
Concen: 57.072 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 69 Resp: 165921
Ion Ratio Lower Upper
69 100
41 74.7 56.8 85.2
39 46.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.698 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 180420

Ion Ratio Lower Upper

76 100

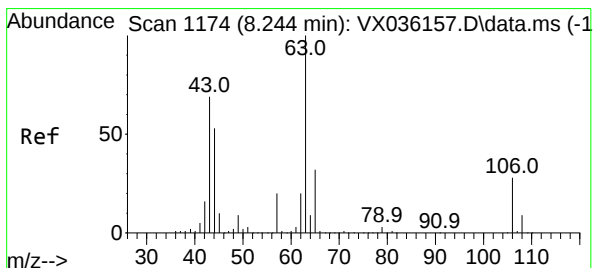
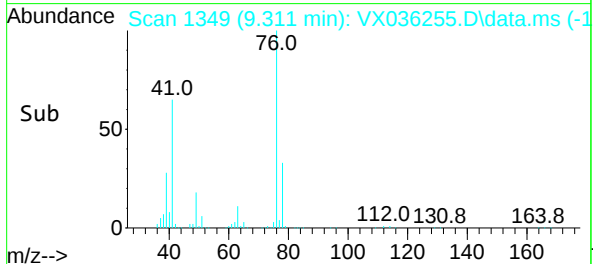
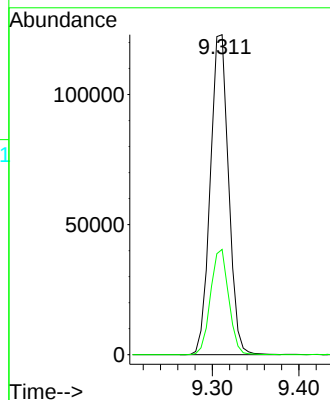
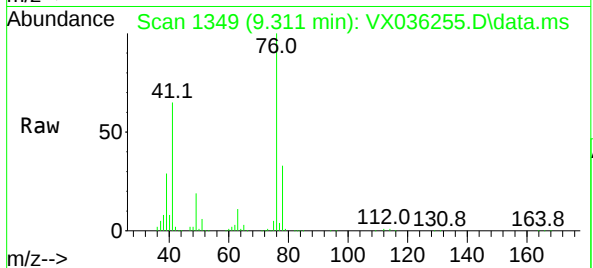
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 270.701 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036255.D

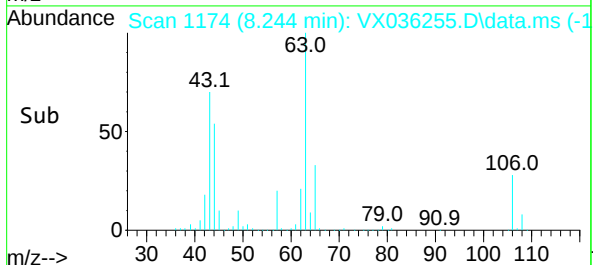
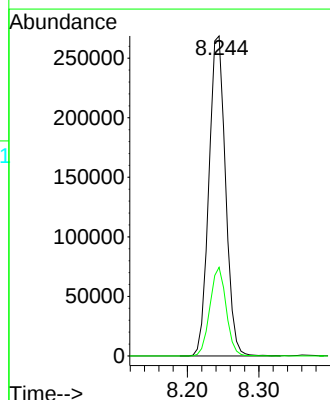
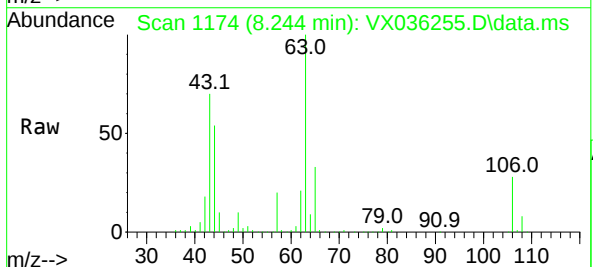
Acq: 20 Jun 2023 19:59

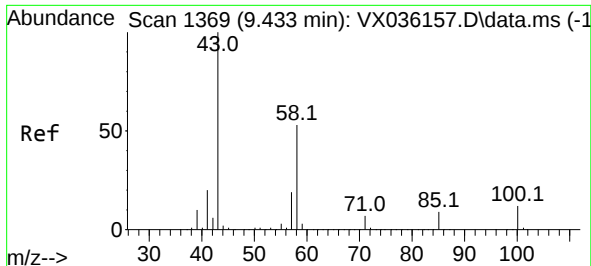
Tgt Ion: 63 Resp: 433769

Ion Ratio Lower Upper

63 100

106 27.1 22.5 33.7





#59

2-Hexanone

Concen: 283.578 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 62847

Ion Ratio Lower Upper

43 100

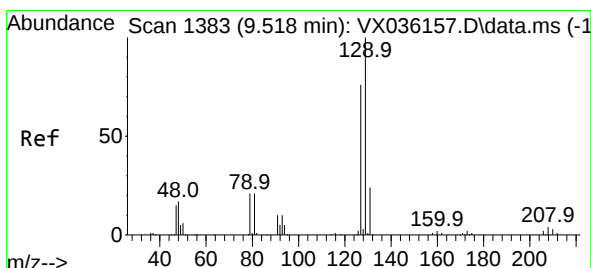
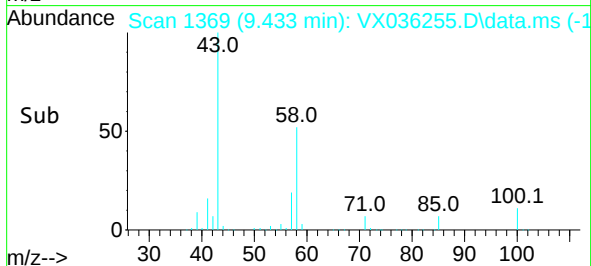
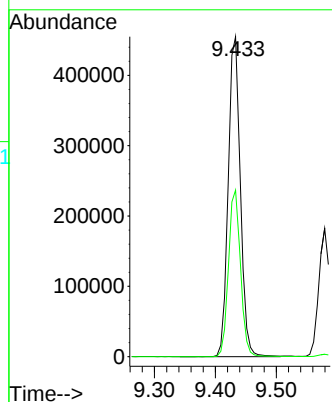
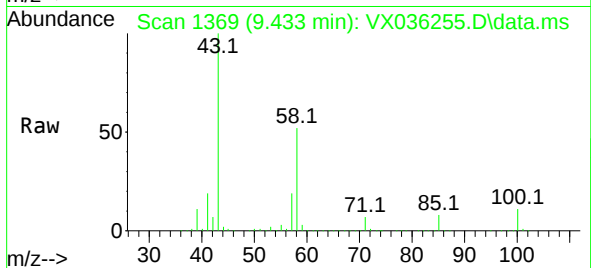
58 51.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#60

Dibromochloromethane

Concen: 52.549 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036255.D

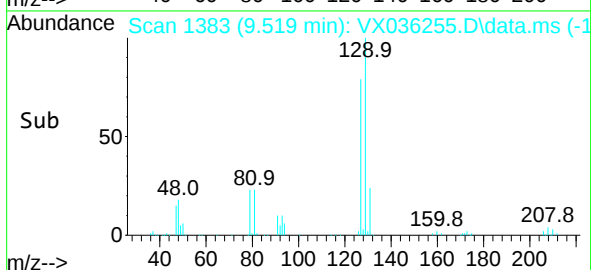
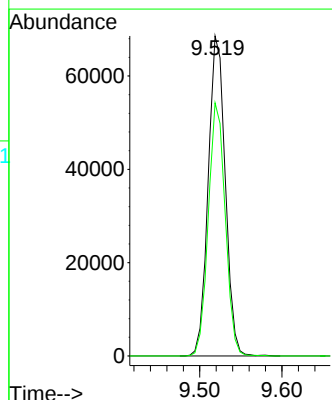
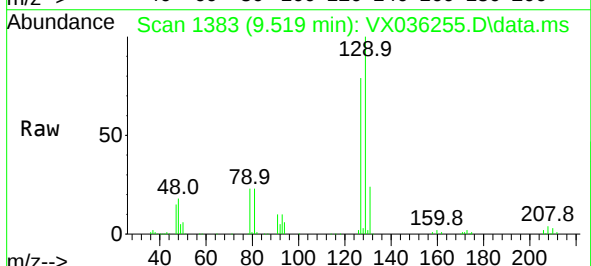
Acq: 20 Jun 2023 19:59

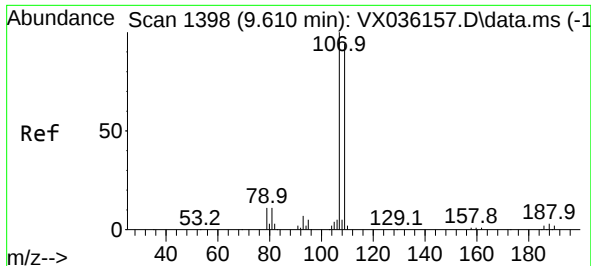
Tgt Ion:129 Resp: 98712

Ion Ratio Lower Upper

129 100

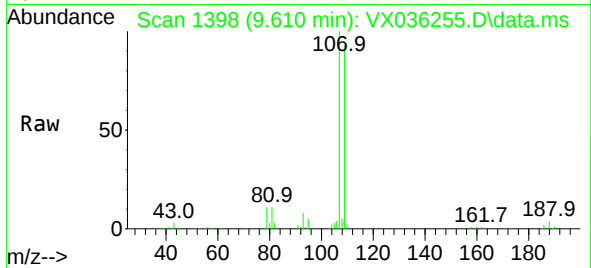
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.857 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

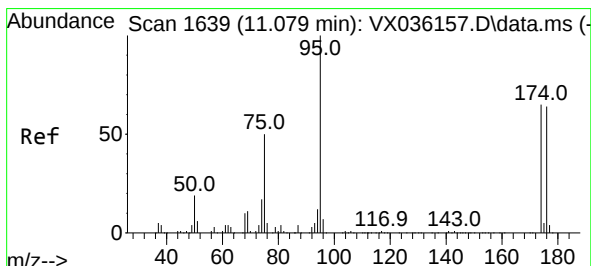
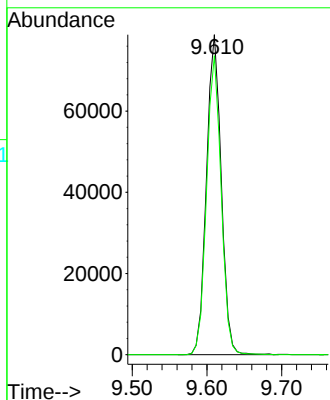
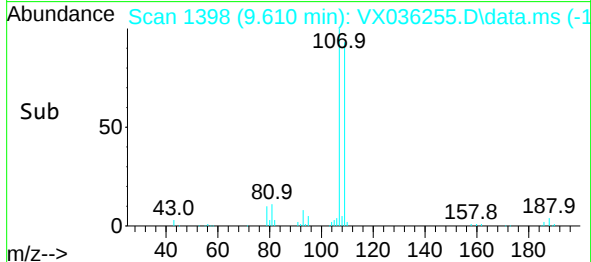
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



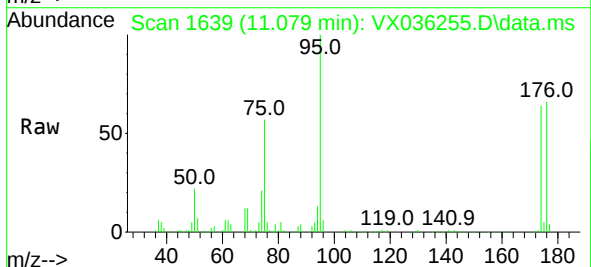
Tgt Ion:107 Resp: 108073
Ion Ratio Lower Upper
107 100
109 92.2 75.2 112.8

Manual Integrations
APPROVED

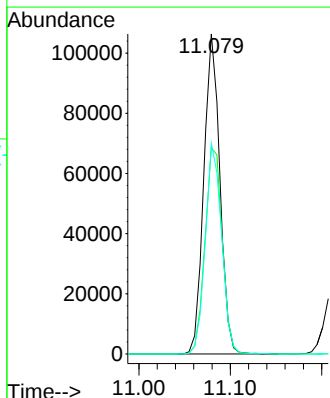
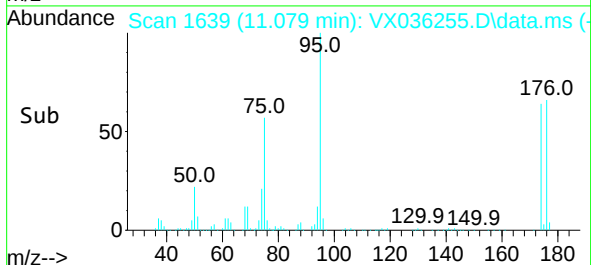
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

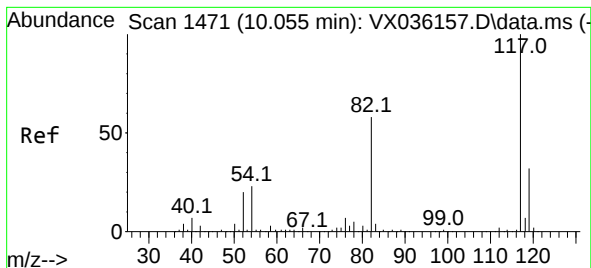


#62
4-Bromofluorobenzene
Concen: 48.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



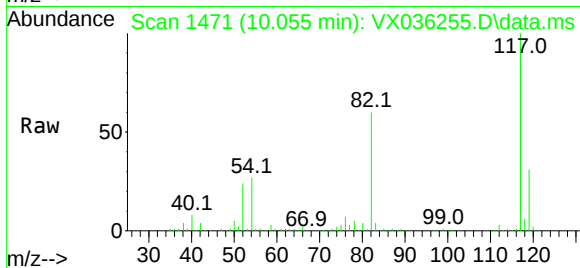
Tgt Ion: 95 Resp: 129425
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 66.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

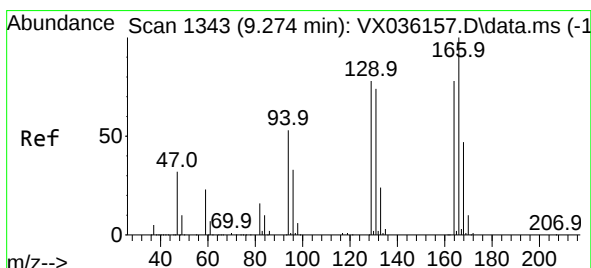
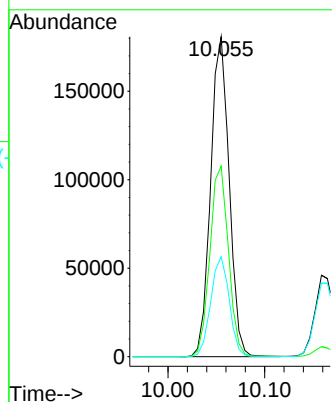
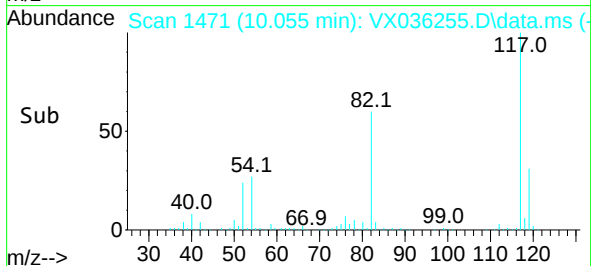
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



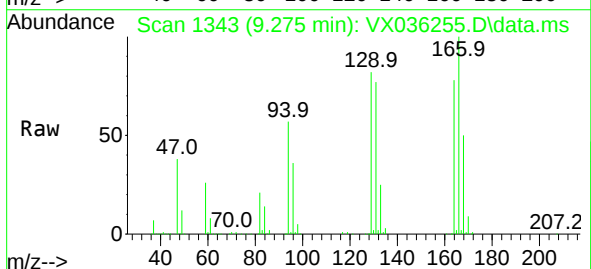
Tgt Ion:117 Resp: 24061
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.2 25.5 38.3

Manual Integrations
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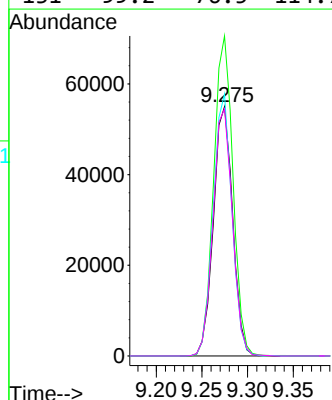
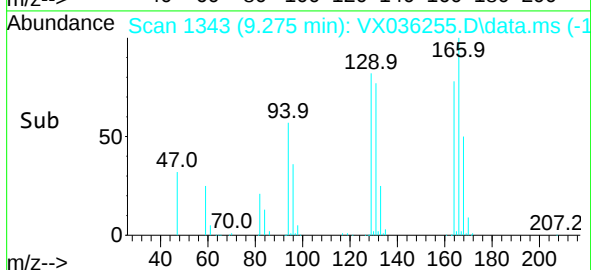
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

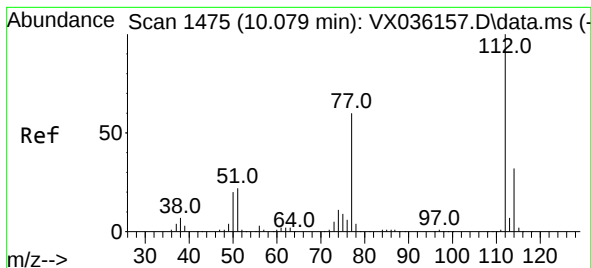


#64
Tetrachloroethene
Concen: 53.795 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



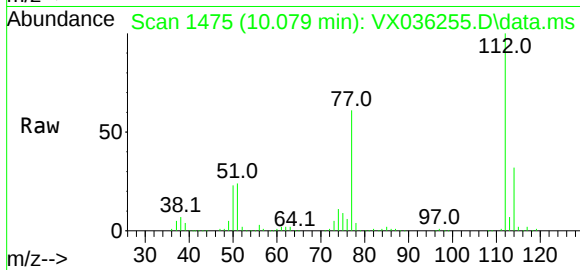
Tgt Ion:164 Resp: 80532
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 105.1 80.4 120.6
131 99.2 76.5 114.7





#65
Chlorobenzene
Concen: 52.639 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

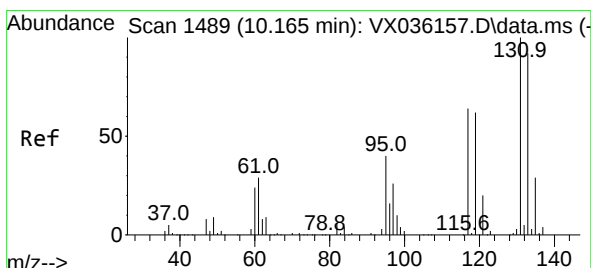
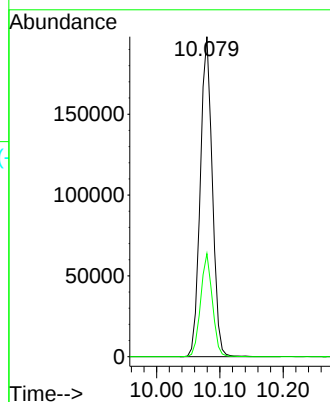
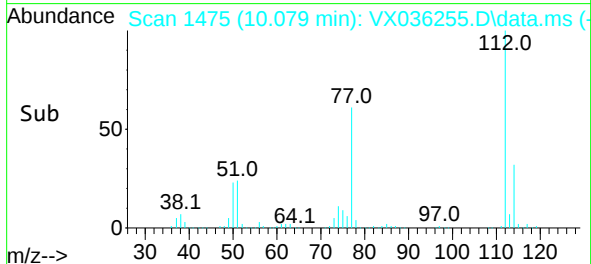
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



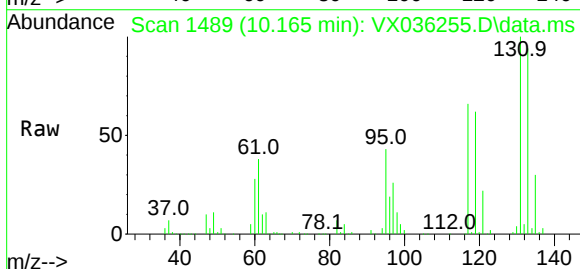
Tgt Ion:112 Resp: 26245
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

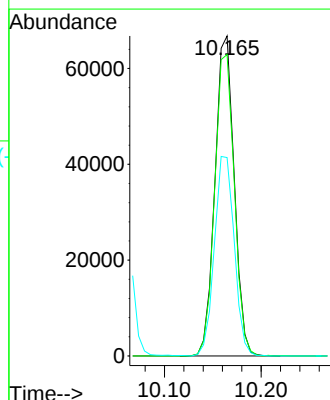
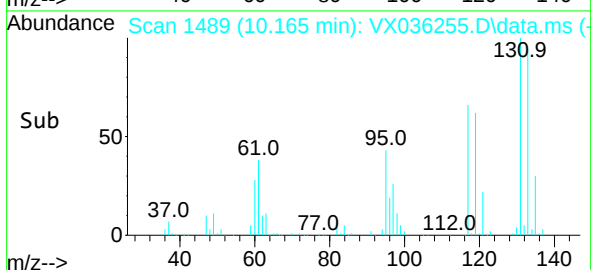
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

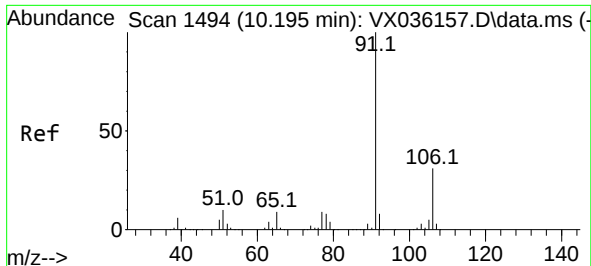


#66
1,1,1,2-Tetrachloroethane
Concen: 53.666 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion:131 Resp: 92337
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 54.876 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 48864

Ion Ratio Lower Upper

91 100

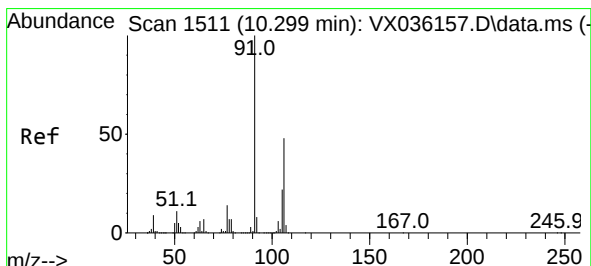
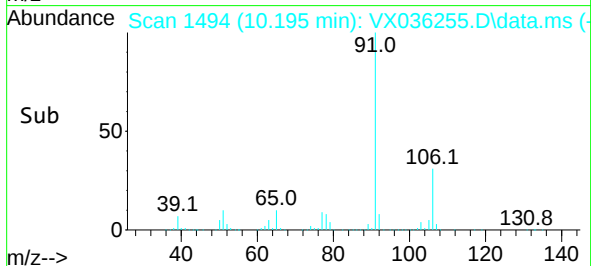
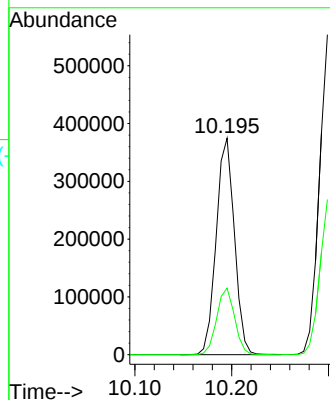
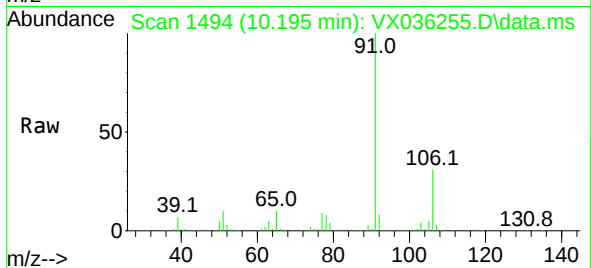
106 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#68

m/p-Xylenes

Concen: 108.338 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036255.D

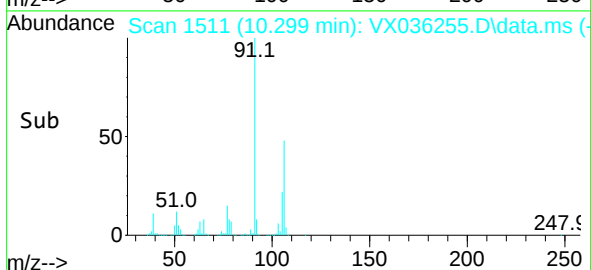
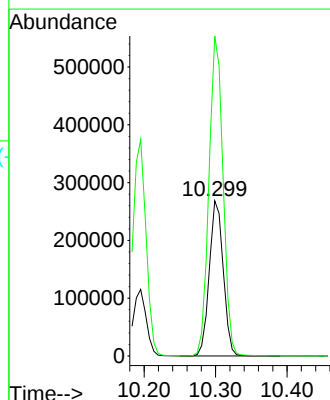
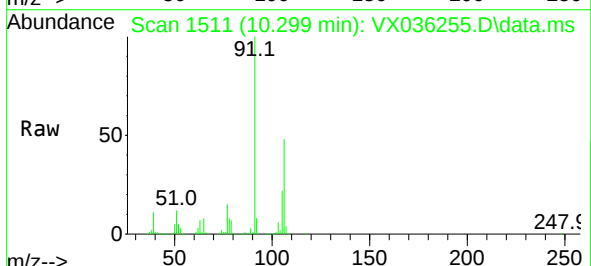
Acq: 20 Jun 2023 19:59

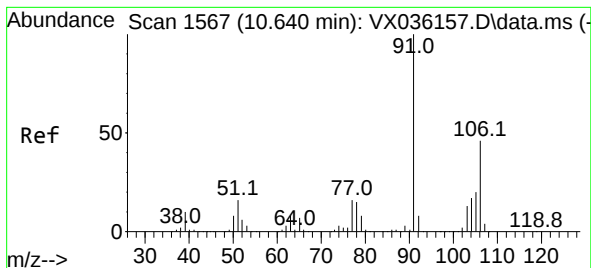
Tgt Ion:106 Resp: 363963

Ion Ratio Lower Upper

106 100

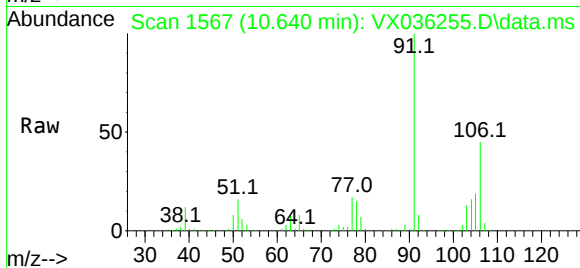
91 208.3 165.5 248.3





#69
o-Xylene
Concen: 54.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

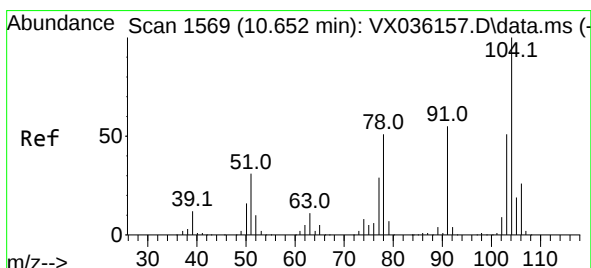
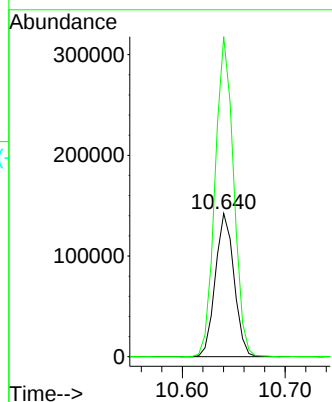
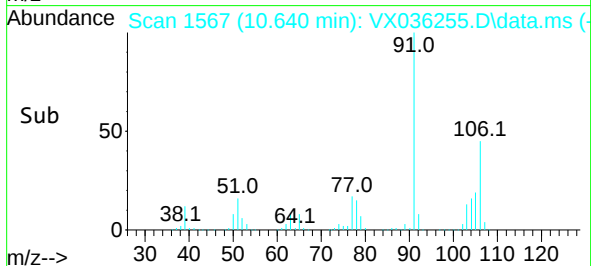
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 179479
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.8

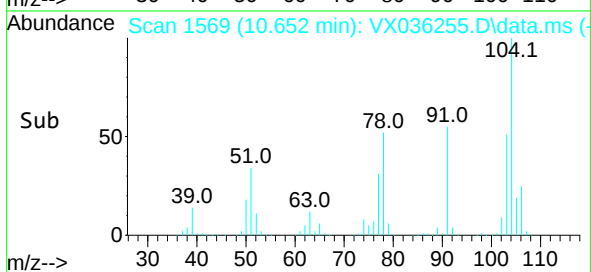
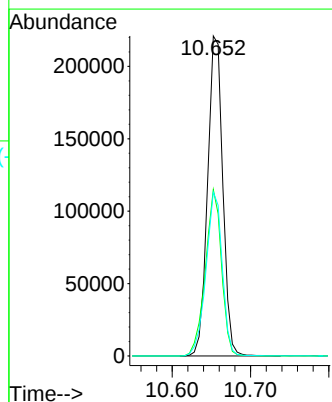
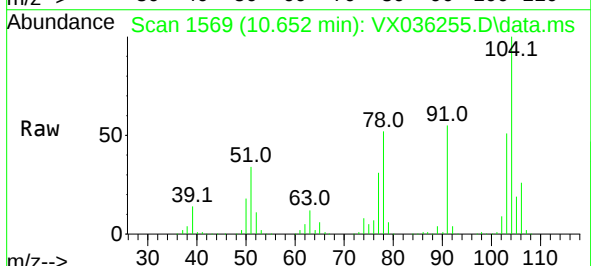
Manual Integrations
APPROVED

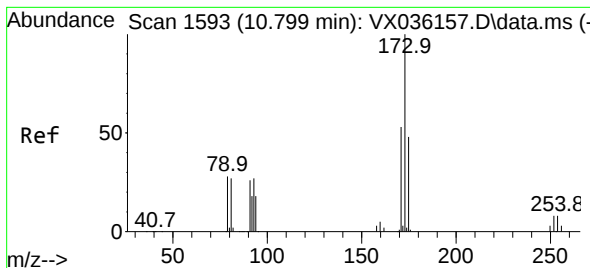
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 53.716 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

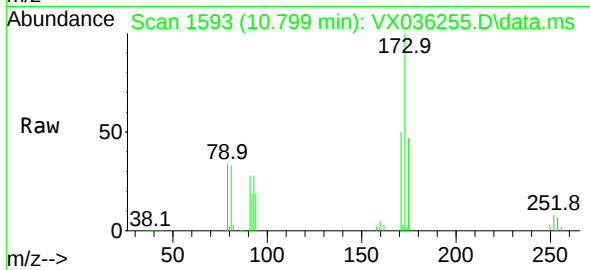
Tgt Ion:104 Resp: 296664
Ion Ratio Lower Upper
104 100
78 55.4 43.6 65.4
103 54.9 43.6 65.4





#71
Bromoform
Concen: 54.719 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

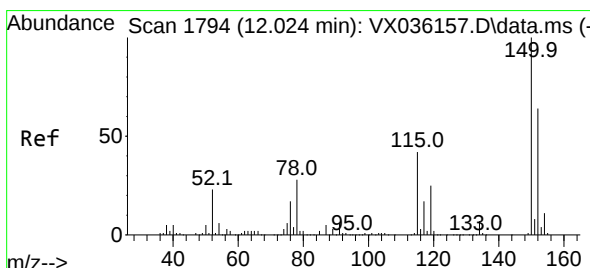
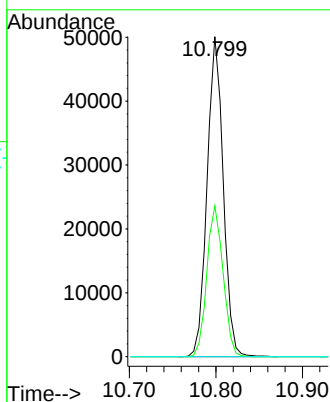
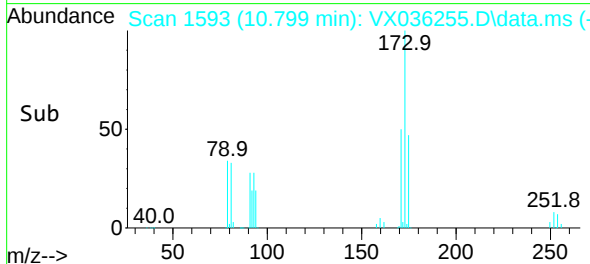
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



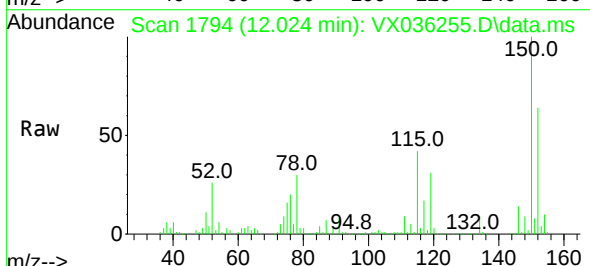
Tgt Ion:173 Resp: 6481
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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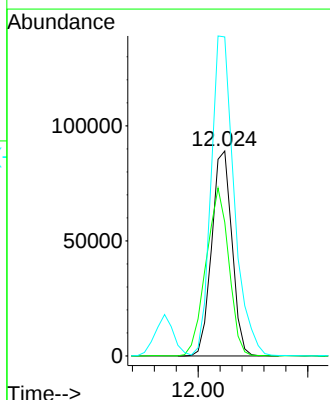
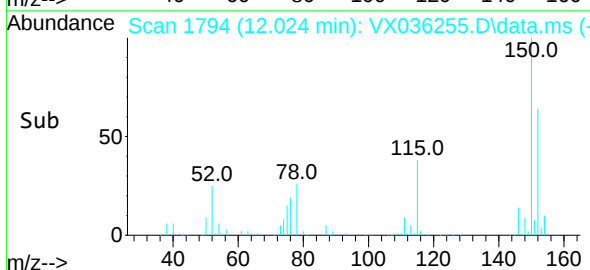
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

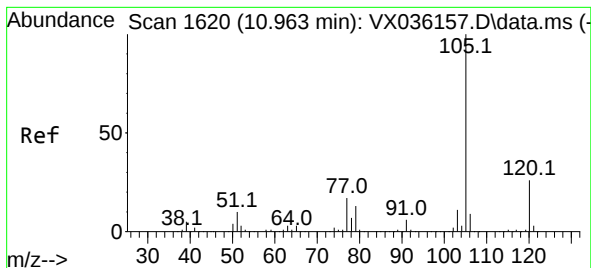


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion:152 Resp: 114291
Ion Ratio Lower Upper
152 100
115 92.1 43.3 129.9
150 177.8 0.0 345.0





#73

Isopropylbenzene

Concen: 55.678 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 47218

Ion Ratio Lower Upper

105 100

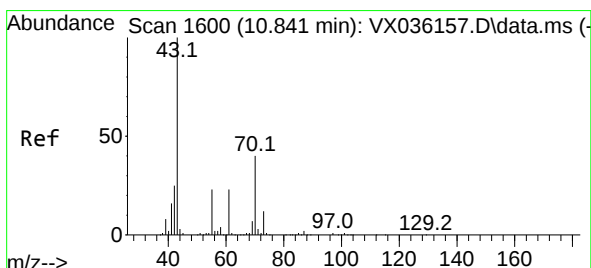
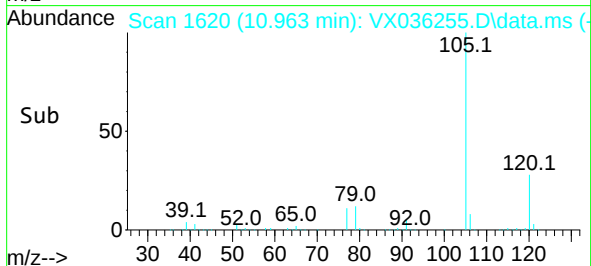
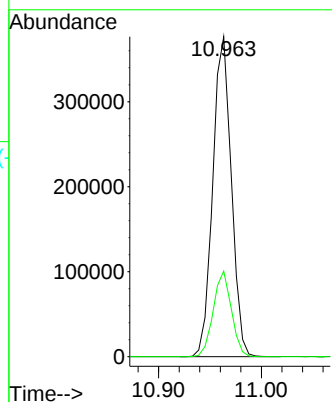
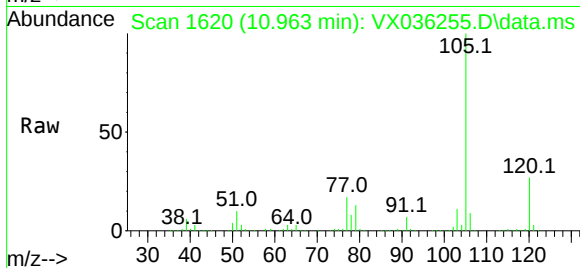
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#74

N-ethyl acetate

Concen: 60.424 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Tgt Ion: 43 Resp: 231563

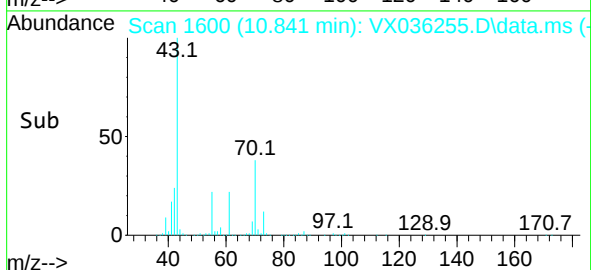
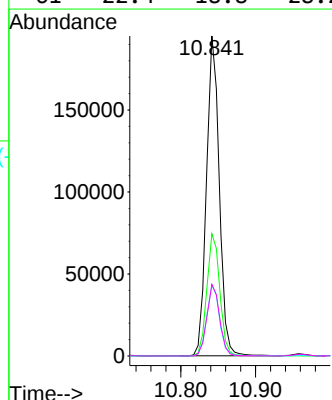
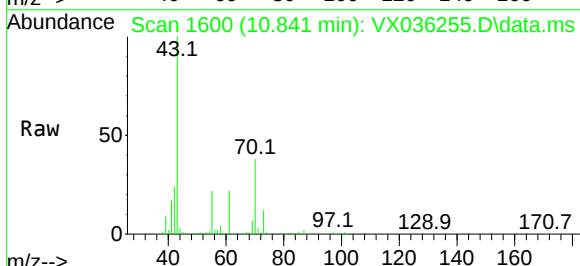
Ion Ratio Lower Upper

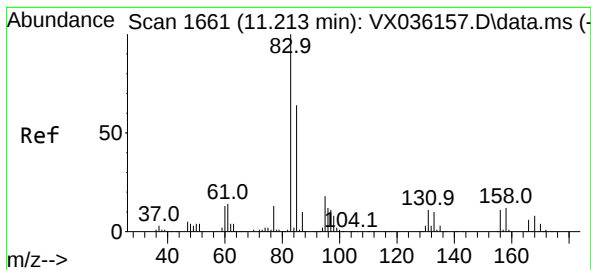
43 100

70 38.9 32.9 49.3

55 22.5 19.3 28.9

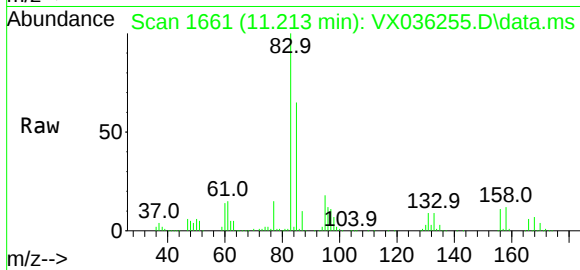
61 22.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.637 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

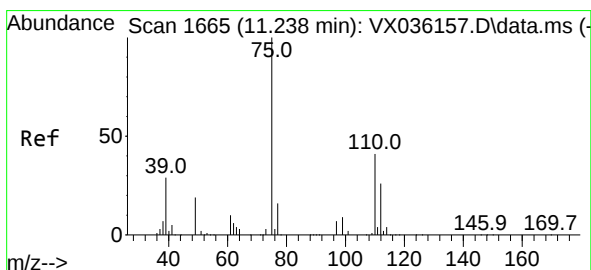
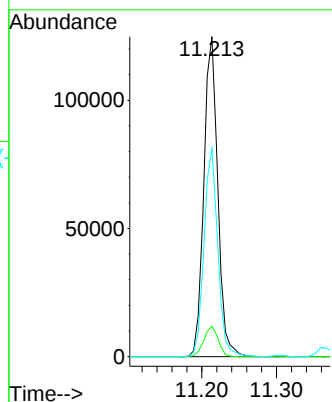
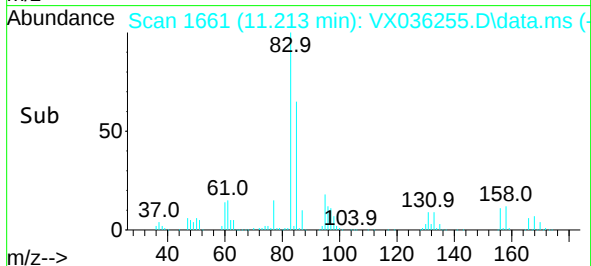
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



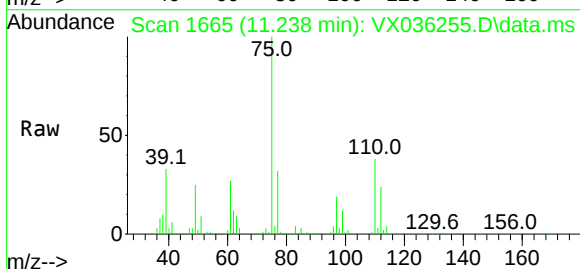
Tgt Ion: 83 Resp: 16156
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.4 32.0 96.2

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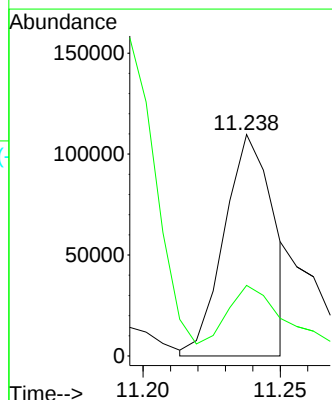
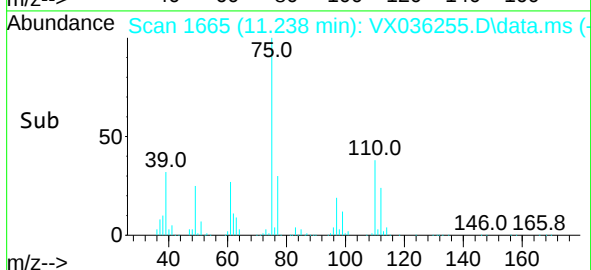
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

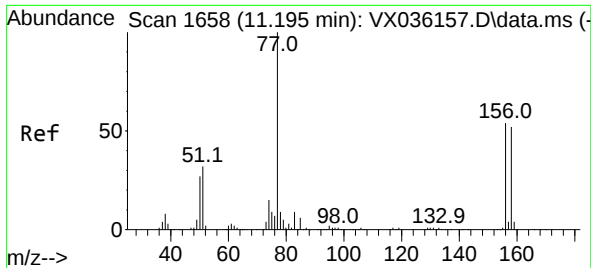


#76
1,2,3-Trichloropropane
Concen: 50.593 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



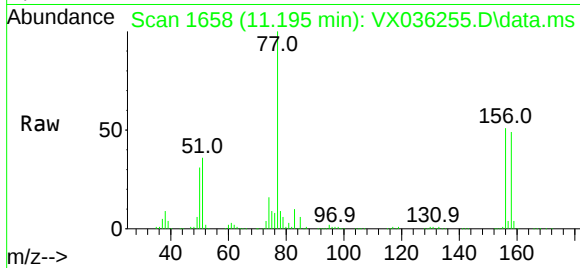
Tgt Ion: 75 Resp: 137230
Ion Ratio Lower Upper
75 100
77 41.0 19.1 57.5





#77
Bromobenzene
Concen: 53.110 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

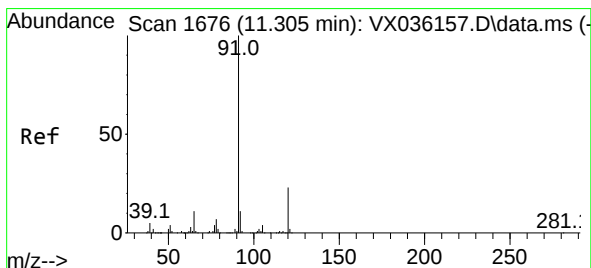
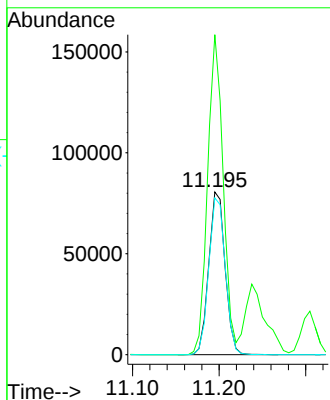
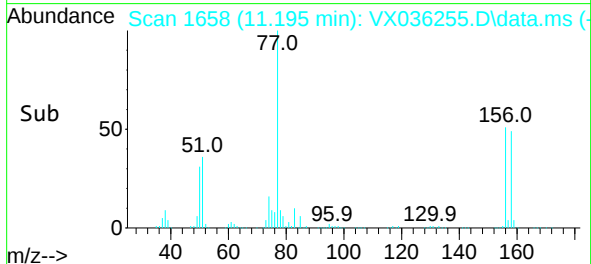
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



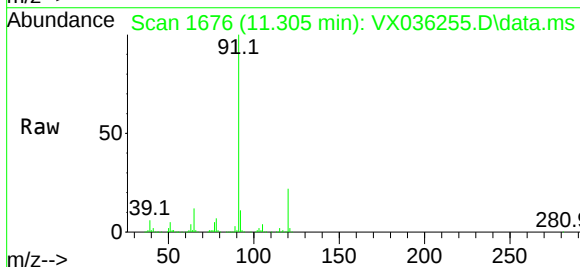
Tgt Ion:156 Resp: 105520
Ion Ratio Lower Upper
156 100
77 187.5 88.4 265.3
158 97.3 48.0 144.0

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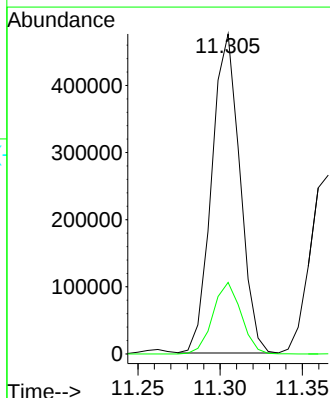
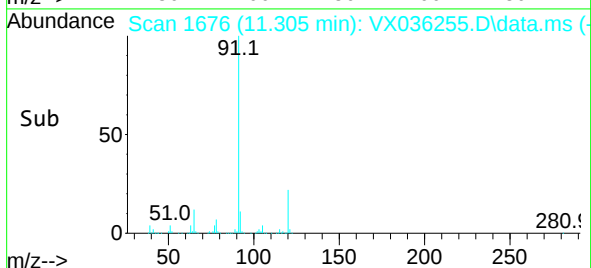
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

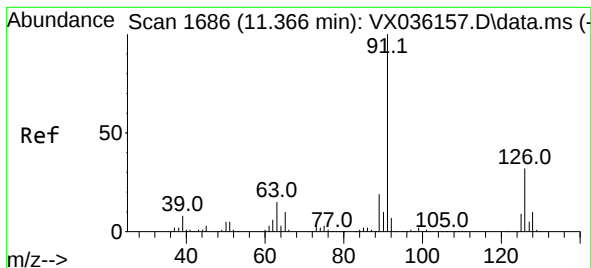


#78
n-propylbenzene
Concen: 56.837 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



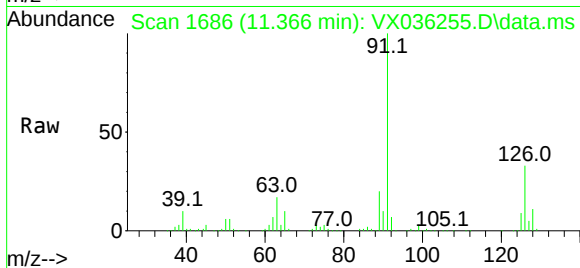
Tgt Ion: 91 Resp: 567038
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 53.666 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

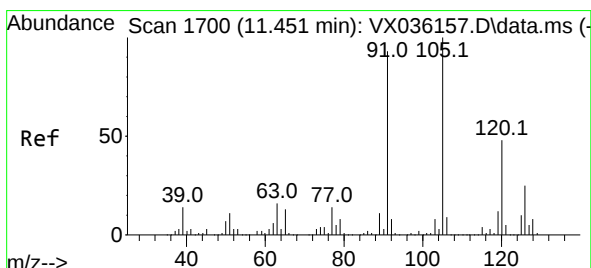
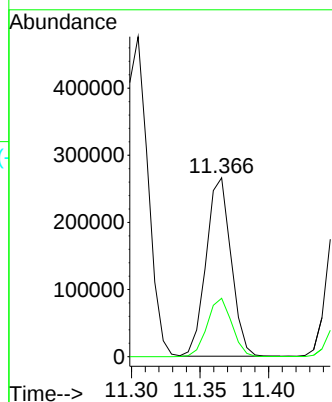
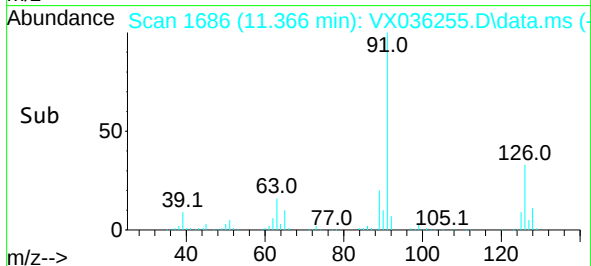
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



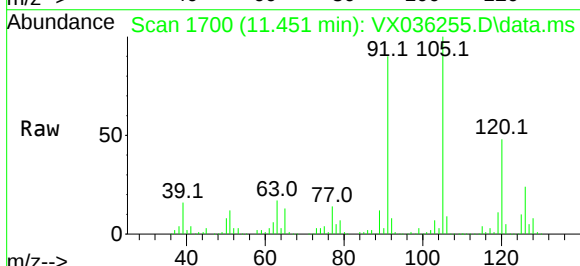
Tgt Ion: 91 Resp: 336758
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

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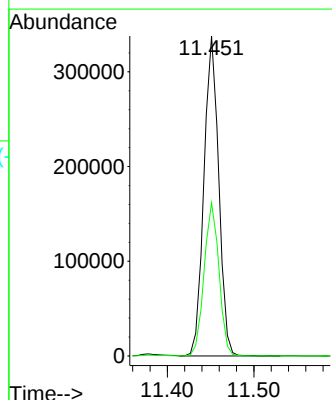
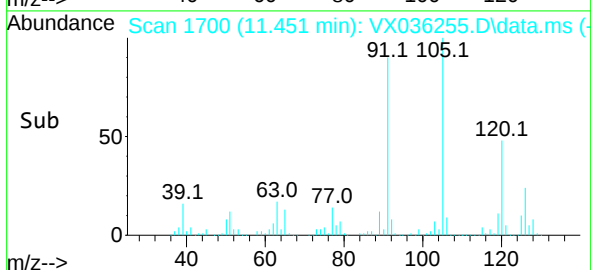
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

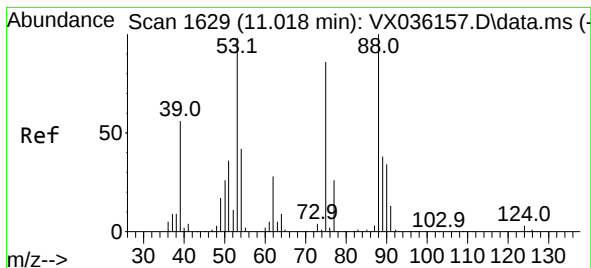


#80
1,3,5-Trimethylbenzene
Concen: 55.413 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion:105 Resp: 400159
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





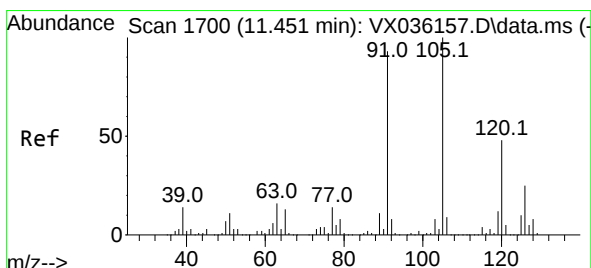
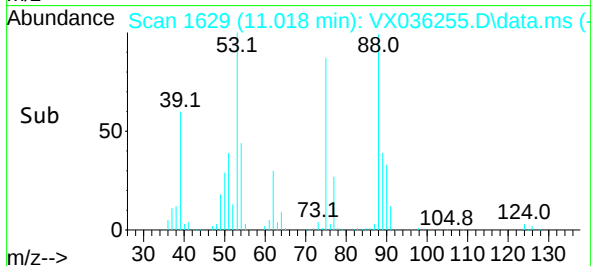
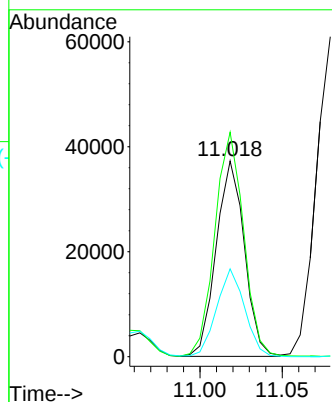
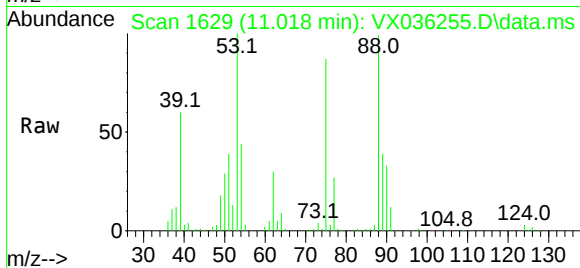
#81
trans-1,4-Dichloro-2-butene
Concen: 57.307 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 44409
Ion Ratio Lower Upper
75 100
53 117.0 90.5 135.7
89 44.7 36.9 55.3

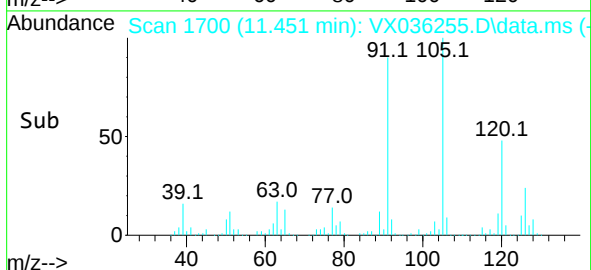
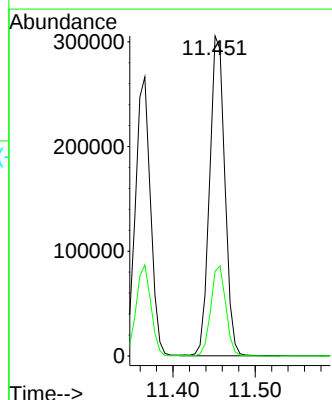
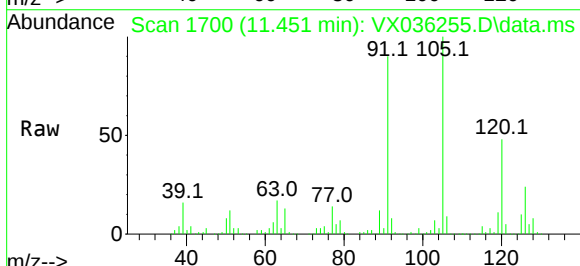
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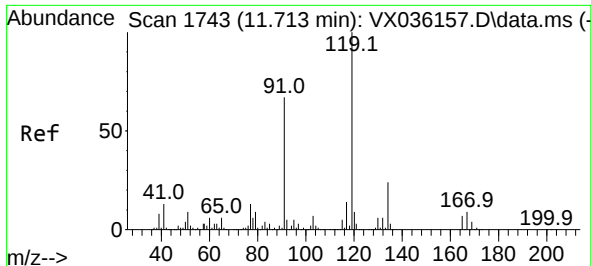
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 53.854 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

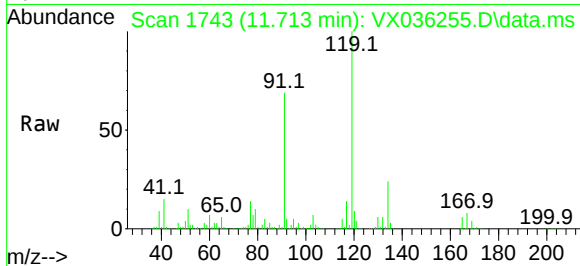
Tgt Ion: 91 Resp: 393743
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 55.558 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59

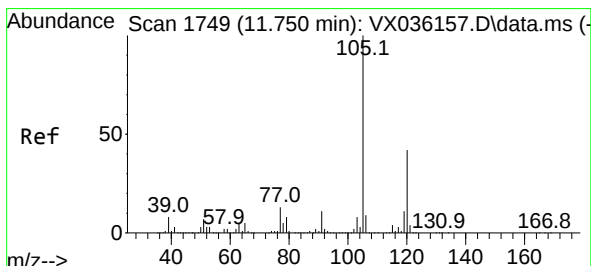
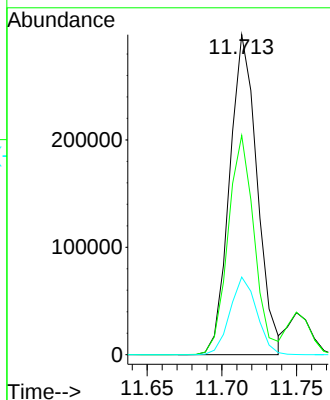
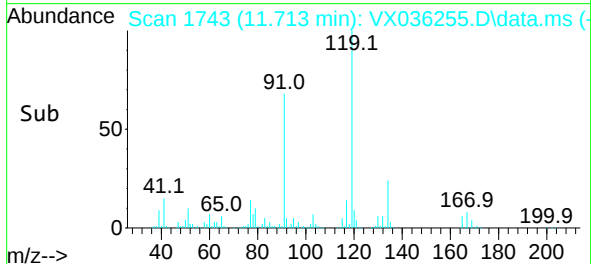
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



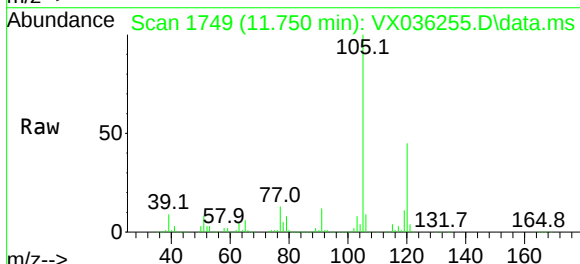
Tgt Ion:119 Resp: 381412
 Ion Ratio Lower Upper
 119 100
 91 65.3 31.2 93.6
 134 23.6 11.7 35.0

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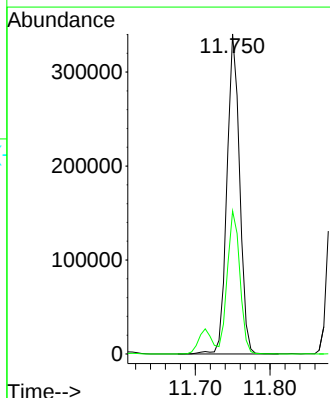
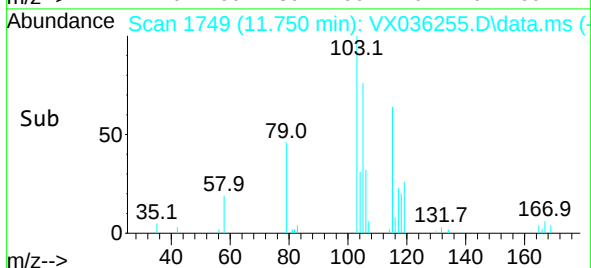
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

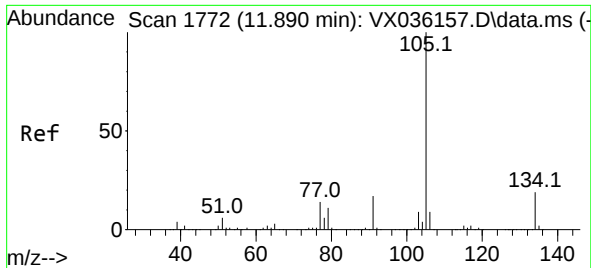


#84
 1,2,4-Trimethylbenzene
 Concen: 55.682 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59



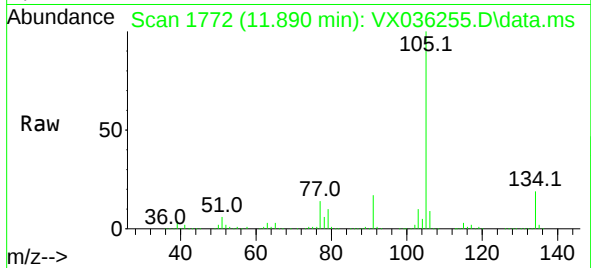
Tgt Ion:105 Resp: 401074
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 58.381 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59

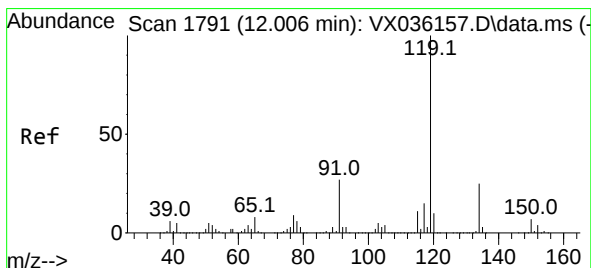
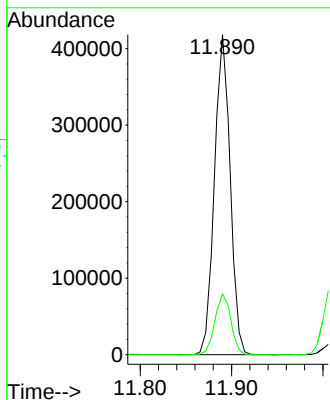
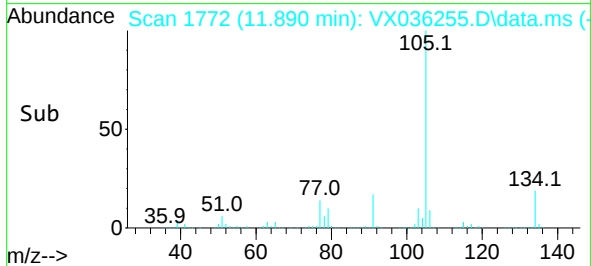
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



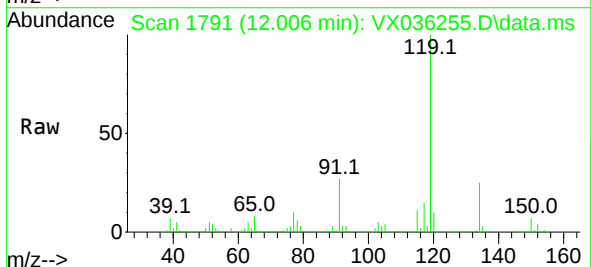
Tgt Ion:105 Resp: 499050
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

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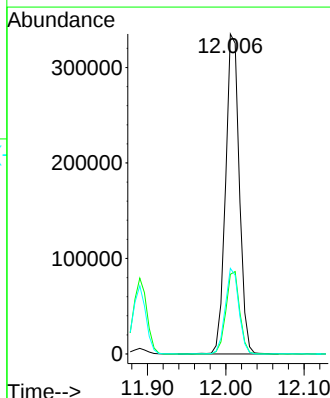
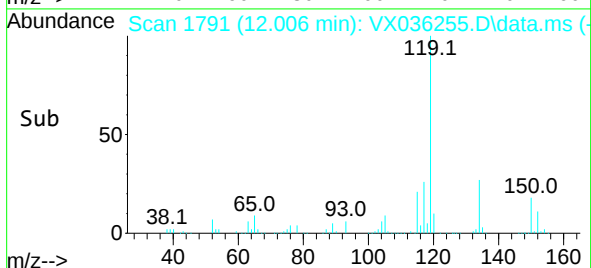
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

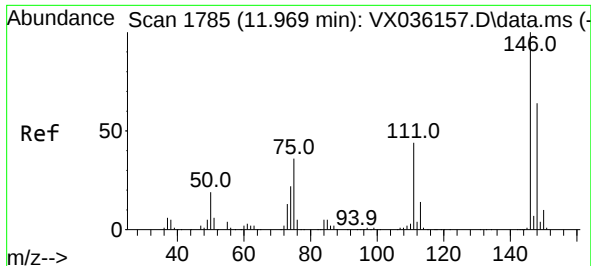


#86
 p-Isopropyltoluene
 Concen: 56.870 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036255.D
 Acq: 20 Jun 2023 19:59



Tgt Ion:119 Resp: 409007
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.319 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036255.D

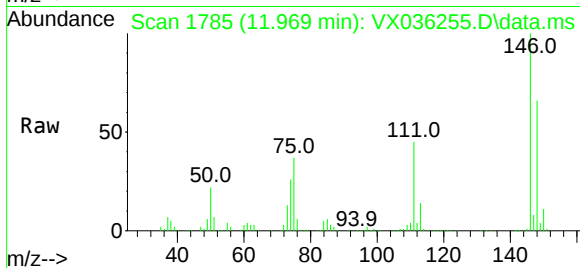
Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 202039

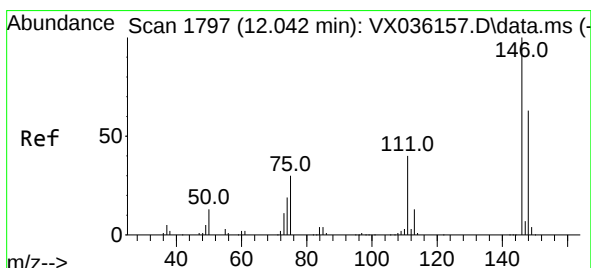
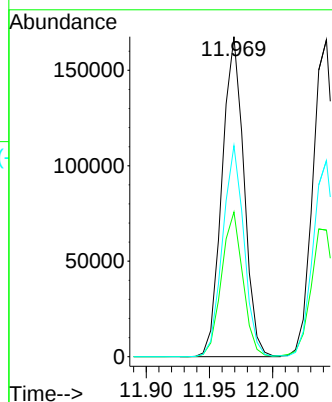
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.1	31.8	95.3

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Supervised By :Mahesh Dadoda 06/22/2023



#88

1,4-Dichlorobenzene

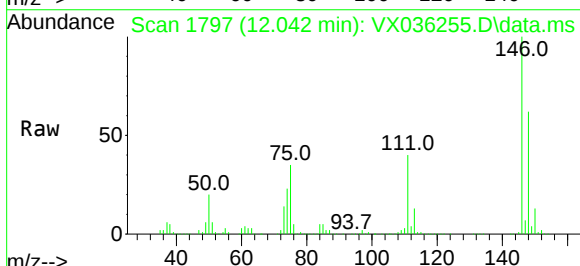
Concen: 52.789 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

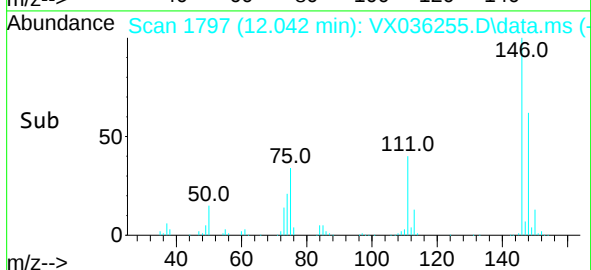
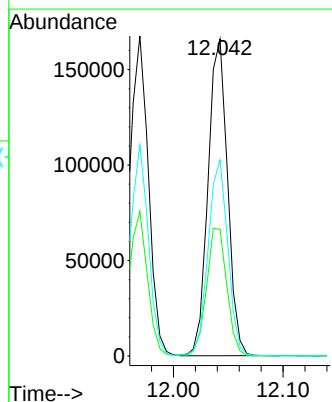
Lab File: VX036255.D

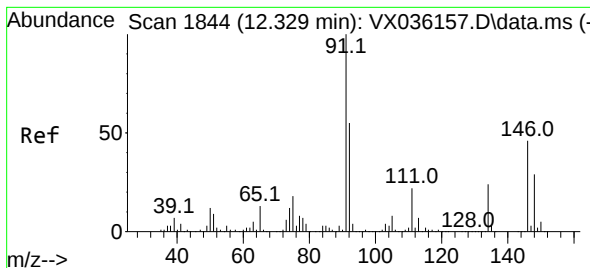
Acq: 20 Jun 2023 19:59



Tgt Ion:146 Resp: 204891

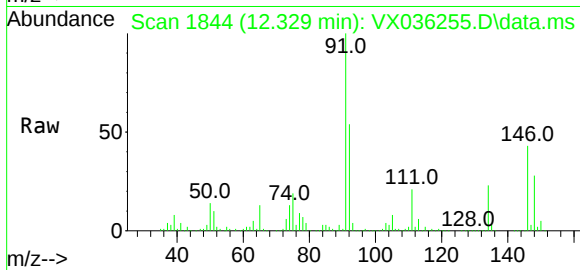
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	62.7	31.8	95.4





#89
n-Butylbenzene
Concen: 58.748 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

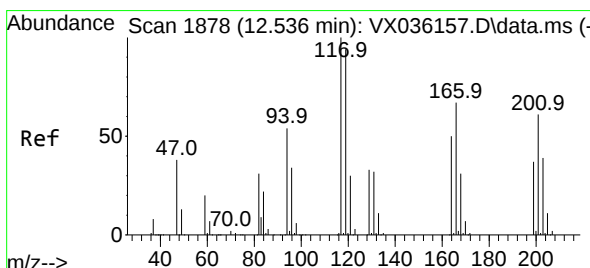
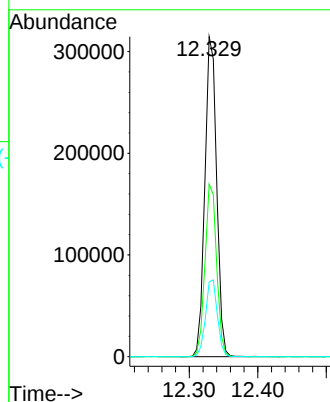
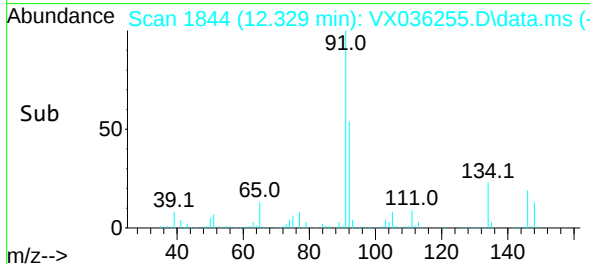
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 377064
Ion Ratio Lower Upper
91 100
92 53.5 27.4 82.0
134 24.2 12.6 37.8

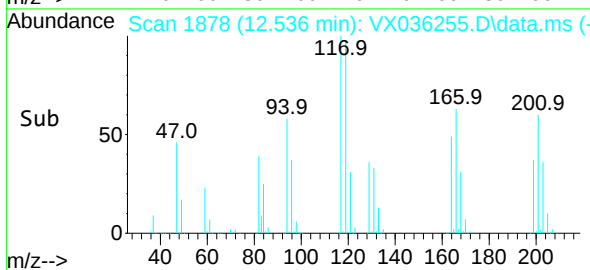
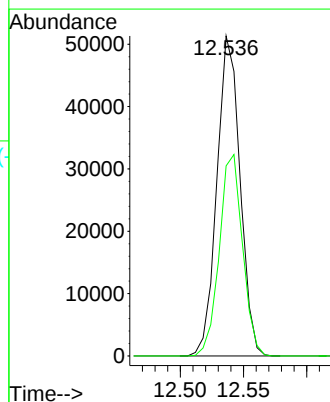
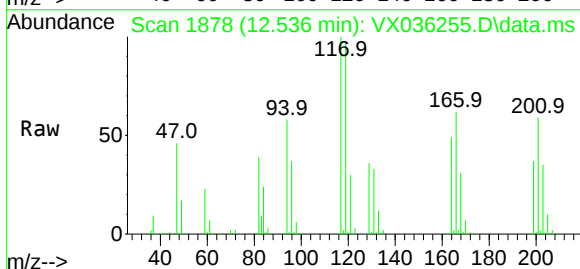
Manual Integrations
APPROVED

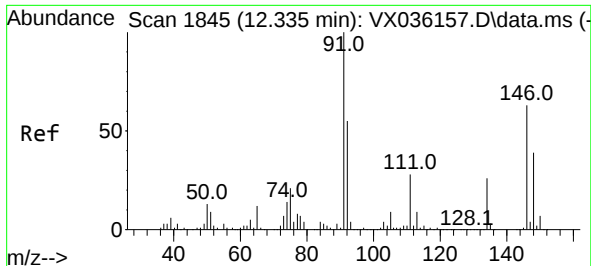
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 57.794 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

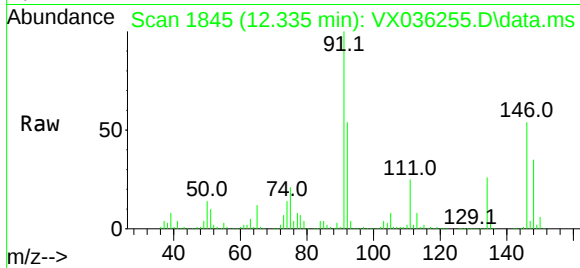
Tgt Ion:117 Resp: 65199
Ion Ratio Lower Upper
117 100
201 63.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.088 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

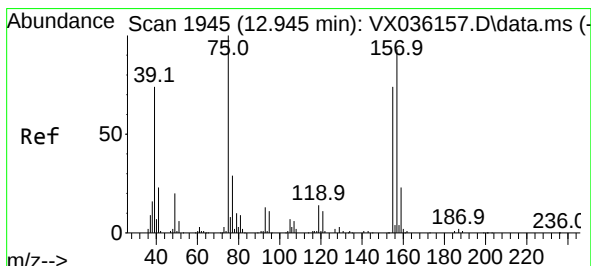
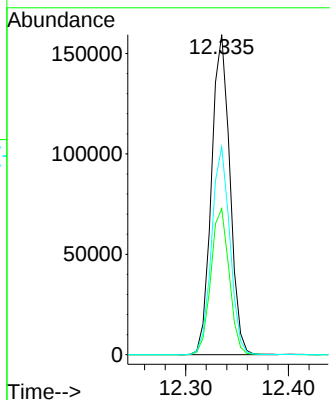
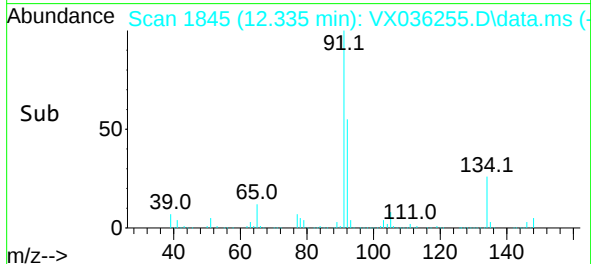
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



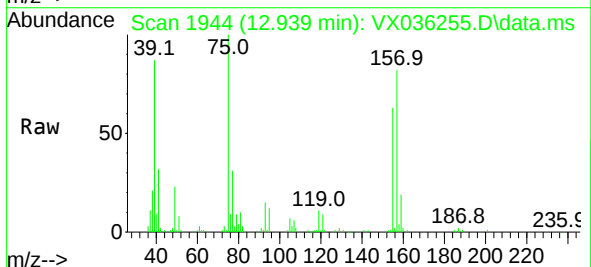
Tgt Ion:146 Resp: 197432
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 64.7 31.6 95.0

Manual Integrations
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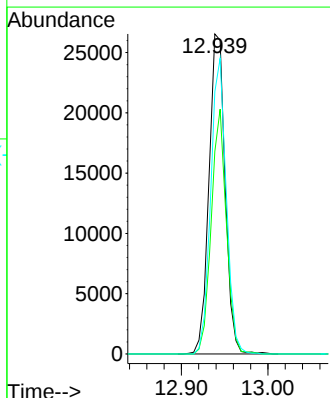
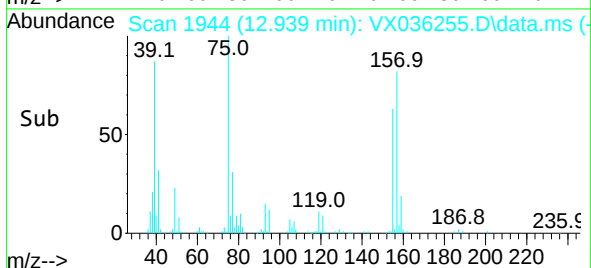
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

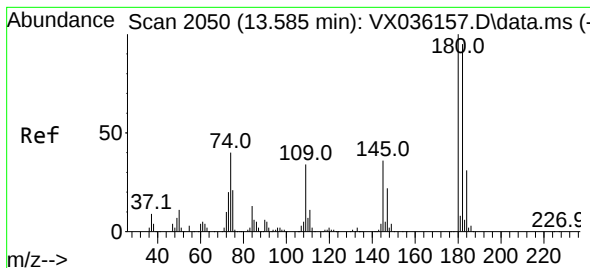


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.732 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion: 75 Resp: 34415
Ion Ratio Lower Upper
75 100
155 71.5 36.1 108.5
157 89.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.940 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 117930

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

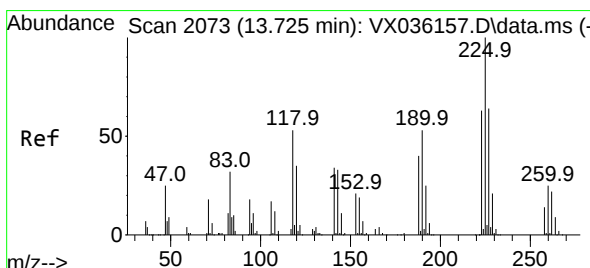
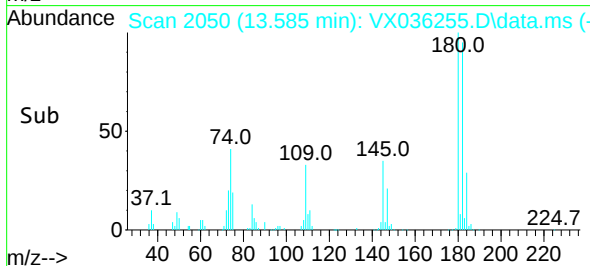
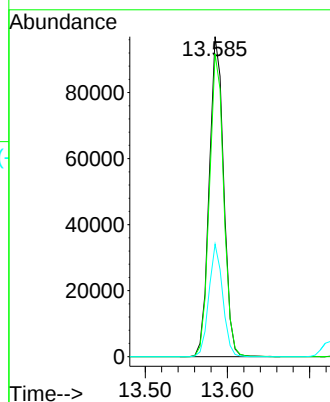
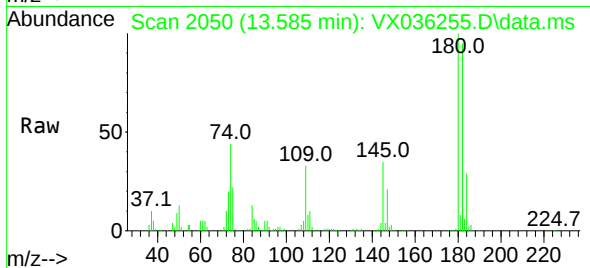
145 33.6 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 53.926 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036255.D

Acq: 20 Jun 2023 19:59

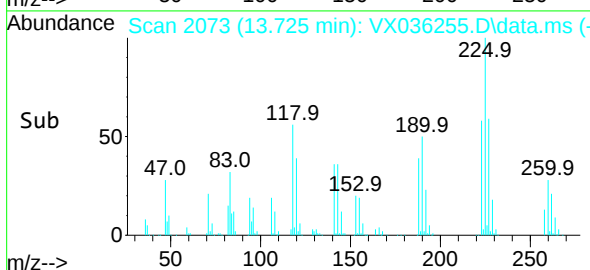
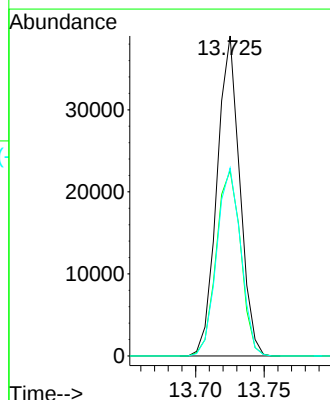
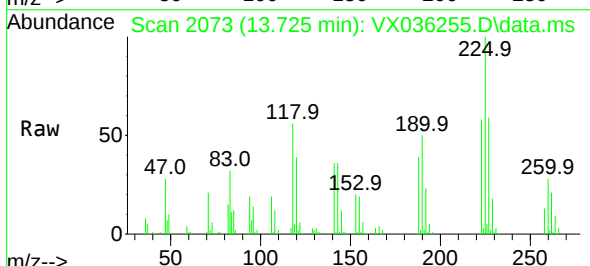
Tgt Ion:225 Resp: 44941

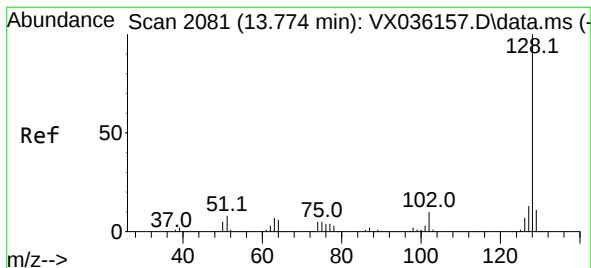
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

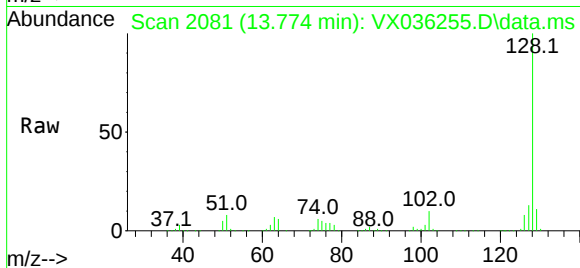
227 62.0 32.5 97.5





#95
Naphthalene
Concen: 57.366 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59

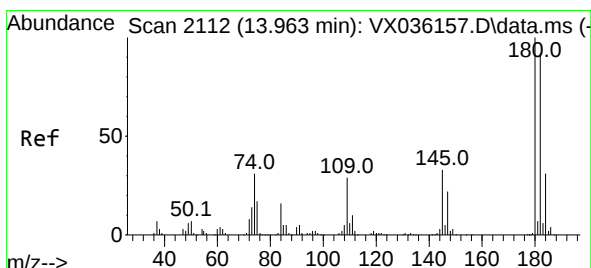
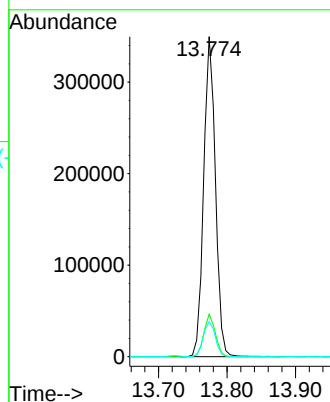
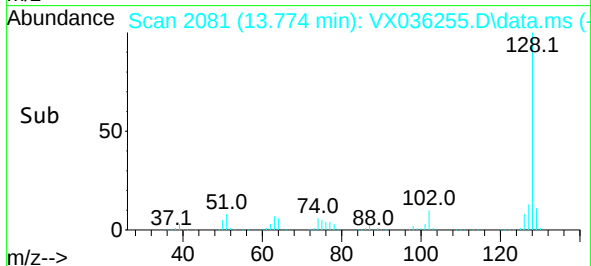
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



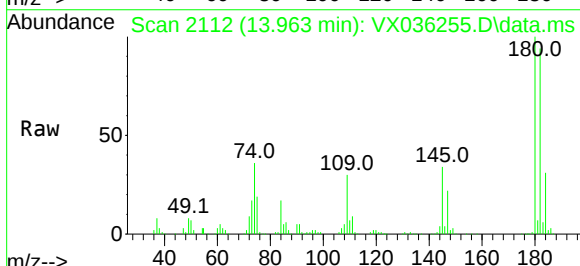
Tgt Ion:128 Resp: 417149
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.265 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036255.D
Acq: 20 Jun 2023 19:59



Tgt Ion:180 Resp: 116831
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 35.5 17.8 53.5

