

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037594.D
 Acq On : 07 Sep 2023 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 00:52:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115269	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	200381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84297	50.726	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.460%			
35) Dibromofluoromethane	5.391	113	77935	58.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.460%			
50) Toluene-d8	8.653	98	264300	54.905	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.800%			
62) 4-Bromofluorobenzene	11.079	95	106864	56.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	60831	45.431	ug/l	99
3) Chloromethane	1.307	50	58827	50.219	ug/l	97
4) Vinyl Chloride	1.374	62	65775	51.585	ug/l	100
5) Bromomethane	1.599	94	27973	44.042	ug/l	99
6) Chloroethane	1.672	64	36027	48.015	ug/l	99
7) Trichlorofluoromethane	1.880	101	103277	49.446	ug/l	99
8) Diethyl Ether	2.136	74	45156	55.880	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.325	101	63922	52.460	ug/l	95
10) Methyl Iodide	2.447	142	83323	56.264	ug/l	92
11) Tert butyl alcohol	2.971	59	106416	272.986	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	64160	54.071	ug/l	82
13) Acrolein	2.239	56	82143	276.991	ug/l	99
14) Allyl chloride	2.660	41	91379	49.754	ug/l #	86
15) Acrylonitrile	3.069	53	224902	323.236	ug/l	99
16) Acetone	2.386	43	181026	278.452	ug/l #	82
17) Carbon Disulfide	2.508	76	123146	40.801	ug/l	97
18) Methyl Acetate	2.709	43	147344	60.194	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	252439	56.095	ug/l	97
20) Methylene Chloride	2.788	84	79346	54.576	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	69059	51.198	ug/l	83
22) Diisopropyl ether	3.764	45	210823	55.939	ug/l #	83
23) Vinyl Acetate	3.727	43	780297	270.179	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	132213	55.942	ug/l	97
25) 2-Butanone	4.562	43	289144	295.383	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	59682	28.277	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	89684	56.399	ug/l	80
28) Bromochloromethane	4.904	49	58449	55.362	ug/l #	69
29) Tetrahydrofuran	5.007	42	183116	293.333	ug/l #	80
30) Chloroform	5.099	83	146765	55.320	ug/l	99
31) Cyclohexane	5.471	56	92386	49.442	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	126005	53.000	ug/l	95
36) 1,1-Dichloropropene	5.696	75	92340	48.976	ug/l	95
37) Ethyl Acetate	4.721	43	107279	55.702	ug/l #	90
38) Carbon Tetrachloride	5.678	117	105314	51.421	ug/l	99
39) Methylcyclohexane	7.379	83	106991	54.011	ug/l	90
40) Benzene	6.037	78	302067	55.862	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58210	58.139	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	105634	49.815	ug/l	91
43) Isopropyl Acetate	6.342	43	169156	55.321	ug/l #	88
44) Trichloroethene	7.129	130	80922	52.777	ug/l	95
45) 1,2-Dichloropropane	7.434	63	78393	58.796	ug/l	96
46) Dibromomethane	7.580	93	58461	55.659	ug/l	92
47) Bromodichloromethane	7.824	83	112859	56.098	ug/l	98
48) Methyl methacrylate	7.696	41	82404	55.261	ug/l #	78
49) 1,4-Dioxane	7.665	88	48916	1218.028	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	559008	301.073	ug/l #	87
52) Toluene	8.720	92	197444	55.264	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	108577	50.687	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120591	52.095	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	91065	62.596	ug/l	98
56) Ethyl methacrylate	9.116	69	137569	60.370	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	144721	59.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	299908	274.249	ug/l	91
59) 2-Hexanone	9.433	43	424302	299.711	ug/l	83
60) Dibromochloromethane	9.525	129	93500	60.364	ug/l	100
61) 1,2-Dibromoethane	9.610	107	93400	58.638	ug/l	99
64) Tetrachloroethene	9.275	164	69195	49.718	ug/l	95
65) Chlorobenzene	10.079	112	219767	54.504	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86469	58.104	ug/l	99
67) Ethyl Benzene	10.195	91	378732	53.380	ug/l	98
68) m/p-Xylenes	10.299	106	297010	108.400	ug/l	95
69) o-Xylene	10.640	106	149564	55.327	ug/l	97
70) Styrene	10.659	104	252270	56.653	ug/l	96
71) Bromoform	10.799	173	67707	60.823	ug/l #	99
73) Isopropylbenzene	10.963	105	387094	55.950	ug/l	98
74) N-amyl acetate	10.842	43	144624	53.797	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	141251	60.622	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	112546m	55.519	ug/l	
77) Bromobenzene	11.201	156	95706	56.641	ug/l	89
78) n-propylbenzene	11.305	91	428589	55.632	ug/l	98
79) 2-Chlorotoluene	11.366	91	268741	54.587	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	327161	56.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34969	48.181	ug/l #	84
82) 4-Chlorotoluene	11.457	91	300543	52.885	ug/l	97
83) tert-Butylbenzene	11.713	119	338604	61.519	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	330526	56.667	ug/l	97
85) sec-Butylbenzene	11.890	105	406210	63.184	ug/l	99
86) p-Isopropyltoluene	12.012	119	339793	61.397	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	172503	54.529	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	172314	52.721	ug/l	99
89) n-Butylbenzene	12.335	91	272942	59.485	ug/l	99
90) Hexachloroethane	12.536	117	60873	65.898	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	175905	56.785	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31517	58.214	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	104626	57.723	ug/l	97
94) Hexachlorobutadiene	13.725	225	44920	64.150	ug/l	99
95) Naphthalene	13.774	128	399927	50.370	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	109905	61.031	ug/l	100

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VSTDCCC050EC

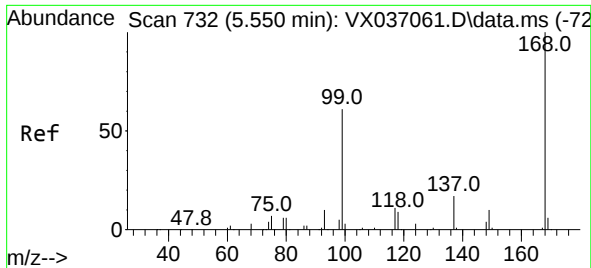
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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



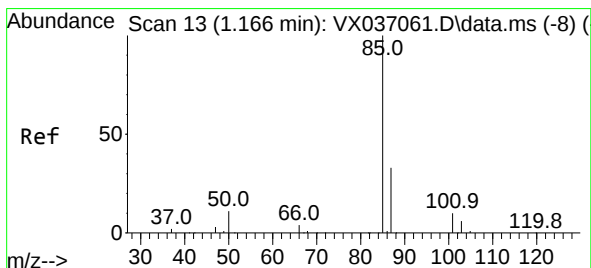
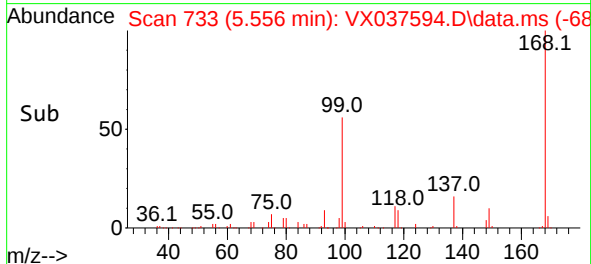
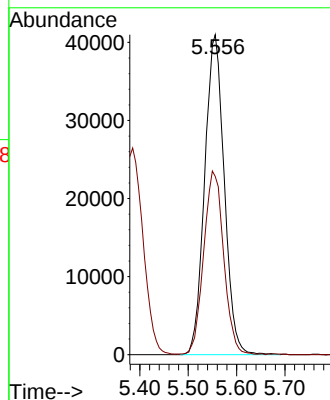
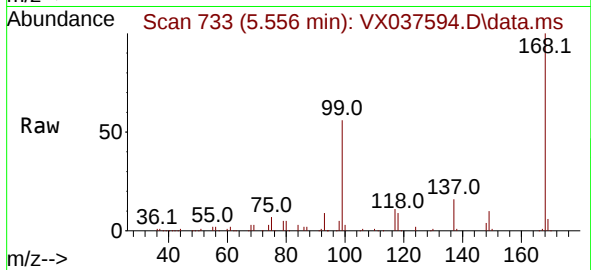
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037594.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 115269
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0

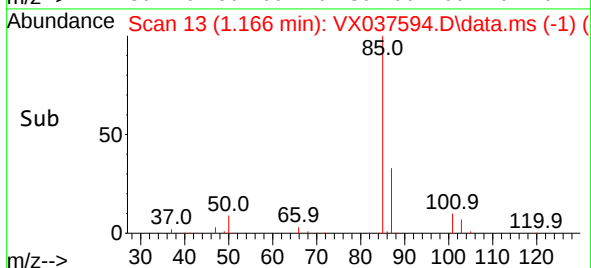
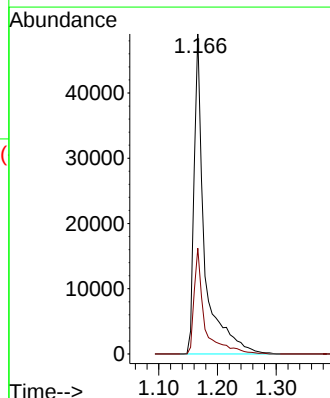
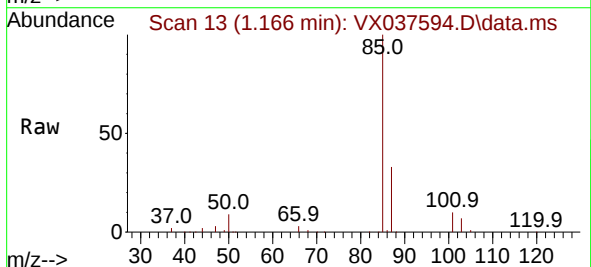
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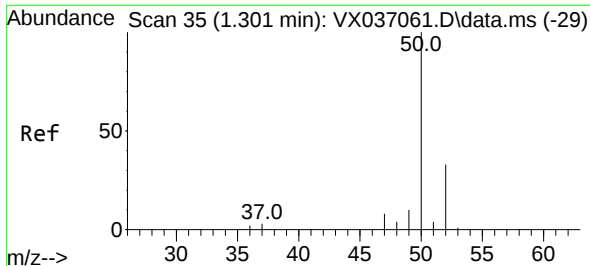
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 45.431 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion: 85 Resp: 60831
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





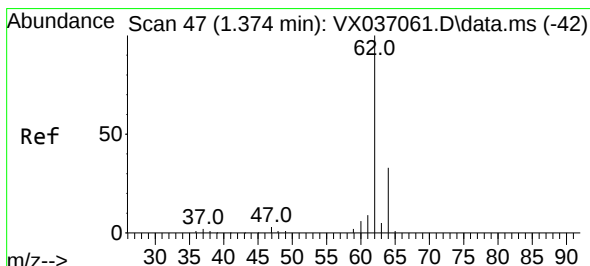
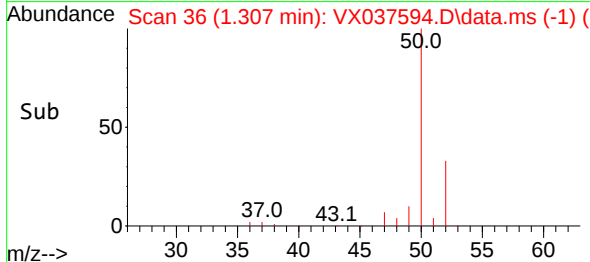
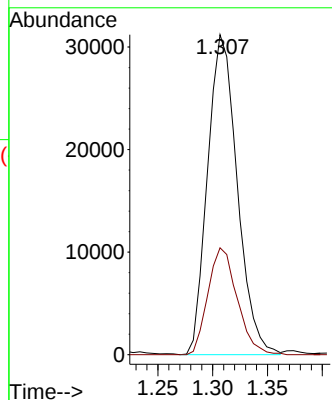
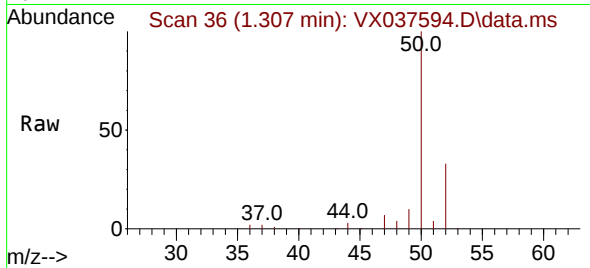
#3
Chloromethane
Concen: 50.219 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
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Tgt Ion: 50 Resp: 5882
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

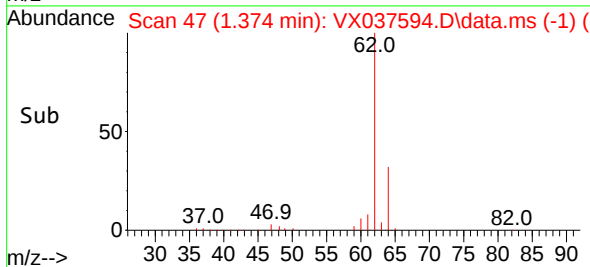
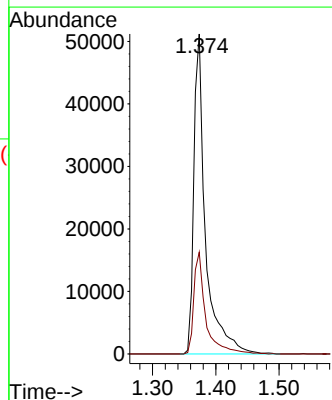
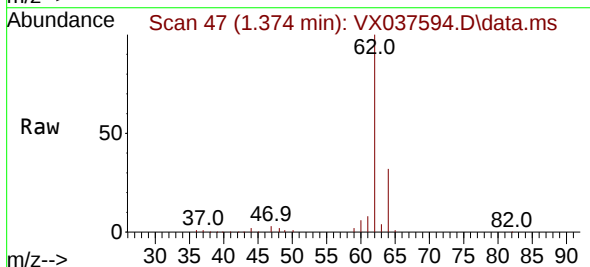
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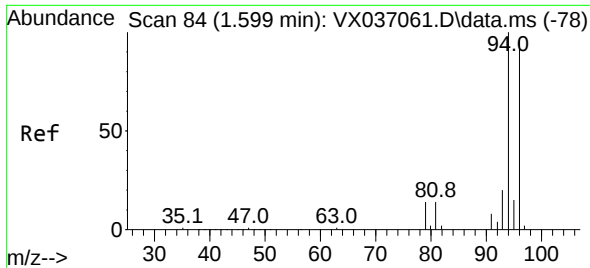
Reviewed By :John Carlone 09/08/2023
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#4
Vinyl Chloride
Concen: 51.585 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

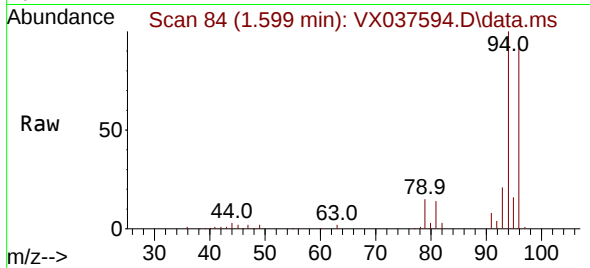
Tgt Ion: 62 Resp: 65775
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 44.042 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037594.D
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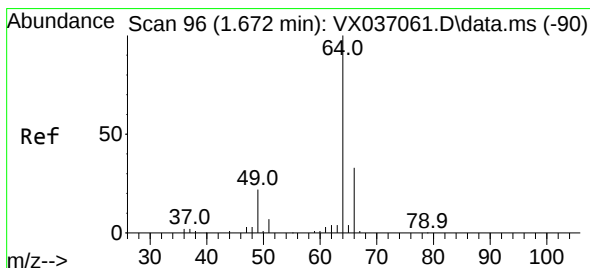
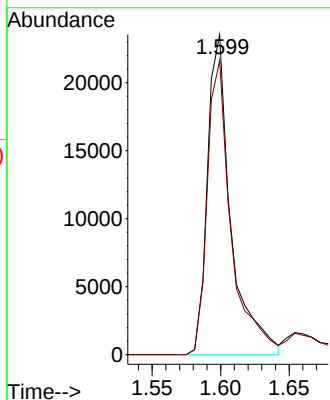
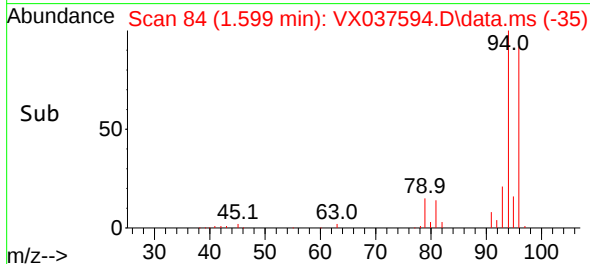
Instrument :
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Tgt Ion: 94 Resp: 2797
Ion Ratio Lower Upper
94 100
96 92.0 74.6 111.8

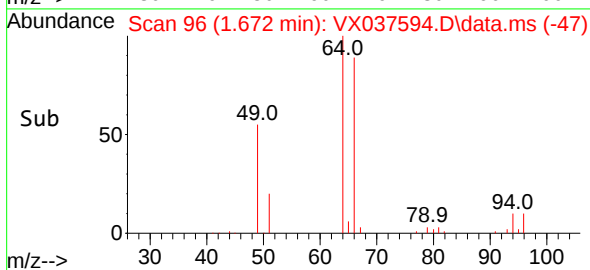
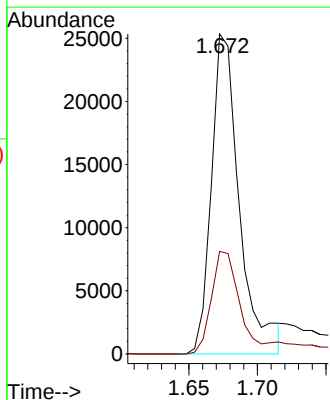
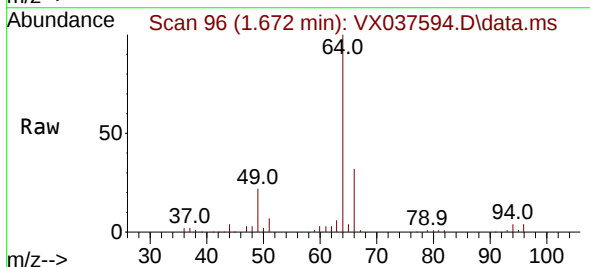
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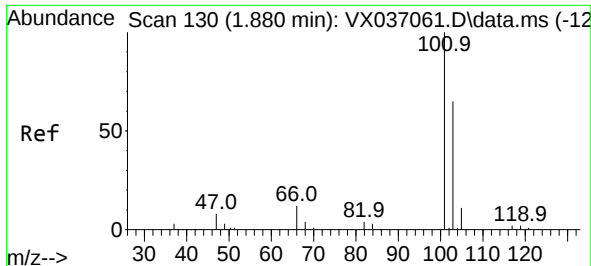
Reviewed By :John Carlone 09/08/2023
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#6
Chloroethane
Concen: 48.015 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037594.D
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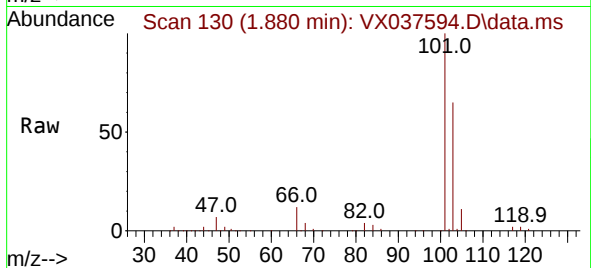
Tgt Ion: 64 Resp: 36027
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 49.446 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037594.D
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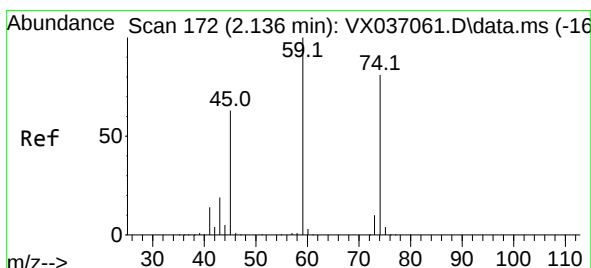
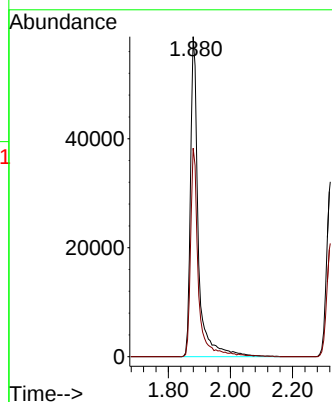
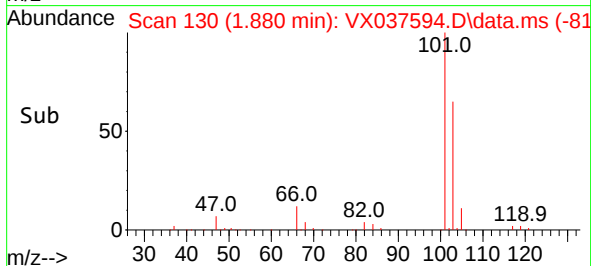
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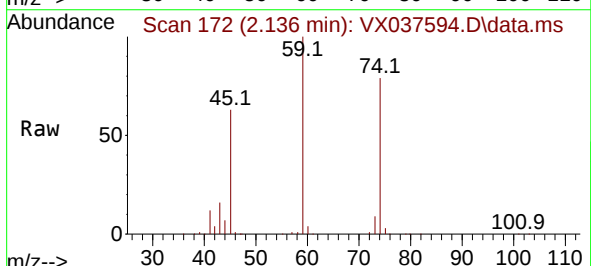
Tgt Ion:101 Resp: 10327
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

Manual Integrations
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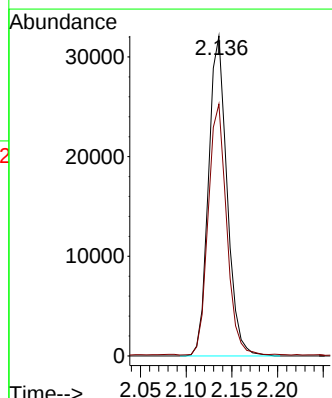
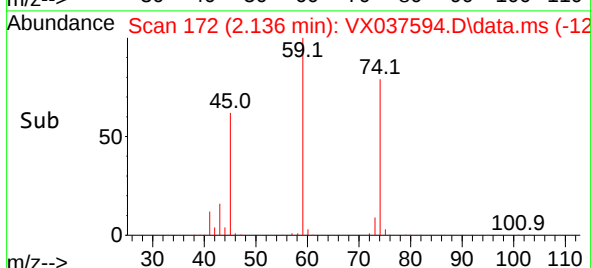
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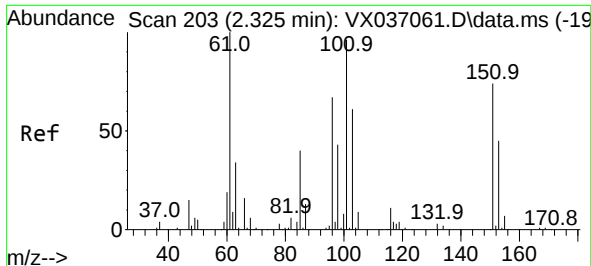


#8
 Diethyl Ether
 Concen: 55.880 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX037594.D
 Acq: 07 Sep 2023 21:35



Tgt Ion: 74 Resp: 45156
 Ion Ratio Lower Upper
 74 100
 45 77.8 53.3 159.8





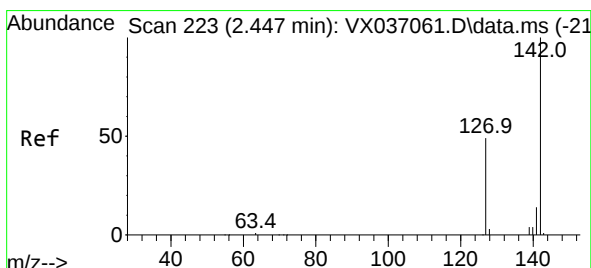
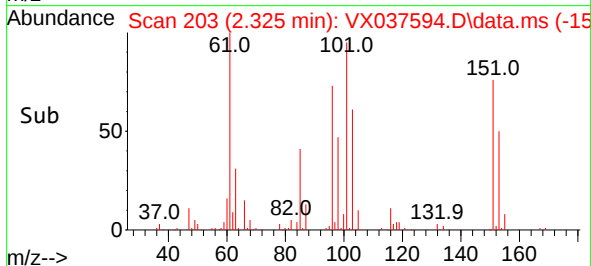
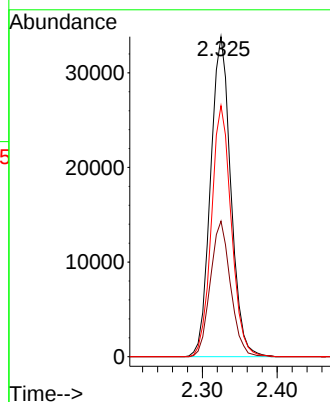
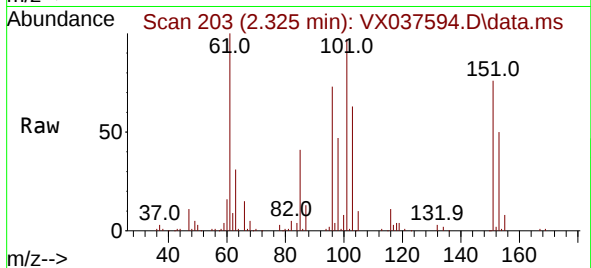
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.460 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6392
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 77.1 58.6 87.8

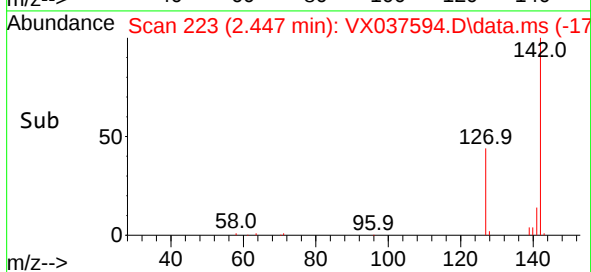
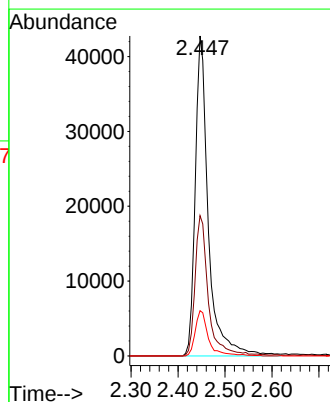
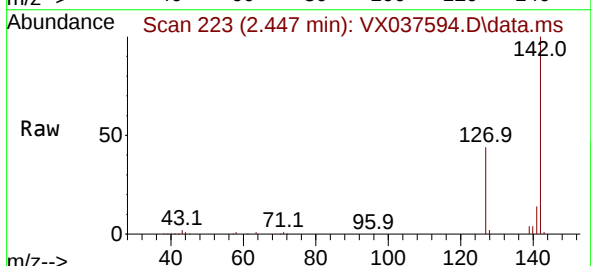
Manual Integrations
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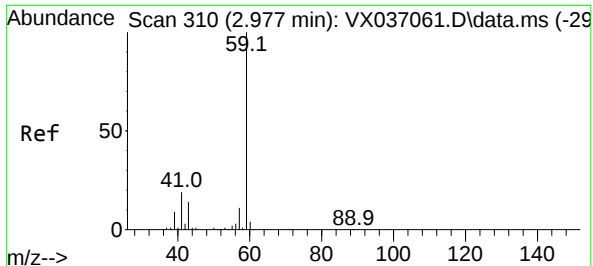
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
Methyl Iodide
Concen: 56.264 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion:142 Resp: 83323
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.3 11.6 17.4





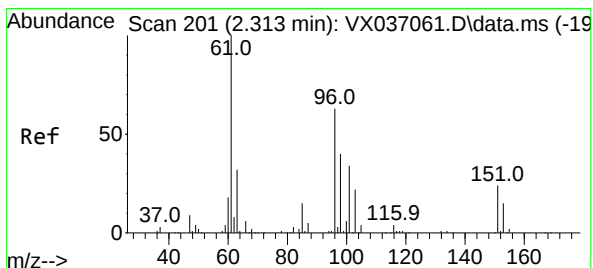
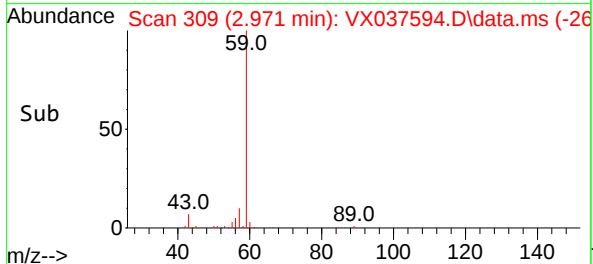
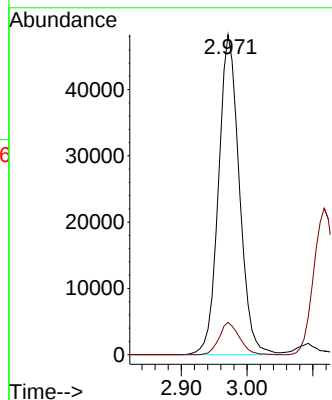
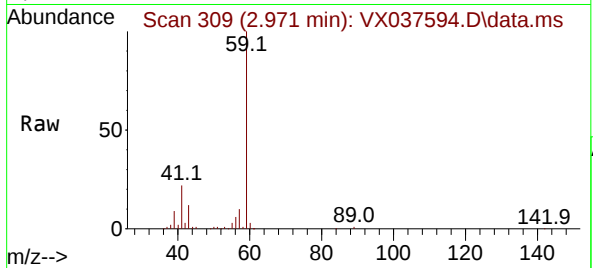
#11
Tert butyl alcohol
Concen: 272.986 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 106410
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

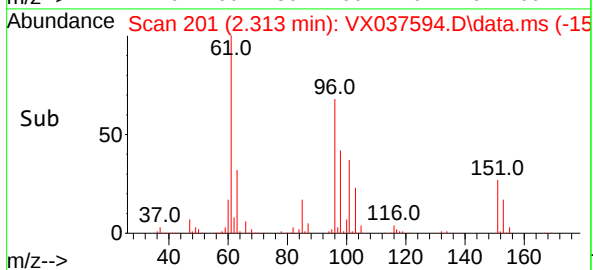
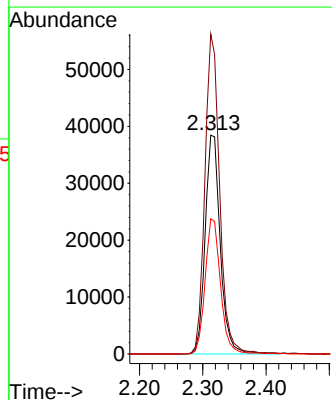
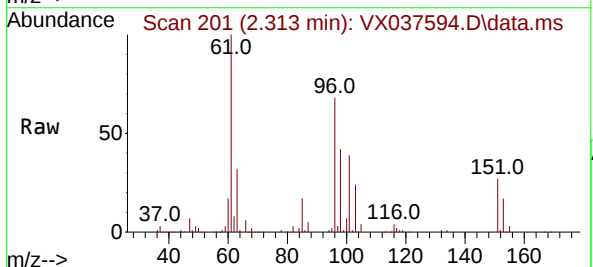
Manual Integrations
APPROVED

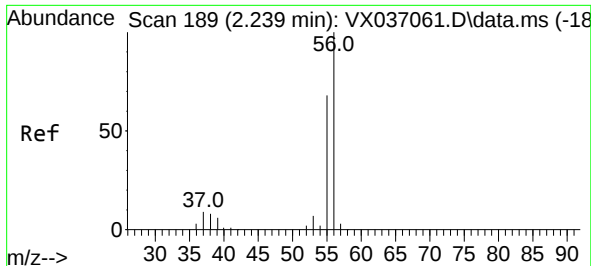
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
1,1-Dichloroethene
Concen: 54.071 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

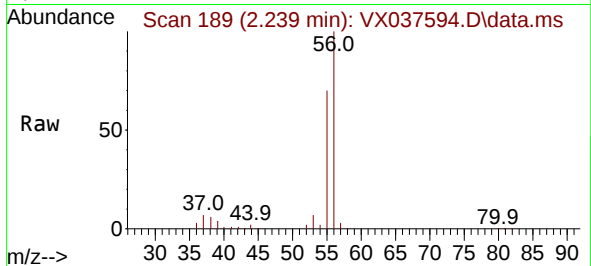
Tgt Ion: 96 Resp: 64160
Ion Ratio Lower Upper
96 100
61 146.3 144.6 216.8
98 61.9 50.4 75.6





#13
Acrolein
Concen: 276.991 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

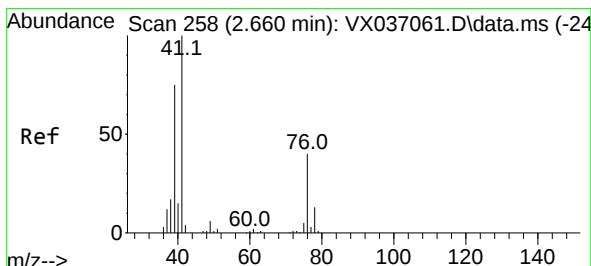
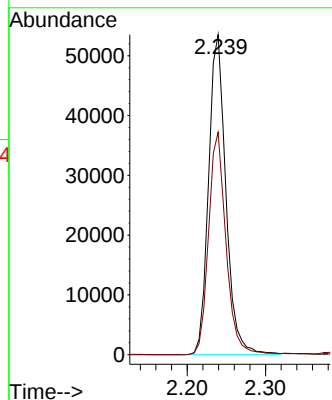
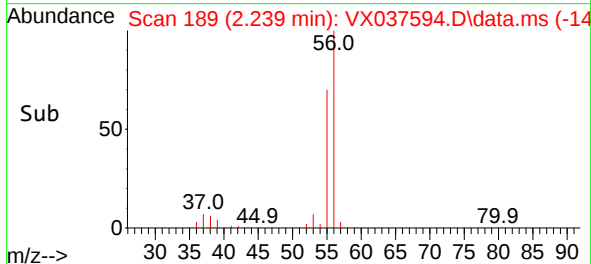
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8214
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

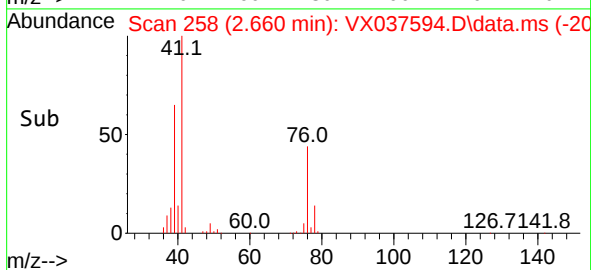
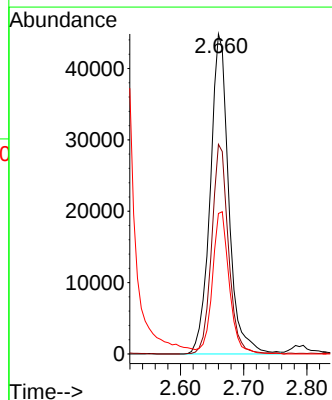
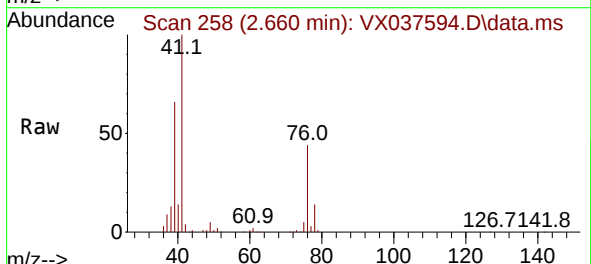
Manual Integrations
APPROVED

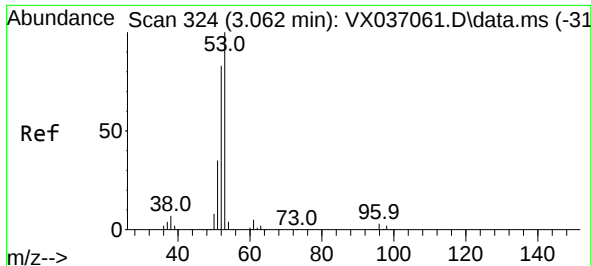
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#14
Allyl chloride
Concen: 49.754 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion: 41 Resp: 91379
Ion Ratio Lower Upper
41 100
39 59.3 55.8 83.6
76 40.4 24.3 36.5





#15

Acrylonitrile

Concen: 323.236 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

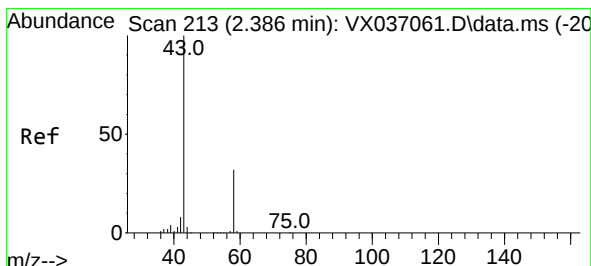
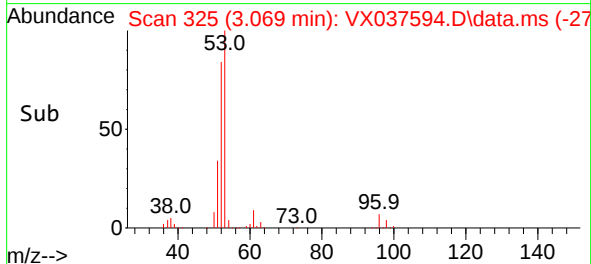
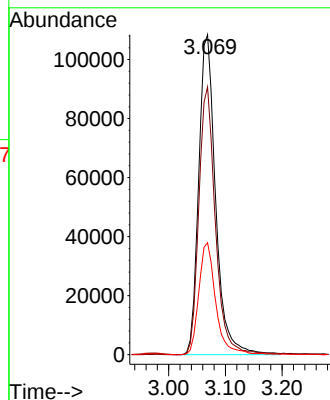
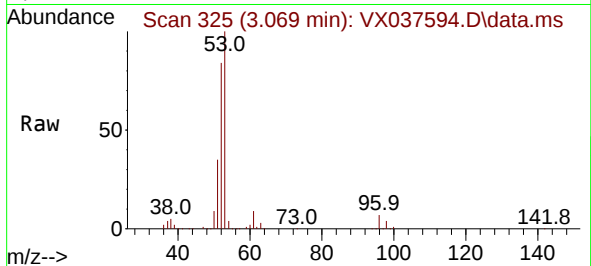
Tgt Ion: 53	Resp: 22490
Ion Ratio	Lower Upper
53 100	
52 82.1	66.0 99.0
51 35.2	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Acetone

Concen: 278.452 ug/l

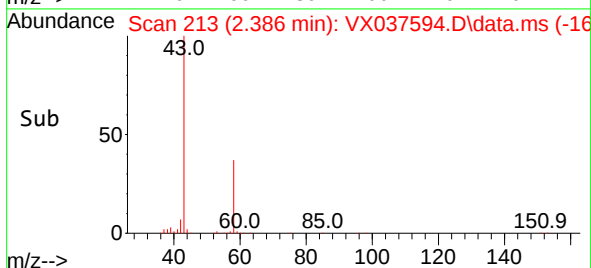
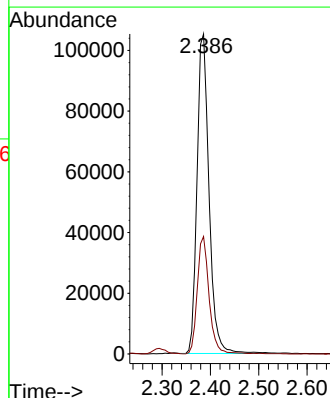
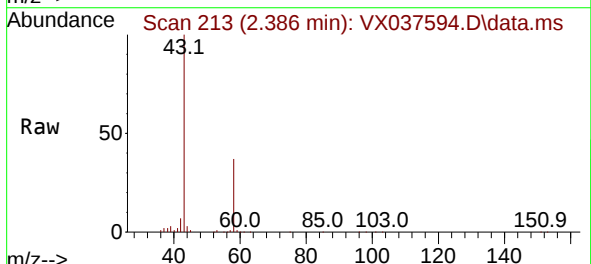
RT: 2.386 min Scan# 213

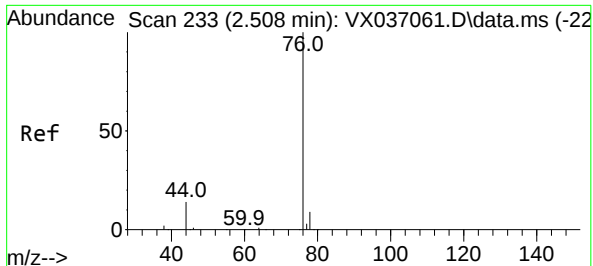
Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

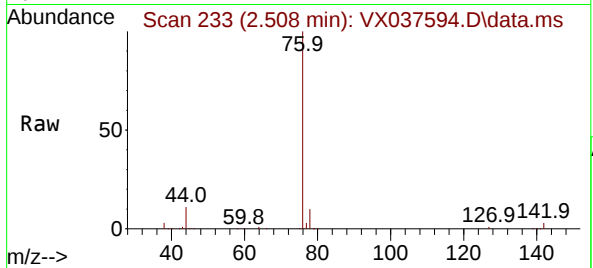
Tgt Ion: 43	Resp: 181026
Ion Ratio	Lower Upper
43 100	
58 36.7	21.9 32.9





#17
Carbon Disulfide
Concen: 40.801 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

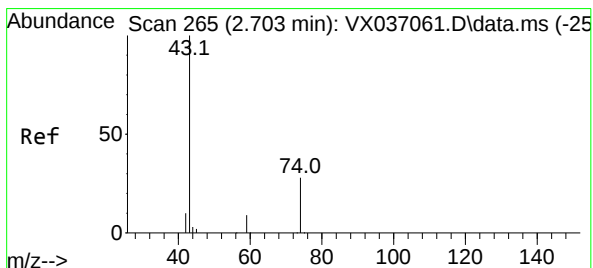
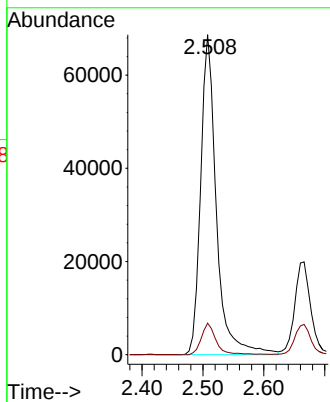
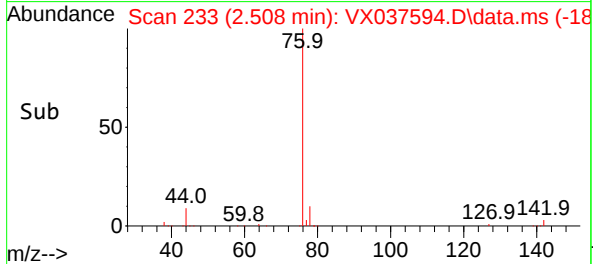
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 123140
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

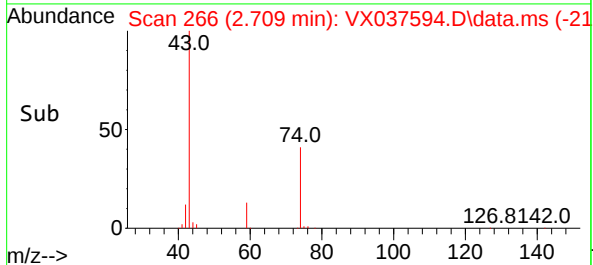
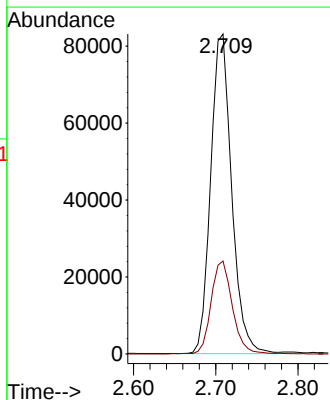
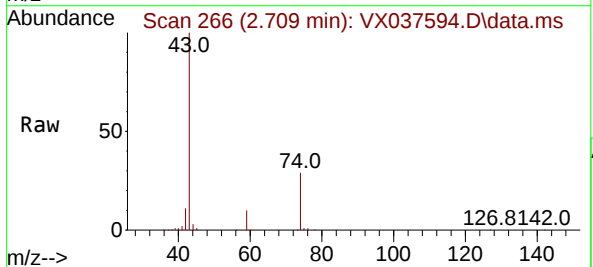
Manual Integrations
APPROVED

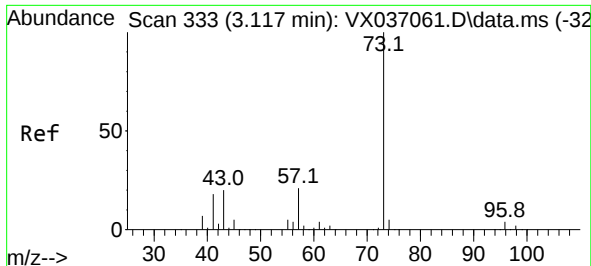
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#18
Methyl Acetate
Concen: 60.194 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion: 43 Resp: 147344
Ion Ratio Lower Upper
43 100
74 29.5 17.8 26.8#





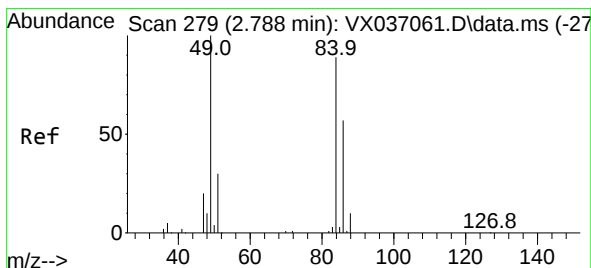
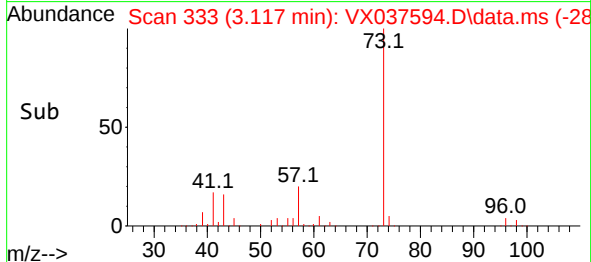
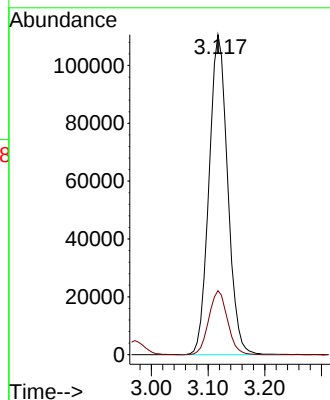
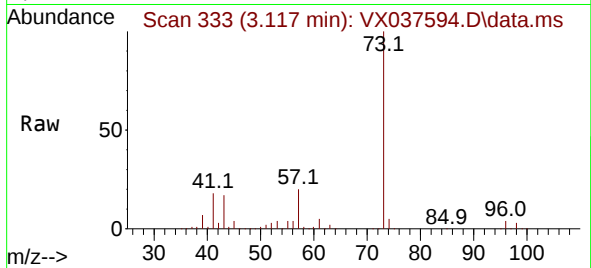
#19
Methyl tert-butyl Ether
Concen: 56.095 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 252439
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

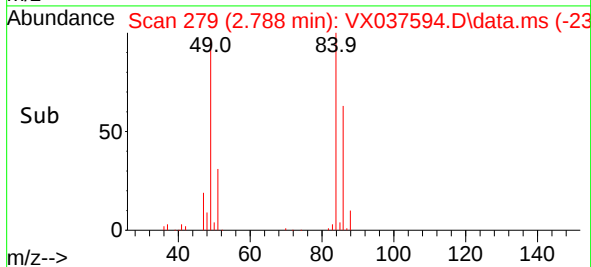
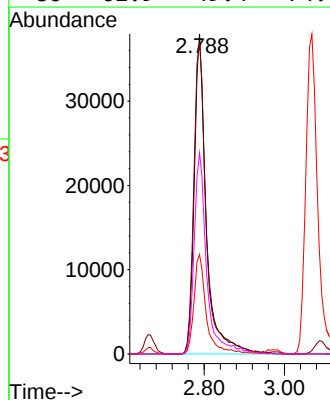
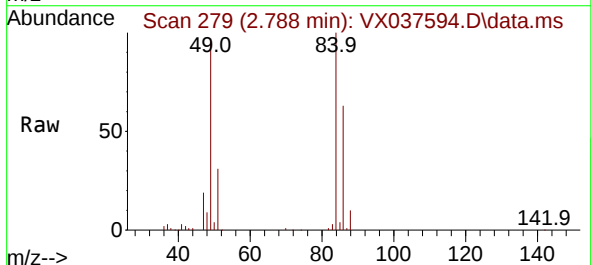
Manual Integrations
APPROVED

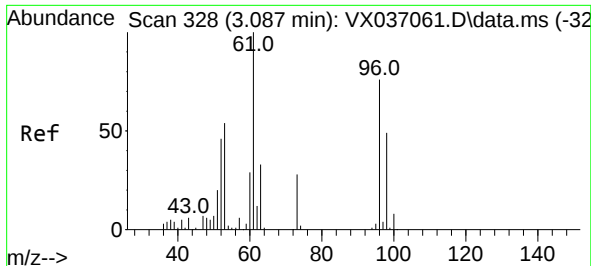
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Methylene Chloride
Concen: 54.576 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

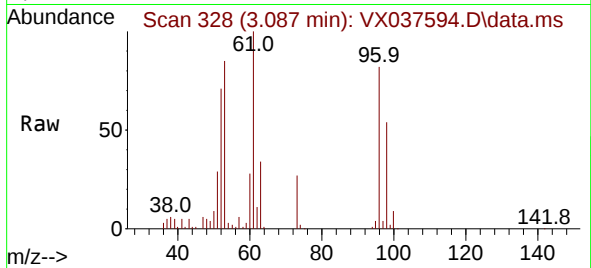
Tgt Ion: 84 Resp: 79346
Ion Ratio Lower Upper
84 100
49 97.4 103.6 155.4#
51 31.1 33.8 50.6#
86 62.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.198 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

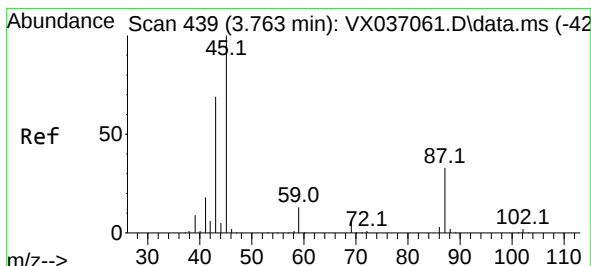
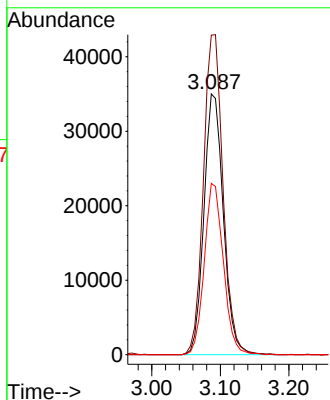
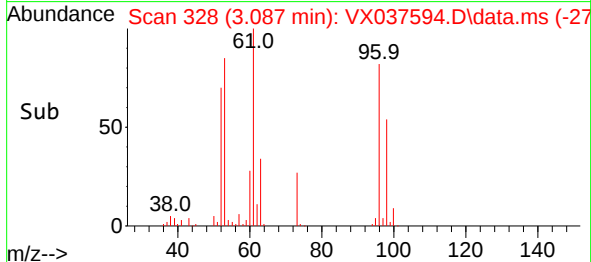
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



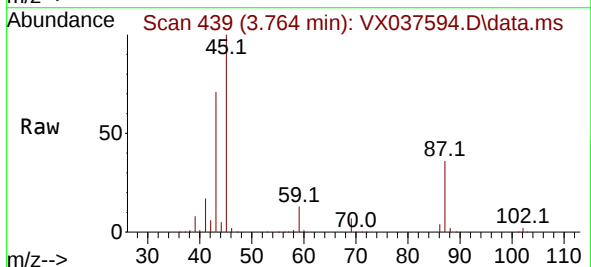
Tgt Ion: 96 Resp: 69059
Ion Ratio Lower Upper
96 100
61 122.5 119.2 178.8
98 65.7 48.7 73.1

Manual Integrations
APPROVED

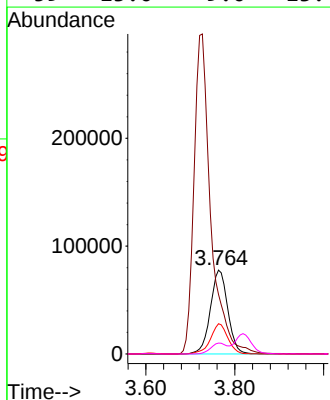
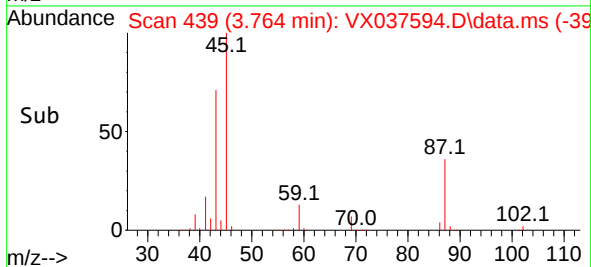
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

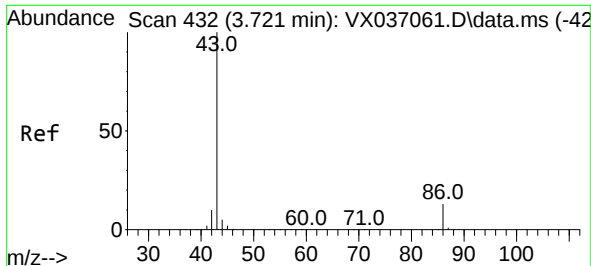


#22
Diisopropyl ether
Concen: 55.939 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



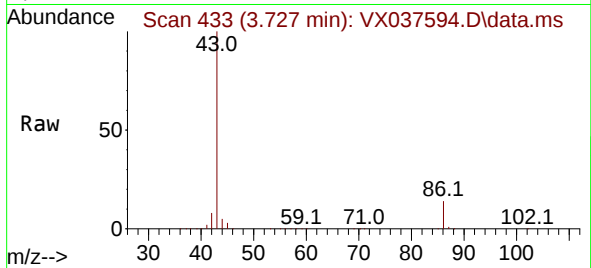
Tgt Ion: 45 Resp: 210823
Ion Ratio Lower Upper
45 100
43 70.9 69.7 104.5
87 36.2 20.8 31.2#
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 270.179 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037594.D
 Acq: 07 Sep 2023 21:35

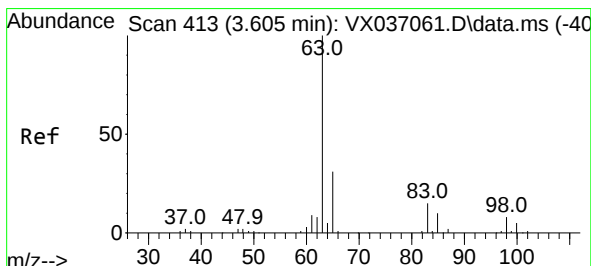
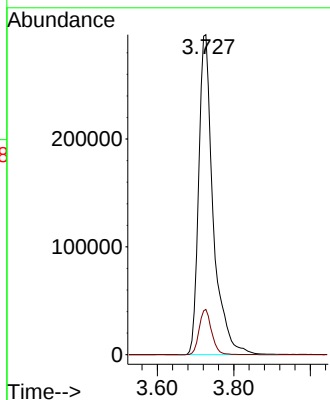
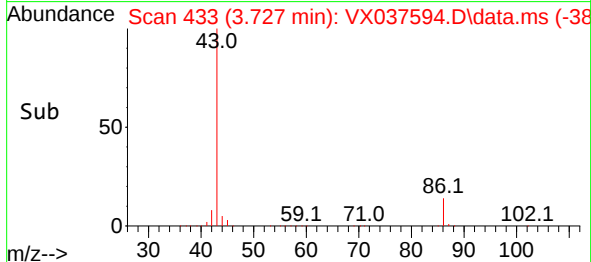
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



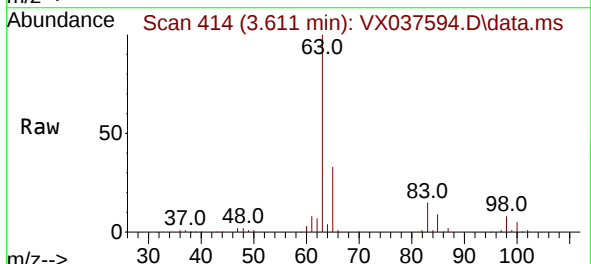
Tgt Ion: 43 Resp: 78029
 Ion Ratio Lower Upper
 43 100
 86 14.2 7.8 11.8

Manual Integrations
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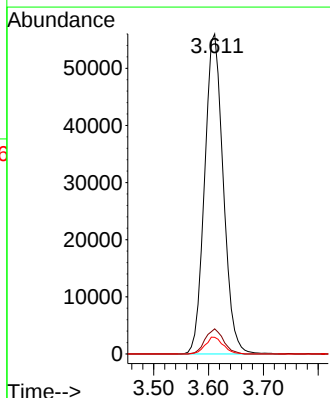
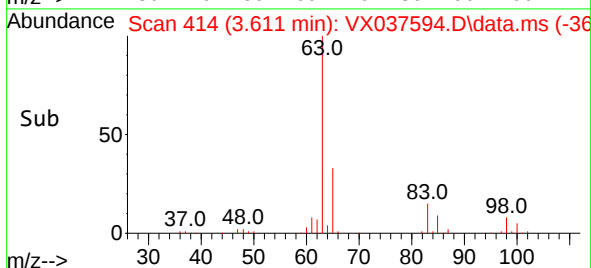
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

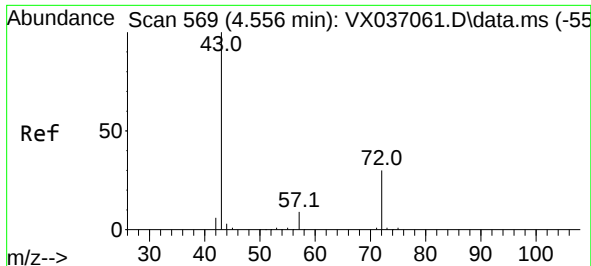


#24
 1,1-Dichloroethane
 Concen: 55.942 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037594.D
 Acq: 07 Sep 2023 21:35



Tgt Ion: 63 Resp: 132213
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.2 2.1 6.5





#25

2-Butanone

Concen: 295.383 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 289144

Ion Ratio Lower Upper

43 100

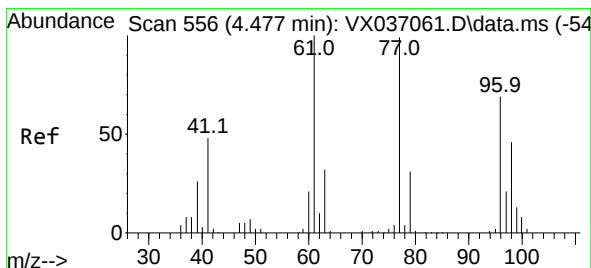
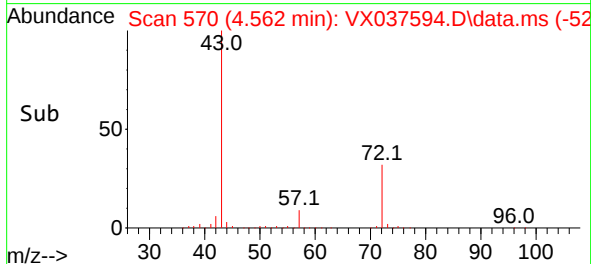
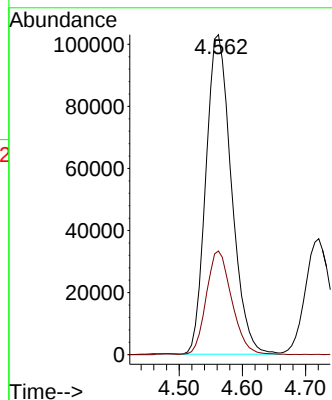
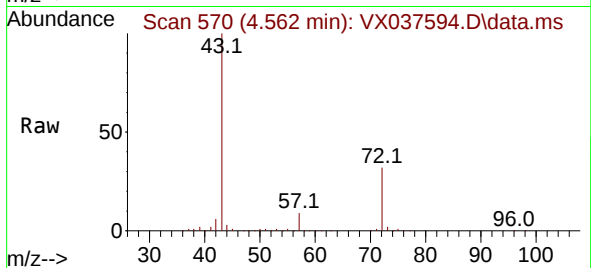
72 32.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#26

2,2-Dichloropropane

Concen: 28.277 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037594.D

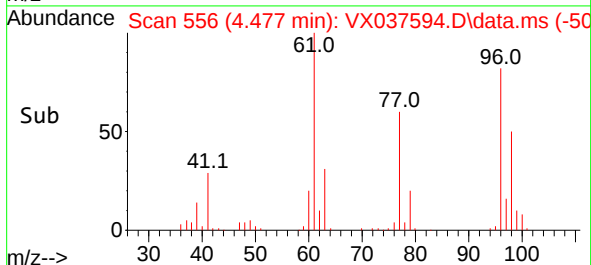
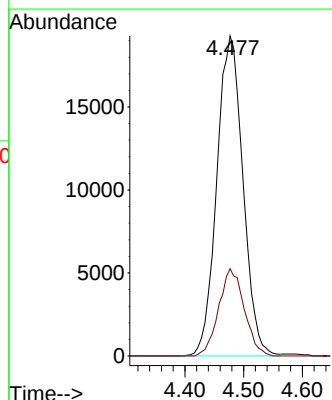
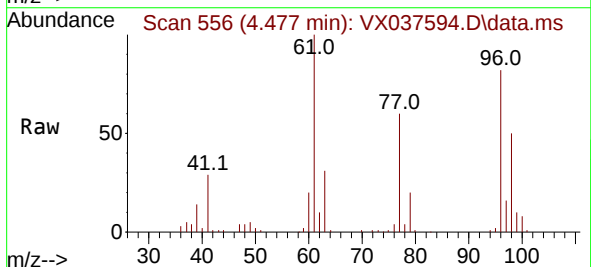
Acq: 07 Sep 2023 21:35

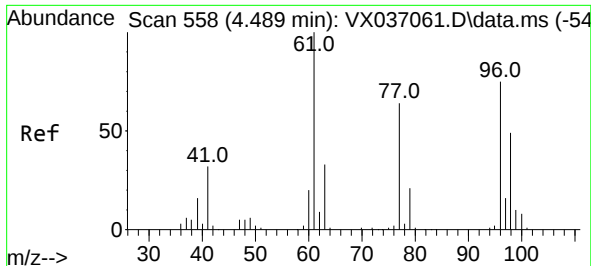
Tgt Ion: 77 Resp: 59682

Ion Ratio Lower Upper

77 100

97 26.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.399 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 89684

Ion Ratio Lower Upper

96 100

61 119.8 0.0 312.2

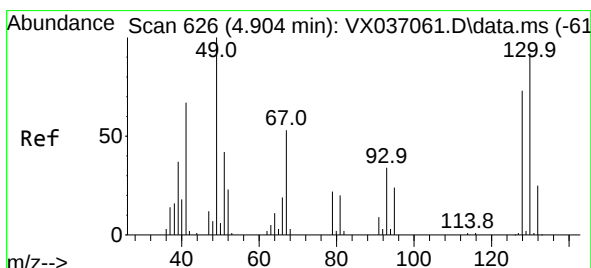
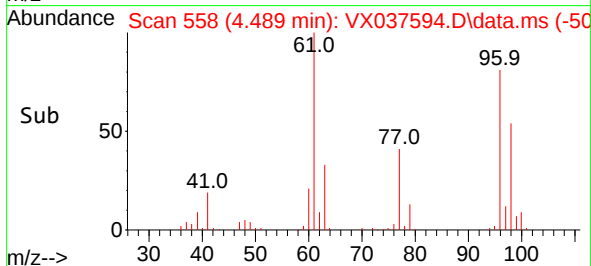
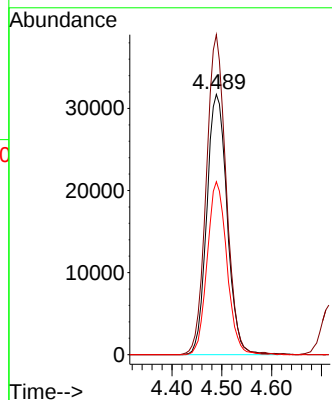
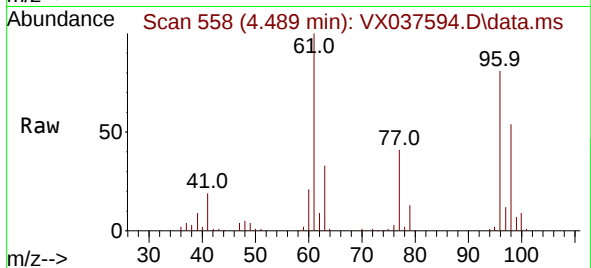
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#28

Bromochloromethane

Concen: 55.362 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

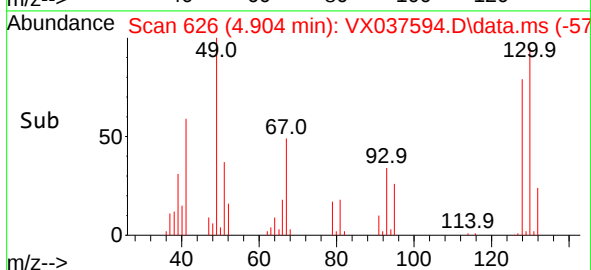
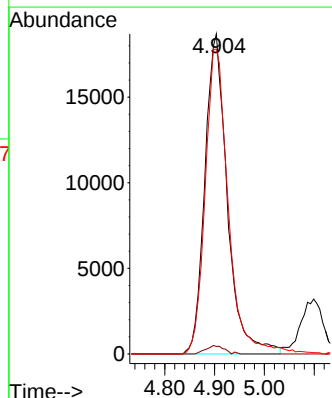
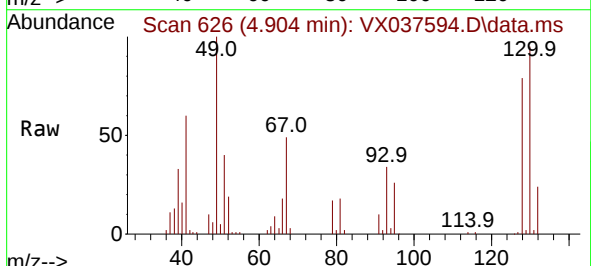
Tgt Ion: 49 Resp: 58449

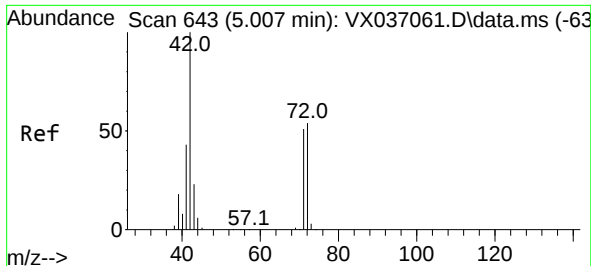
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 98.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 293.333 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 183110

Ion Ratio Lower Upper

42 100

72 56.7 34.2 51.4

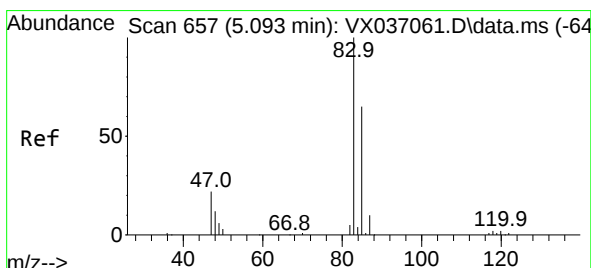
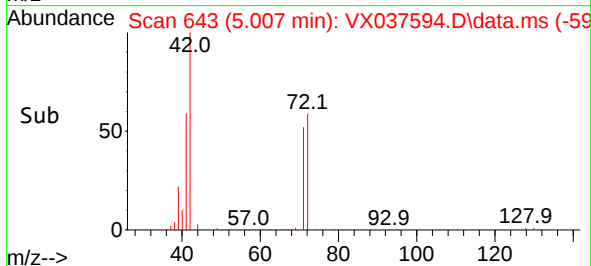
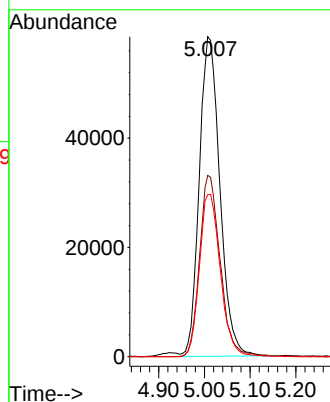
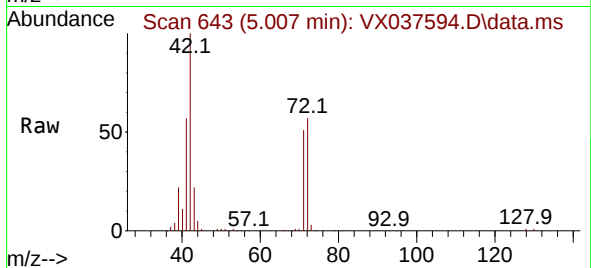
71 51.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

Chloroform

Concen: 55.320 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037594.D

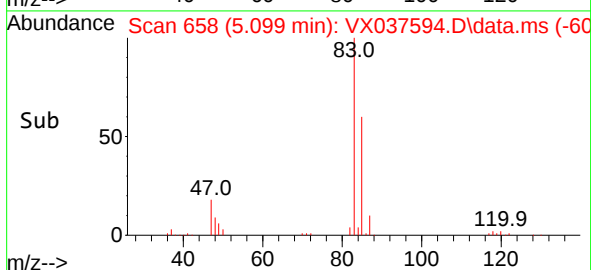
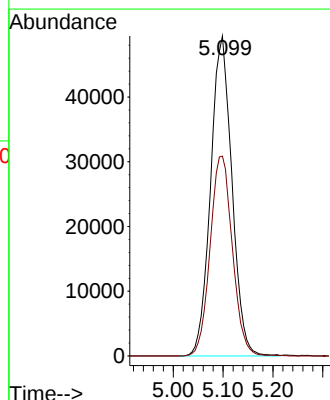
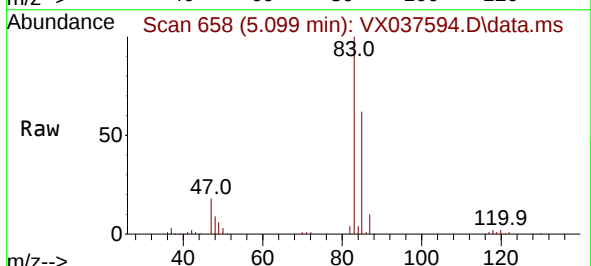
Acq: 07 Sep 2023 21:35

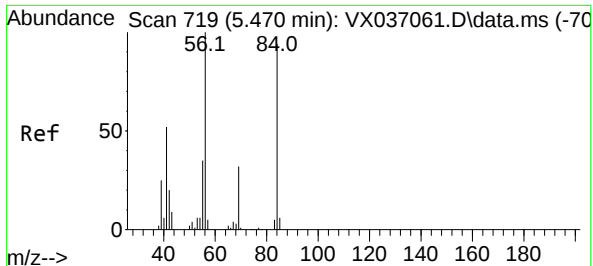
Tgt Ion: 83 Resp: 146765

Ion Ratio Lower Upper

83 100

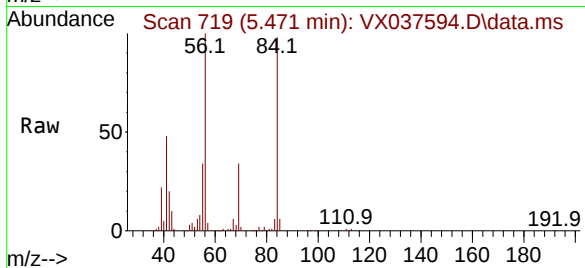
85 62.4 50.3 75.5





#31
Cyclohexane
Concen: 49.442 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

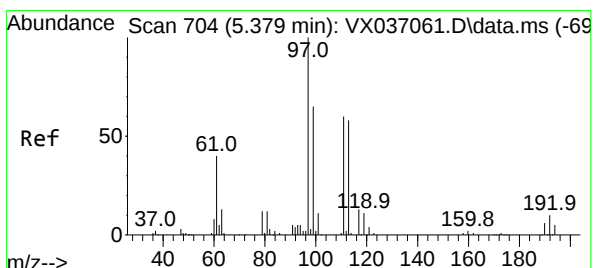
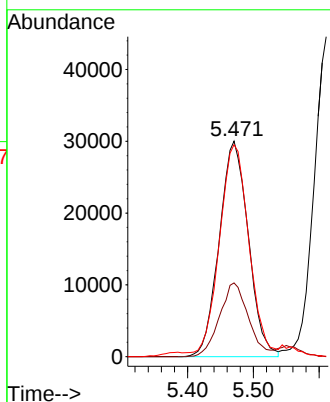
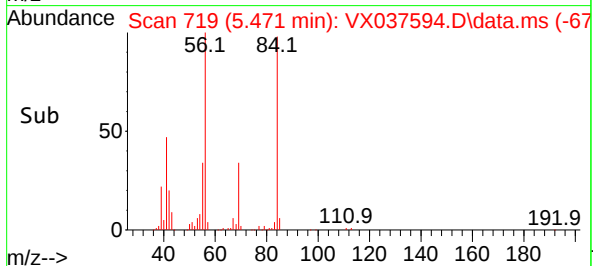
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



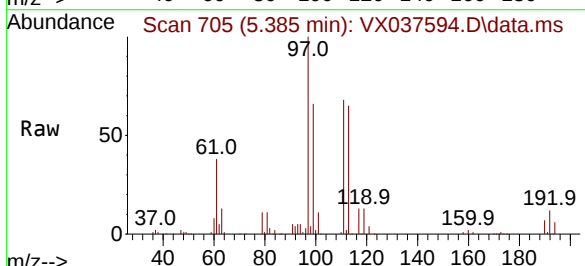
Tgt Ion: 56 Resp: 92386
Ion Ratio Lower Upper
56 100
69 34.2 23.4 35.2
84 96.3 65.9 98.9

Manual Integrations
APPROVED

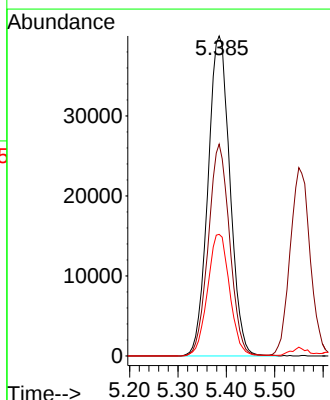
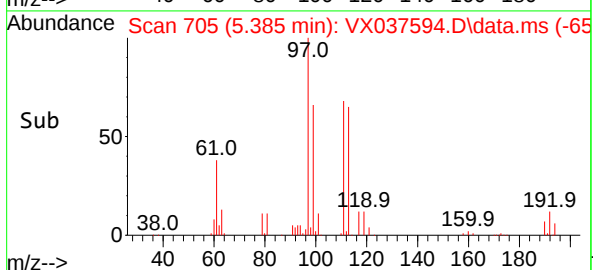
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

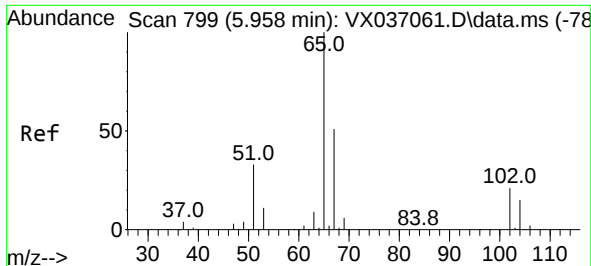


#32
1,1,1-Trichloroethane
Concen: 53.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



Tgt Ion: 97 Resp: 126005
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 38.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8429

Ion Ratio Lower Upper

65 100

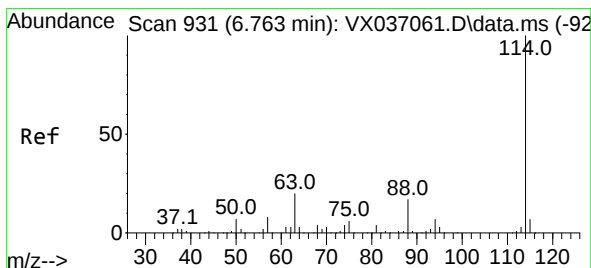
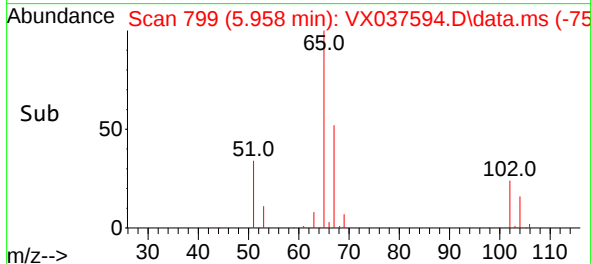
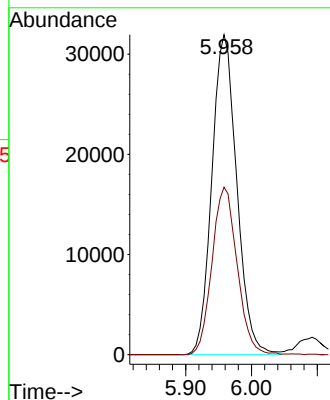
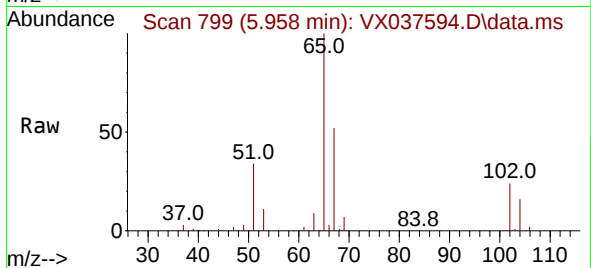
67 52.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

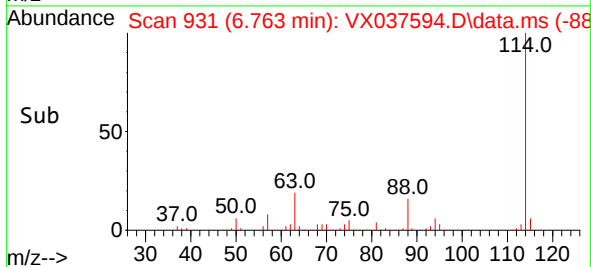
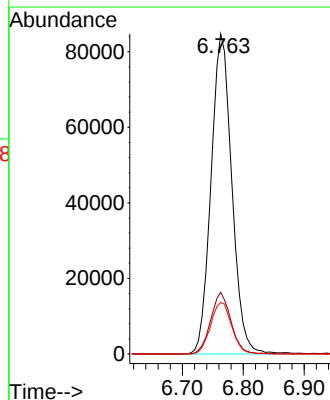
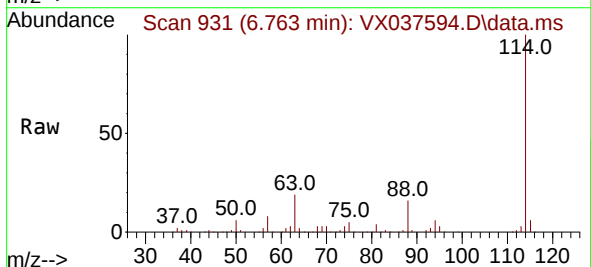
Tgt Ion:114 Resp: 200381

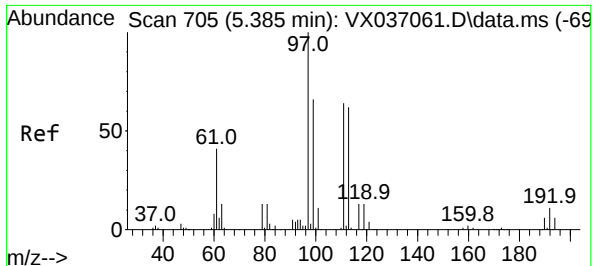
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 58.727 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

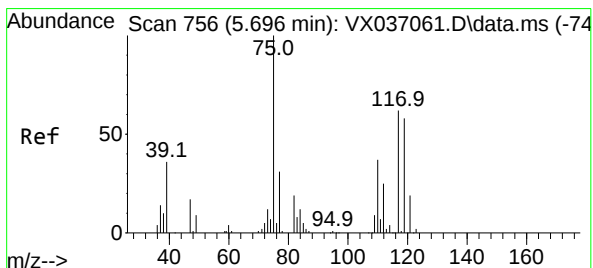
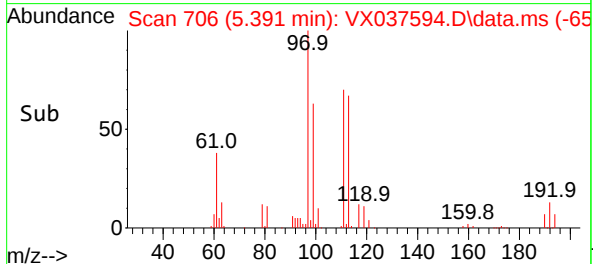
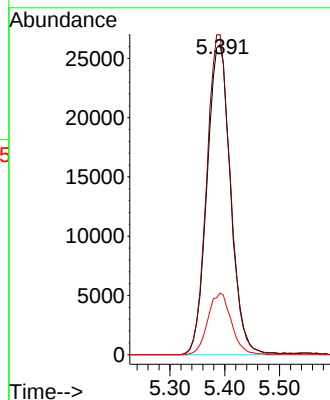
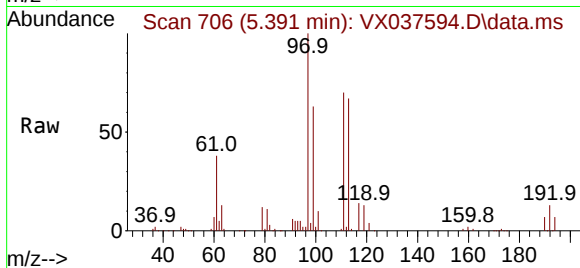
Tgt Ion:	113	Resp:	7793
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.9	124.3
192	19.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#36

1,1-Dichloropropene

Concen: 48.976 ug/l

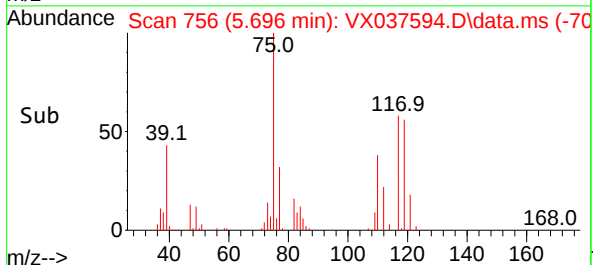
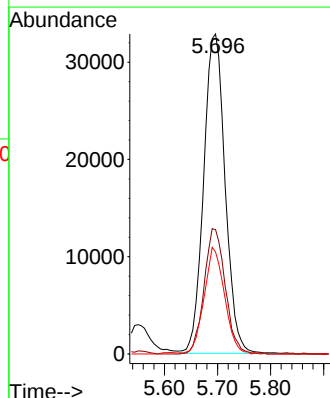
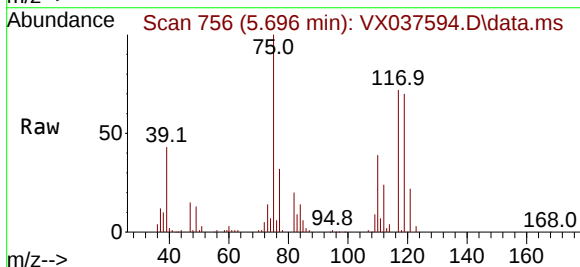
RT: 5.696 min Scan# 756

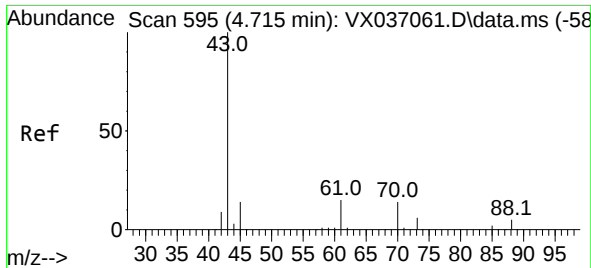
Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:	75	Resp:	92340
Ion Ratio	Lower	Upper	
75	100		
110	38.7	17.0	50.9
77	31.8	24.7	37.1





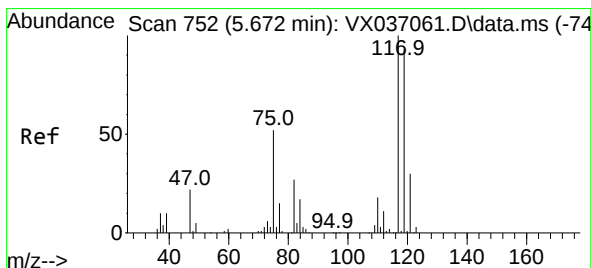
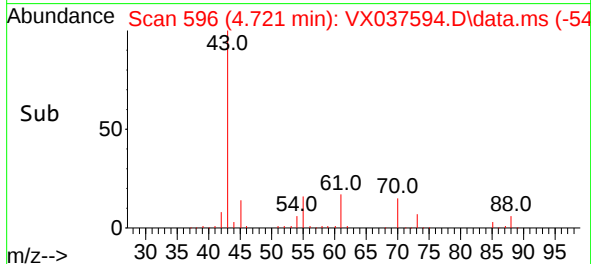
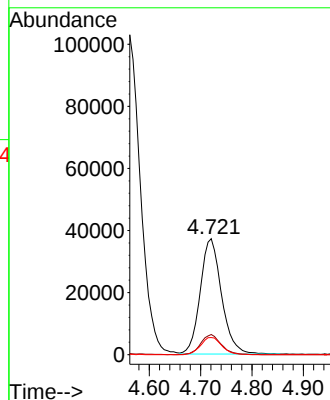
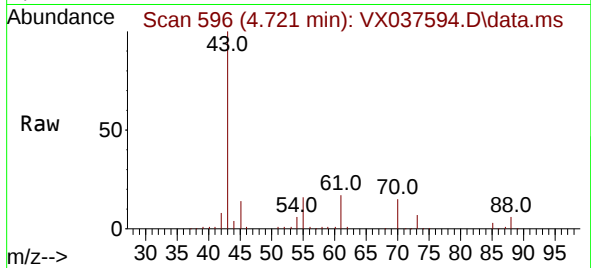
#37
Ethyl Acetate
Concen: 55.702 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107279
Ion Ratio Lower Upper
43 100
61 16.8 10.6 16.0
70 14.8 8.3 12.5

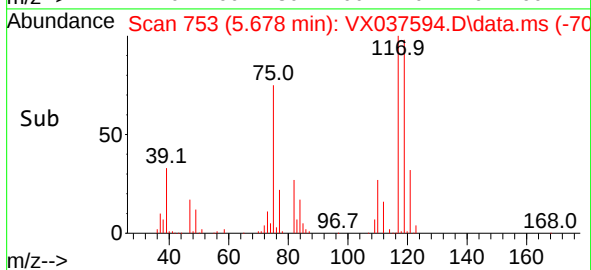
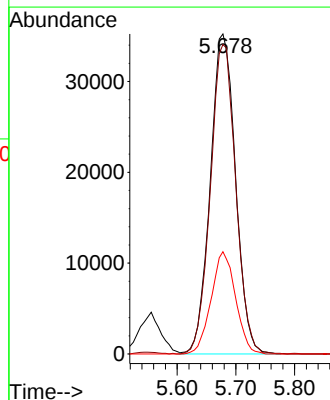
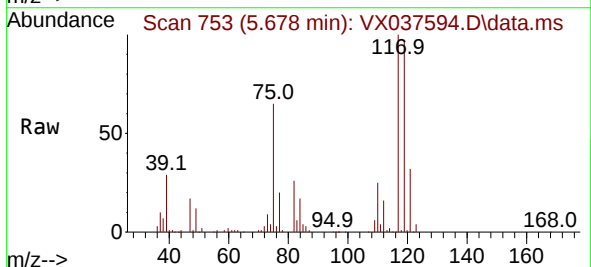
Manual Integrations
APPROVED

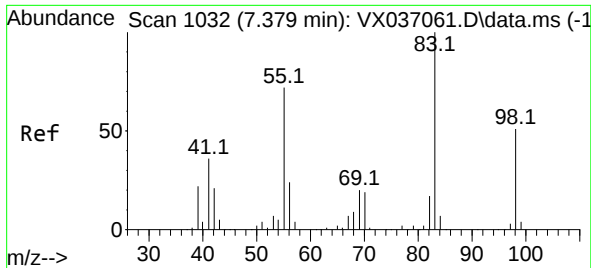
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#38
Carbon Tetrachloride
Concen: 51.421 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion:117 Resp: 105314
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.2
121 32.0 24.4 36.6





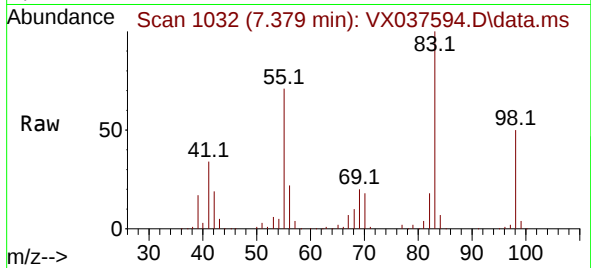
#39
Methylcyclohexane
Concen: 54.011 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



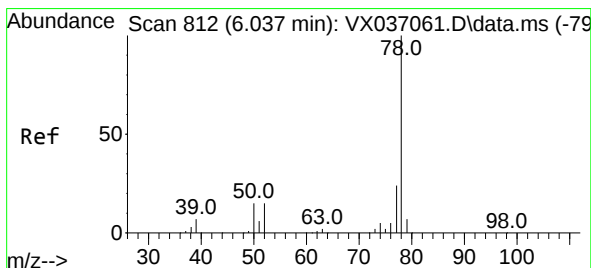
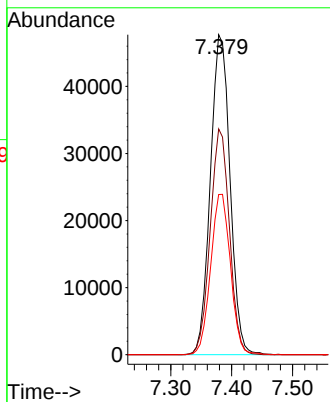
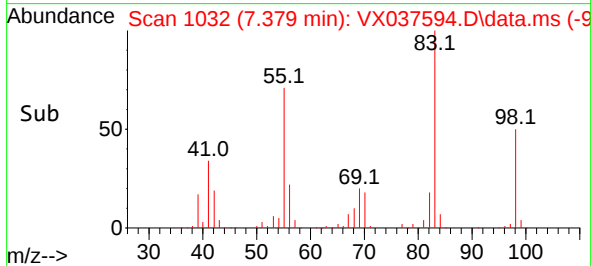
Tgt Ion: 83 Resp: 10699
Ion Ratio Lower Upper
83 100
55 70.6 64.6 97.0
98 50.0 36.7 55.1

Manual Integrations

APPROVED

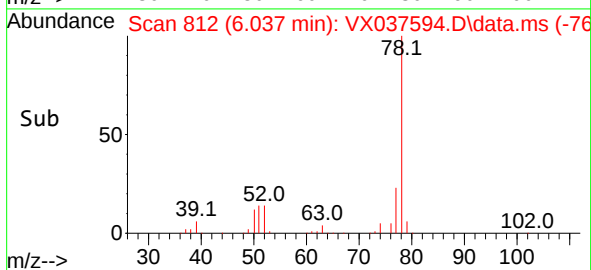
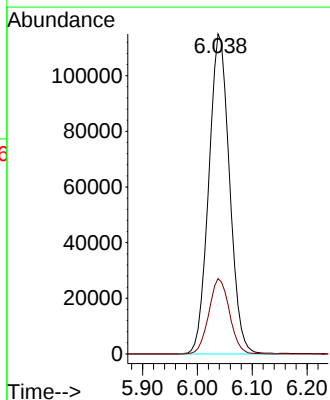
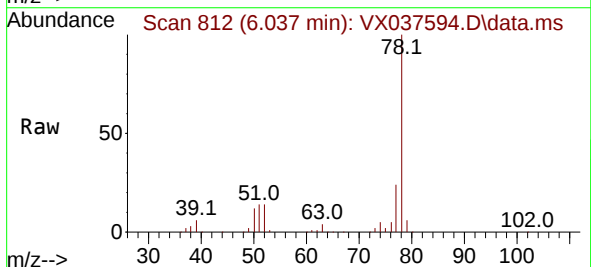
Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40
Benzene
Concen: 55.862 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

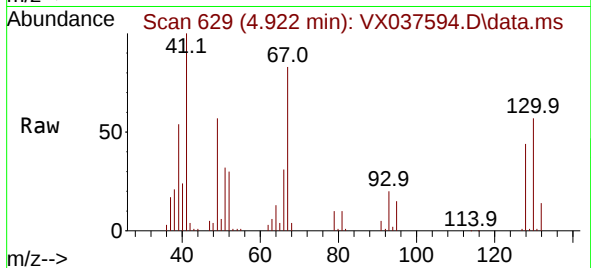
Tgt Ion: 78 Resp: 302067
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 58.139 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

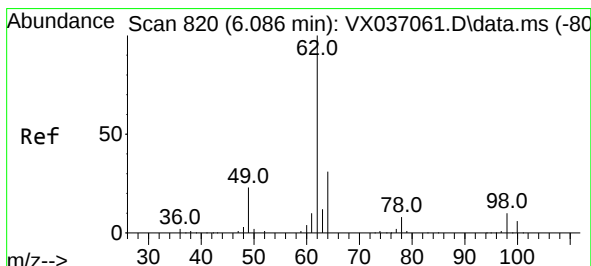
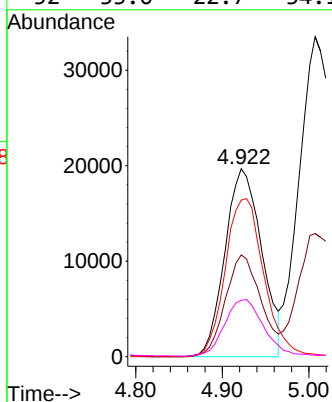
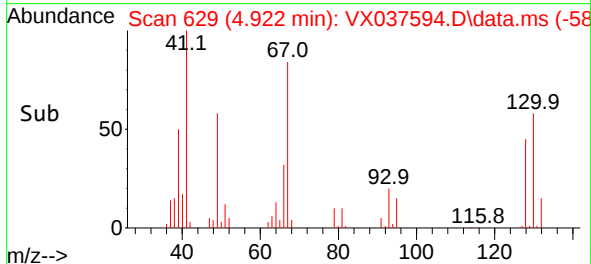
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	58210
Ion	Ratio	Lower	Upper
41	100		
39	52.2	45.2	67.8
67	88.0	52.6	78.8
52	33.0	22.7	34.1

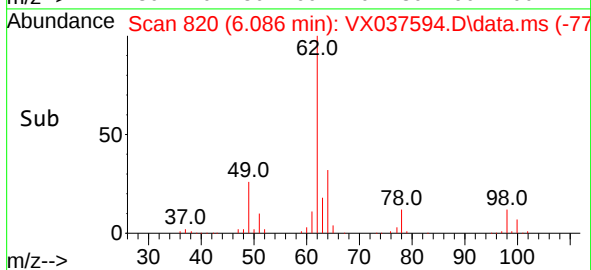
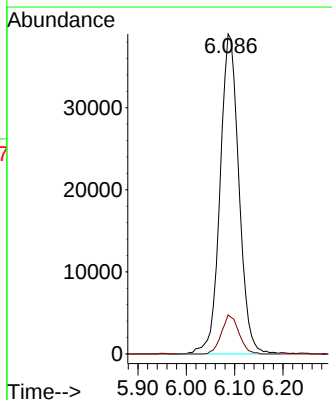
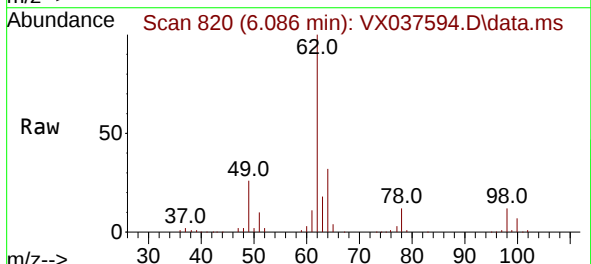
Manual Integrations
APPROVED

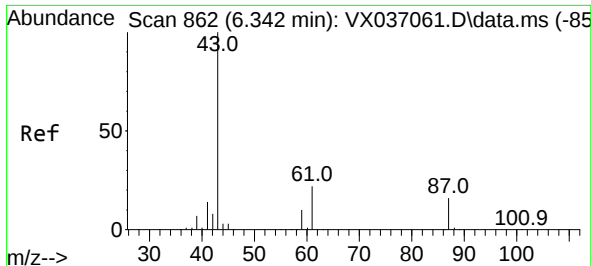
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
1,2-Dichloroethane
Concen: 49.815 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion:	62	Resp:	105634
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 55.321 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037594.D

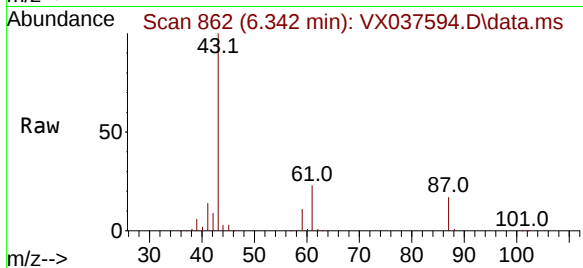
Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



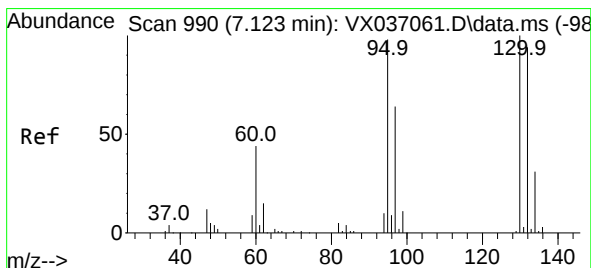
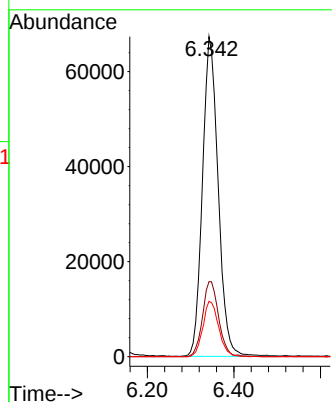
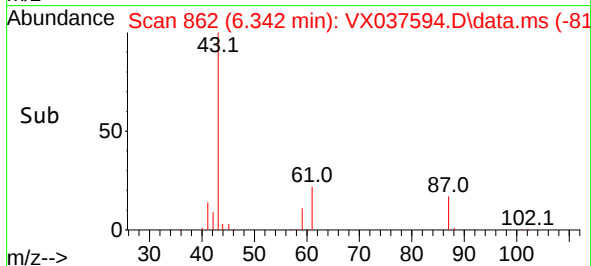
Tgt Ion: 43	Resp: 16915
Ion Ratio	Lower Upper
43	100
61	24.2 15.2 22.8
87	17.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#44

Trichloroethene

Concen: 52.777 ug/l

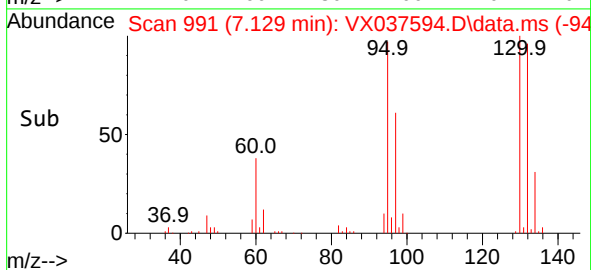
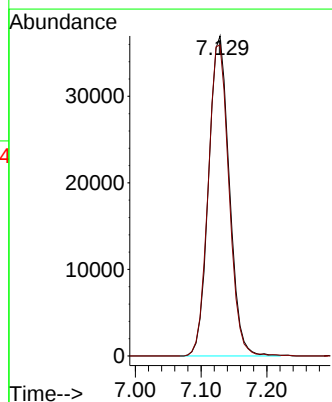
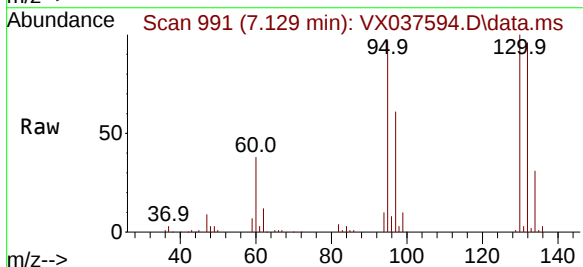
RT: 7.129 min Scan# 991

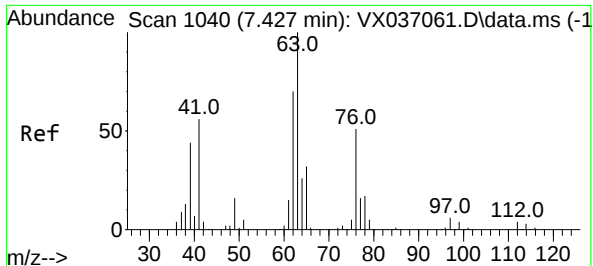
Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:130	Resp: 80922
Ion Ratio	Lower Upper
130	100
95	97.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 58.796 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7839

Ion Ratio Lower Upper

63 100

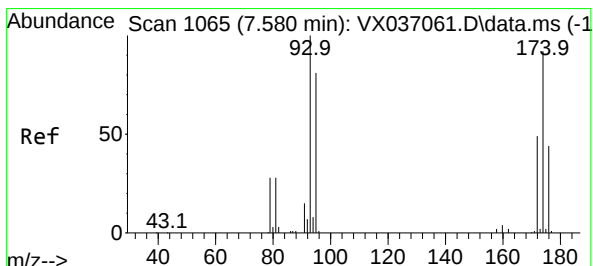
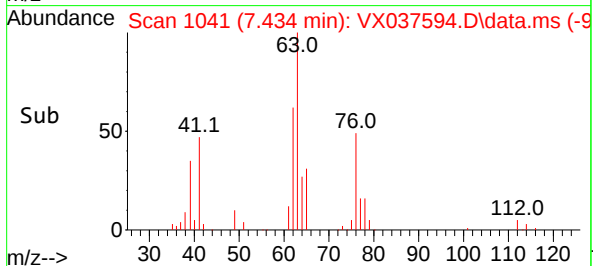
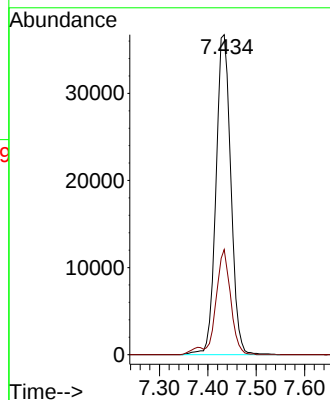
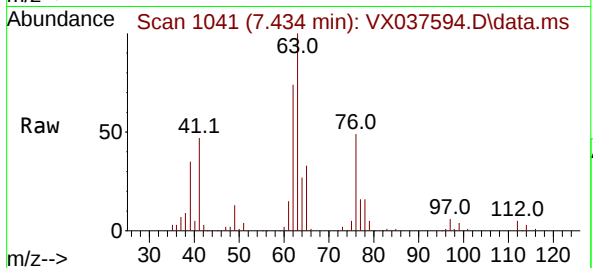
65 32.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#46

Dibromomethane

Concen: 55.659 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

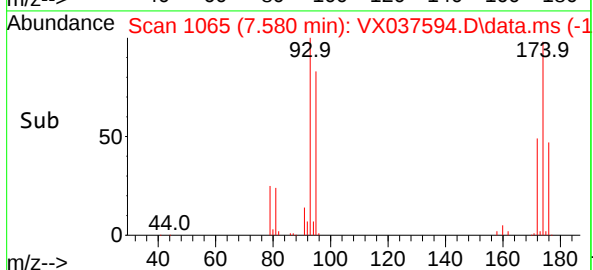
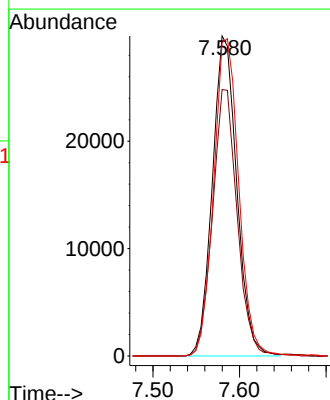
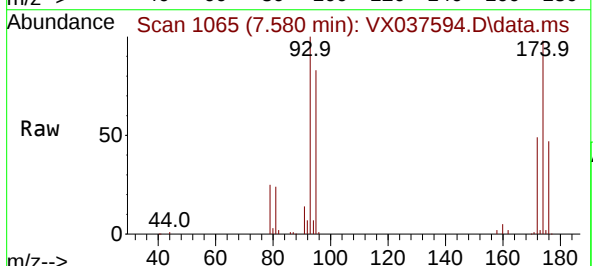
Tgt Ion: 93 Resp: 58461

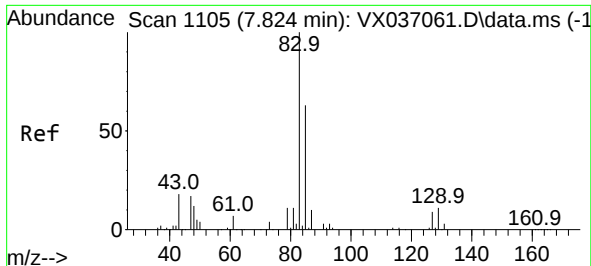
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

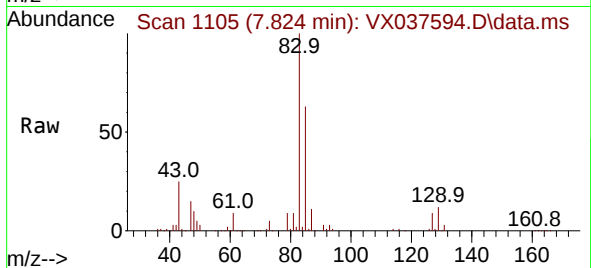
174 101.7 69.4 104.0





#47
Bromodichloromethane
Concen: 56.098 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

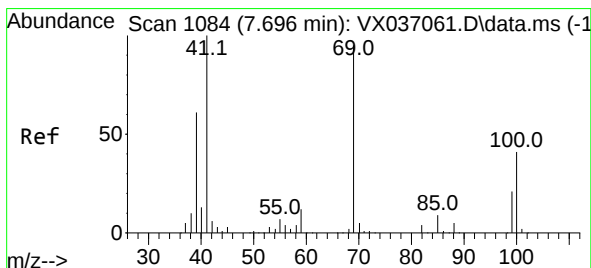
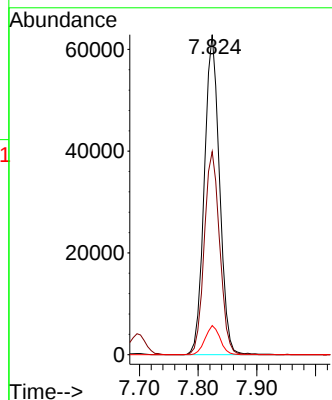
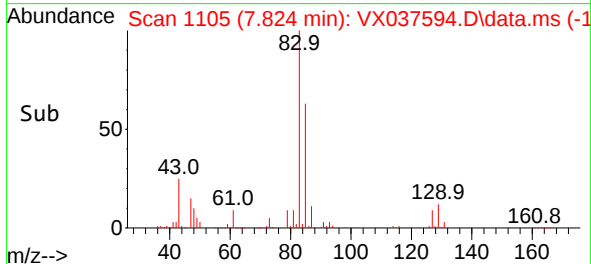
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 112859
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 9.1 7.1 10.7

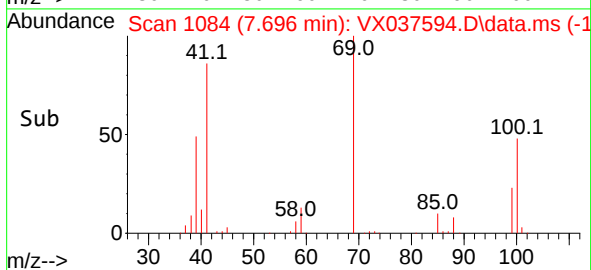
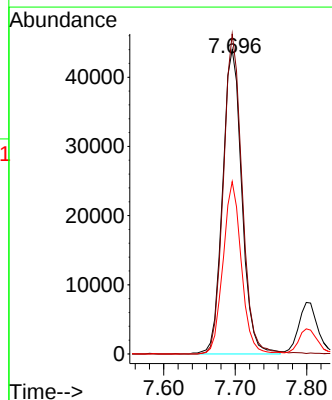
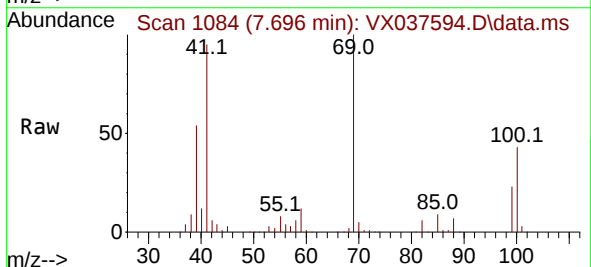
Manual Integrations
APPROVED

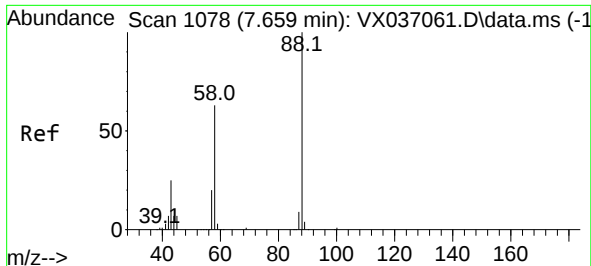
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
Methyl methacrylate
Concen: 55.261 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion: 41 Resp: 82404
Ion Ratio Lower Upper
41 100
69 102.2 59.2 88.8#
39 53.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1218.028 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 48910

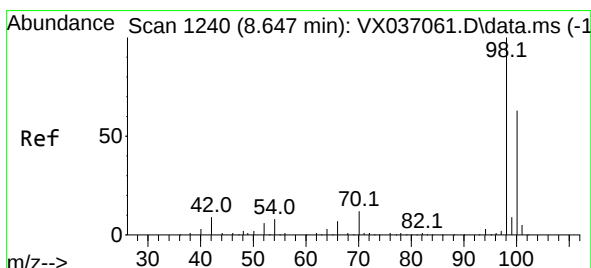
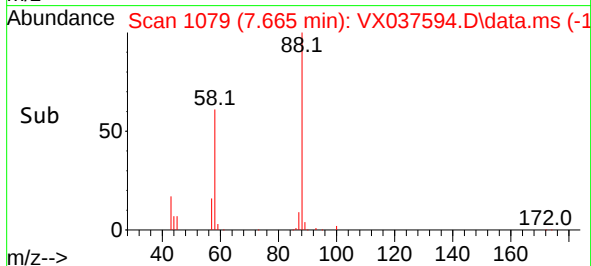
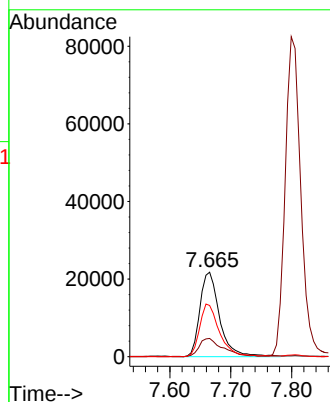
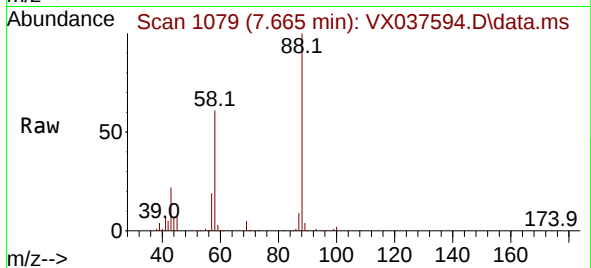
Ion	Ratio	Lower	Upper
88	100		
43	26.1	0.0	0.0
58	62.2	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#50

Toluene-d8

Concen: 54.905 ug/l

RT: 8.653 min Scan# 1241

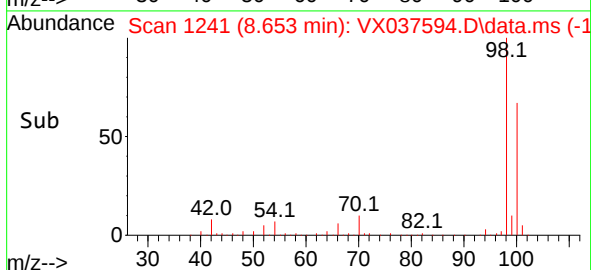
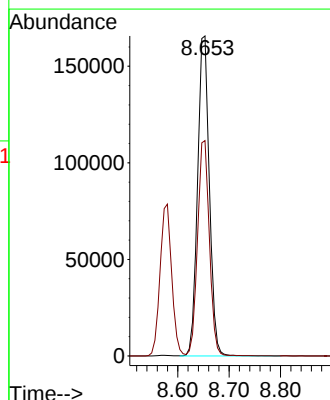
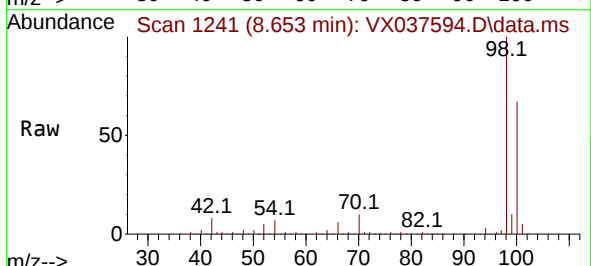
Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion: 98 Resp: 264300

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 301.073 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

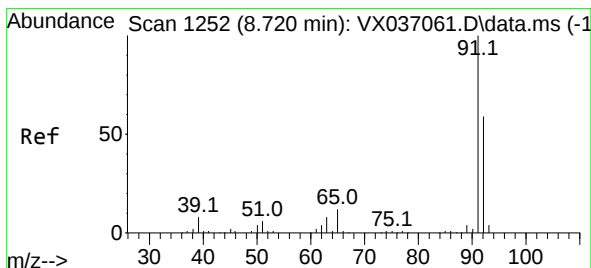
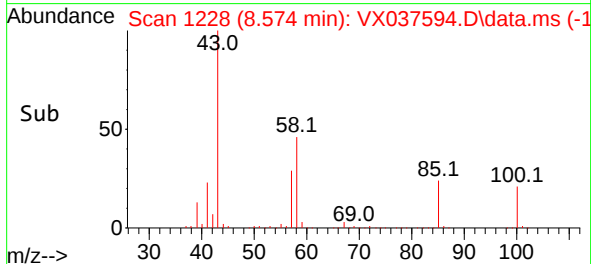
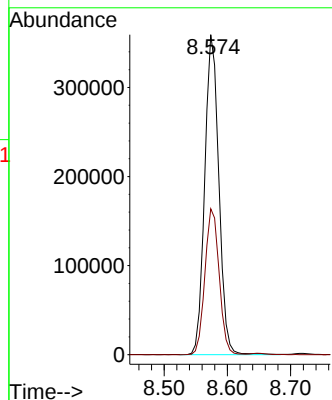
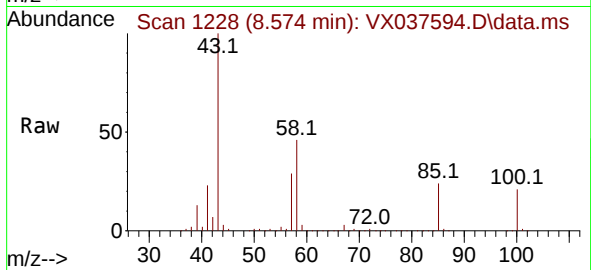
VSTDCCC050EC

Tgt Ion: 43 Resp: 559008
Ion Ratio Lower Upper
43 100
58 46.0 30.4 45.6

Manual Integrations

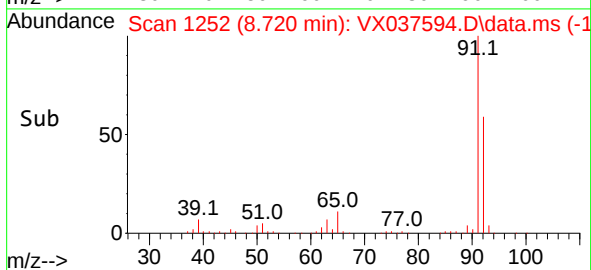
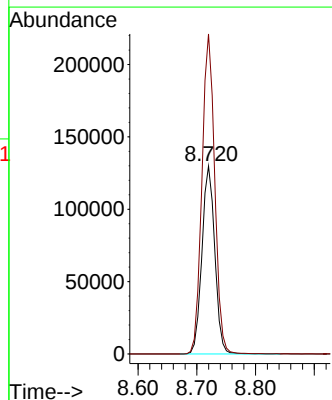
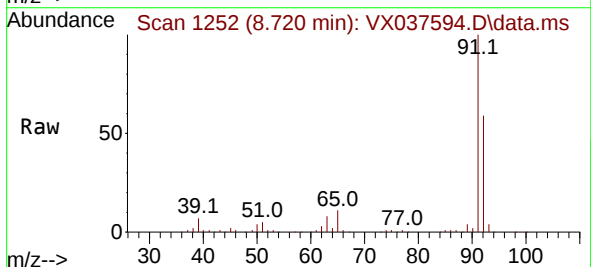
APPROVED

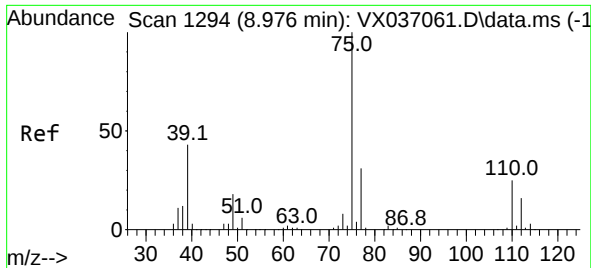
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
Toluene
Concen: 55.264 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion: 92 Resp: 197444
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.687 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

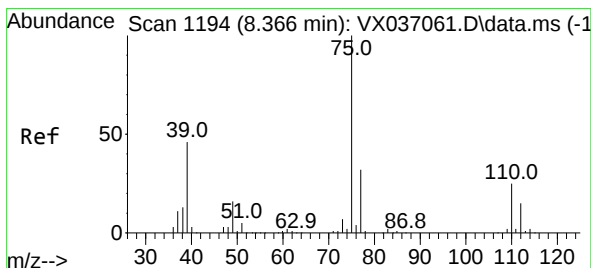
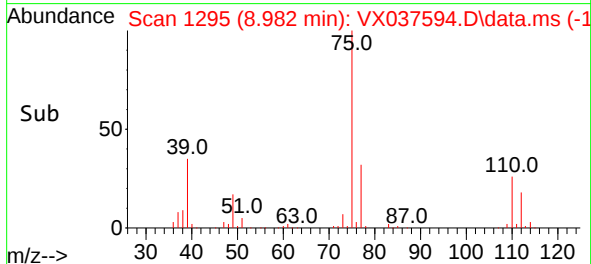
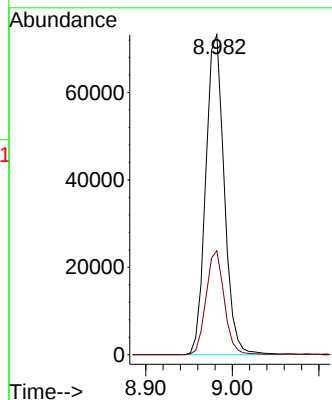
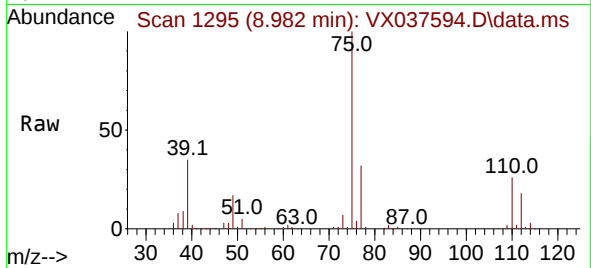
VSTDCCC050EC

Tgt Ion: 75 Resp: 10857
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations

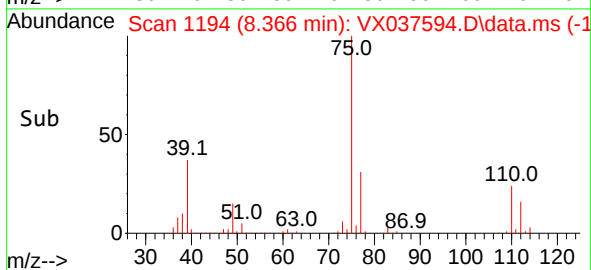
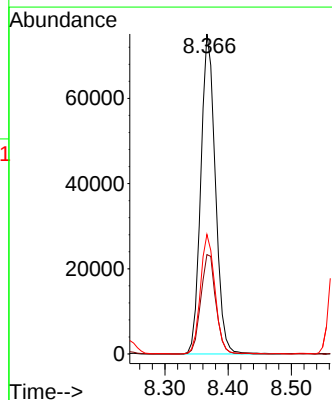
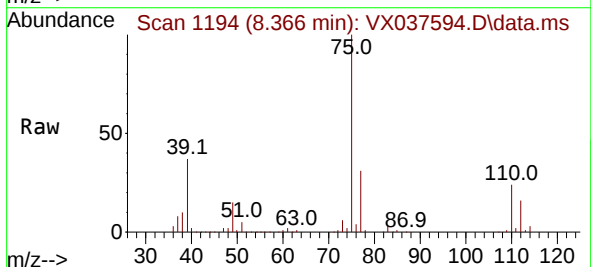
APPROVED

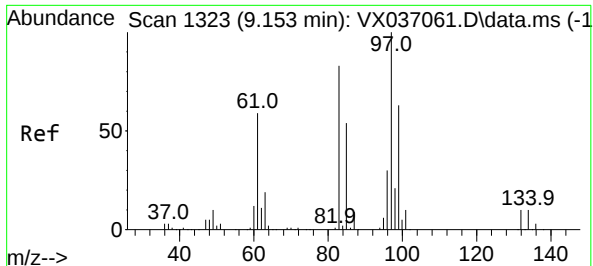
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#54
cis-1,3-Dichloropropene
Concen: 52.095 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

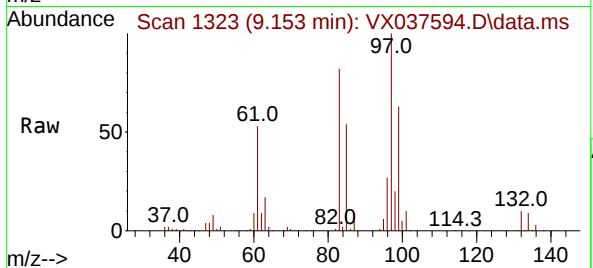
Tgt Ion: 75 Resp: 120591
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 37.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 62.596 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

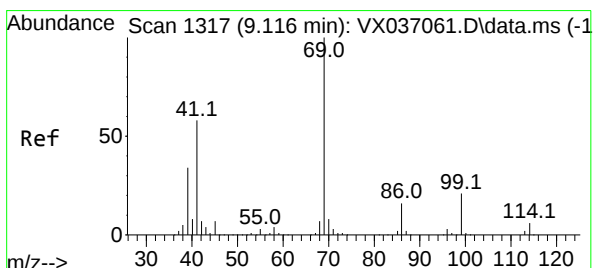
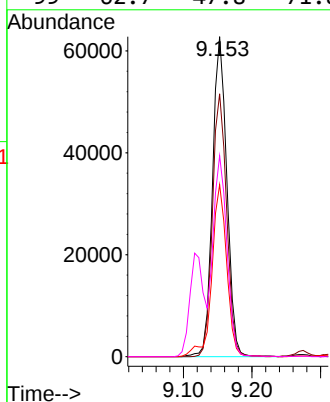
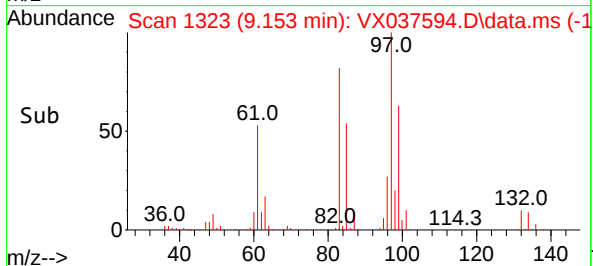
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



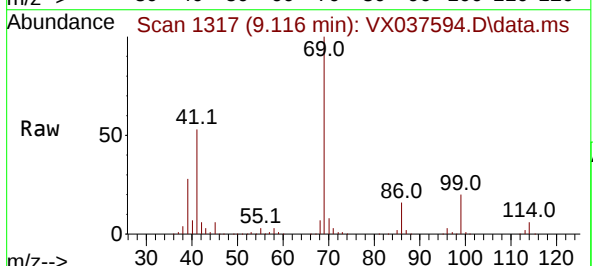
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.8
85	53.7	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

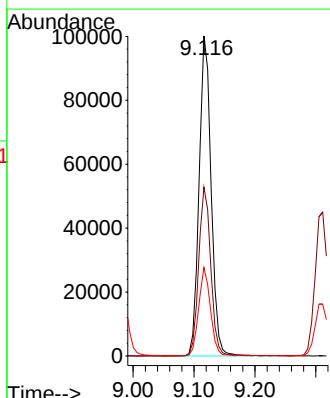
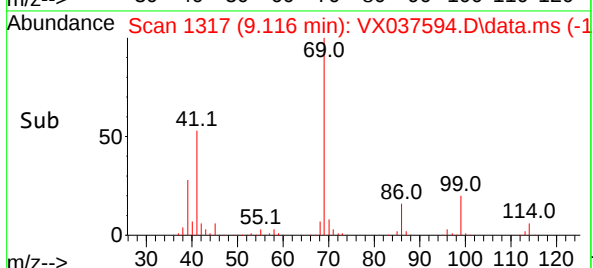
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

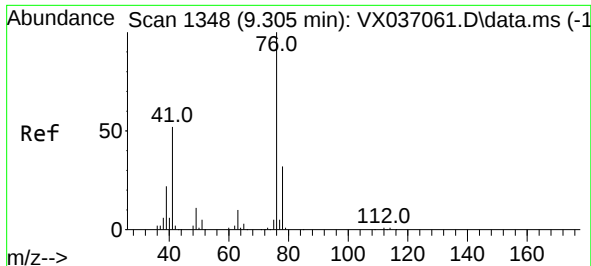


#56
Ethyl methacrylate
Concen: 60.370 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.9	56.8	85.2#
39	26.7	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 59.010 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14472

Ion Ratio Lower Upper

76 100

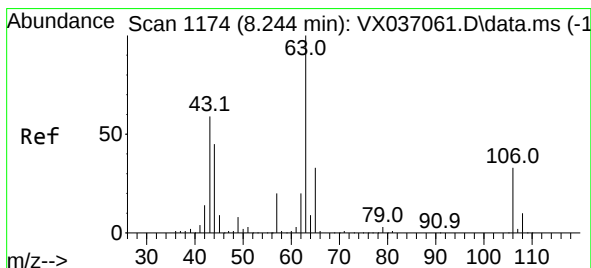
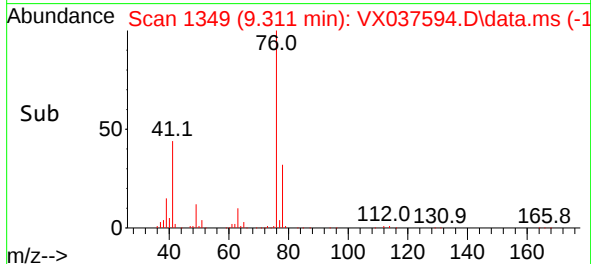
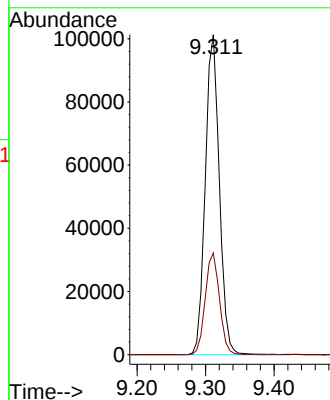
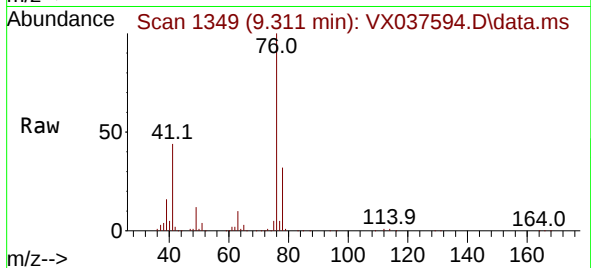
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.249 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037594.D

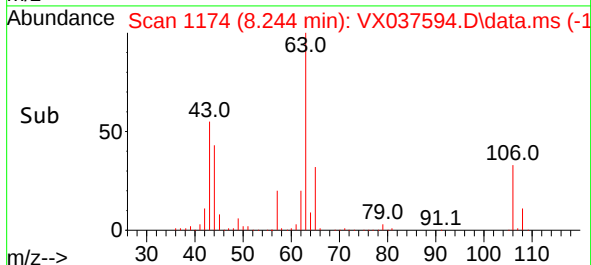
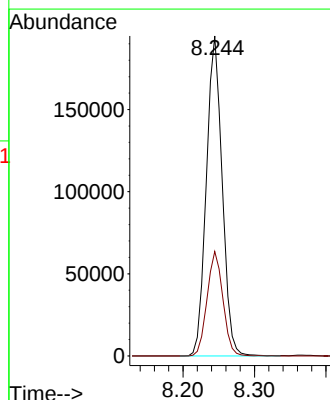
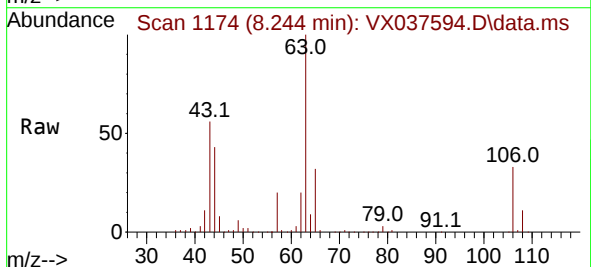
Acq: 07 Sep 2023 21:35

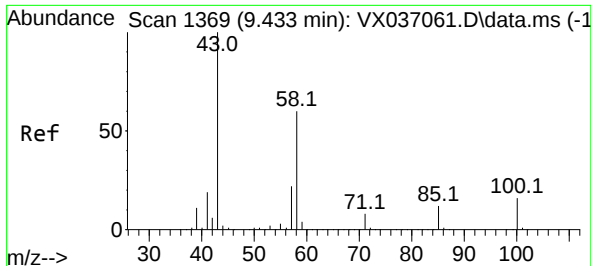
Tgt Ion: 63 Resp: 299908

Ion Ratio Lower Upper

63 100

106 32.6 22.5 33.7





#59

2-Hexanone

Concen: 299.711 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 424302

Ion Ratio Lower Upper

43 100

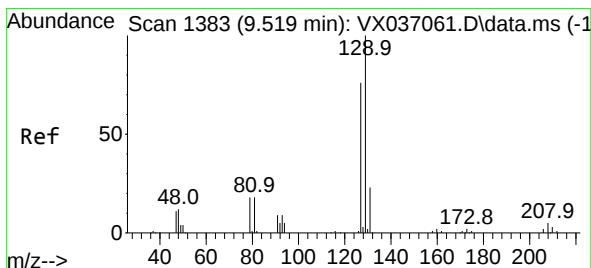
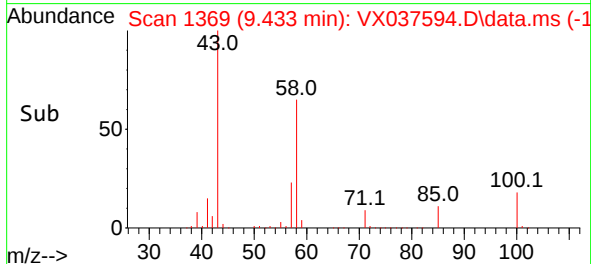
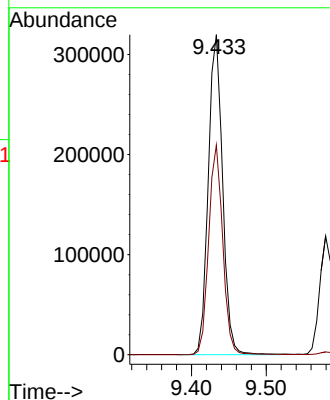
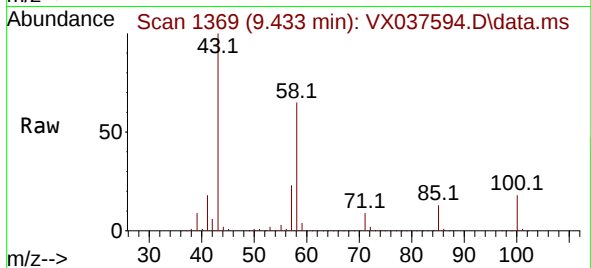
58 64.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#60

Dibromochloromethane

Concen: 60.364 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037594.D

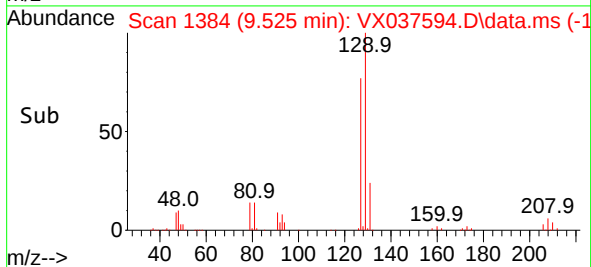
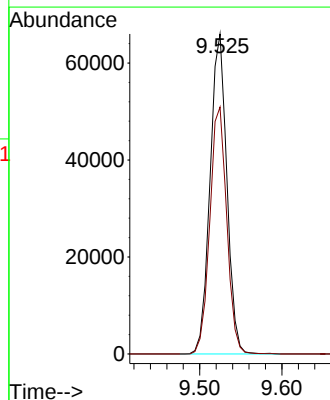
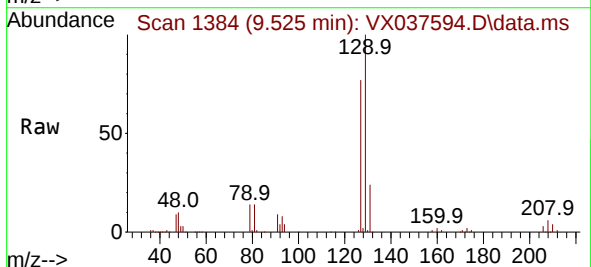
Acq: 07 Sep 2023 21:35

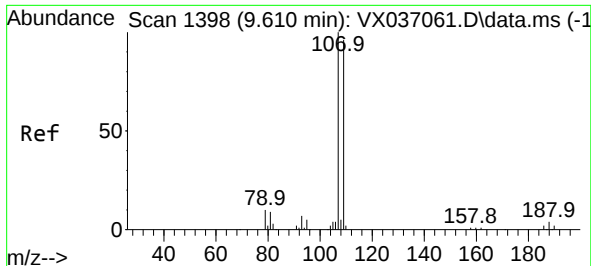
Tgt Ion:129 Resp: 93500

Ion Ratio Lower Upper

129 100

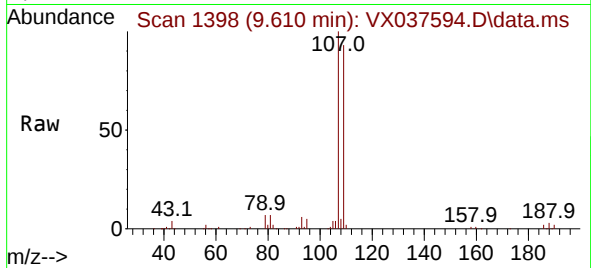
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.638 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

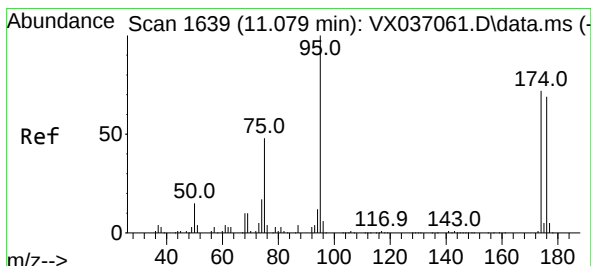
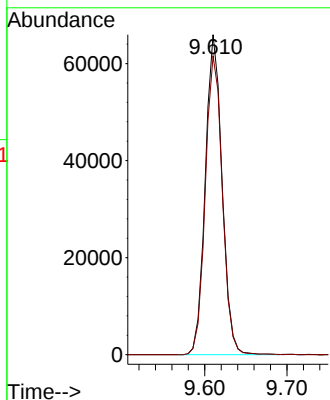
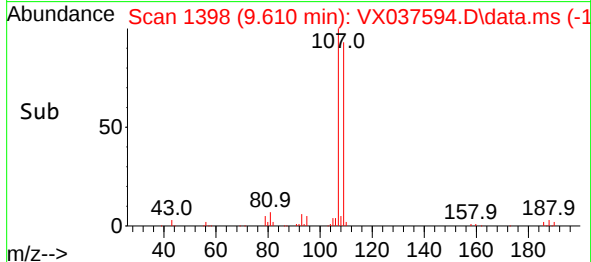
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



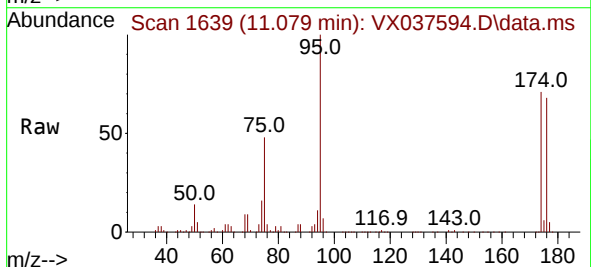
Tgt Ion:107 Resp: 93400
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

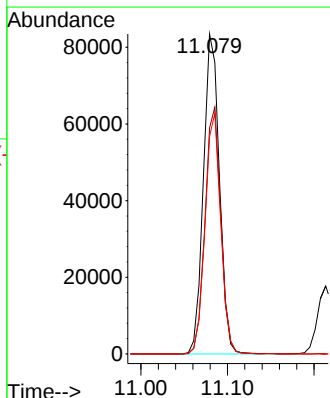
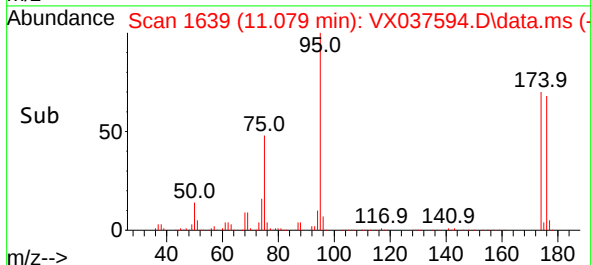
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

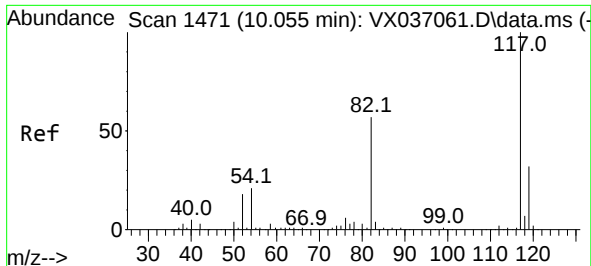


#62
4-Bromofluorobenzene
Concen: 56.489 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



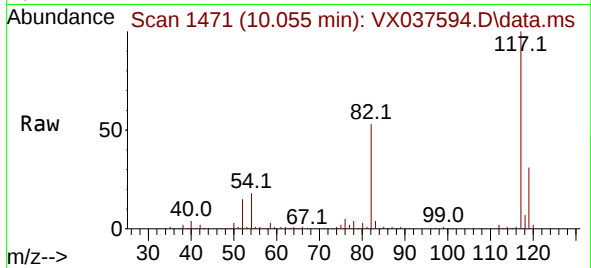
Tgt Ion: 95 Resp: 106864
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 73.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

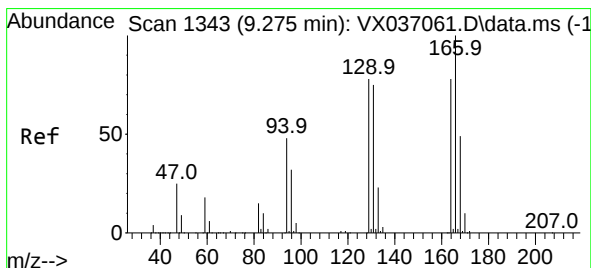
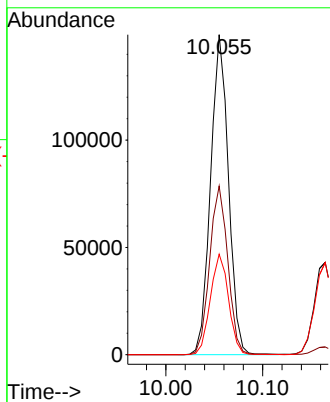
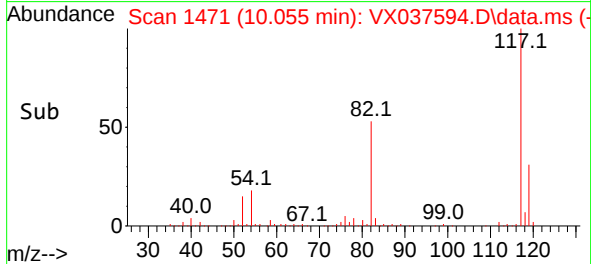
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 190778
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.4 25.5 38.3

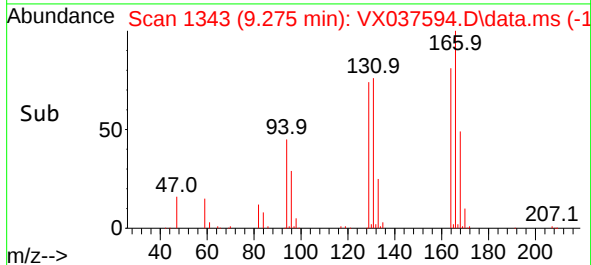
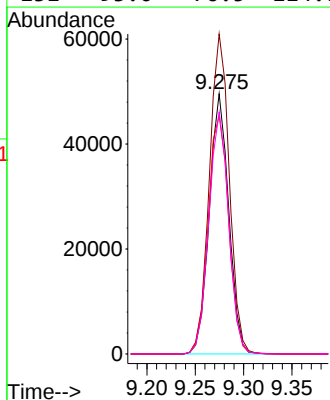
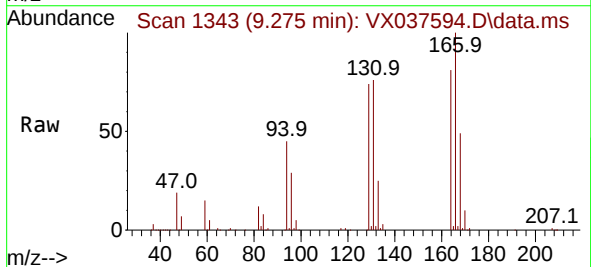
Manual Integrations
APPROVED

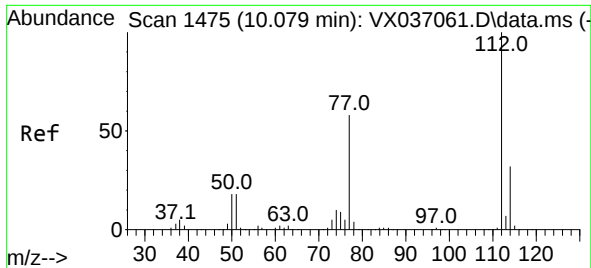
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Tetrachloroethene
Concen: 49.718 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

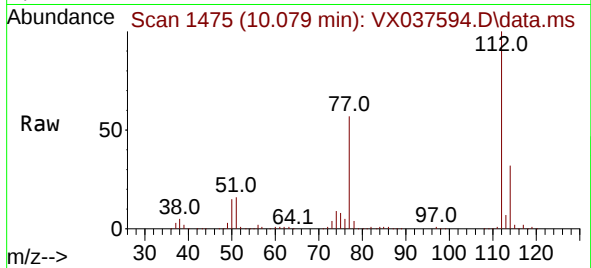
Tgt Ion:164 Resp: 69195
Ion Ratio Lower Upper
164 100
166 123.0 102.7 154.1
129 91.6 80.4 120.6
131 93.0 76.5 114.7





#65
Chlorobenzene
Concen: 54.504 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

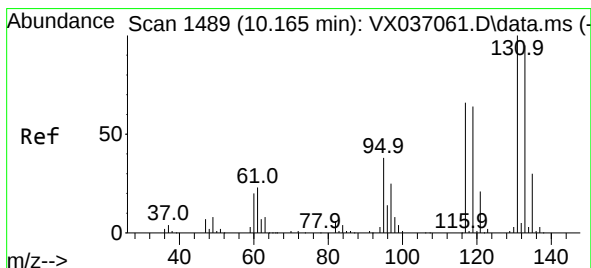
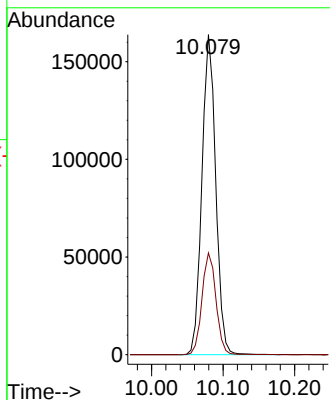
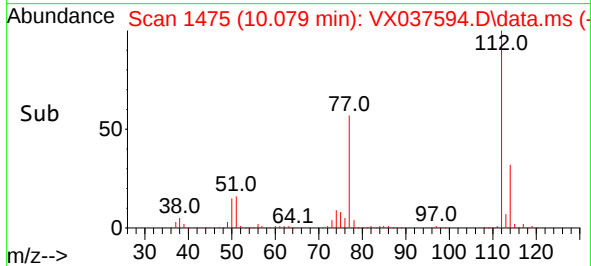
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



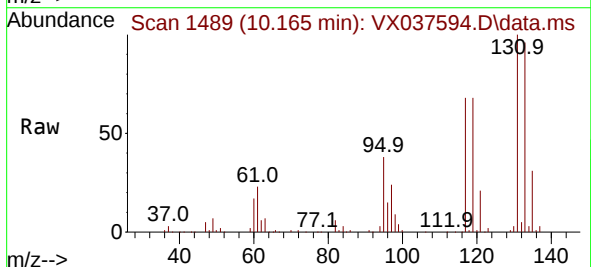
Tgt Ion:112 Resp: 21976
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

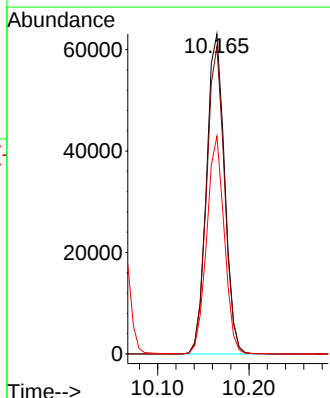
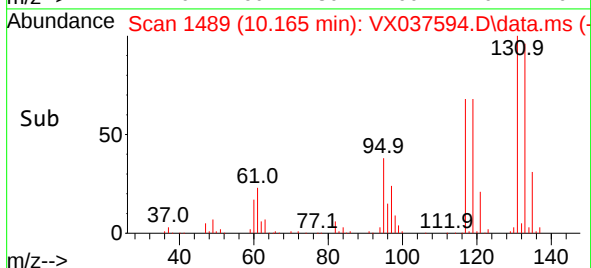
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

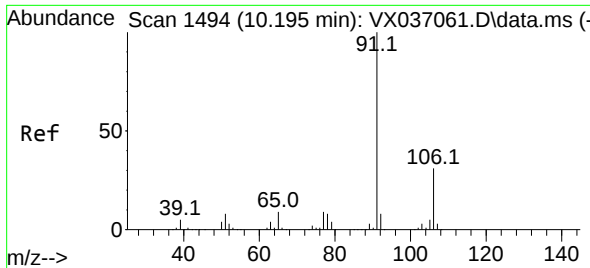


#66
1,1,1,2-Tetrachloroethane
Concen: 58.104 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



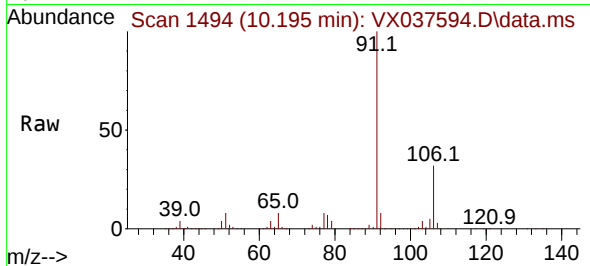
Tgt Ion:131 Resp: 86469
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 53.380 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

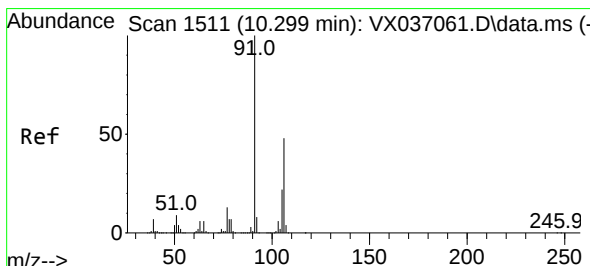
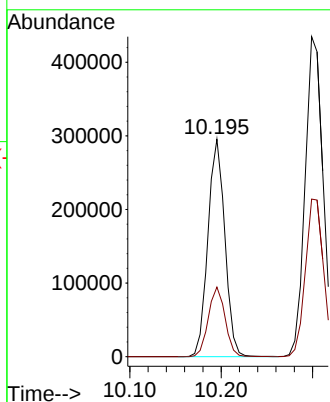
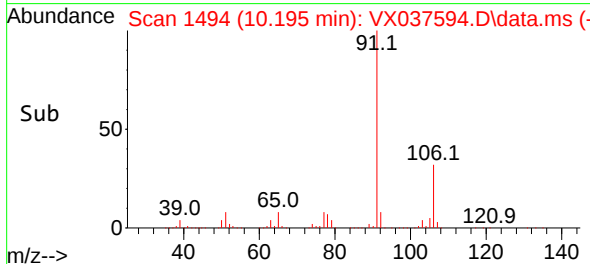
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



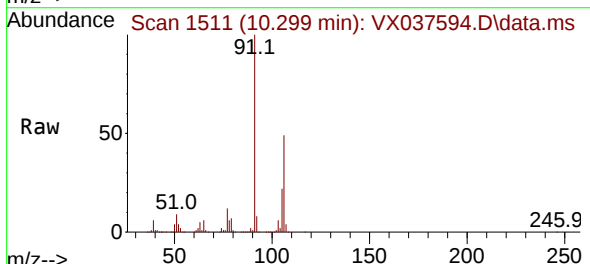
Tgt Ion: 91 Resp: 378732
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

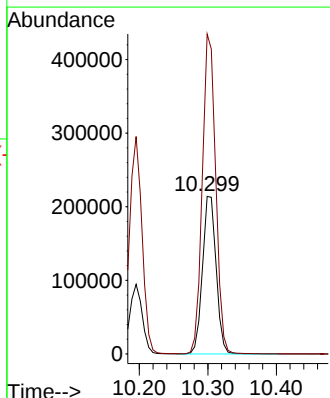
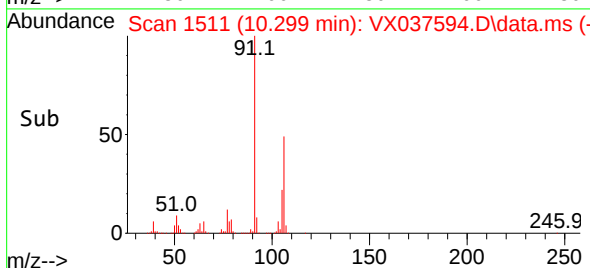
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

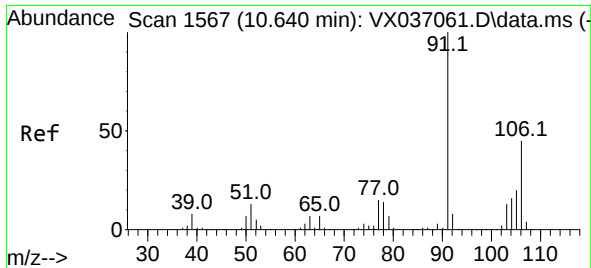


#68
m/p-Xylenes
Concen: 108.400 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



Tgt Ion:106 Resp: 297010
Ion Ratio Lower Upper
106 100
91 199.6 165.5 248.3





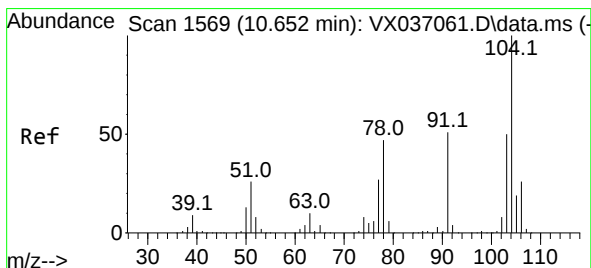
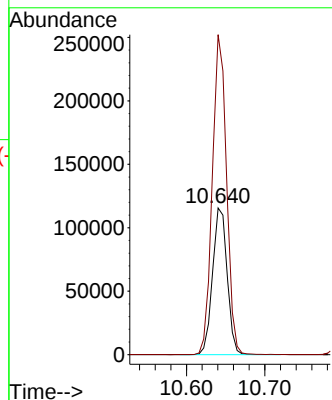
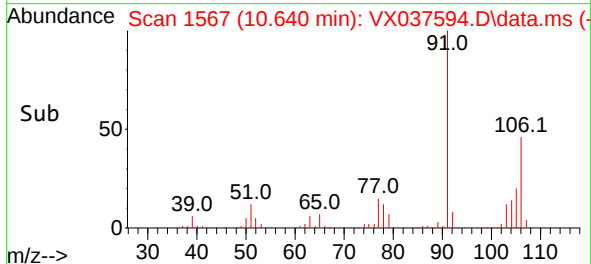
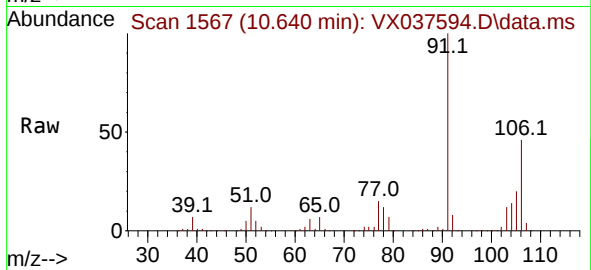
#69
o-Xylene
Concen: 55.327 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149564
Ion Ratio Lower Upper
106 100
91 212.5 108.9 326.8

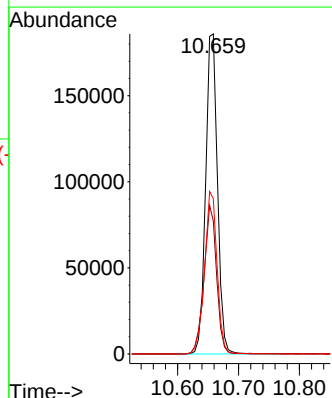
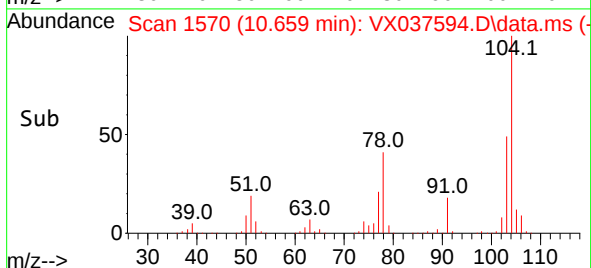
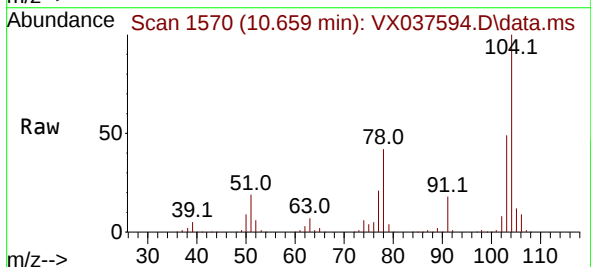
Manual Integrations
APPROVED

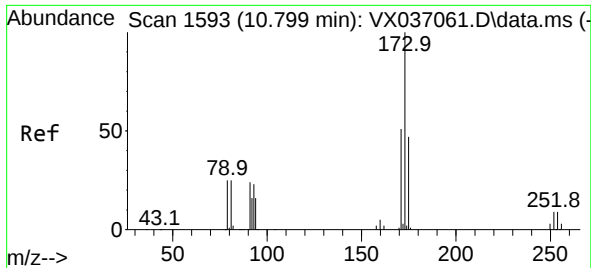
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Styrene
Concen: 56.653 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

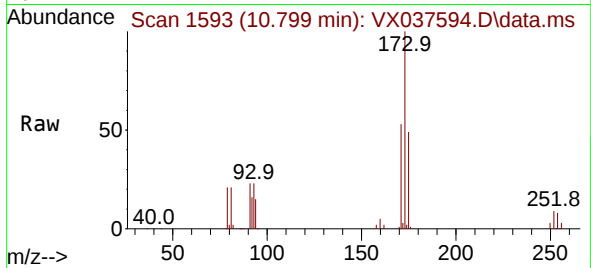
Tgt Ion:104 Resp: 252270
Ion Ratio Lower Upper
104 100
78 48.9 43.6 65.4
103 54.0 43.6 65.4





#71
Bromoform
Concen: 60.823 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

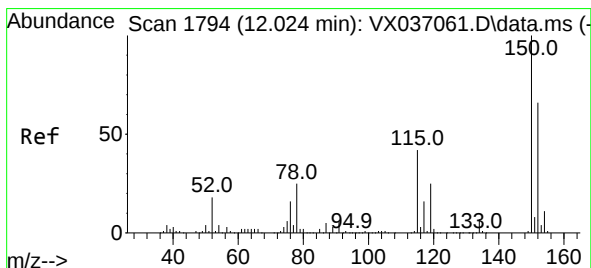
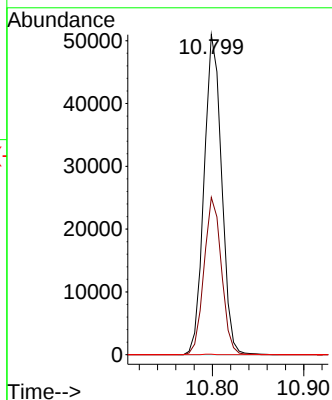
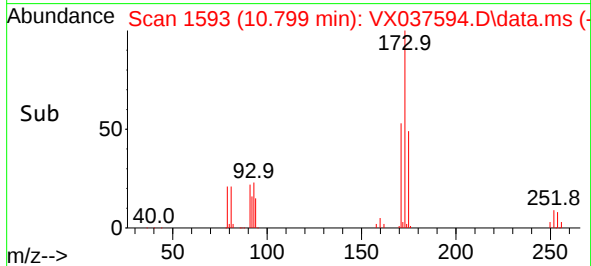
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6770
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.1 0.0 0.0

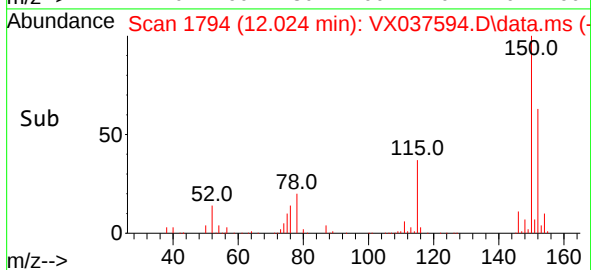
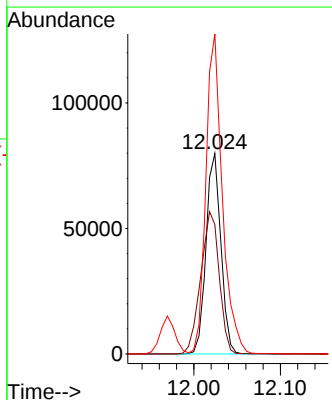
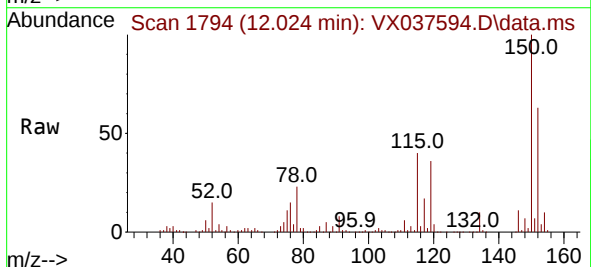
Manual Integrations
APPROVED

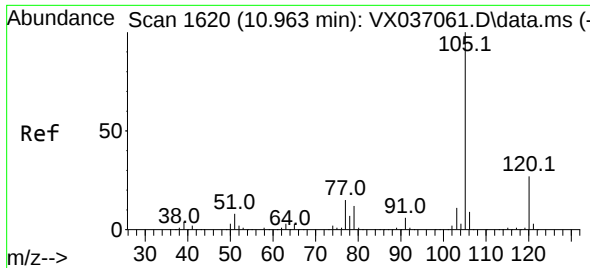
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

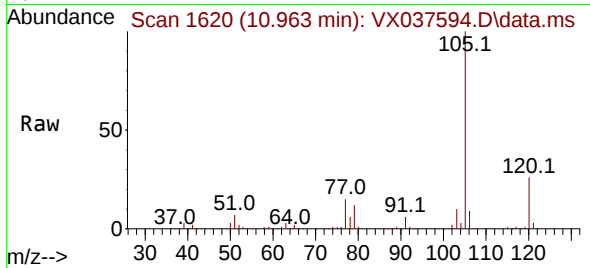
Tgt Ion:152 Resp: 95186
Ion Ratio Lower Upper
152 100
115 88.3 43.3 129.9
150 177.2 0.0 345.0





#73
Isopropylbenzene
Concen: 55.950 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

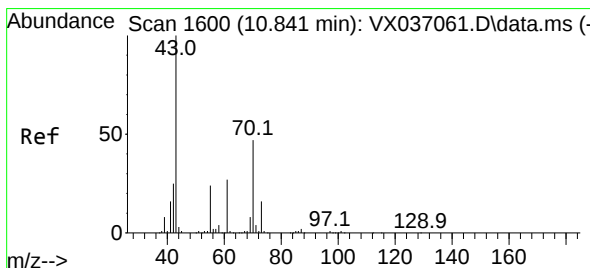
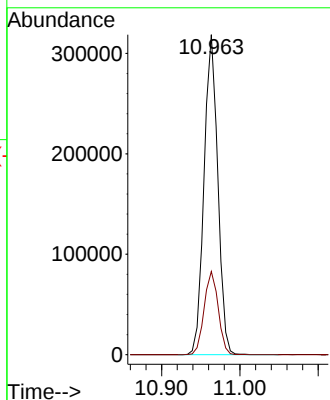
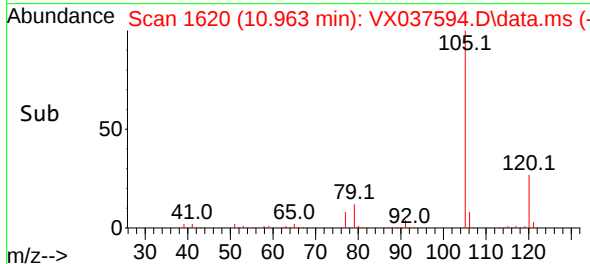
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



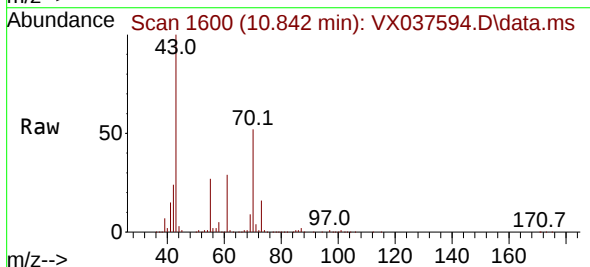
Tgt Ion:105 Resp: 387094
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

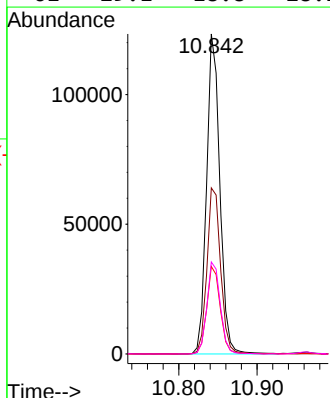
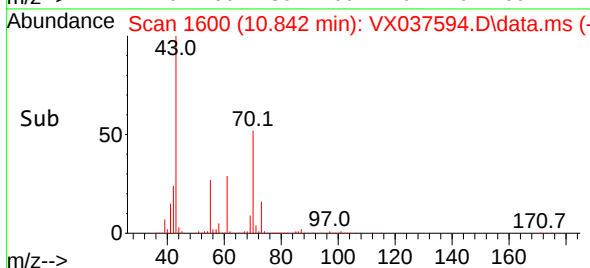
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

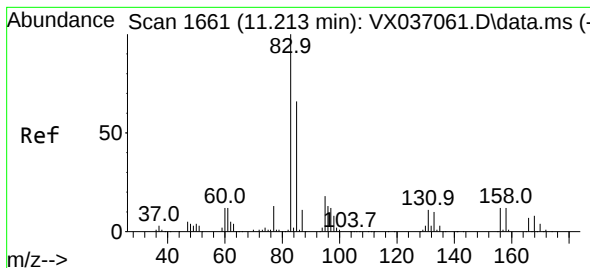


#74
N-ethyl acetate
Concen: 53.797 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



Tgt Ion: 43 Resp: 144624
Ion Ratio Lower Upper
43 100
70 53.6 32.9 49.3#
55 27.9 19.3 28.9
61 29.1 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 60.622 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14125

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.8

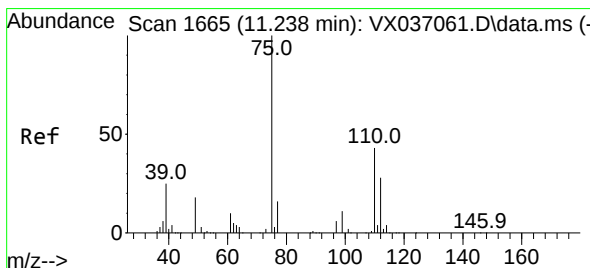
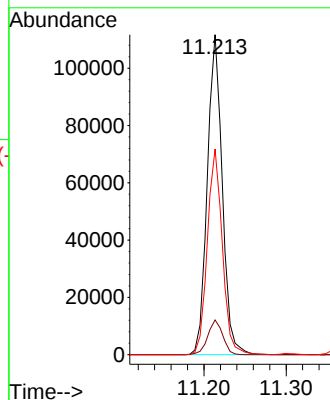
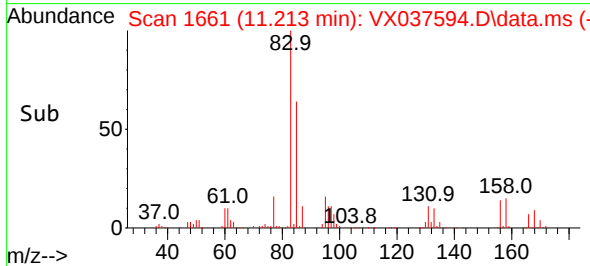
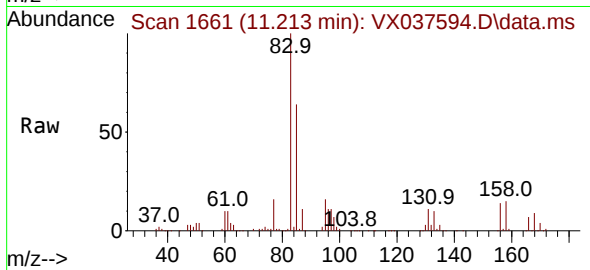
85 64.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#76

1,2,3-Trichloropropane

Concen: 55.519 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037594.D

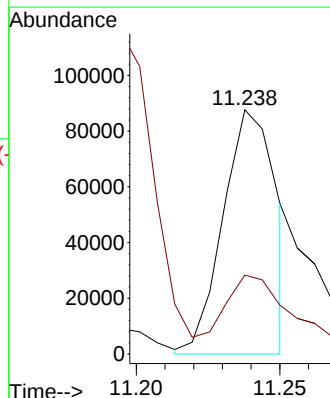
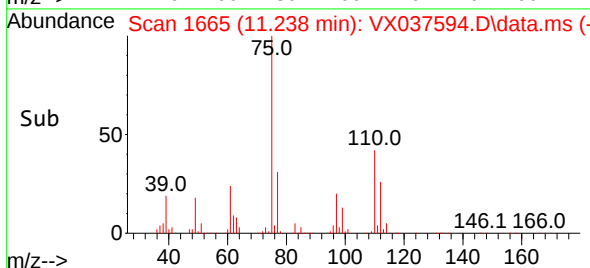
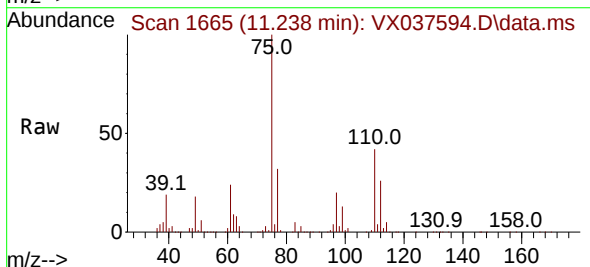
Acq: 07 Sep 2023 21:35

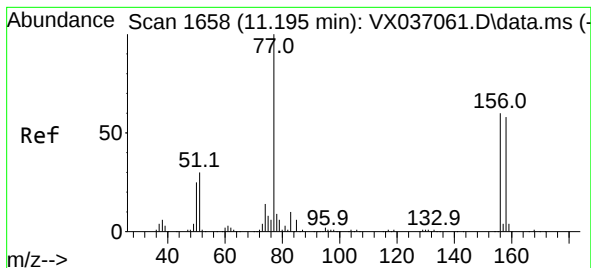
Tgt Ion: 75 Resp: 112546

Ion Ratio Lower Upper

75 100

77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 56.641 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

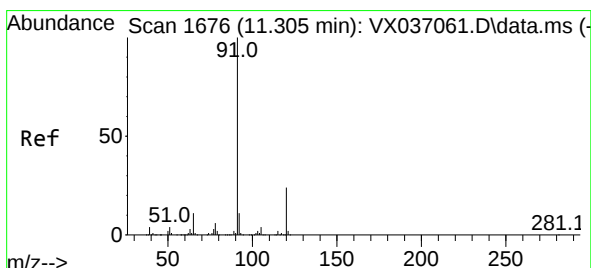
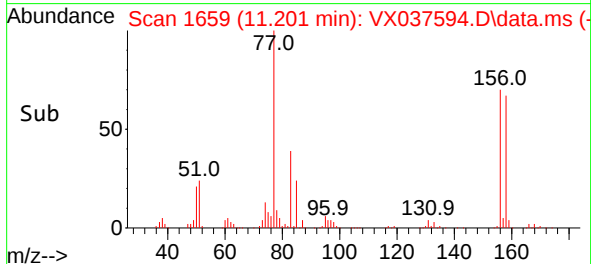
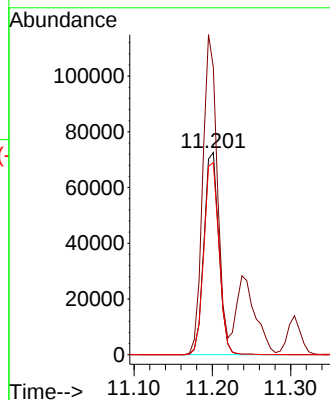
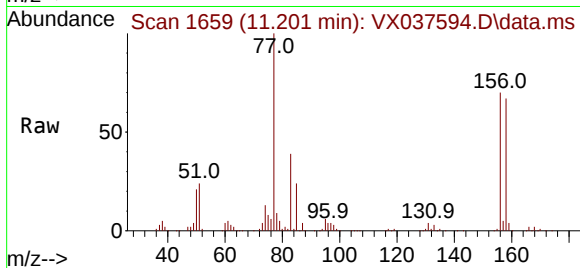
Tgt Ion:	156	Resp:	95700
Ion Ratio	Lower	Upper	
156	100		
77	154.4	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#78

n-propylbenzene

Concen: 55.632 ug/l

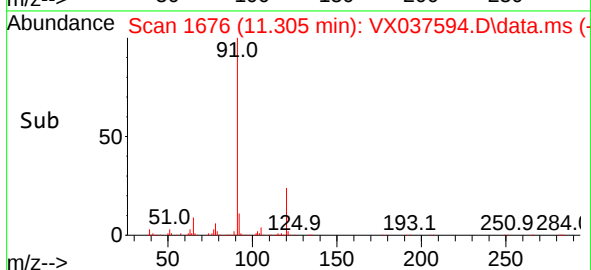
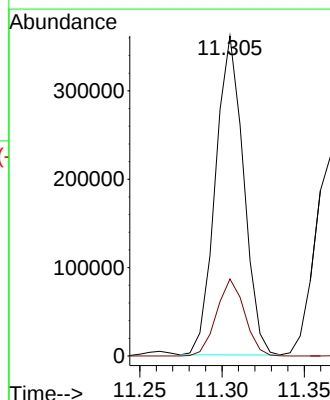
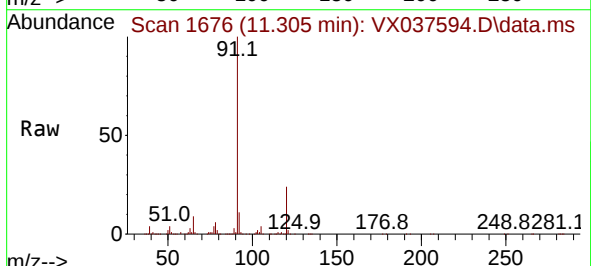
RT: 11.305 min Scan# 1676

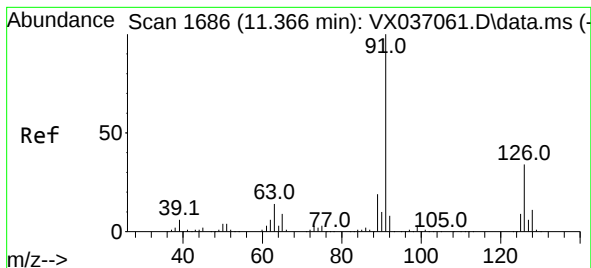
Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:	91	Resp:	428589
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.4





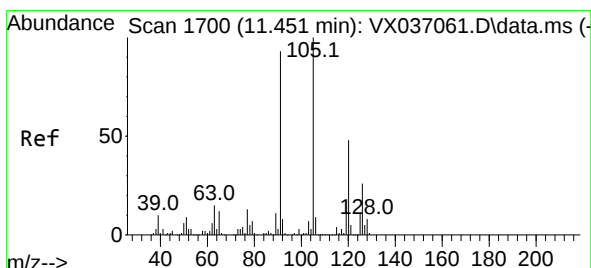
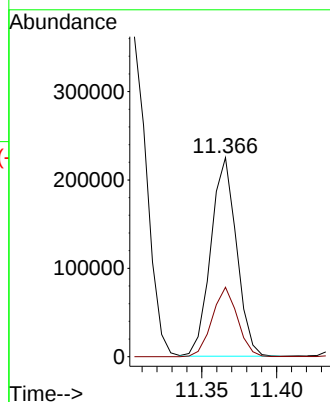
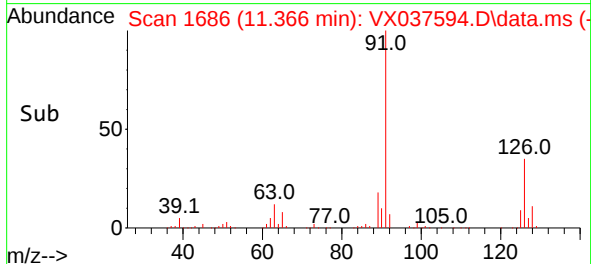
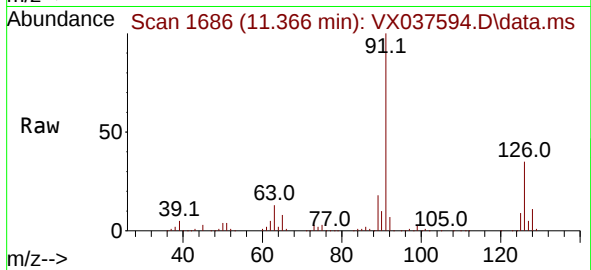
#79
2-Chlorotoluene
Concen: 54.587 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 26874
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

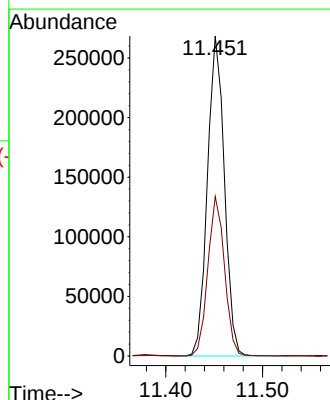
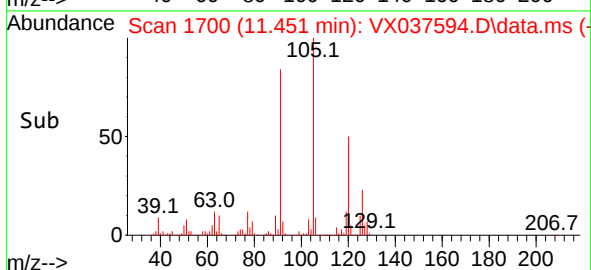
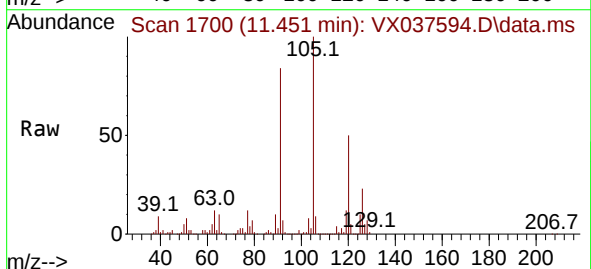
Manual Integrations
APPROVED

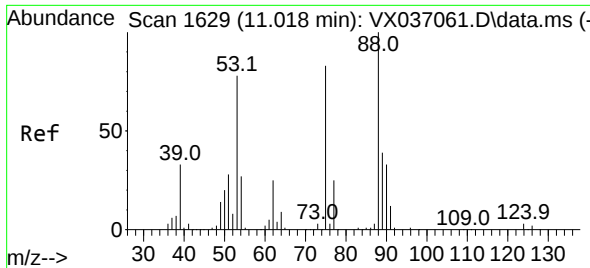
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.687 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Tgt Ion:105 Resp: 327161
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





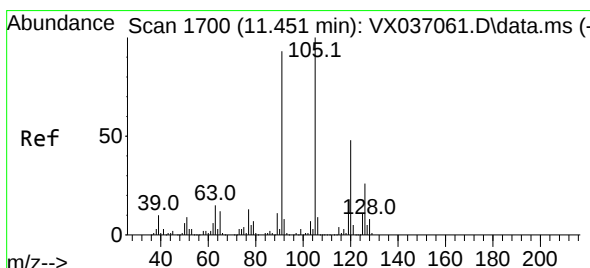
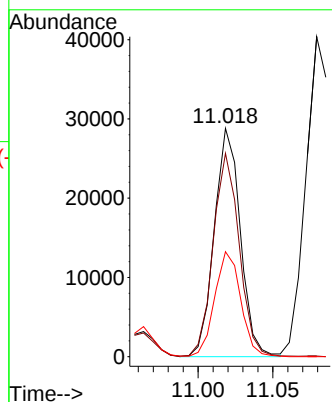
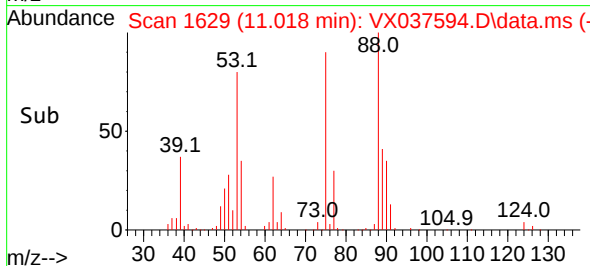
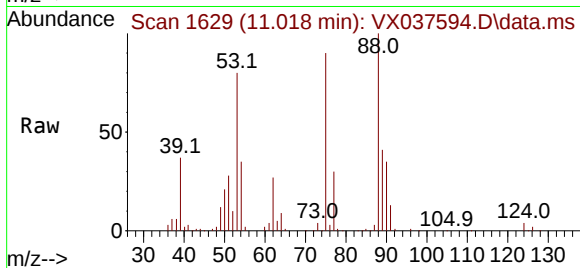
#81
trans-1,4-Dichloro-2-butene
Concen: 48.181 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 34969
Ion Ratio Lower Upper
75 100
53 89.0 90.5 135.7
89 45.8 36.9 55.3

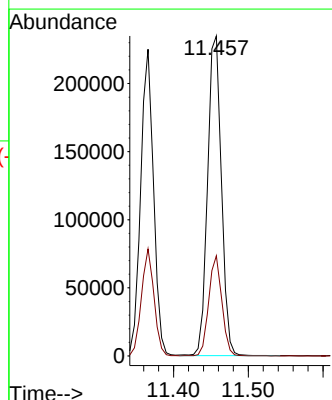
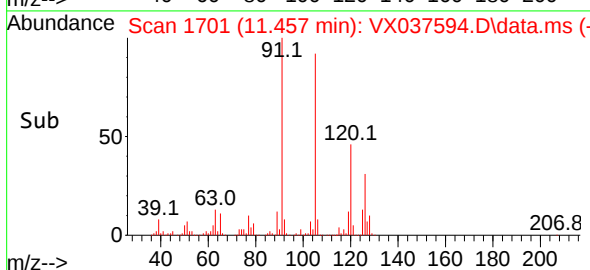
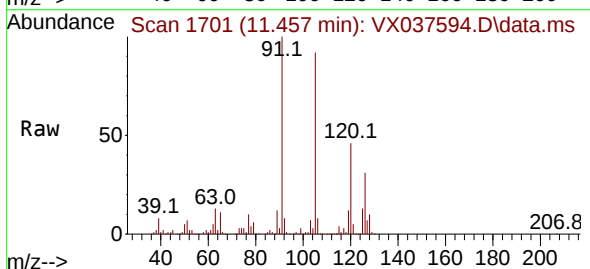
Manual Integrations
APPROVED

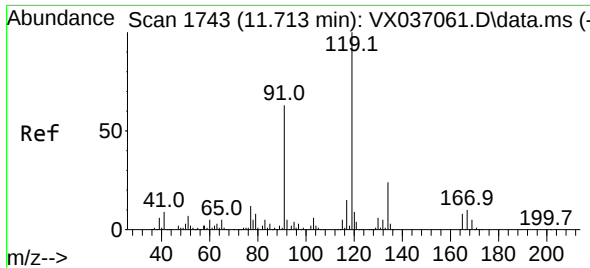
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#82
4-Chlorotoluene
Concen: 52.885 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

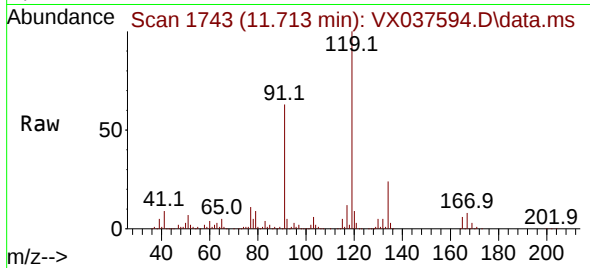
Tgt Ion: 91 Resp: 300543
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 61.519 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

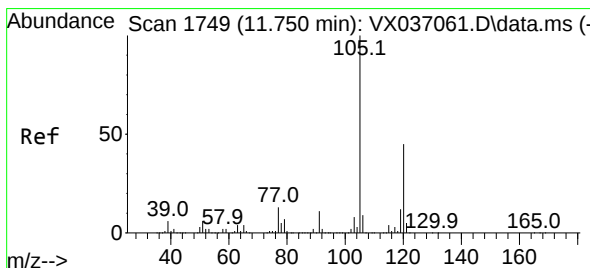
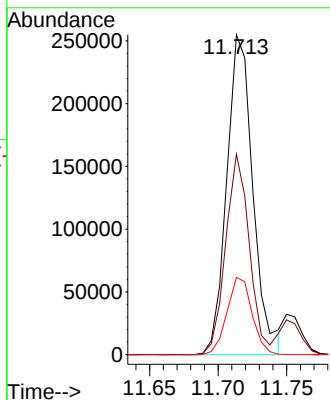
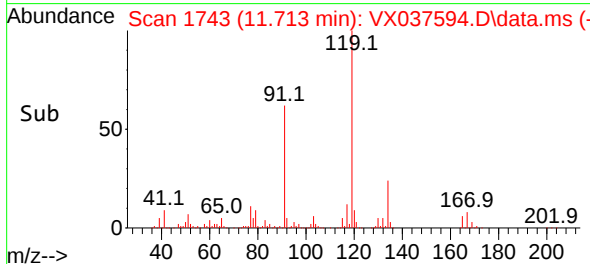
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



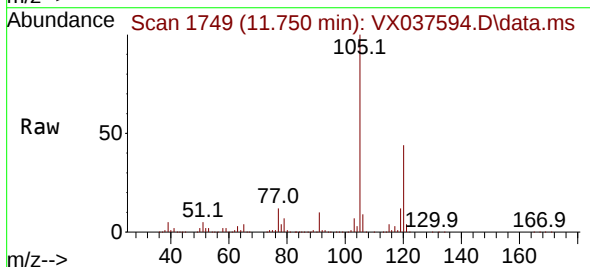
Tgt Ion:119 Resp: 338604
Ion Ratio Lower Upper
119 100
91 56.7 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

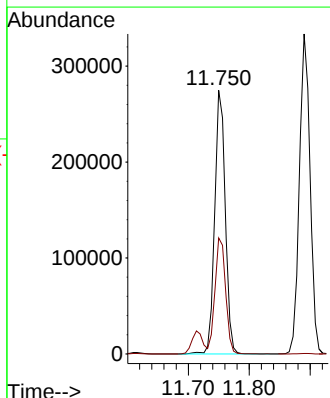
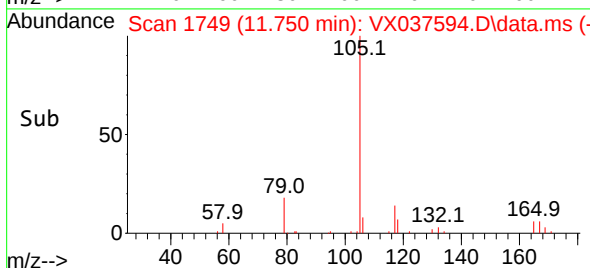
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

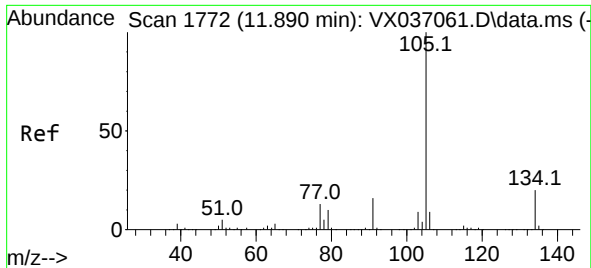


#84
1,2,4-Trimethylbenzene
Concen: 56.667 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



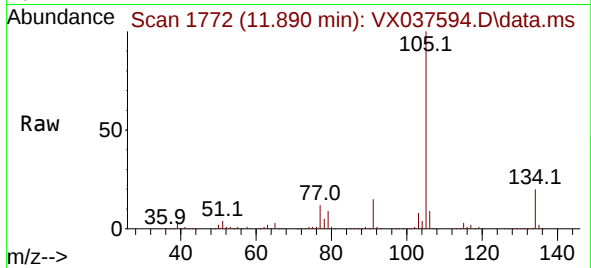
Tgt Ion:105 Resp: 330526
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 63.184 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037594.D
 Acq: 07 Sep 2023 21:35

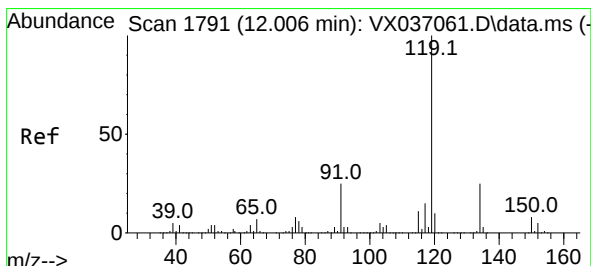
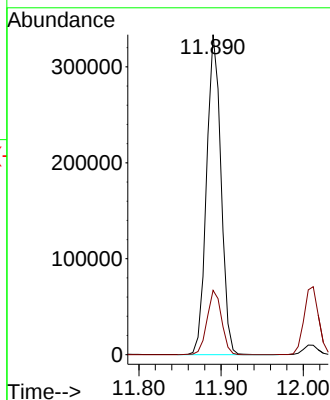
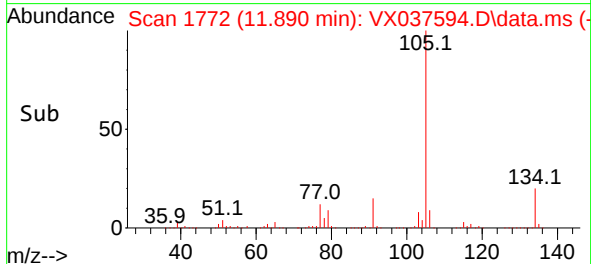
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



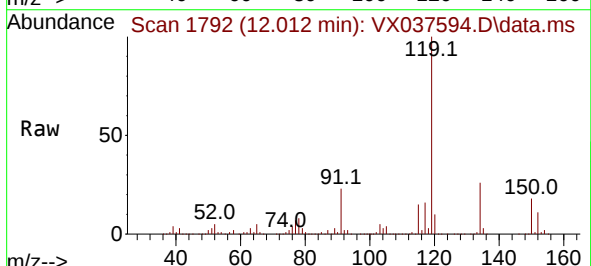
Tgt Ion:105 Resp: 406210
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

Manual Integrations
 APPROVED

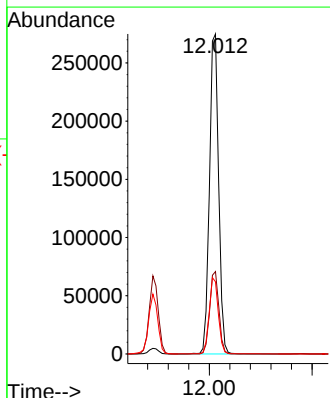
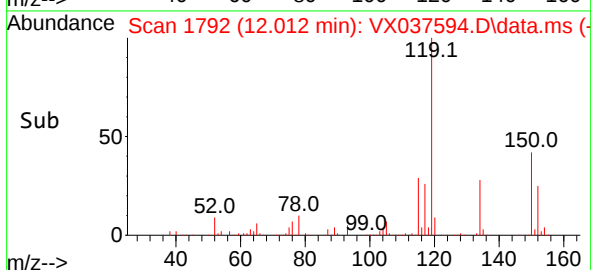
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

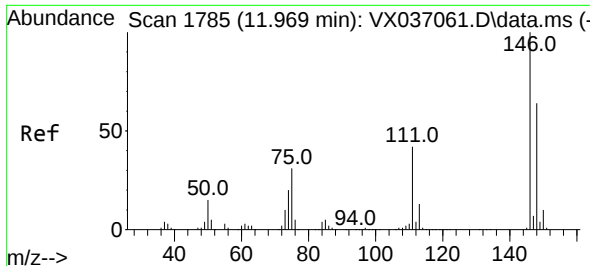


#86
 p-Isopropyltoluene
 Concen: 61.397 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037594.D
 Acq: 07 Sep 2023 21:35



Tgt Ion:119 Resp: 339793
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 23.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.529 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 172500

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

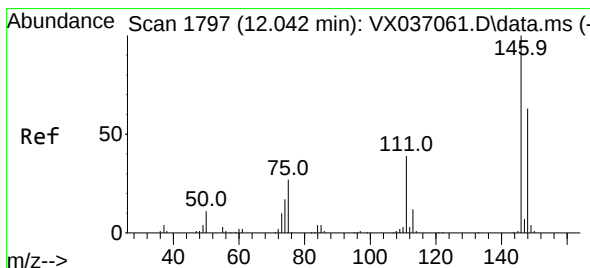
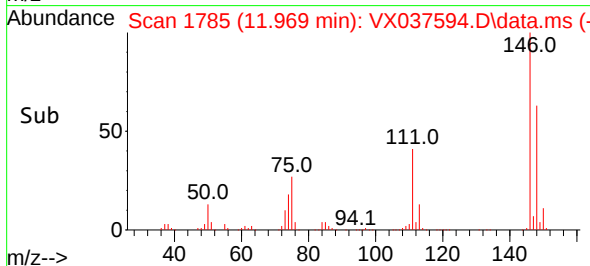
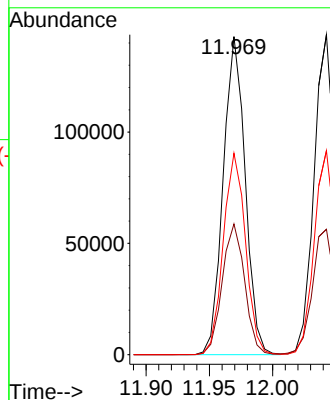
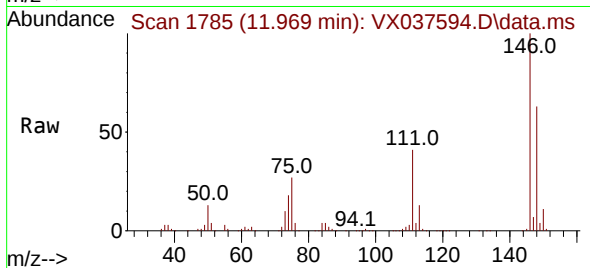
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#88

1,4-Dichlorobenzene

Concen: 52.721 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

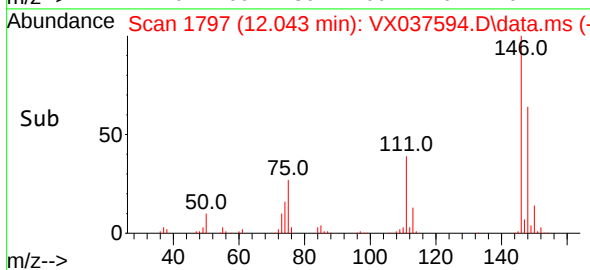
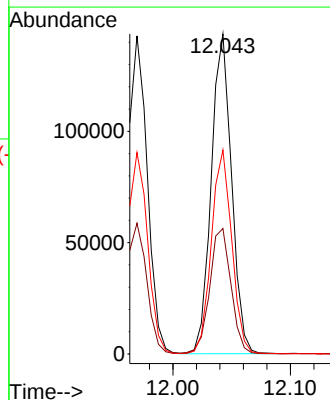
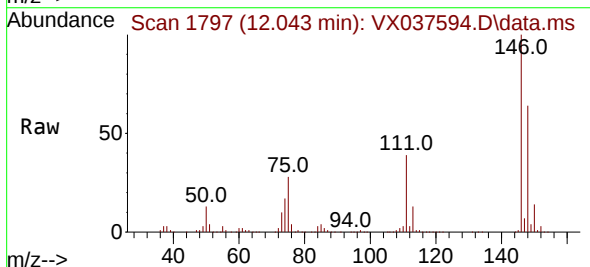
Tgt Ion:146 Resp: 172314

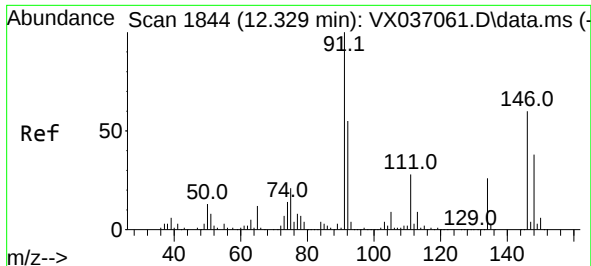
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 59.485 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 27294

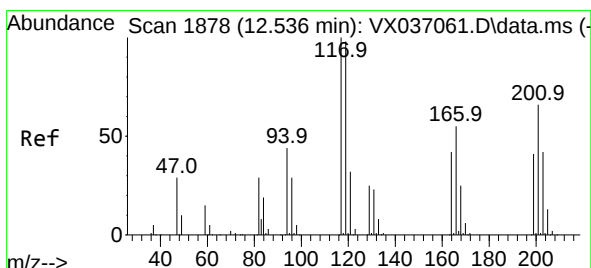
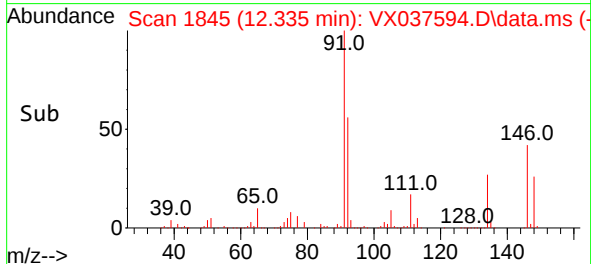
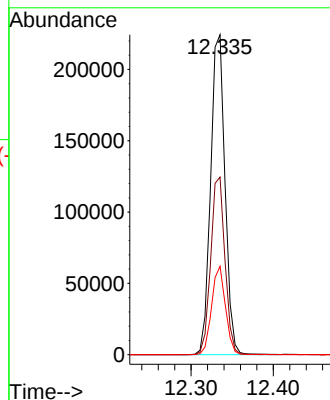
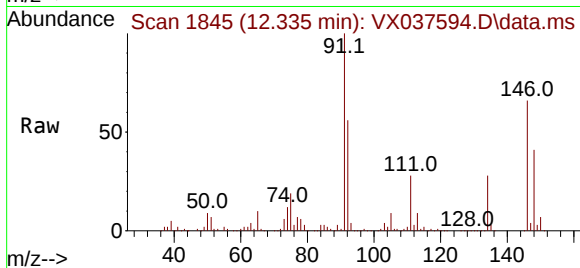
Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.0
134	26.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#90

Hexachloroethane

Concen: 65.898 ug/l

RT: 12.536 min Scan# 1878

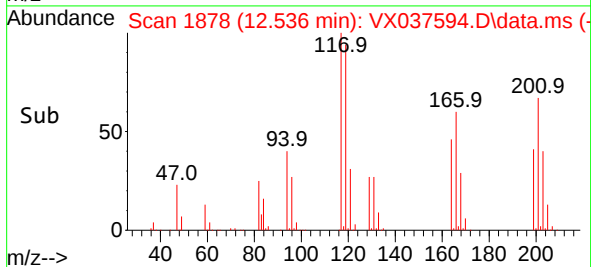
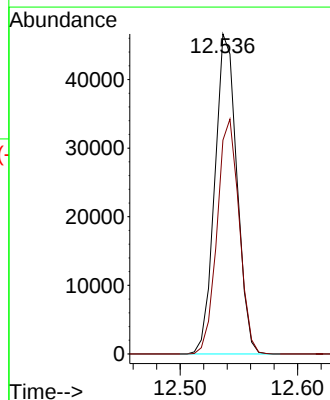
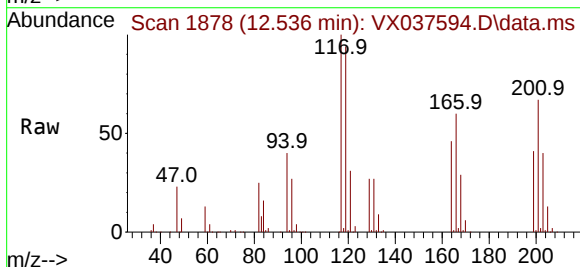
Delta R.T. 0.000 min

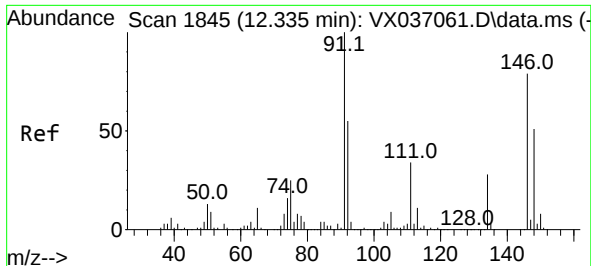
Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:117 Resp: 60873

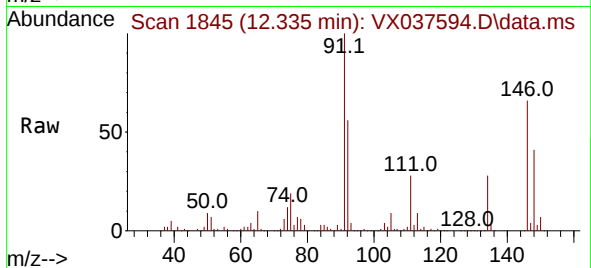
Ion	Ratio	Lower	Upper
117	100		
201	73.4	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 56.785 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35

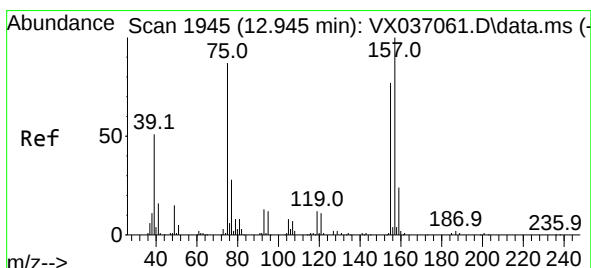
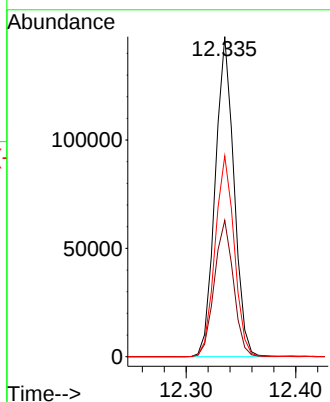
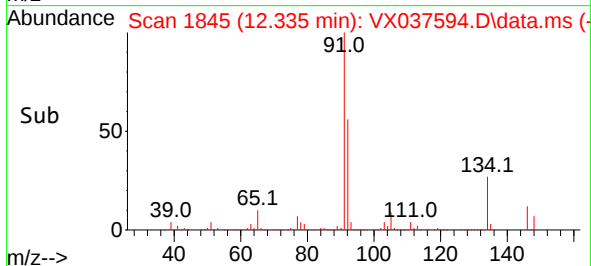
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



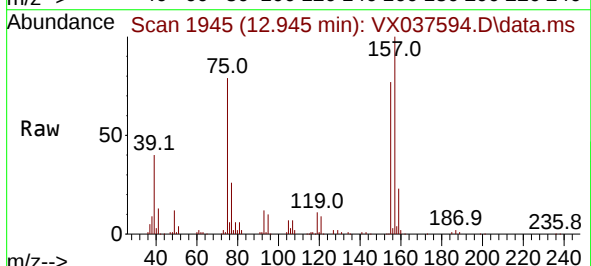
Tgt Ion:146 Resp: 175908
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
APPROVED

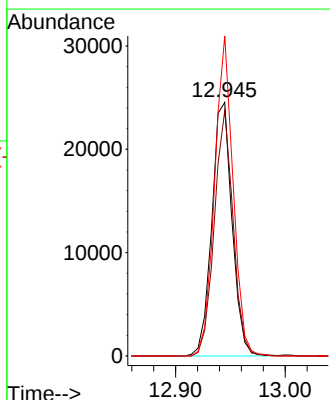
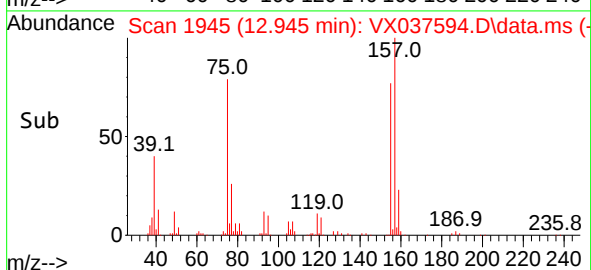
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

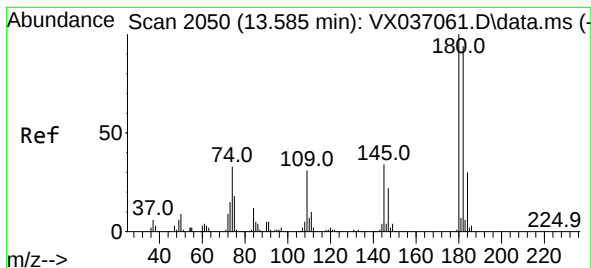


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.214 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037594.D
Acq: 07 Sep 2023 21:35



Tgt Ion: 75 Resp: 31517
Ion Ratio Lower Upper
75 100
155 90.0 36.1 108.5
157 115.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 57.723 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

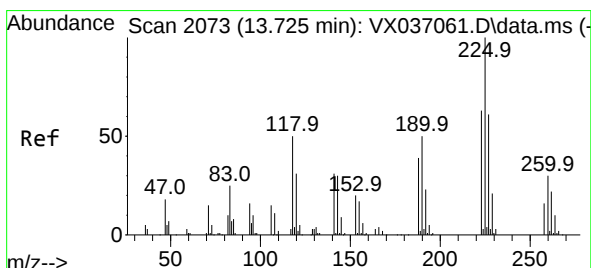
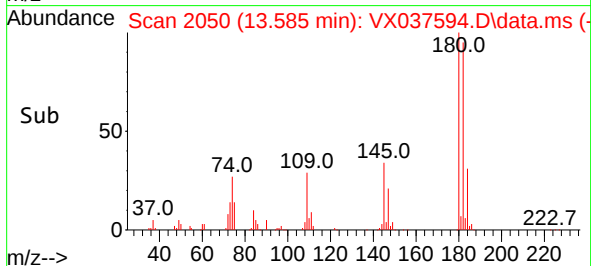
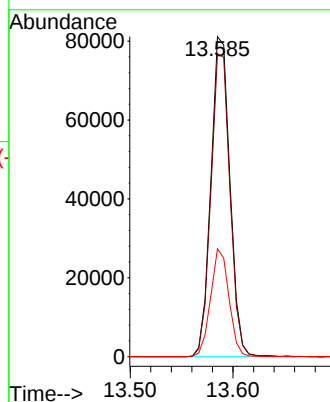
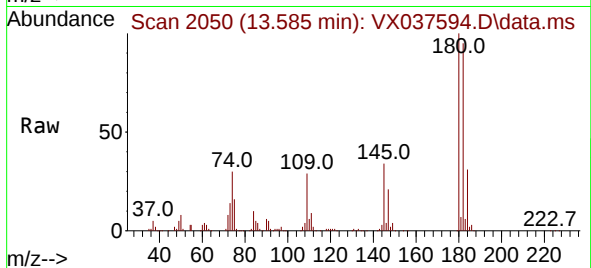
Tgt Ion:180	Resp: 104620
Ion Ratio	Lower Upper
180 100	
182 94.7	48.3 144.8
145 32.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#94

Hexachlorobutadiene

Concen: 64.150 ug/l

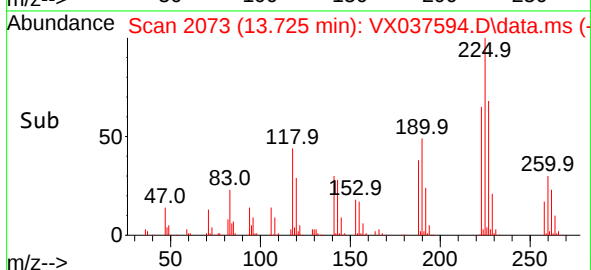
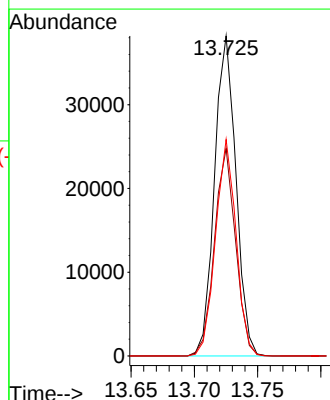
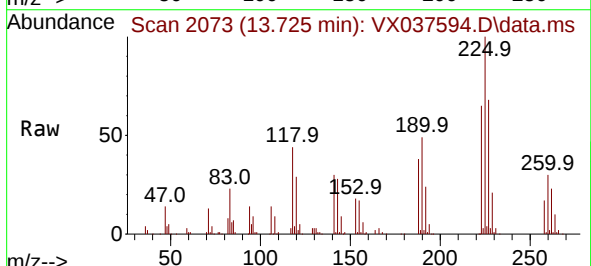
RT: 13.725 min Scan# 2073

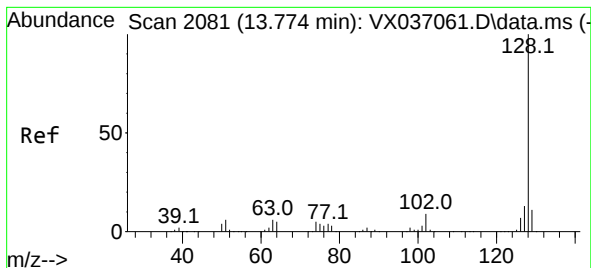
Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:225	Resp: 44920
Ion Ratio	Lower Upper
225 100	
223 63.9	31.1 93.2
227 64.9	32.5 97.5





#95

Naphthalene

Concen: 50.370 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 39992

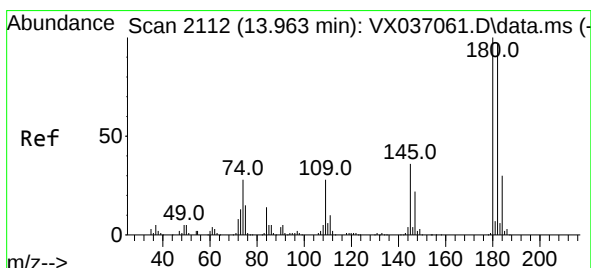
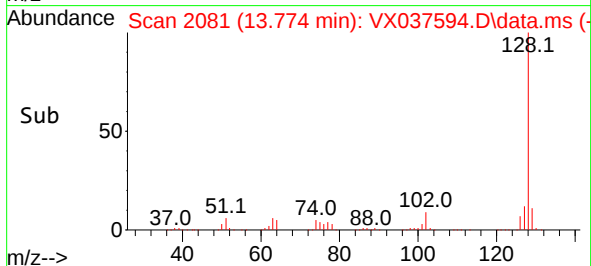
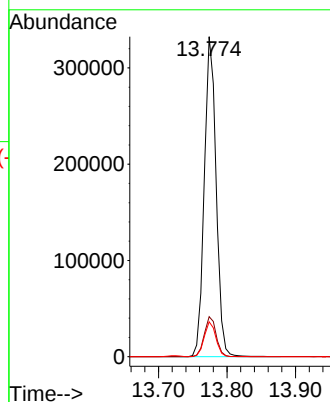
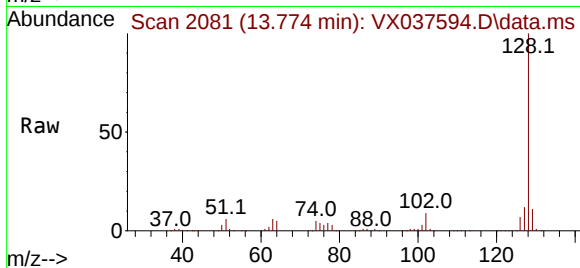
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 61.031 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037594.D

Acq: 07 Sep 2023 21:35

Tgt Ion:180 Resp: 109905

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.6
145	35.1	17.8	53.5

