

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045470.D
 Acq On : 26 Mar 2025 15:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:41:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	144626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65921	49.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.260%			
35) Dibromofluoromethane	5.379	113	48382	50.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.641	98	162016	46.211	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.420%			
62) 4-Bromofluorobenzene	11.079	95	60080	51.714	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71350	67.203	ug/l	96
3) Chloromethane	1.307	50	66647	51.295	ug/l	96
4) Vinyl Chloride	1.374	62	64556	50.085	ug/l	99
5) Bromomethane	1.593	94	30298	59.795	ug/l	97
6) Chloroethane	1.666	64	35200	59.207	ug/l	95
7) Trichlorofluoromethane	1.874	101	98682	57.834	ug/l	99
8) Diethyl Ether	2.130	74	32384	48.523	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	63716	64.996	ug/l	98
10) Methyl Iodide	2.441	142	72226	58.957	ug/l	94
11) Tert butyl alcohol	2.971	59	51894	204.206	ug/l	97
12) 1,1-Dichloroethene	2.307	96	58768	56.703	ug/l	93
13) Acrolein	2.233	56	82546	280.996	ug/l	99
14) Allyl chloride	2.654	41	108681	58.910	ug/l	92
15) Acrylonitrile	3.062	53	180476	264.982	ug/l	98
16) Acetone	2.380	43	184795	296.871	ug/l	96
17) Carbon Disulfide	2.502	76	146850	53.198	ug/l	98
18) Methyl Acetate	2.703	43	75783	50.607	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	194684	55.989	ug/l	99
20) Methylene Chloride	2.782	84	65778	53.346	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	58514	57.147	ug/l	97
22) Diisopropyl ether	3.757	45	211696	56.422	ug/l	94
23) Vinyl Acetate	3.715	43	959622	306.481	ug/l	99
24) 1,1-Dichloroethane	3.599	63	117697	55.973	ug/l	99
25) 2-Butanone	4.550	43	261690	279.291	ug/l	96
26) 2,2-Dichloropropane	4.465	77	87389	88.603	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	69978	55.363	ug/l	91
28) Bromochloromethane	4.885	49	50712	50.597	ug/l	99
29) Tetrahydrofuran	4.995	42	162120	257.649	ug/l	100
30) Chloroform	5.080	83	119560	57.224	ug/l	97
31) Cyclohexane	5.458	56	106330	58.253	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	102345	60.650	ug/l	97
36) 1,1-Dichloropropene	5.684	75	80834	60.949	ug/l	99
37) Ethyl Acetate	4.708	43	98735	57.775	ug/l	99
38) Carbon Tetrachloride	5.666	117	86948	64.575	ug/l	96
39) Methylcyclohexane	7.373	83	106496	67.014	ug/l	98
40) Benzene	6.025	78	245023	58.506	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	55588	60.156	ug/l	98
42) 1,2-Dichloroethane	6.080	62	98034	65.005	ug/l	97
43) Isopropyl Acetate	6.330	43	154848	61.276	ug/l	98
44) Trichloroethene	7.117	130	56755	57.714	ug/l	98
45) 1,2-Dichloropropane	7.421	63	62399	57.950	ug/l	98
46) Dibromomethane	7.574	93	46224	60.735	ug/l	97
47) Bromodichloromethane	7.812	83	92342	61.857	ug/l	98
48) Methyl methacrylate	7.690	41	79394	62.623	ug/l	92
49) 1,4-Dioxane	7.659	88	24856	929.442	ug/l	93
51) 4-Methyl-2-Pentanone	8.568	43	501625	295.634	ug/l	99
52) Toluene	8.714	92	148581	60.468	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84155	67.431	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	96166	66.080	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	57660	57.001	ug/l	97
56) Ethyl methacrylate	9.110	69	95827	62.321	ug/l	92
57) 1,3-Dichloropropane	9.305	76	102439	58.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	232271	309.665	ug/l	99
59) 2-Hexanone	9.427	43	368887	300.058	ug/l	98
60) Dibromochloromethane	9.519	129	65450	61.881	ug/l	98
61) 1,2-Dibromoethane	9.604	107	59785	59.203	ug/l	99
64) Tetrachloroethene	9.269	164	50166	61.975	ug/l	94
65) Chlorobenzene	10.073	112	156914	58.675	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	53138	59.666	ug/l	99
67) Ethyl Benzene	10.189	91	286839	61.556	ug/l	99
68) m/p-Xylenes	10.299	106	210779	123.563	ug/l	95
69) o-Xylene	10.640	106	101992	59.282	ug/l	95
70) Styrene	10.653	104	174051	62.523	ug/l	98
71) Bromoform	10.799	173	40682	60.576	ug/l #	98
73) Isopropylbenzene	10.957	105	275801	61.143	ug/l	99
74) N-amyl acetate	10.842	43	129374	61.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87921	53.116	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76581m	56.934	ug/l	
77) Bromobenzene	11.195	156	59754	56.145	ug/l	94
78) n-propylbenzene	11.299	91	324320	63.648	ug/l	99
79) 2-Chlorotoluene	11.360	91	190484	58.698	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	224971	61.682	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23459	59.684	ug/l	86
82) 4-Chlorotoluene	11.451	91	218741	61.848	ug/l	97
83) tert-Butylbenzene	11.713	119	222490	59.370	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	224111	61.068	ug/l	98
85) sec-Butylbenzene	11.890	105	281972	62.814	ug/l	99
86) p-Isopropyltoluene	12.006	119	230417	63.515	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	108247	57.014	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	108707	56.594	ug/l	98
89) n-Butylbenzene	12.329	91	208754	66.812	ug/l	99
90) Hexachloroethane	12.536	117	39837	60.711	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	104966	55.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19035	59.027	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	63082	58.168	ug/l	99
94) Hexachlorobutadiene	13.725	225	27031	60.796	ug/l	99
95) Naphthalene	13.774	128	228638	54.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63287	55.317	ug/l	98

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VSTDCCC050EC

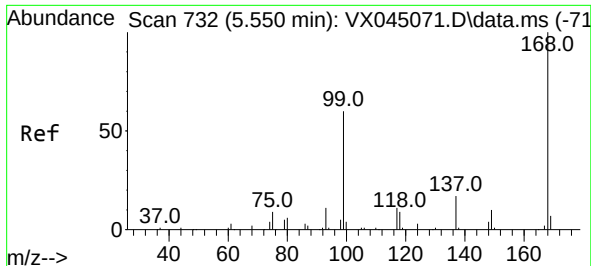
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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



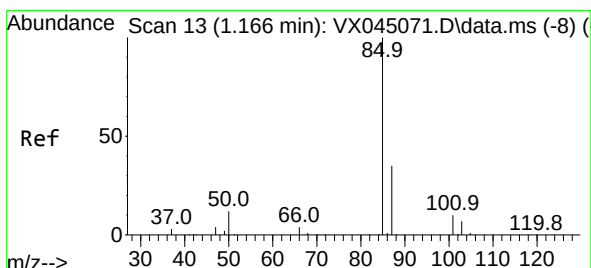
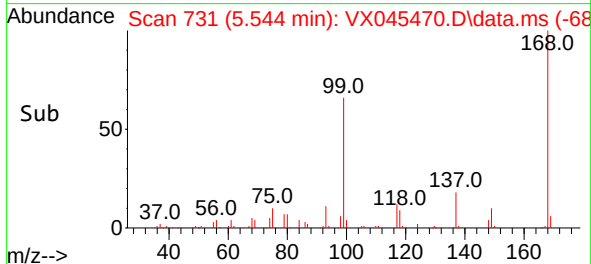
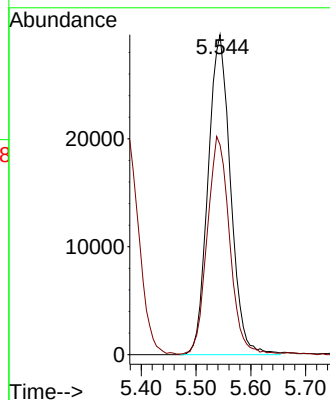
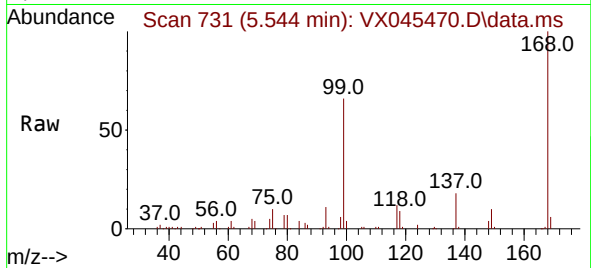
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 8434
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4

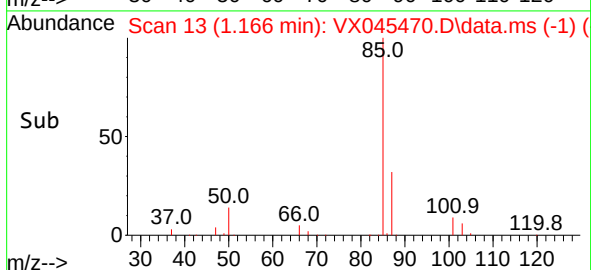
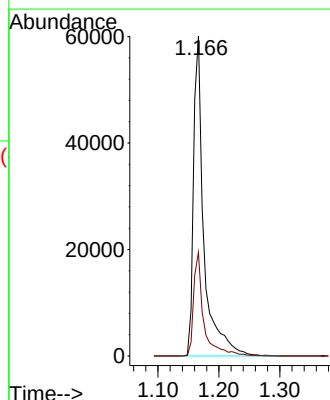
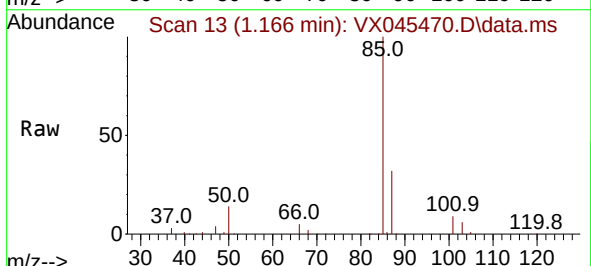
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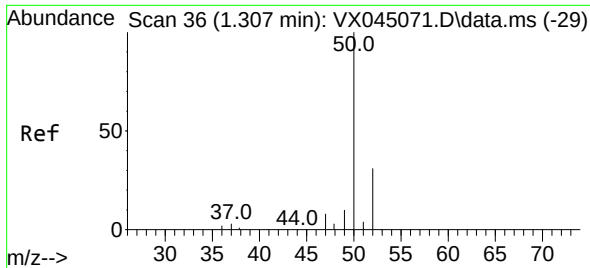
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 67.203 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 85 Resp: 71350
Ion Ratio Lower Upper
85 100
87 32.4 17.4 52.3





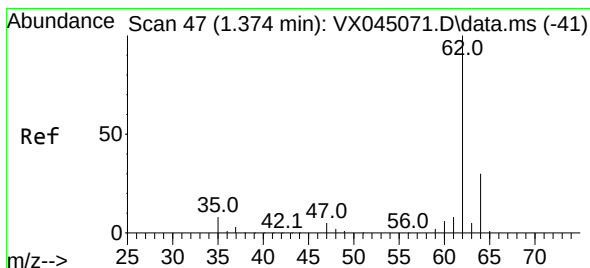
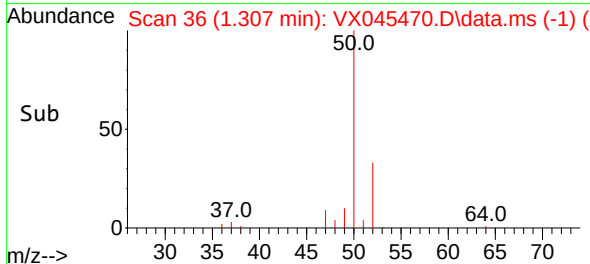
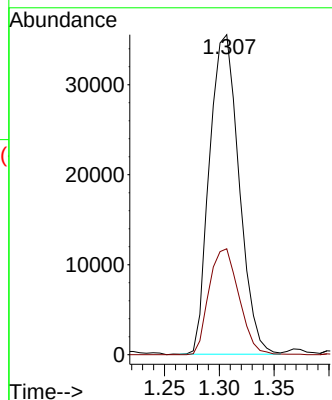
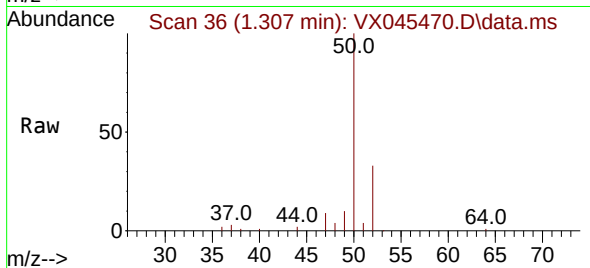
#3
Chloromethane
Concen: 51.295 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6664
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

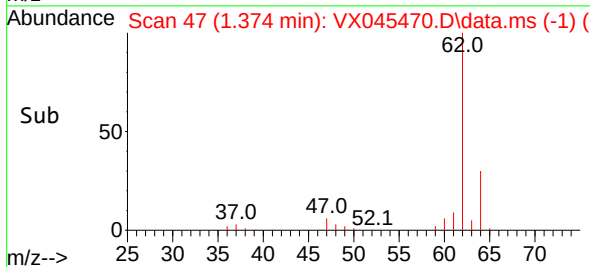
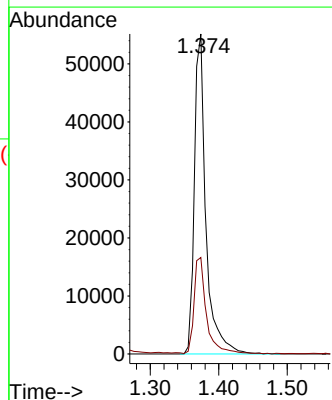
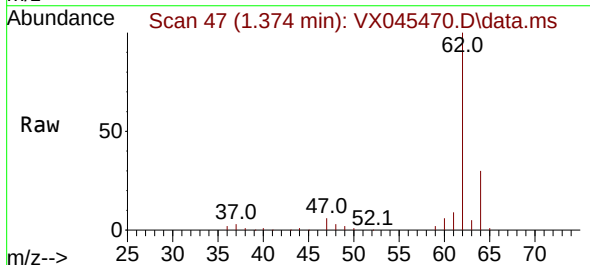
Manual Integrations
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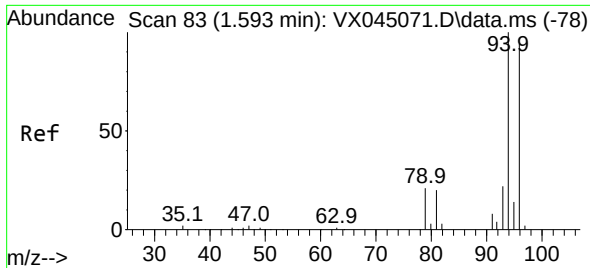
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 50.085 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

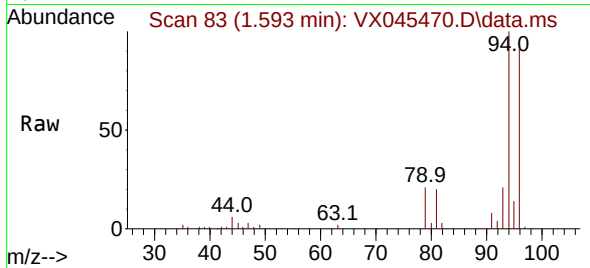
Tgt Ion: 62 Resp: 64556
Ion Ratio Lower Upper
62 100
64 30.0 24.3 36.5





#5
Bromomethane
Concen: 59.795 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

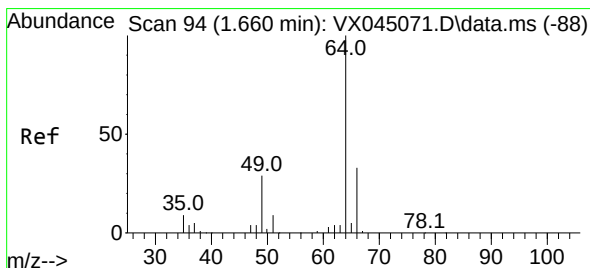
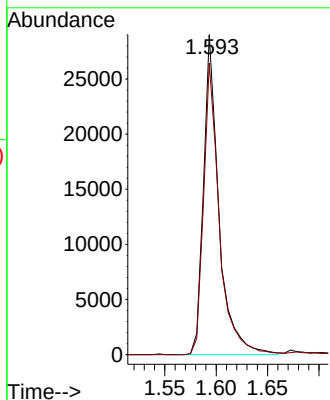
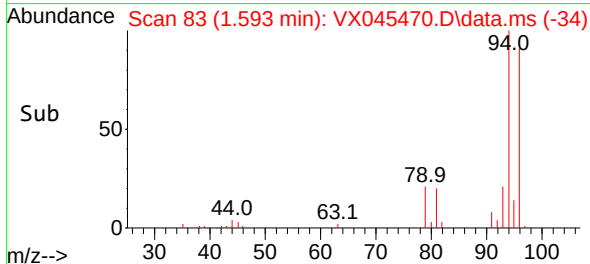
Instrument :
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Tgt Ion: 94 Resp: 30298
Ion Ratio Lower Upper
94 100
96 91.0 75.0 112.4

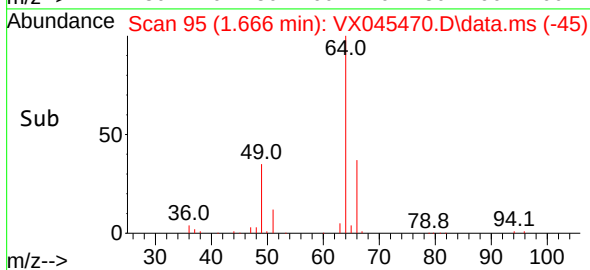
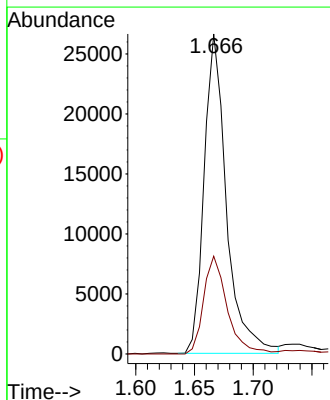
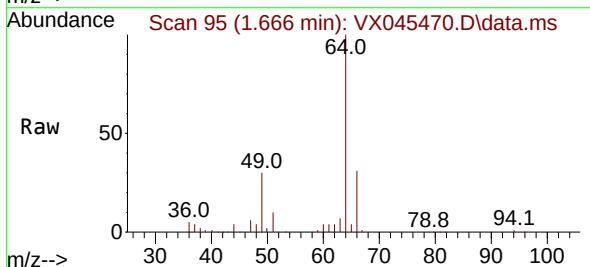
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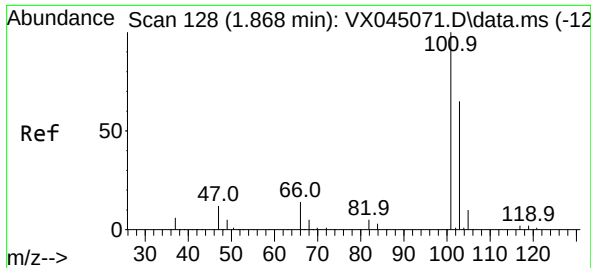
Reviewed By :John Carlone 03/28/2025
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#6
Chloroethane
Concen: 59.207 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045470.D
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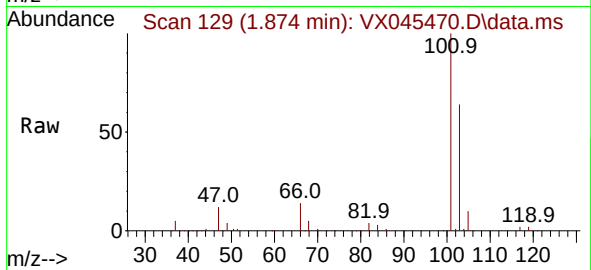
Tgt Ion: 64 Resp: 35200
Ion Ratio Lower Upper
64 100
66 30.6 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 57.834 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

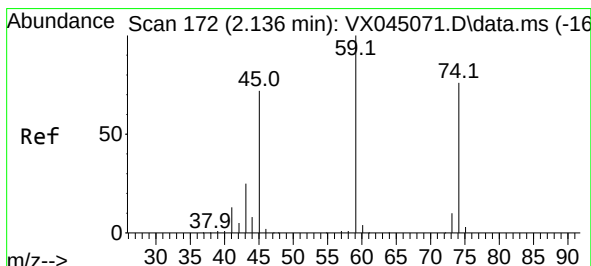
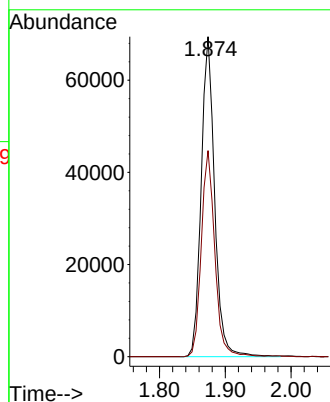
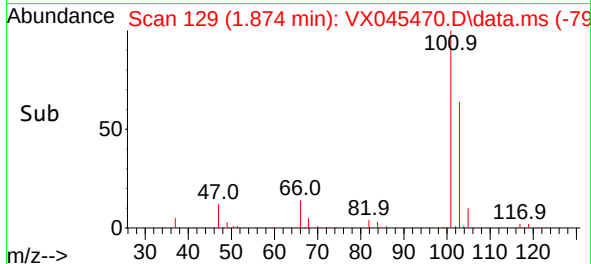
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 9868
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

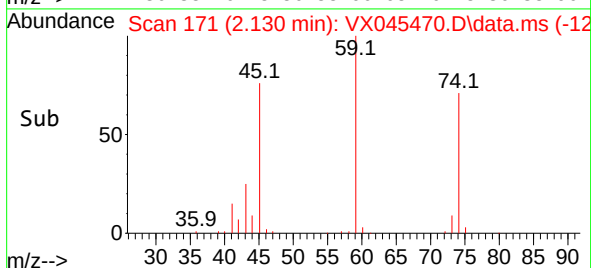
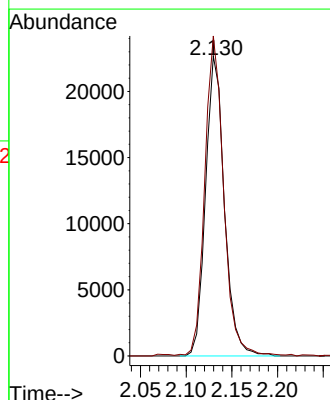
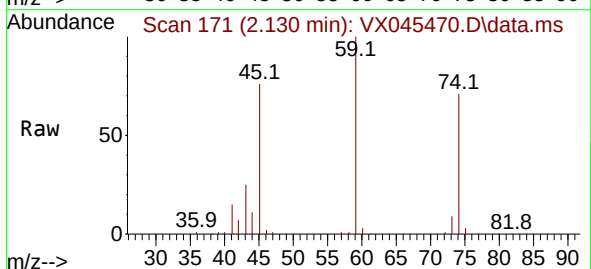
Manual Integrations
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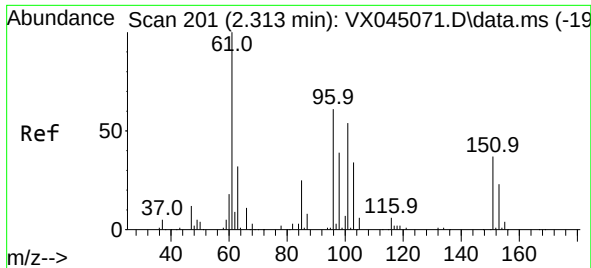
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#8
 Diethyl Ether
 Concen: 48.523 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

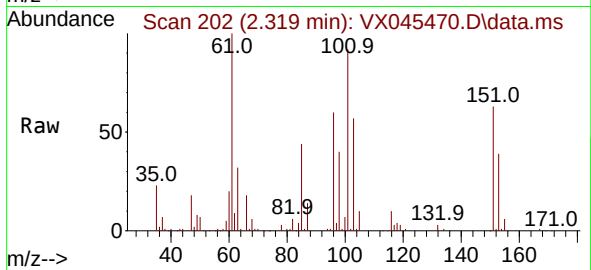
Tgt Ion: 74 Resp: 32384
 Ion Ratio Lower Upper
 74 100
 45 107.3 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 64.996 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045470.D
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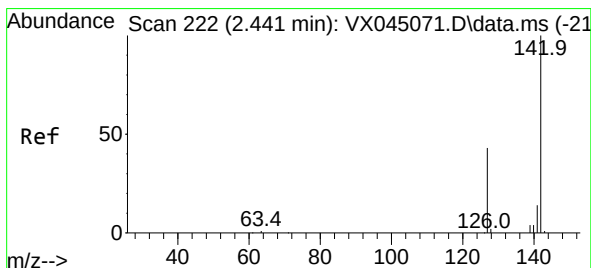
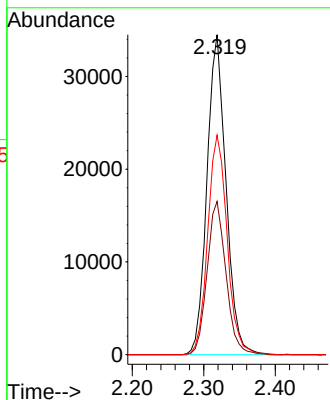
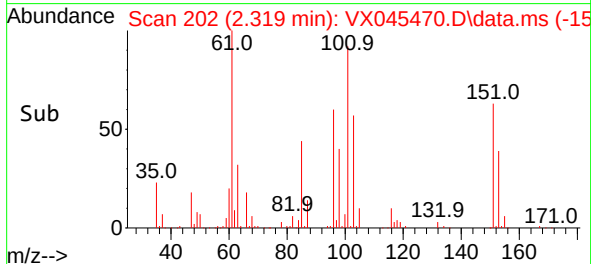
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ClientSampleId :
VSTDCCC050EC



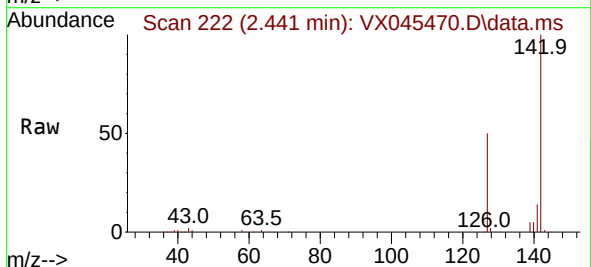
Tgt Ion:101 Resp: 63710
Ion Ratio Lower Upper
101 100
85 47.6 36.2 54.4
151 70.2 56.4 84.6

Manual Integrations
APPROVED

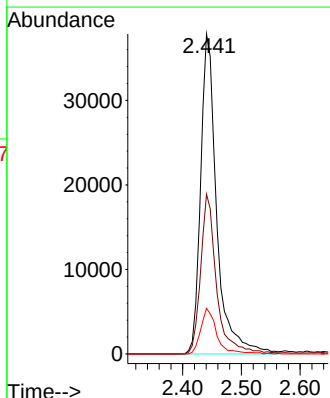
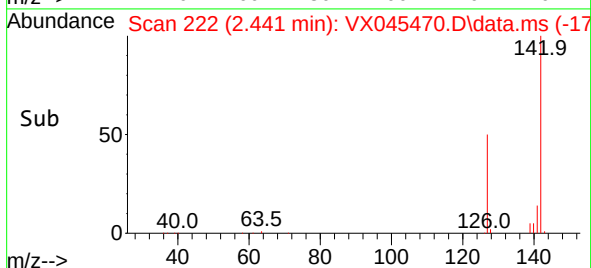
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

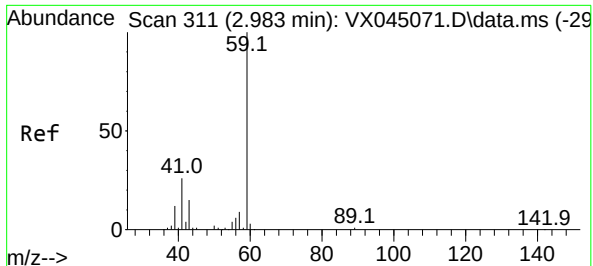


#10
Methyl Iodide
Concen: 58.957 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



Tgt Ion:142 Resp: 72226
Ion Ratio Lower Upper
142 100
127 49.6 35.4 53.2
141 14.2 11.6 17.4





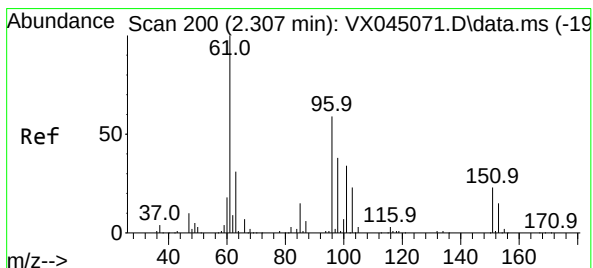
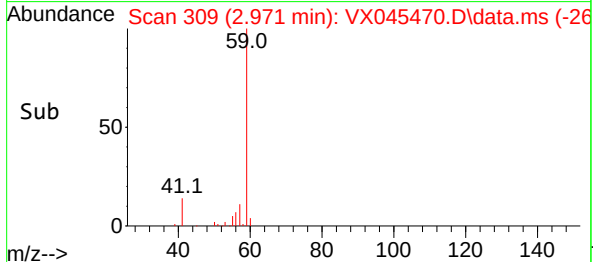
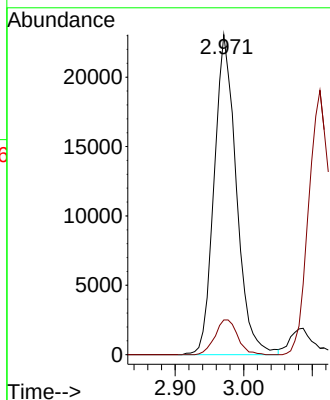
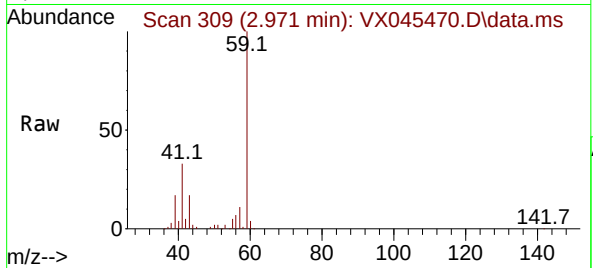
#11
Tert butyl alcohol
Concen: 204.206 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 51894
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

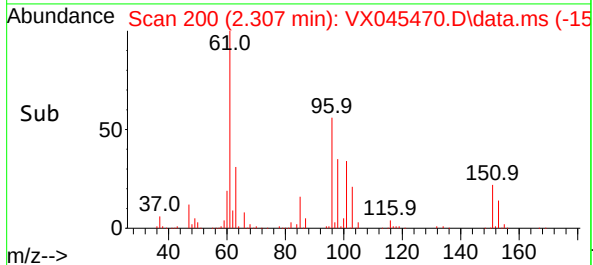
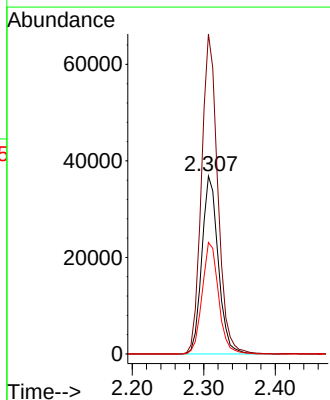
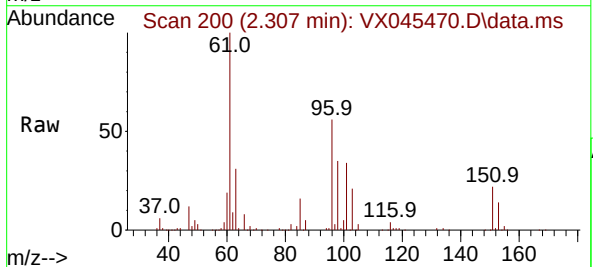
Manual Integrations
APPROVED

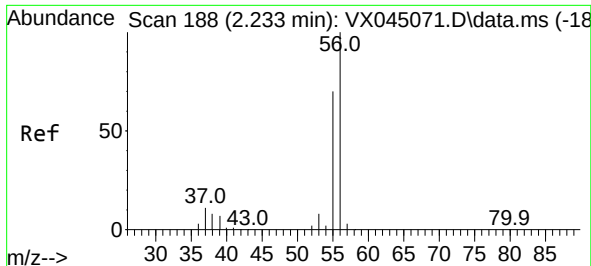
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 56.703 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

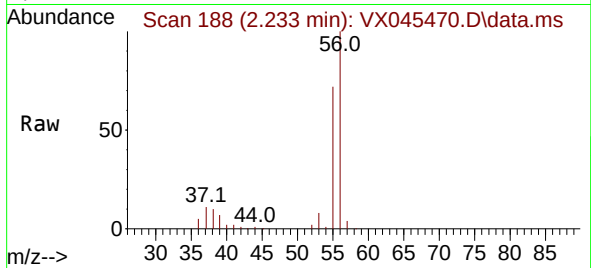
Tgt Ion: 96 Resp: 58768
Ion Ratio Lower Upper
96 100
61 179.8 134.6 202.0
98 62.7 51.0 76.6





#13
Acrolein
Concen: 280.996 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

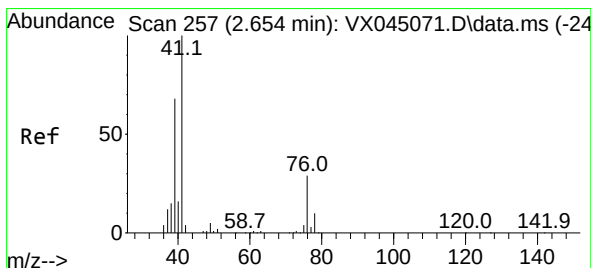
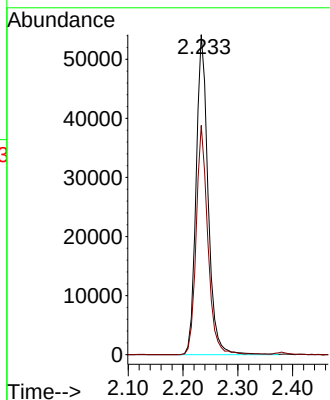
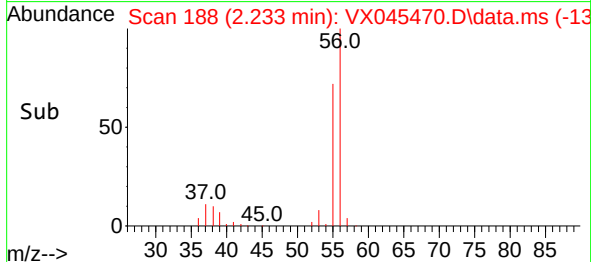
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 82540
Ion Ratio Lower Upper
56 100
55 69.7 56.2 84.4

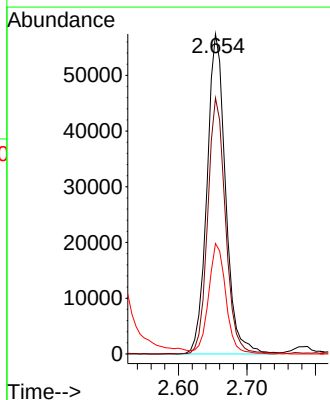
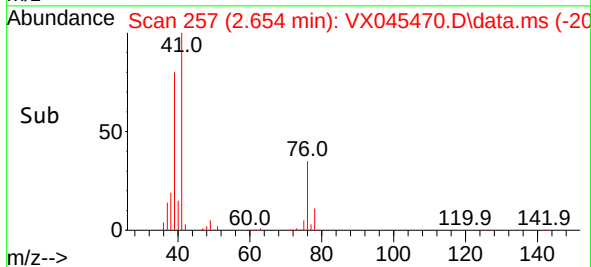
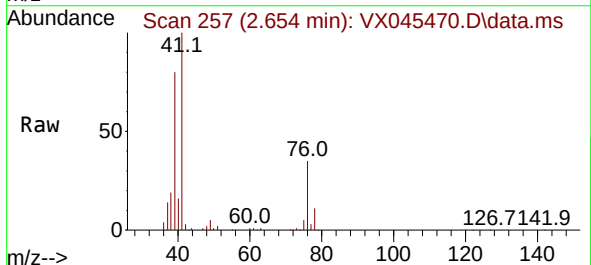
Manual Integrations
APPROVED

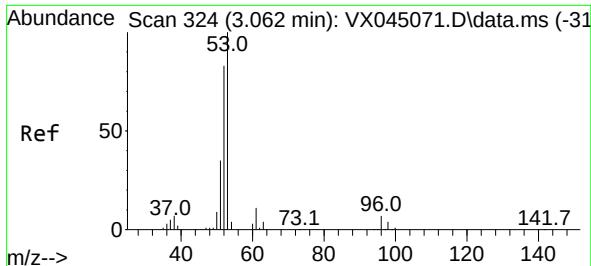
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 58.910 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 41 Resp: 108681
Ion Ratio Lower Upper
41 100
39 76.4 53.8 80.8
76 32.1 25.2 37.8





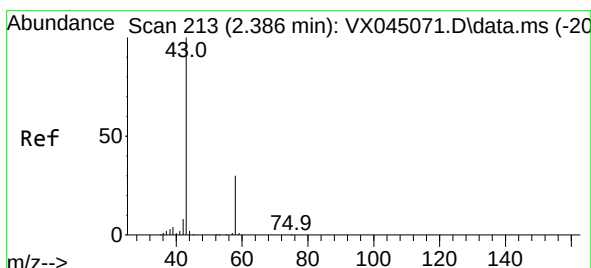
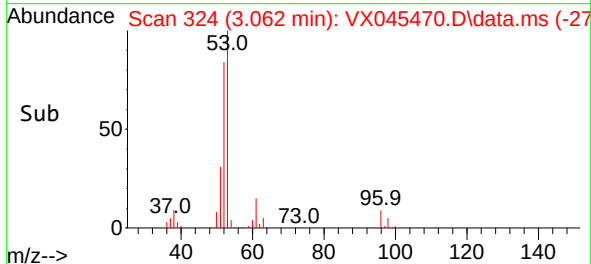
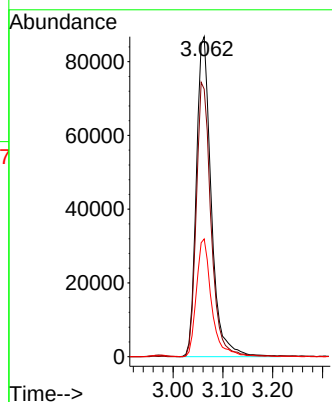
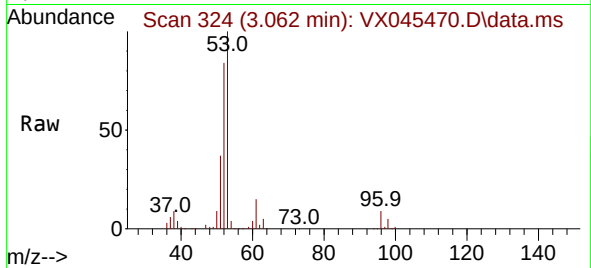
#15
Acrylonitrile
Concen: 264.982 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 180470
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 37.5 29.0 43.4

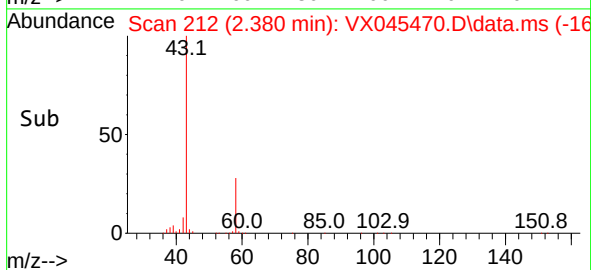
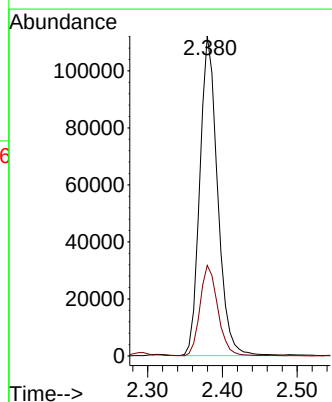
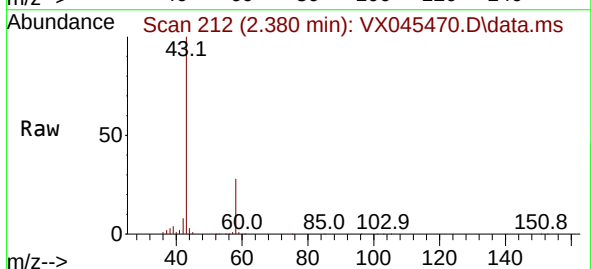
Manual Integrations
APPROVED

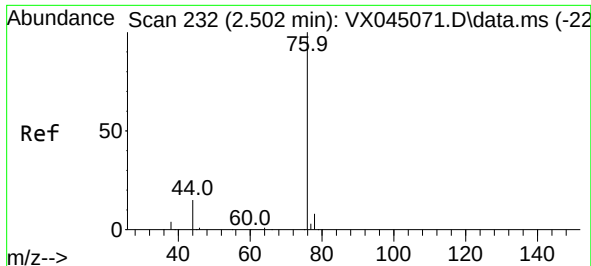
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 296.871 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

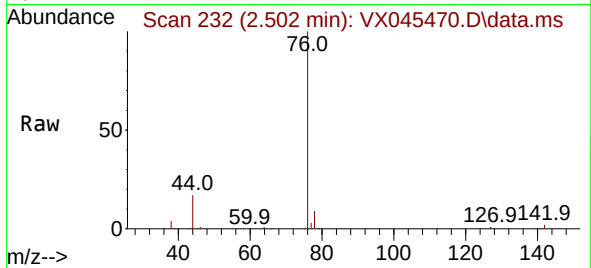
Tgt Ion: 43 Resp: 184795
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4





#17
Carbon Disulfide
Concen: 53.198 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

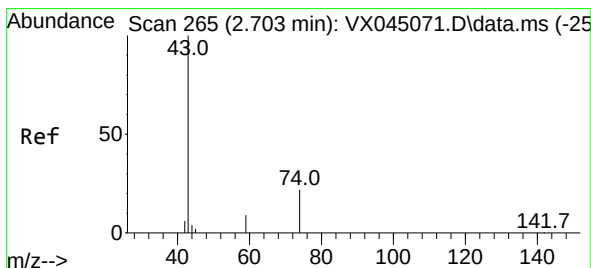
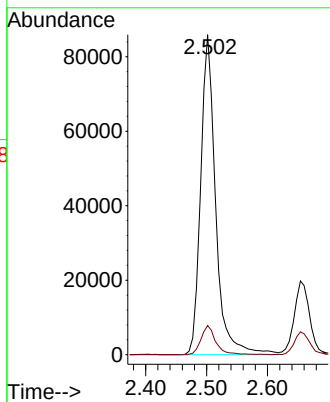
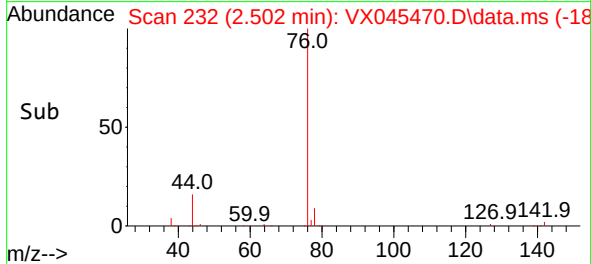
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 146850
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

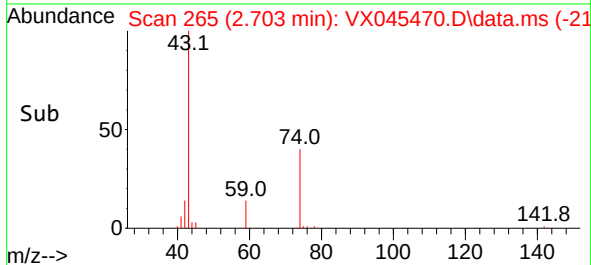
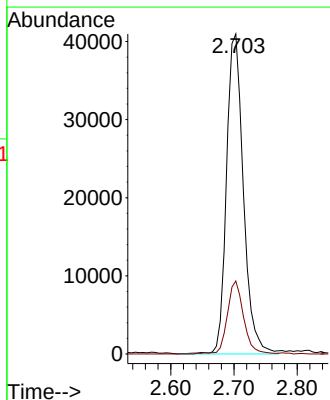
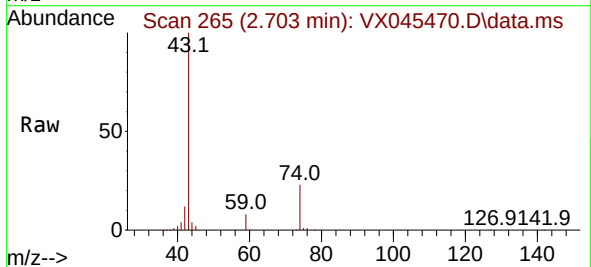
Manual Integrations
APPROVED

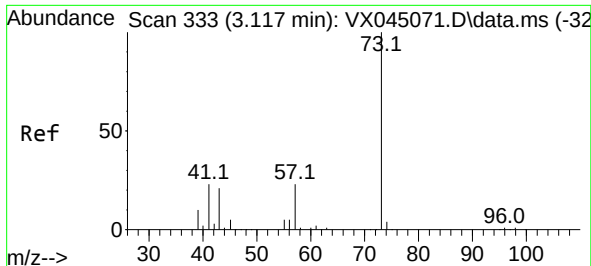
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 50.607 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 43 Resp: 75783
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





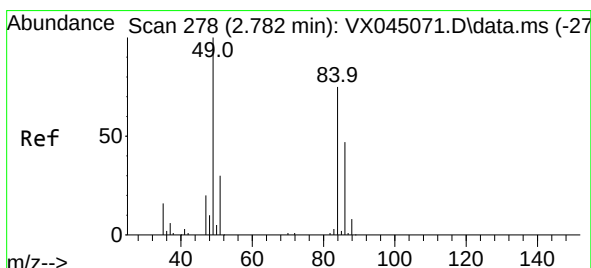
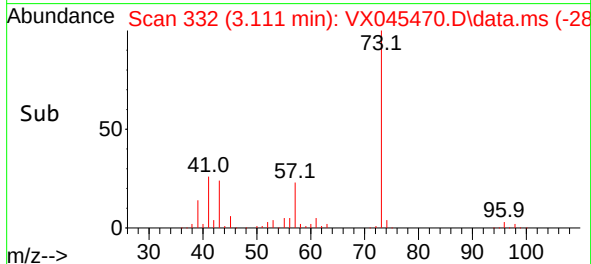
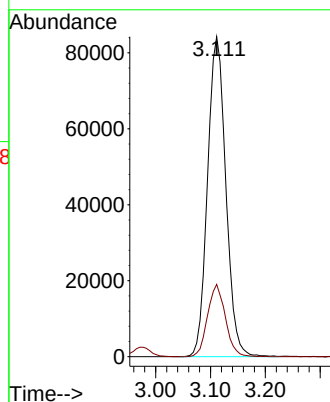
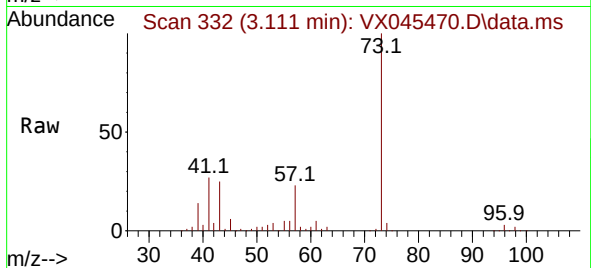
#19
Methyl tert-butyl Ether
Concen: 55.989 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 194684
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

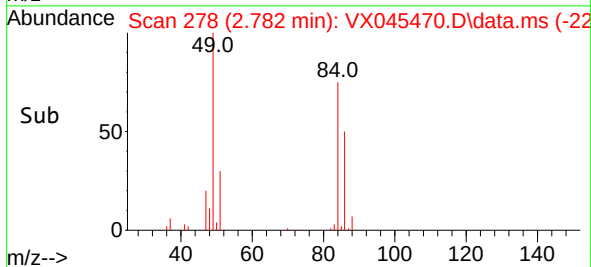
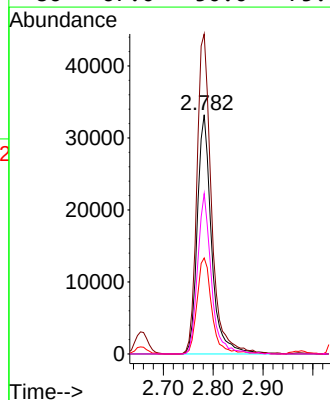
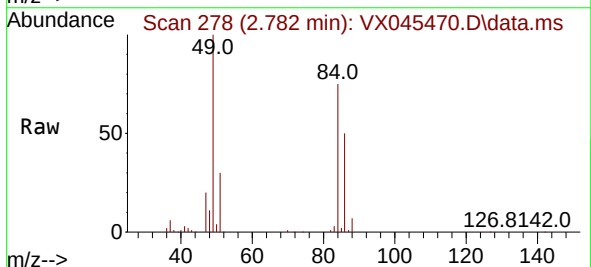
Manual Integrations
APPROVED

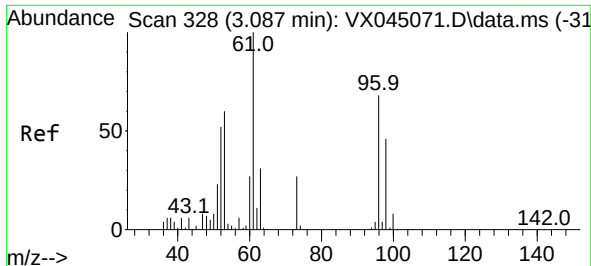
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 53.346 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

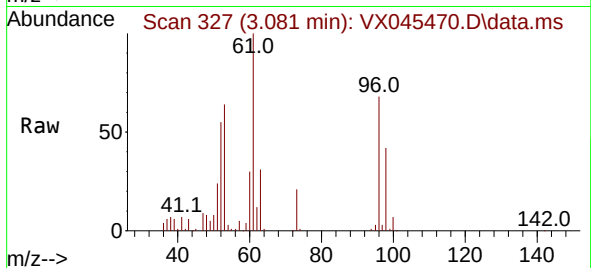
Tgt Ion: 84 Resp: 65778
Ion Ratio Lower Upper
84 100
49 133.8 106.5 159.7
51 40.1 32.1 48.1
86 67.0 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 57.147 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

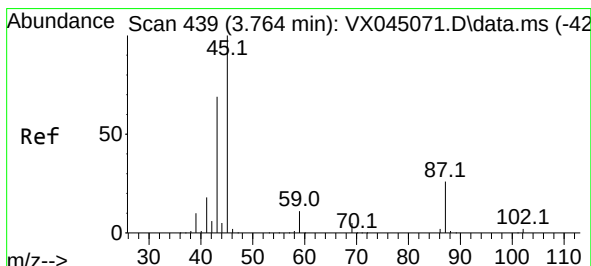
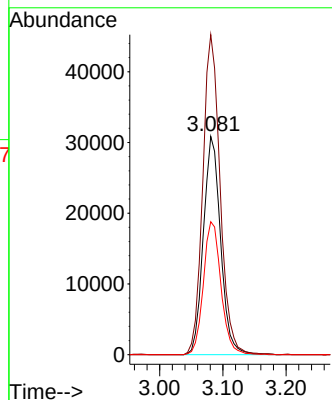
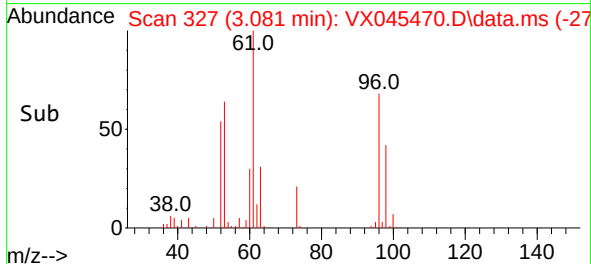
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 58514
Ion Ratio Lower Upper
96 100
61 146.6 117.0 175.4
98 61.0 53.4 80.2

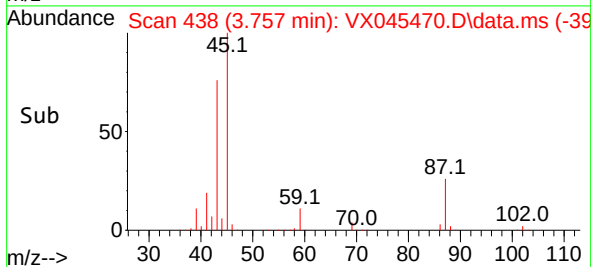
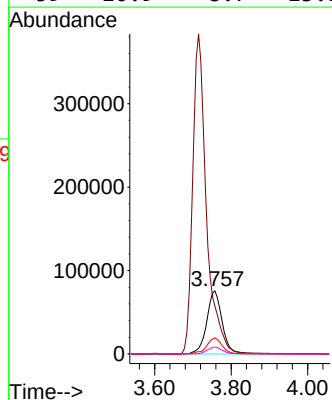
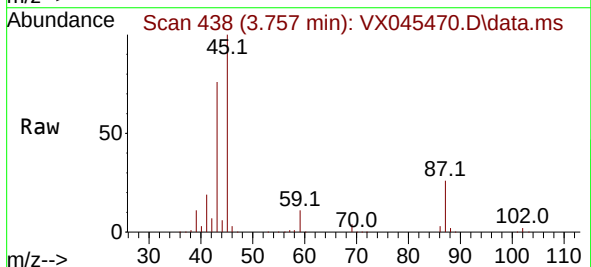
Manual Integrations
APPROVED

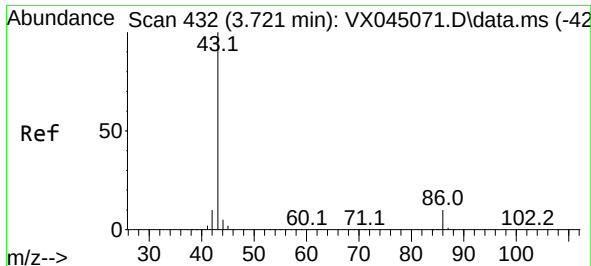
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 56.422 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 45 Resp: 211696
Ion Ratio Lower Upper
45 100
43 75.4 54.9 82.3
87 25.6 21.0 31.4
59 10.9 8.7 13.1





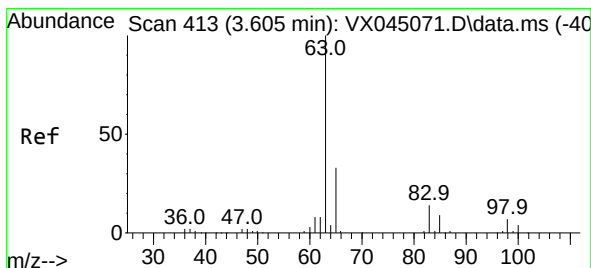
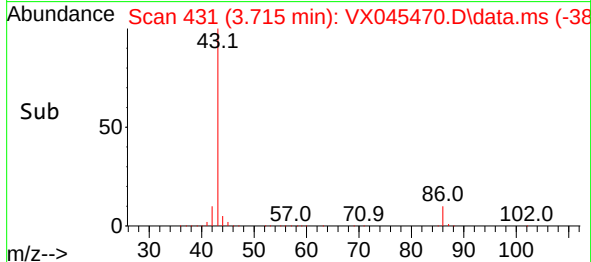
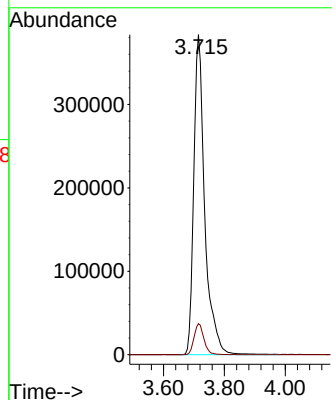
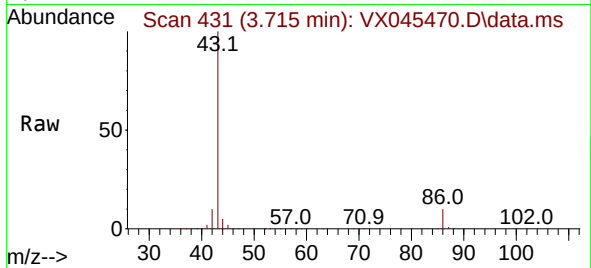
#23
 Vinyl Acetate
 Concen: 306.481 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 95962
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

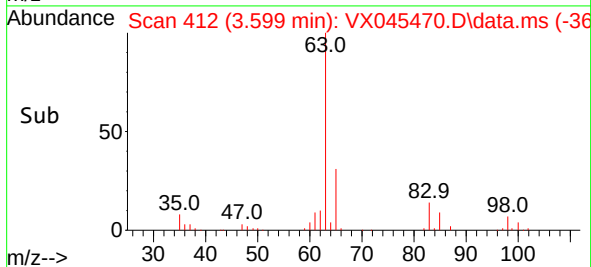
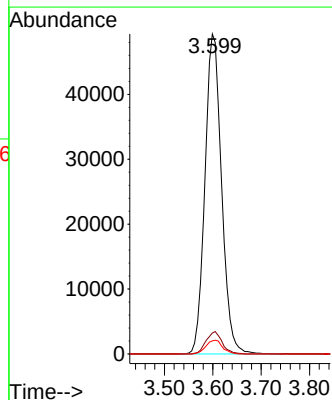
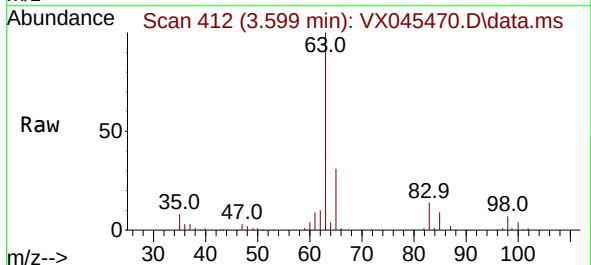
Manual Integrations
 APPROVED

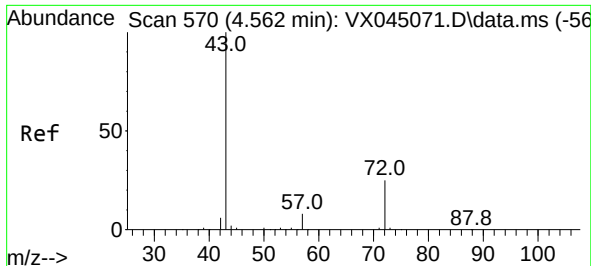
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#24
 1,1-Dichloroethane
 Concen: 55.973 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

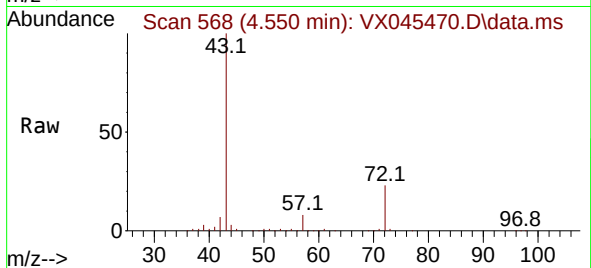
Tgt Ion: 63 Resp: 117697
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 279.291 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

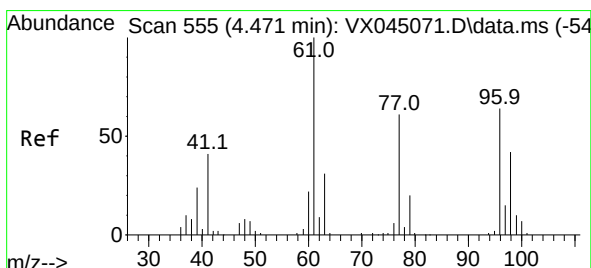
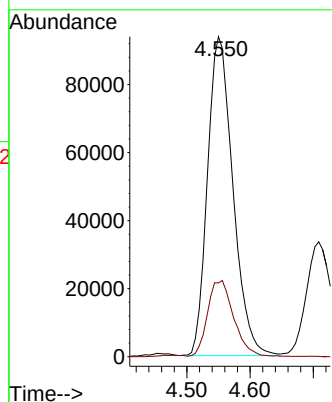
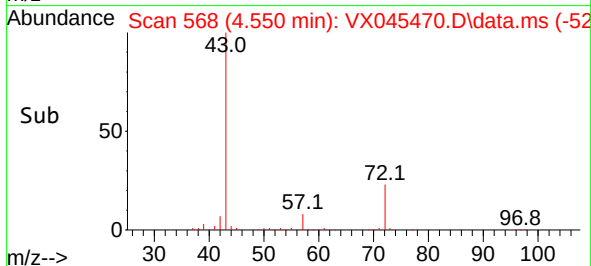
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 261690
Ion Ratio Lower Upper
43 100
72 23.0 20.0 30.0

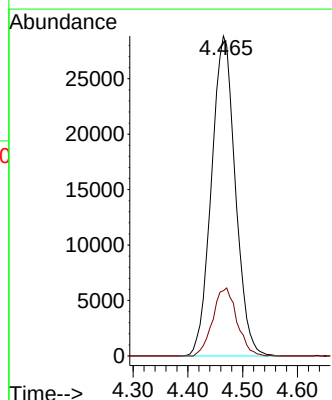
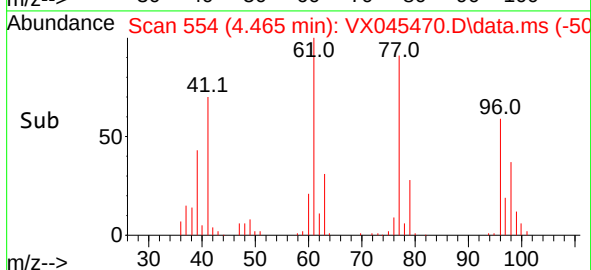
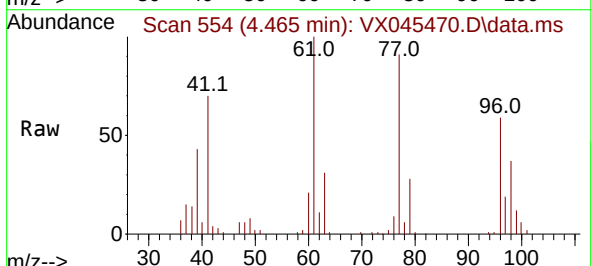
Manual Integrations
APPROVED

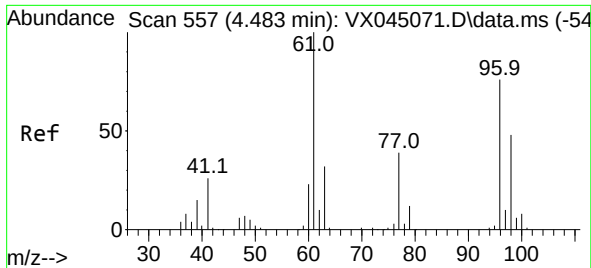
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 88.603 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 77 Resp: 87389
Ion Ratio Lower Upper
77 100
97 21.5 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 55.363 ug/l

RT: 4.477 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 69978

Ion Ratio Lower Upper

96 100

61 156.9 0.0 283.2

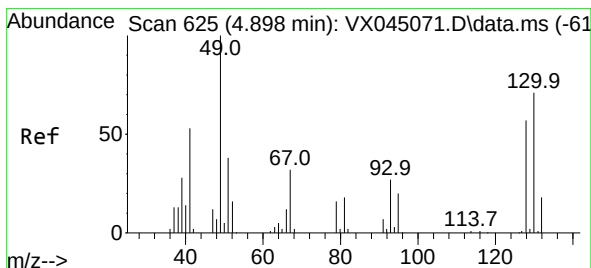
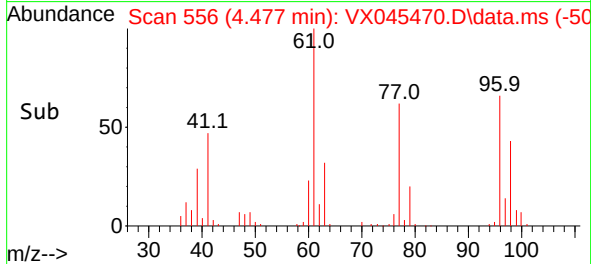
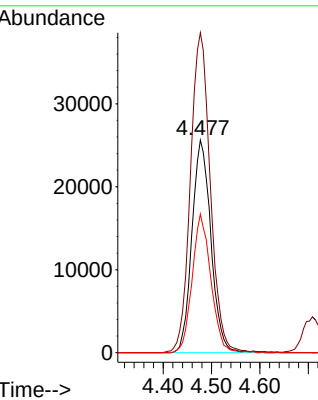
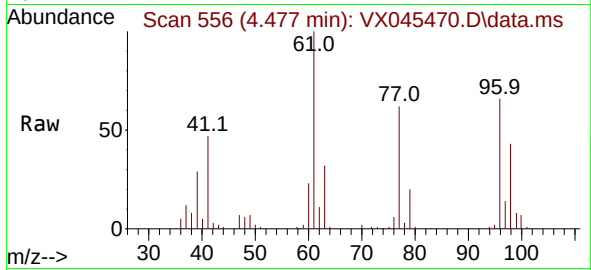
98 63.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#28

Bromochloromethane

Concen: 50.597 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

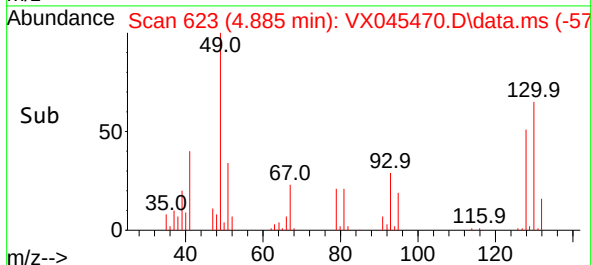
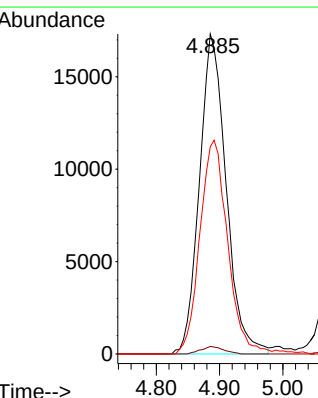
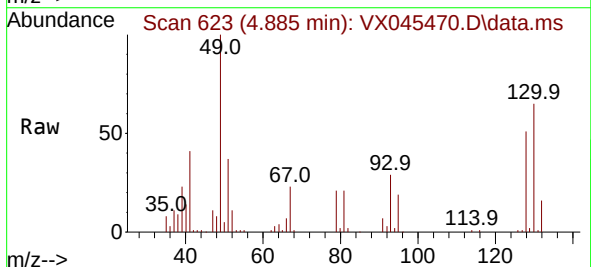
Tgt Ion: 49 Resp: 50712

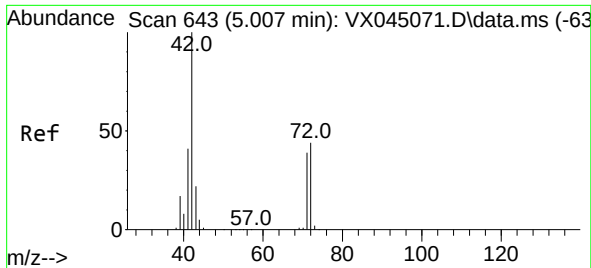
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

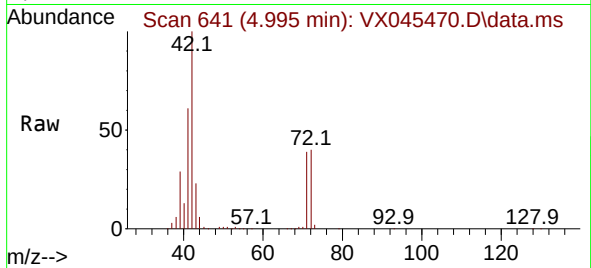
130 69.2 56.1 84.1





#29
Tetrahydrofuran
Concen: 257.649 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.012 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

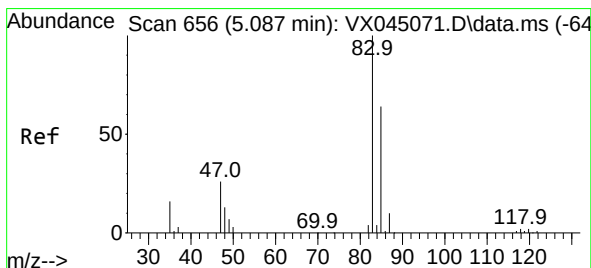
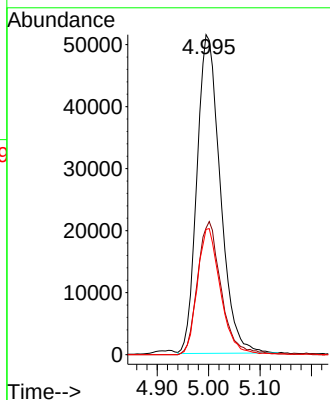
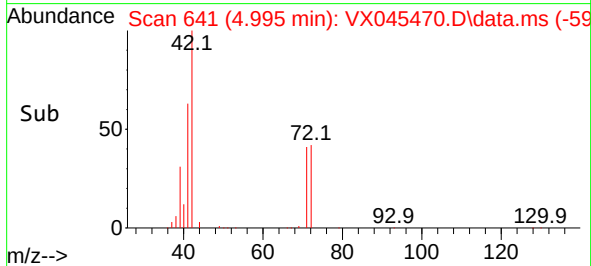
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 162120
Ion Ratio Lower Upper
42 100
72 42.4 34.1 51.1
71 39.4 31.4 47.0

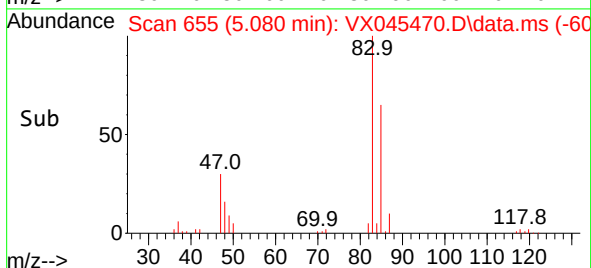
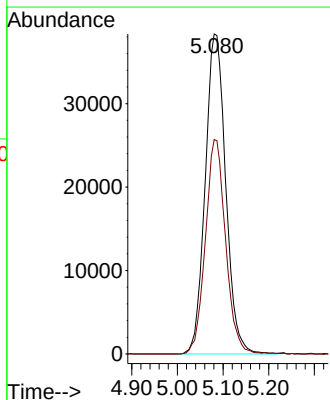
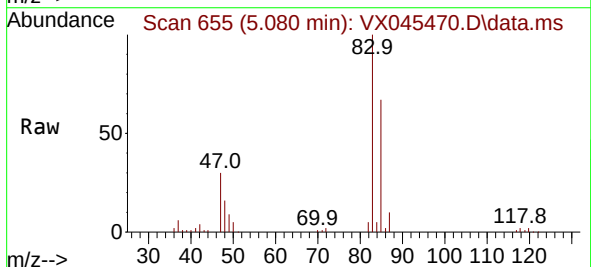
Manual Integrations
APPROVED

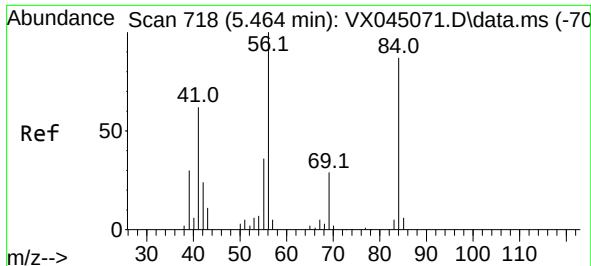
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#30
Chloroform
Concen: 57.224 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

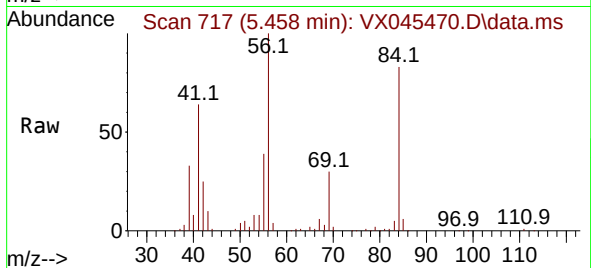
Tgt Ion: 83 Resp: 119560
Ion Ratio Lower Upper
83 100
85 67.0 51.4 77.2





#31
Cyclohexane
Concen: 58.253 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

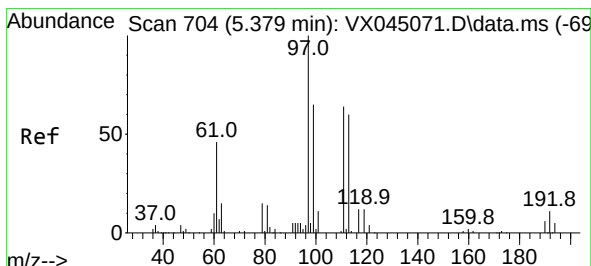
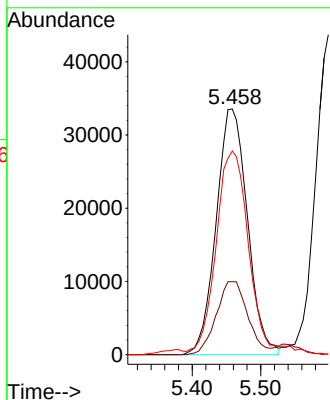
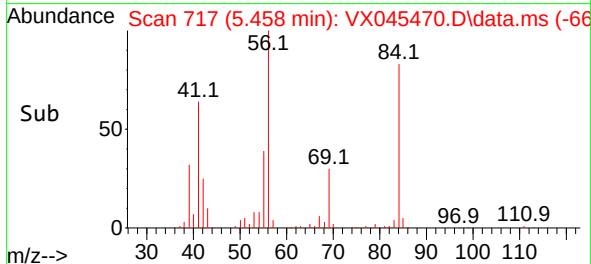
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 106330
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 80.7 69.4 104.2

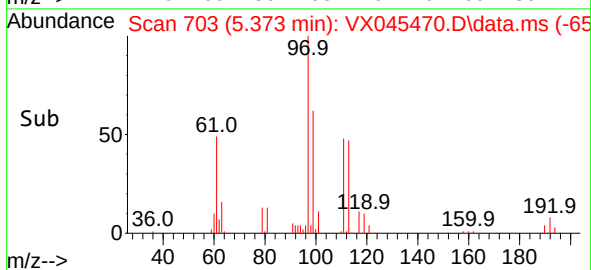
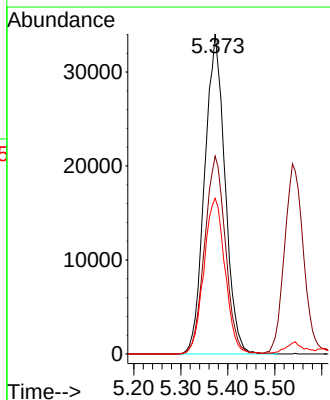
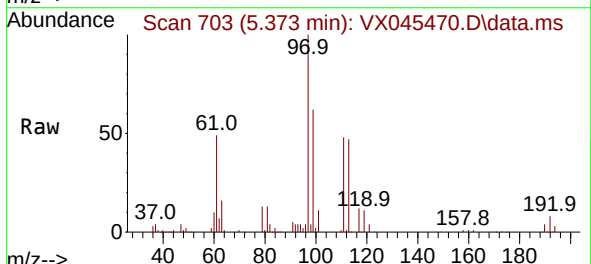
Manual Integrations
APPROVED

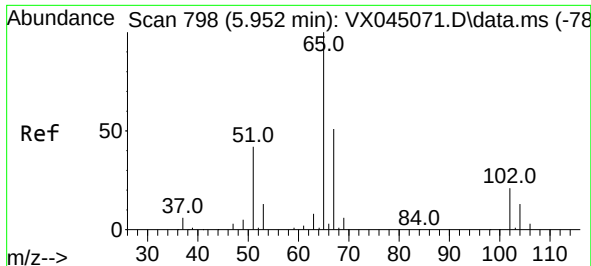
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 60.650 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 97 Resp: 102345
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 50.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 49.135 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6592

Ion Ratio Lower Upper

65 100

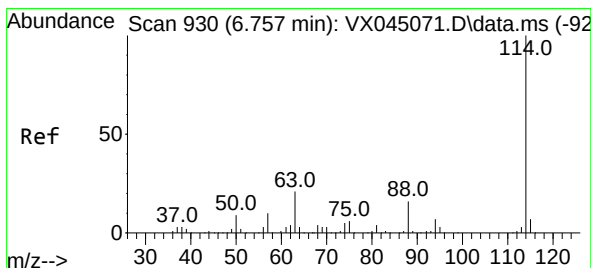
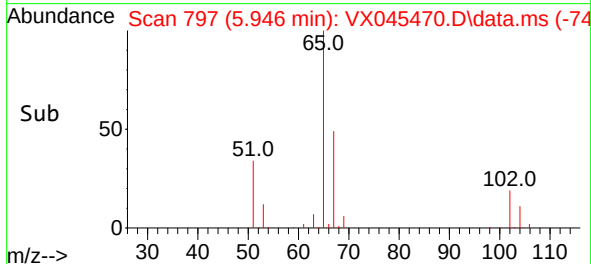
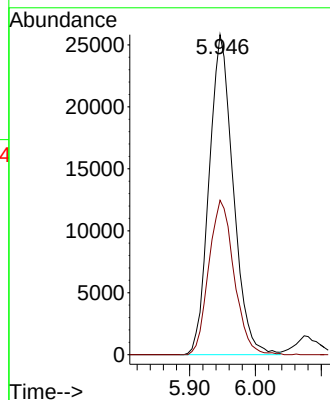
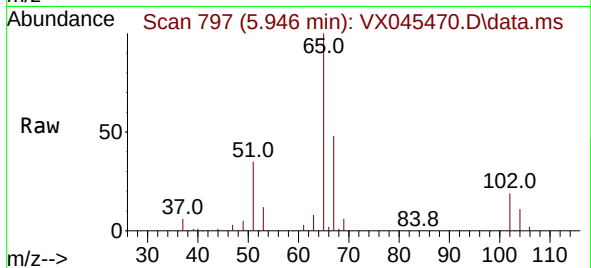
67 50.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

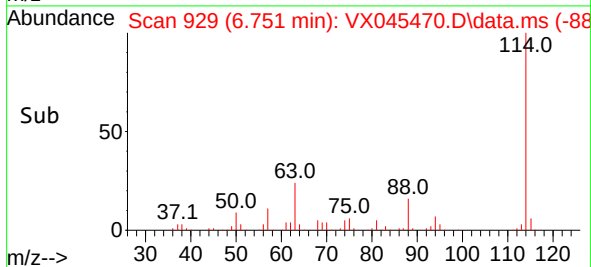
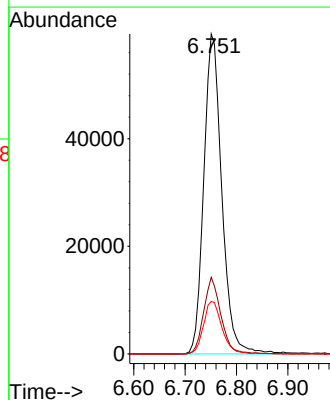
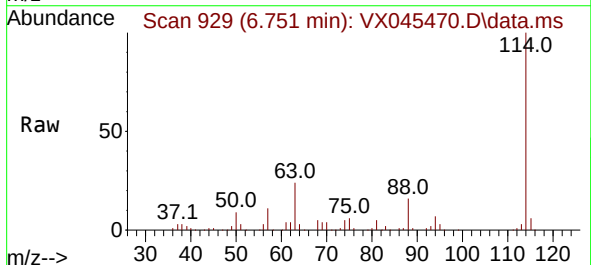
Tgt Ion:114 Resp: 144626

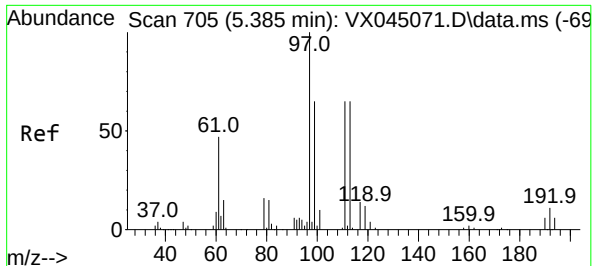
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

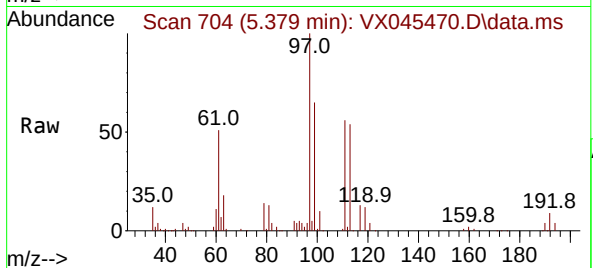
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.029 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

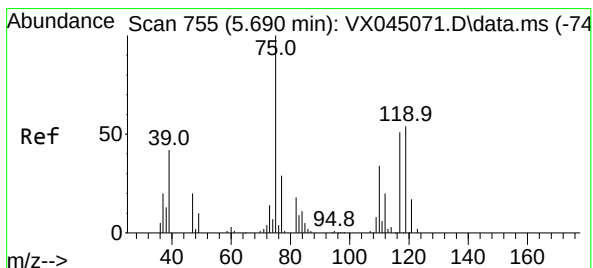
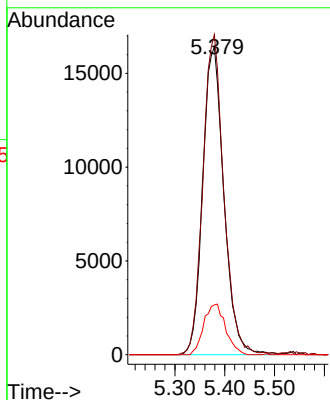
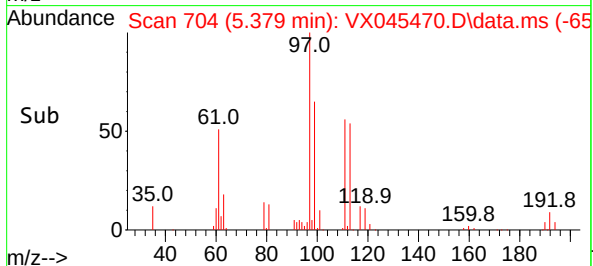
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 4838
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.9 14.3 21.5

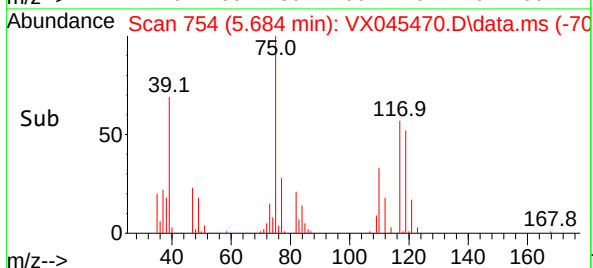
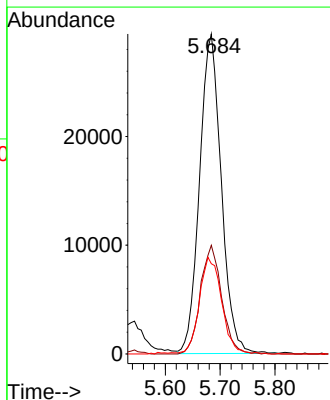
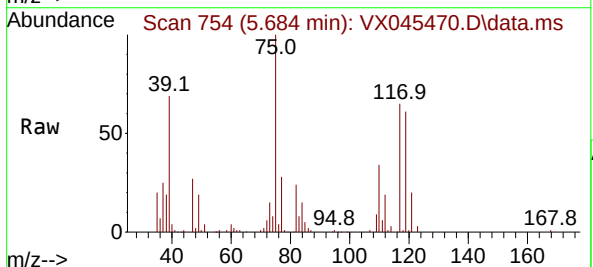
Manual Integrations
APPROVED

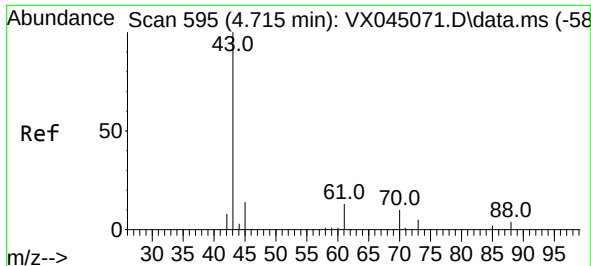
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 60.949 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 75 Resp: 80834
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.6
77 30.2 24.5 36.7





#37

Ethyl Acetate

Concen: 57.775 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

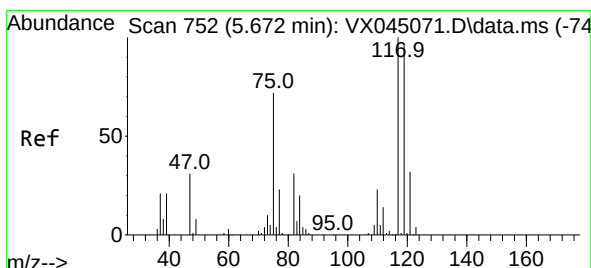
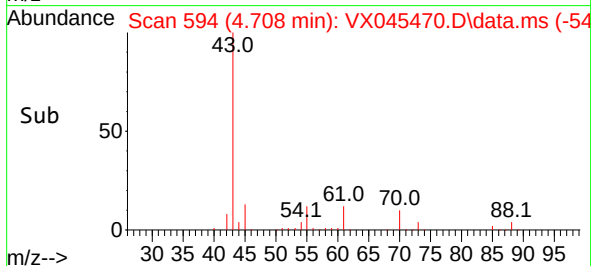
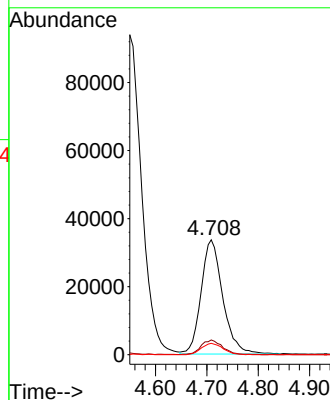
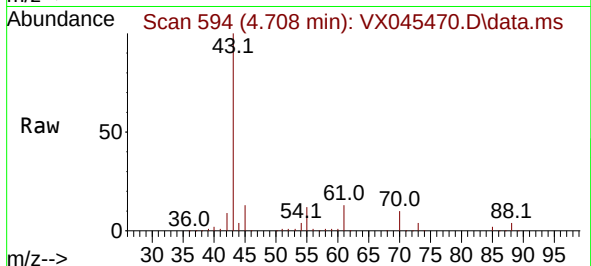
Tgt Ion: 43	Resp: 9873
Ion Ratio	Lower Upper
43 100	
61 12.9	10.8 16.2
70 9.7	7.7 11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 64.575 ug/l

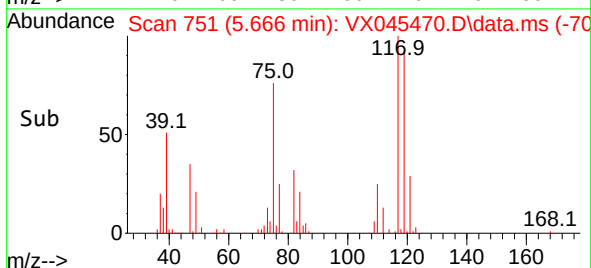
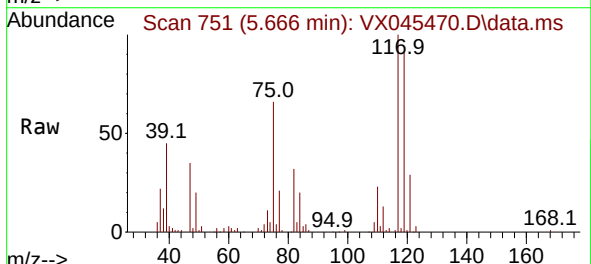
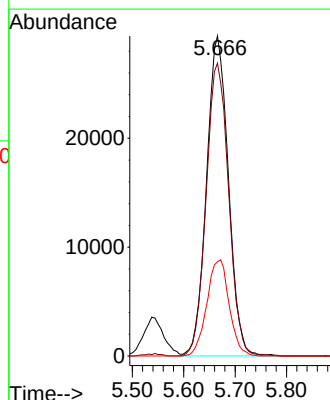
RT: 5.666 min Scan# 751

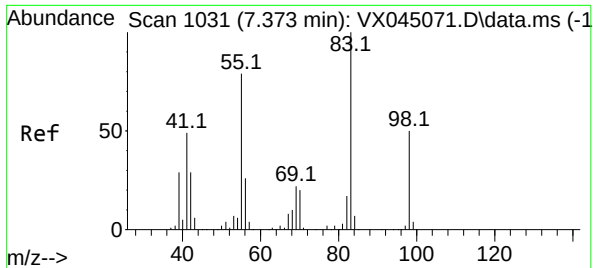
Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Tgt Ion:117	Resp: 86948
Ion Ratio	Lower Upper
117 100	
119 91.5	76.7 115.1
121 29.5	25.5 38.3





#39

Methylcyclohexane

Concen: 67.014 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 106490

Ion Ratio Lower Upper

83 100

55 79.5 63.0 94.4

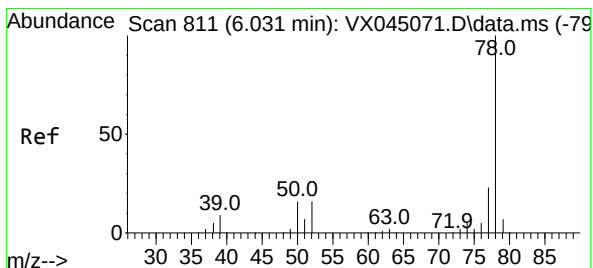
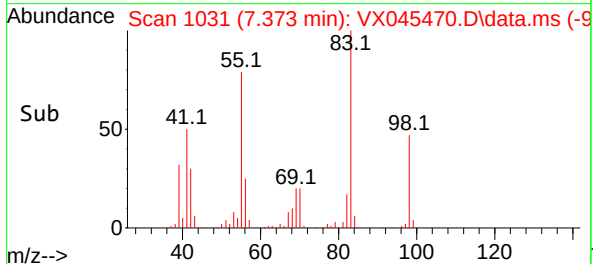
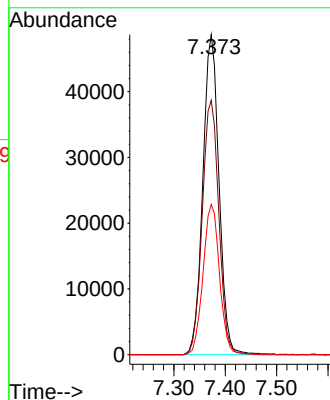
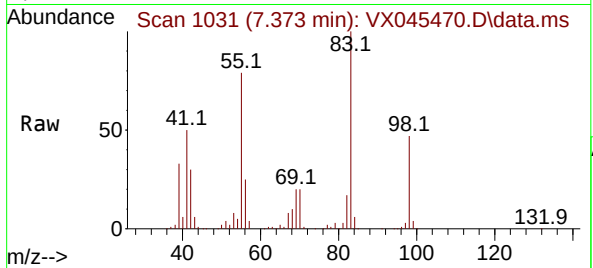
98 46.9 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 58.506 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045470.D

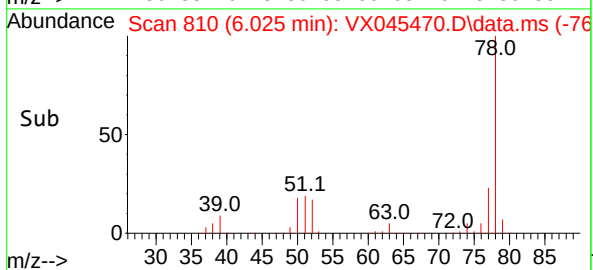
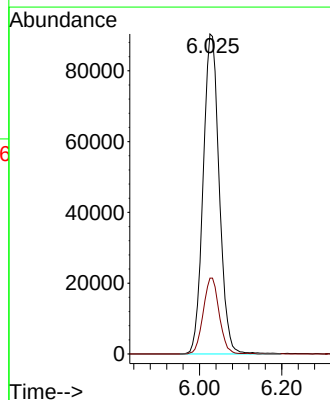
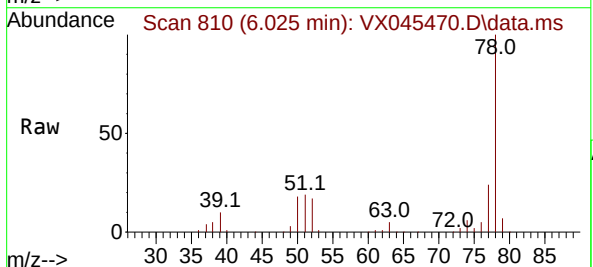
Acq: 26 Mar 2025 15:35

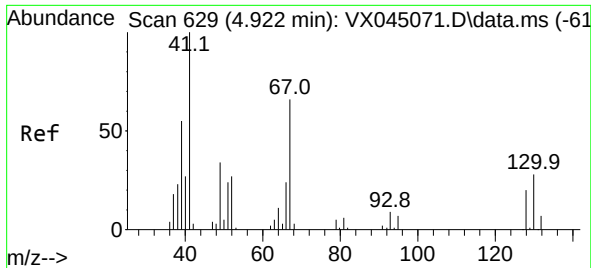
Tgt Ion: 78 Resp: 245023

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 60.156 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

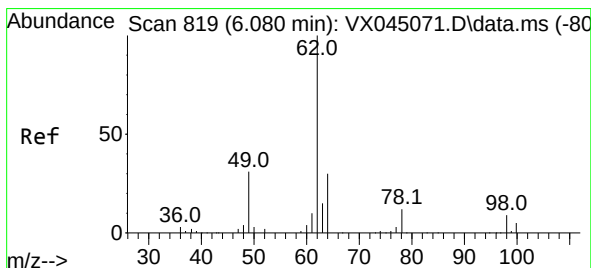
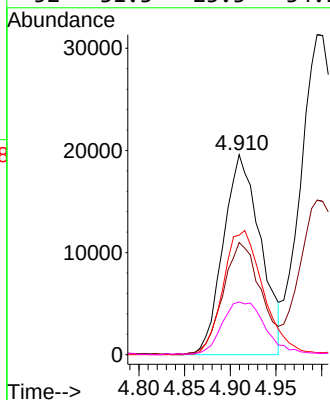
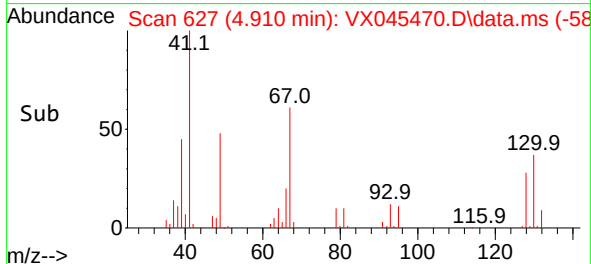
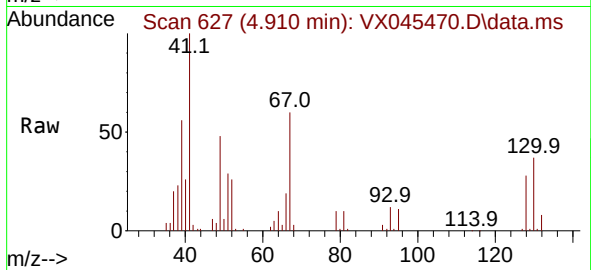
VSTDCCC050EC

Tgt Ion: 41 Resp: 5558
Ion Ratio Lower Upper
41 100
39 57.3 44.6 67.0
67 67.6 53.9 80.9
52 31.3 23.3 34.9

Manual Integrations

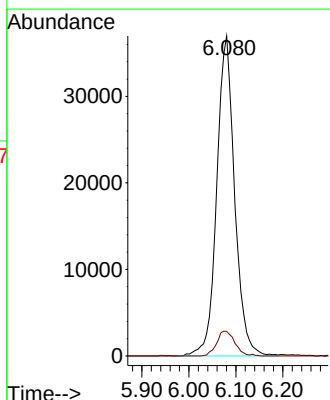
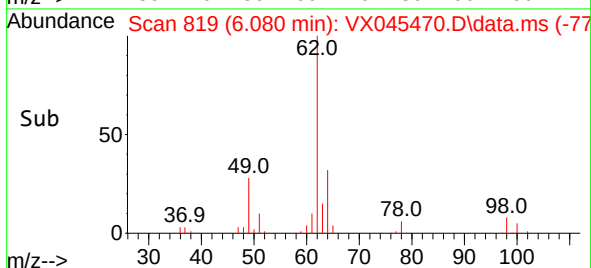
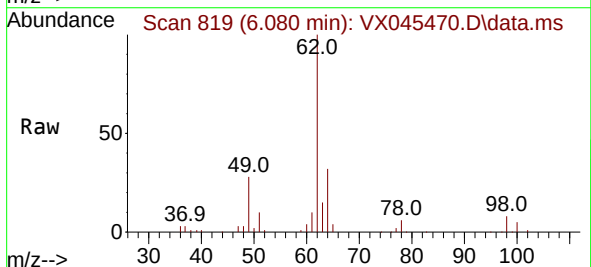
APPROVED

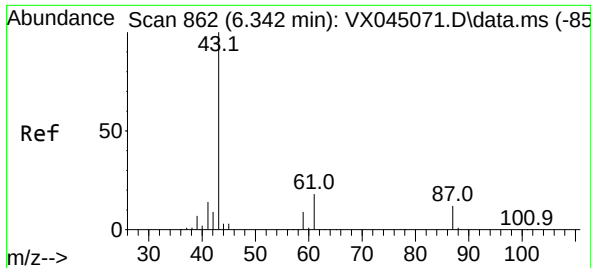
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 65.005 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

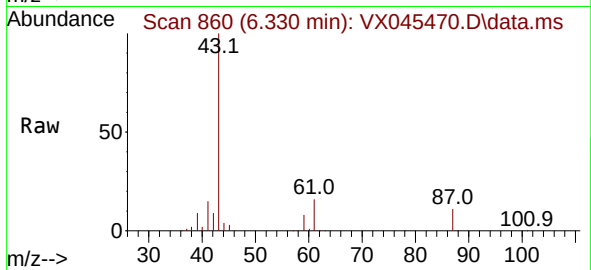
Tgt Ion: 62 Resp: 98034
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 61.276 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

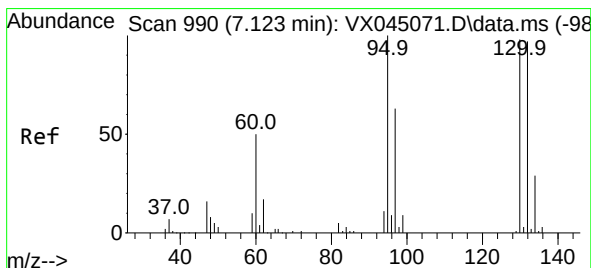
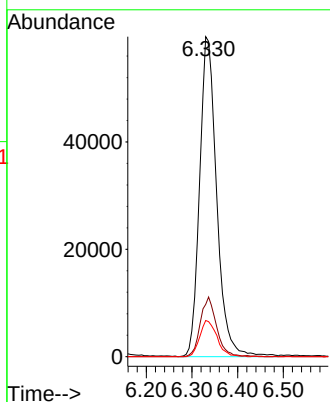
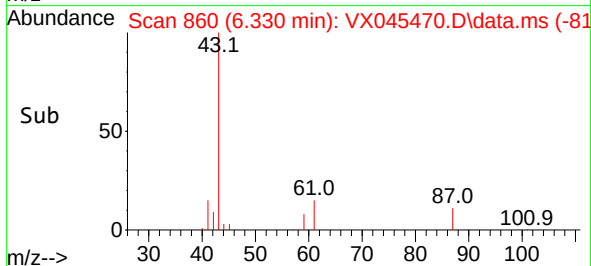
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15484
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
87 11.4 9.4 14.2

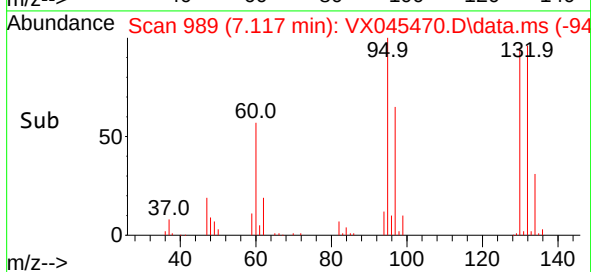
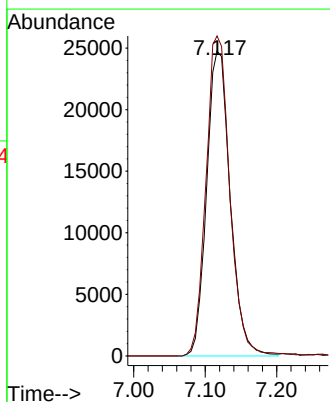
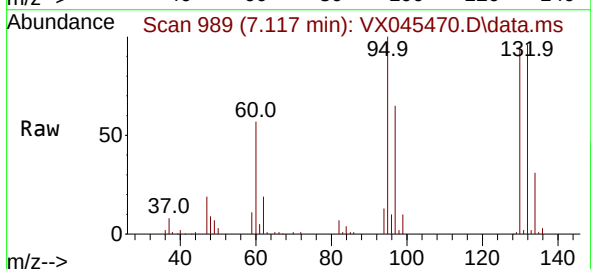
Manual Integrations
APPROVED

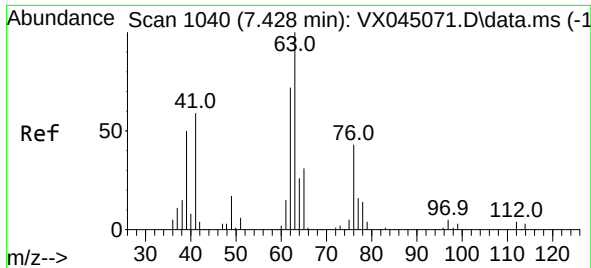
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 57.714 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion:130 Resp: 56755
Ion Ratio Lower Upper
130 100
95 105.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 57.950 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6239

Ion Ratio Lower Upper

63 100

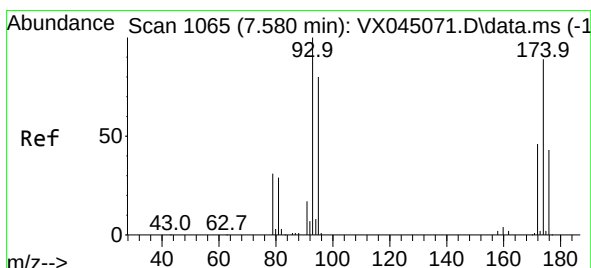
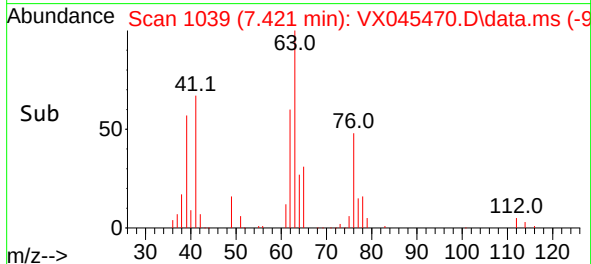
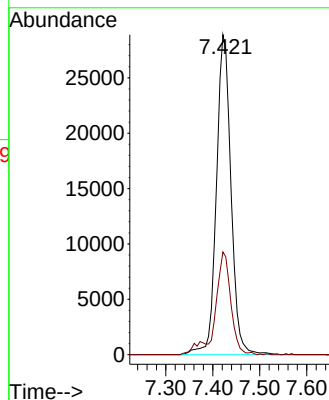
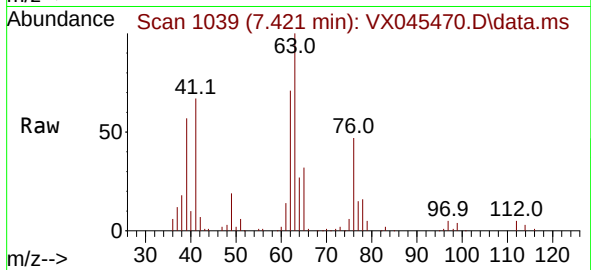
65 32.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#46

Dibromomethane

Concen: 60.735 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

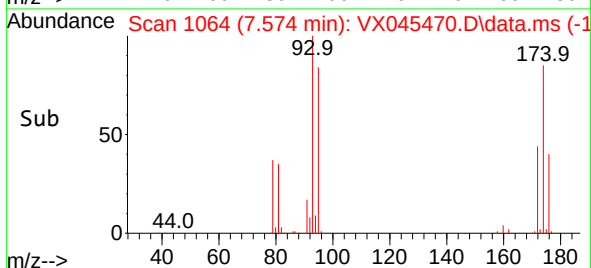
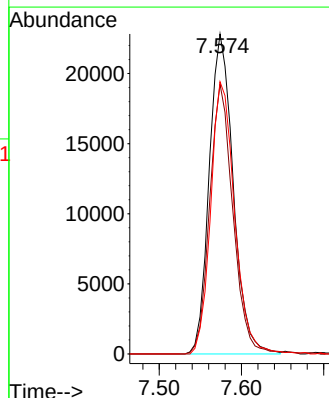
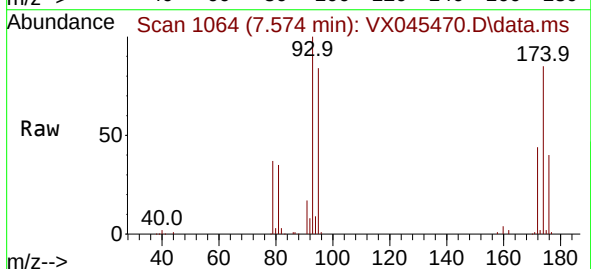
Tgt Ion: 93 Resp: 46224

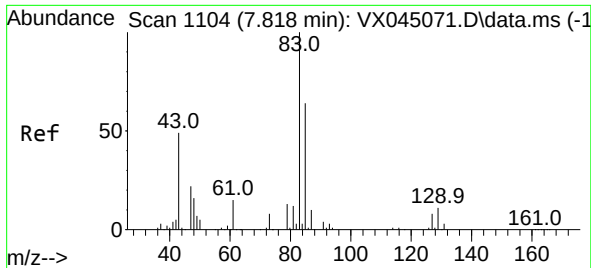
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 84.9 72.2 108.2





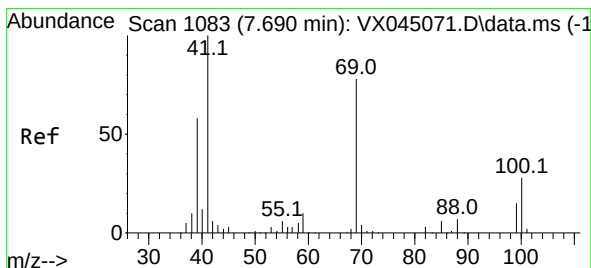
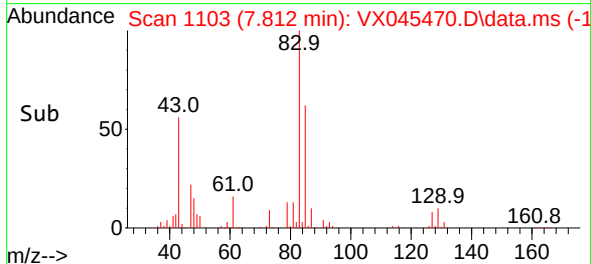
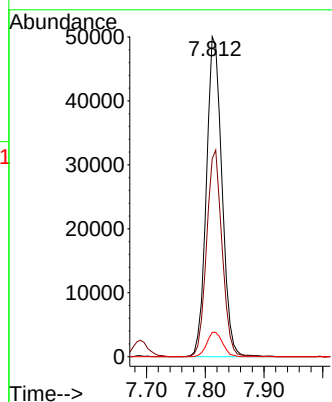
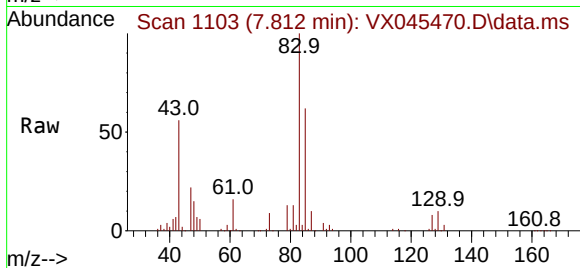
#47
Bromodichloromethane
Concen: 61.857 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9234
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 7.6 6.4 9.6

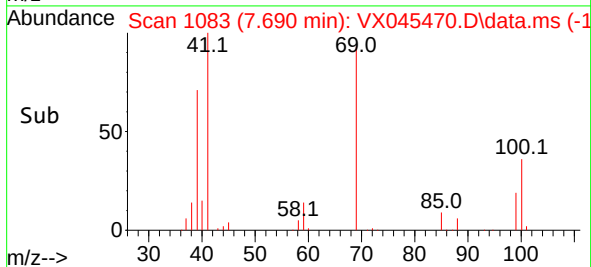
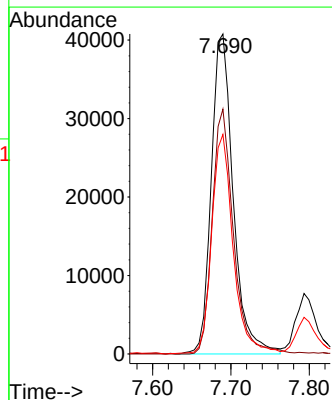
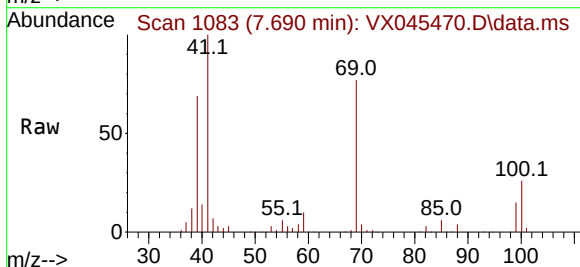
Manual Integrations
APPROVED

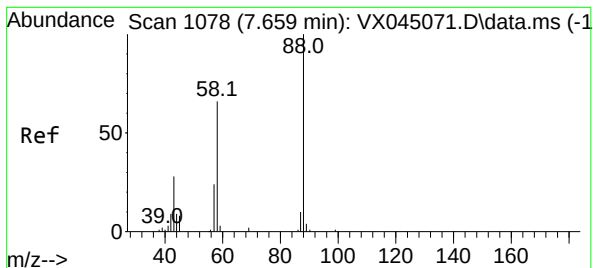
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 62.623 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 41 Resp: 79394
Ion Ratio Lower Upper
41 100
69 74.2 63.0 94.6
39 67.3 47.5 71.3





#49

1,4-Dioxane

Concen: 929.442 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 24850

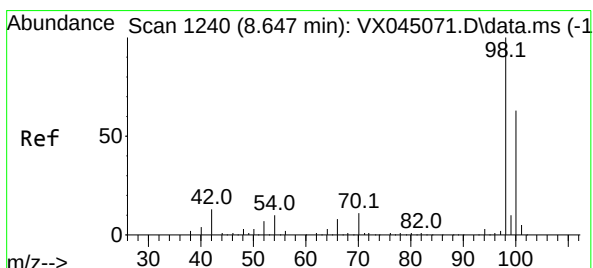
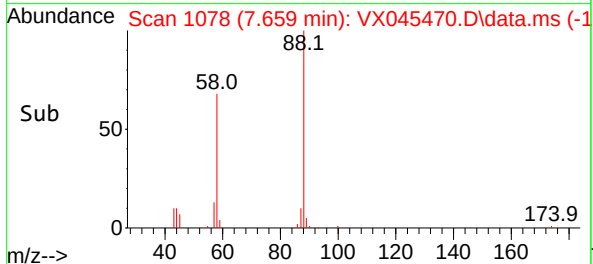
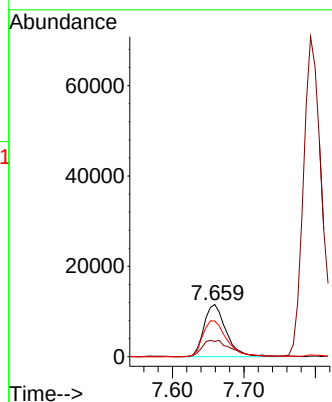
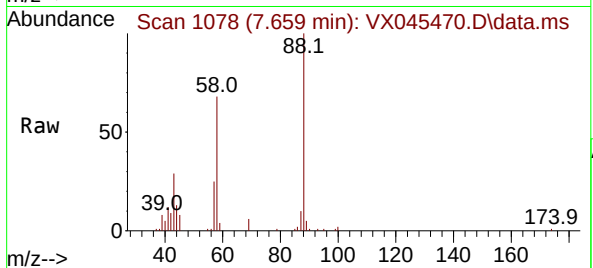
Ion	Ratio	Lower	Upper
88	100		
43	41.3	28.7	43.1
58	74.5	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 46.211 ug/l

RT: 8.641 min Scan# 1239

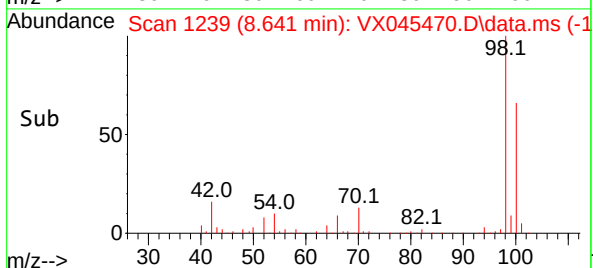
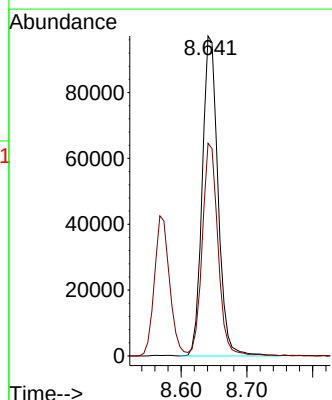
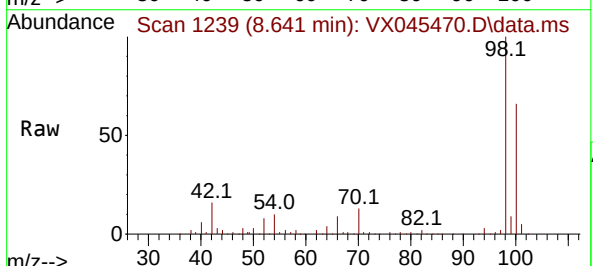
Delta R.T. -0.006 min

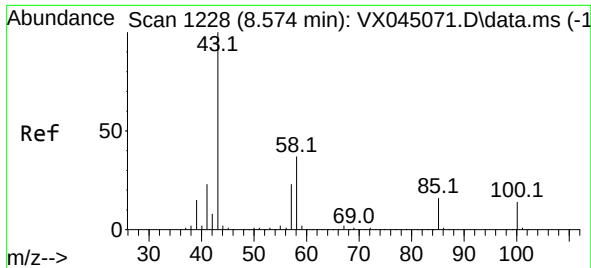
Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Tgt Ion: 98 Resp: 162016

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 295.634 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

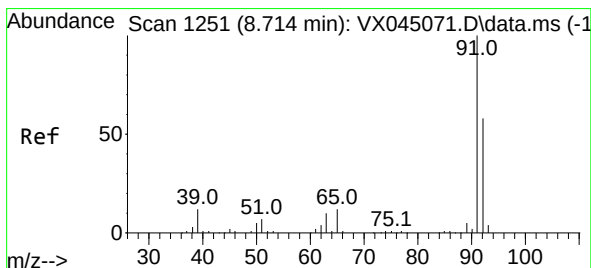
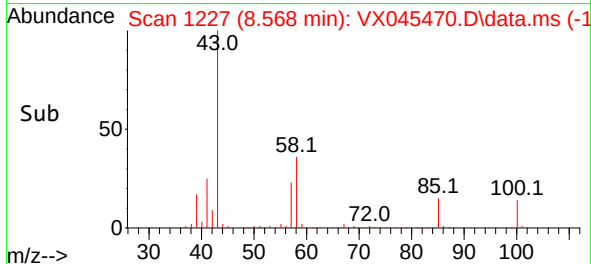
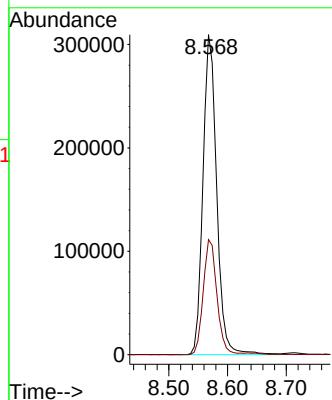
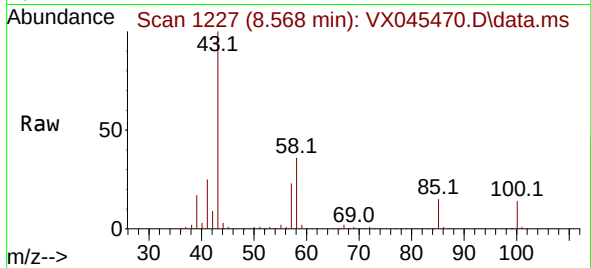
VSTDCCC050EC

Tgt Ion: 43 Resp: 501629
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8

Manual Integrations

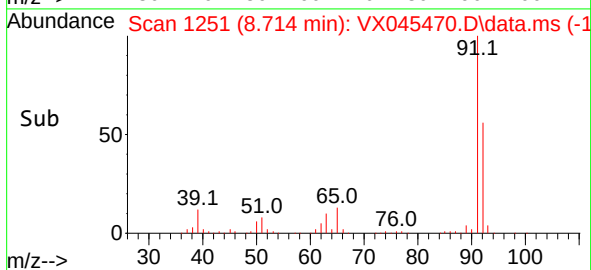
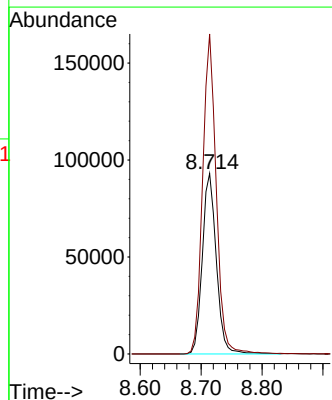
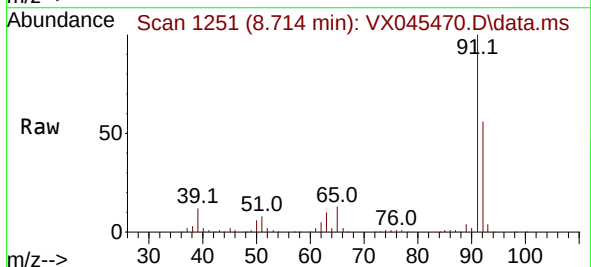
APPROVED

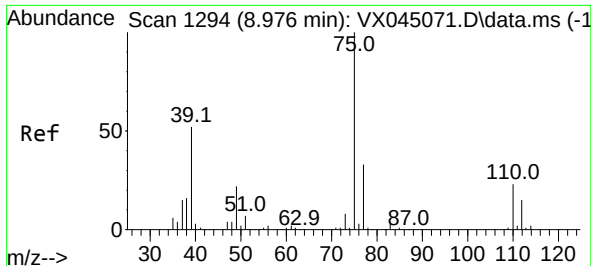
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 60.468 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 92 Resp: 148581
Ion Ratio Lower Upper
92 100
91 172.2 138.9 208.3





#53
 t-1,3-Dichloropropene
 Concen: 67.431 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

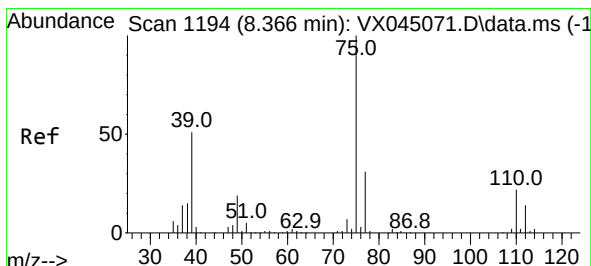
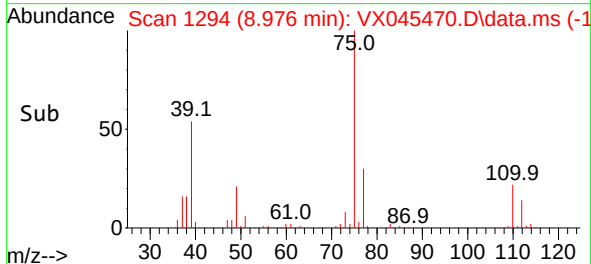
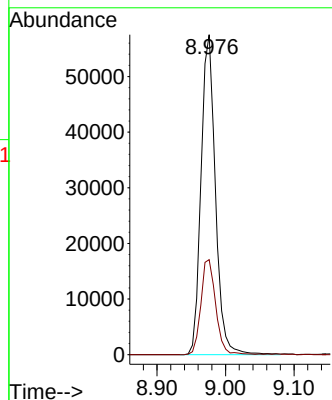
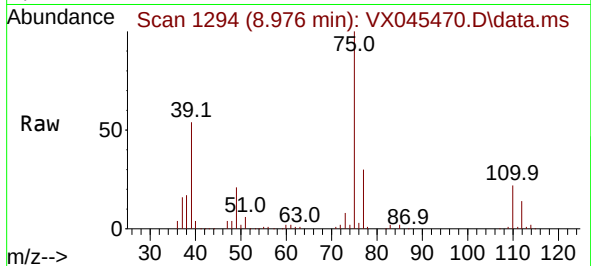
VSTDCCC050EC

Tgt Ion: 75 Resp: 8415
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.5 39.7

Manual Integrations

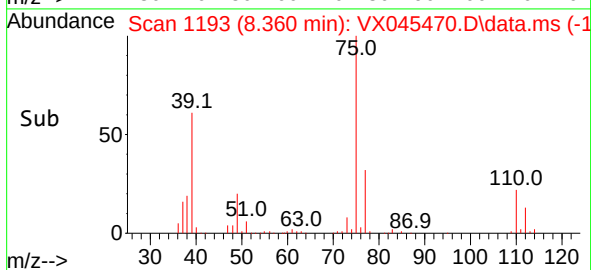
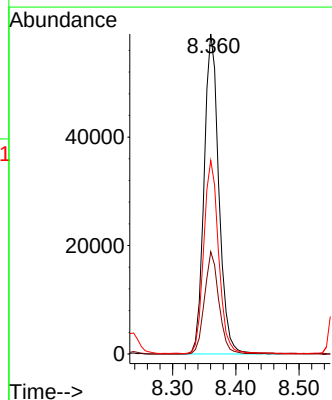
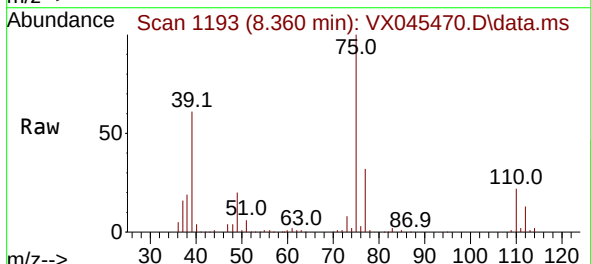
APPROVED

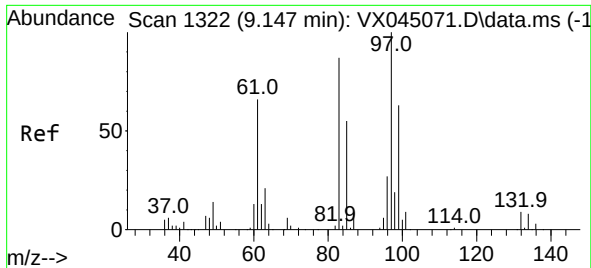
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 66.080 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

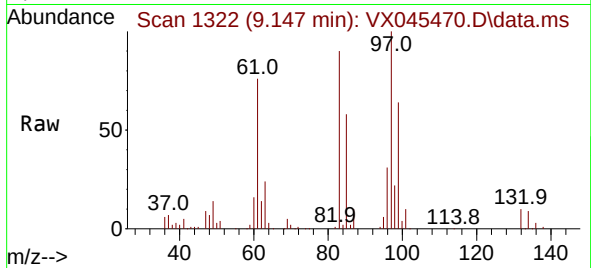
Tgt Ion: 75 Resp: 96166
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1
 39 60.3 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 57.001 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

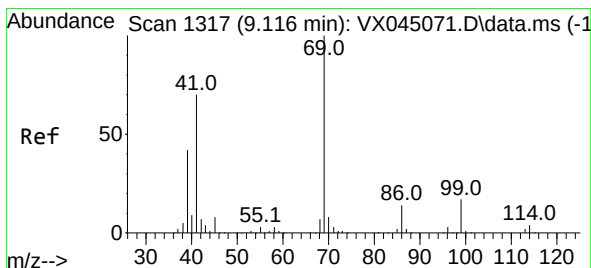
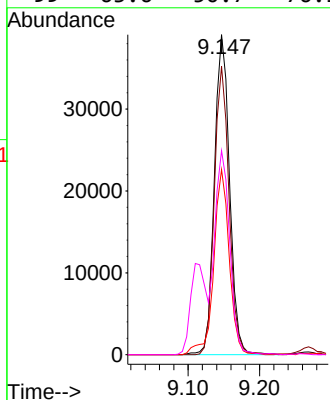
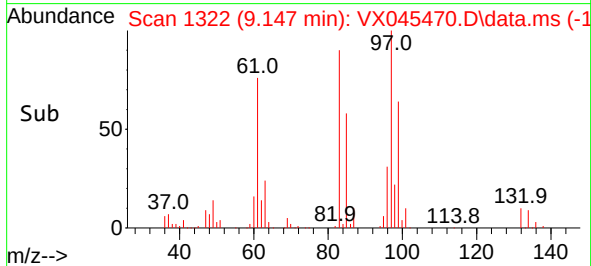


Tgt Ion: 97 Resp: 5766

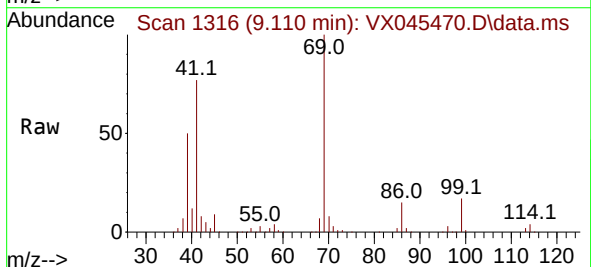
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.4	104.2
85	57.9	44.1	66.1
99	63.6	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

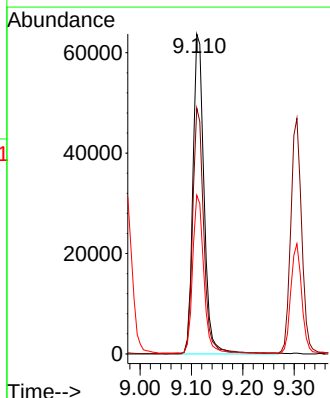
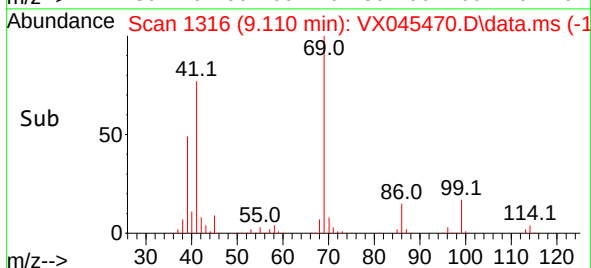


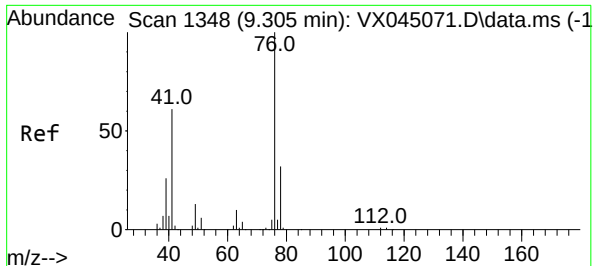
#56
Ethyl methacrylate
Concen: 62.321 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



Tgt Ion: 69 Resp: 95827

Ion	Ratio	Lower	Upper
69	100		
41	76.1	57.0	85.4
39	49.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 58.517 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 102439

Ion Ratio Lower Upper

76 100

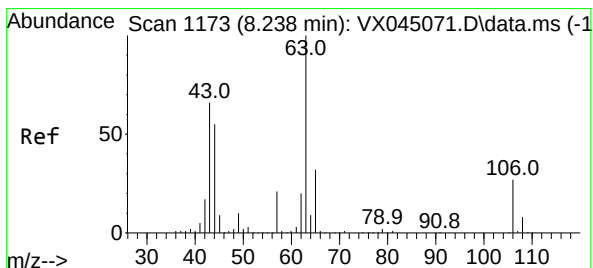
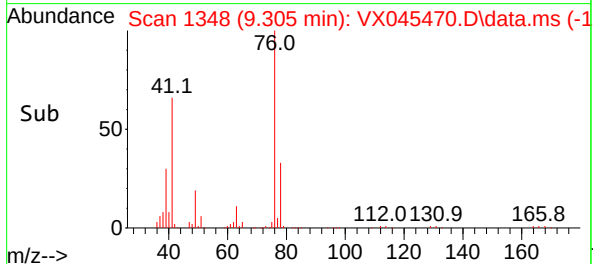
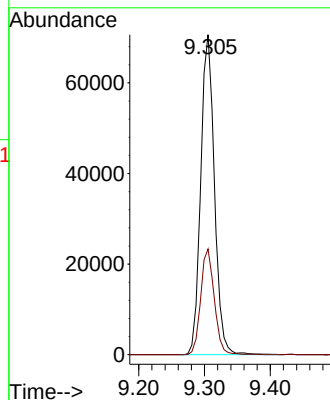
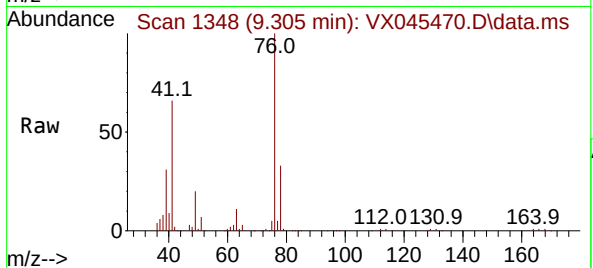
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 309.665 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045470.D

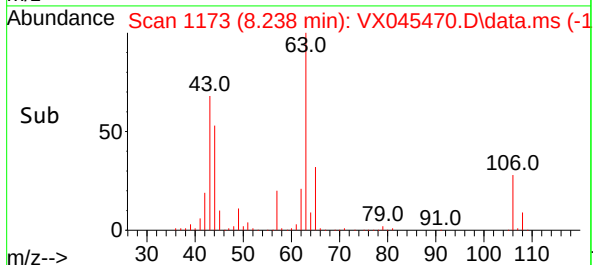
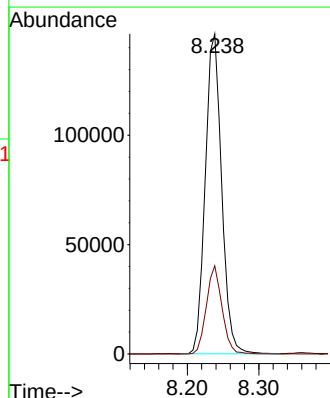
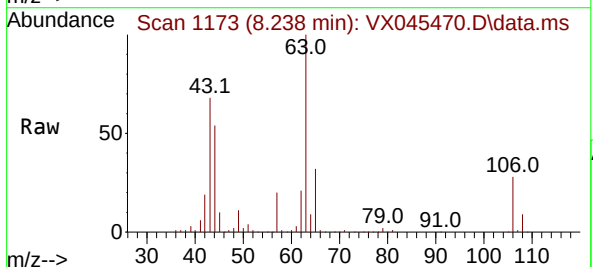
Acq: 26 Mar 2025 15:35

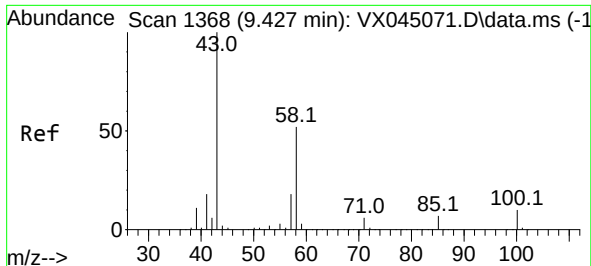
Tgt Ion: 63 Resp: 232271

Ion Ratio Lower Upper

63 100

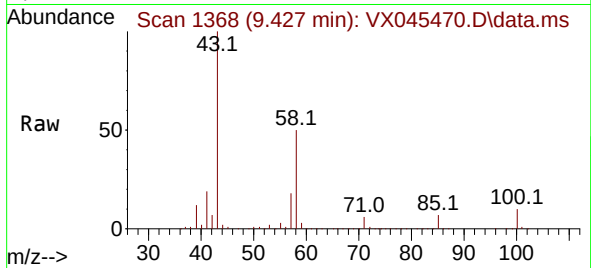
106 26.3 21.5 32.3





#59
2-Hexanone
Concen: 300.058 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

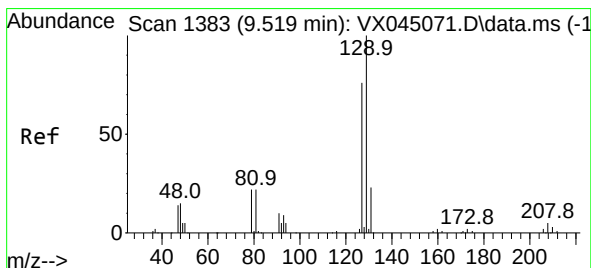
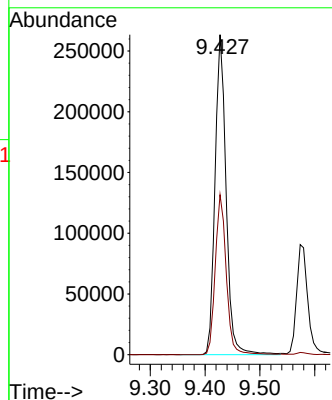
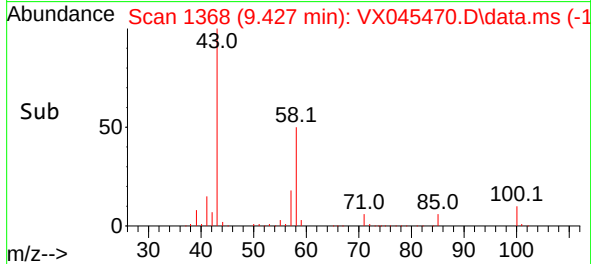
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36888
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.6

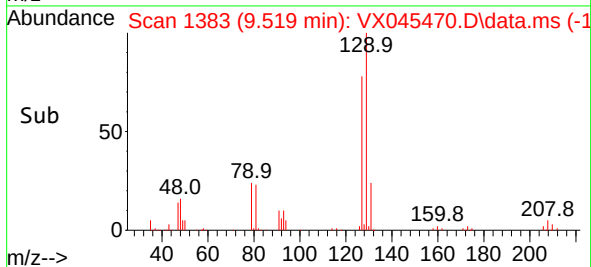
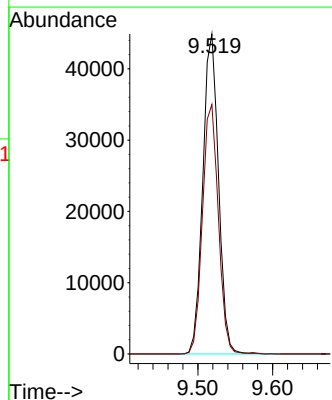
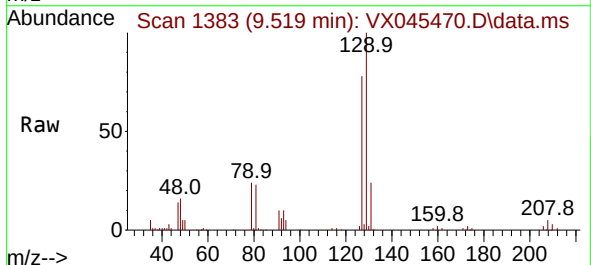
Manual Integrations
APPROVED

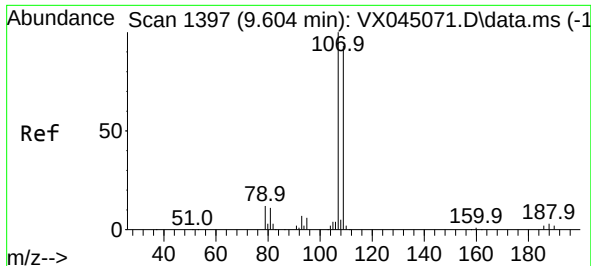
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 61.881 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion:129 Resp: 65450
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5





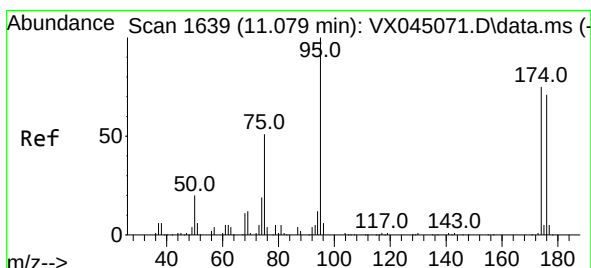
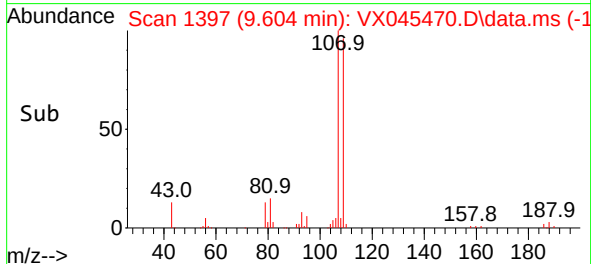
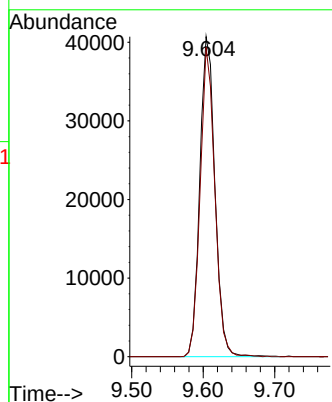
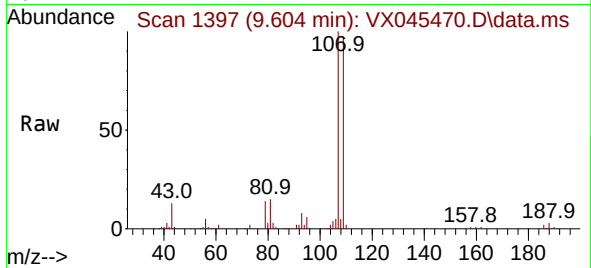
#61
1,2-Dibromoethane
Concen: 59.203 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5978
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

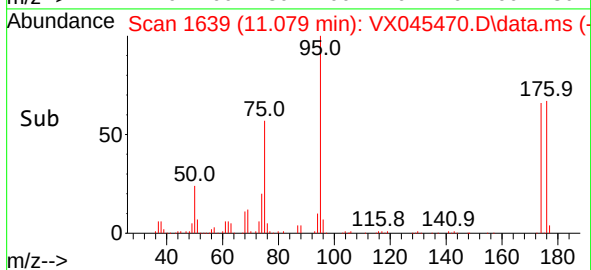
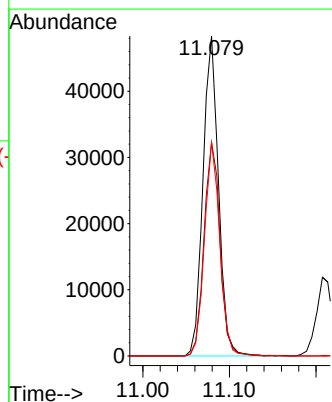
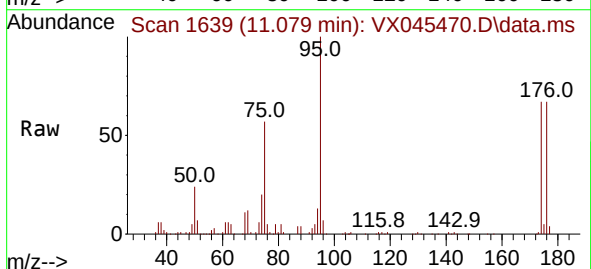
Manual Integrations
APPROVED

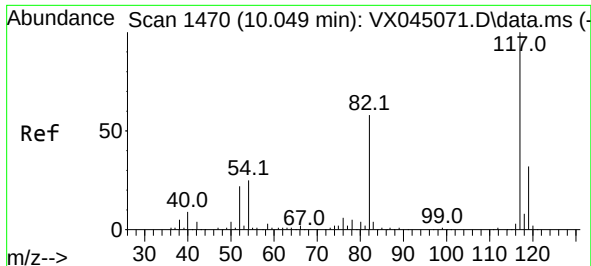
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 51.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

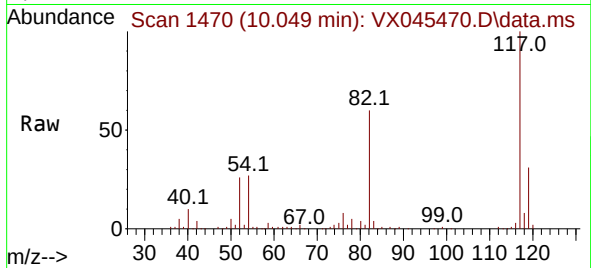
Tgt Ion: 95 Resp: 60080
Ion Ratio Lower Upper
95 100
174 68.8 0.0 148.2
176 66.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

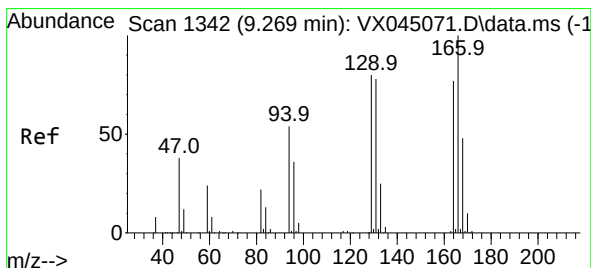
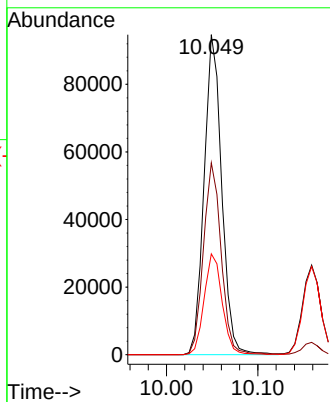
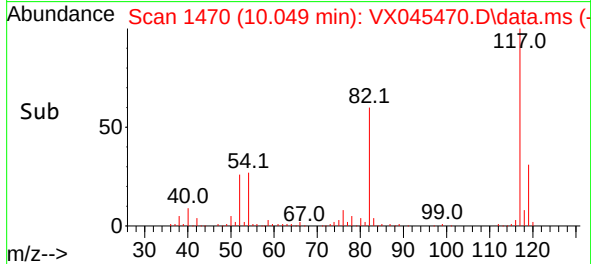
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 126380
Ion Ratio Lower Upper
117 100
82 60.0 46.3 69.5
119 31.5 25.7 38.5

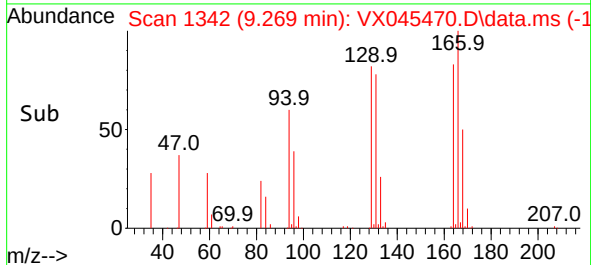
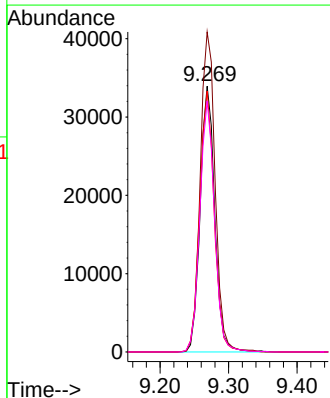
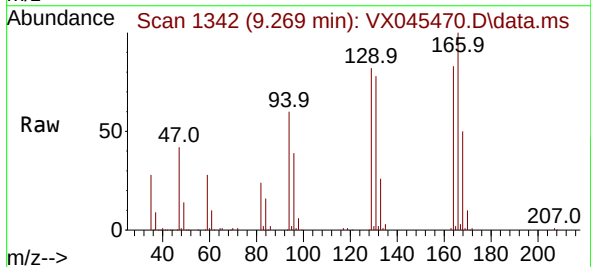
Manual Integrations
APPROVED

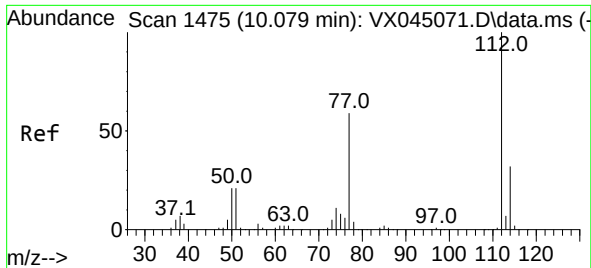
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 61.975 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

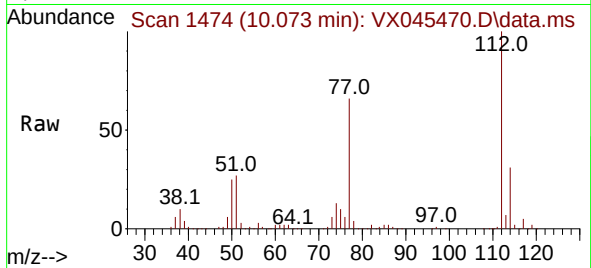
Tgt Ion:164 Resp: 50166
Ion Ratio Lower Upper
164 100
166 120.4 103.6 155.4
129 98.2 82.7 124.1
131 94.5 80.5 120.7





#65
Chlorobenzene
Concen: 58.675 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

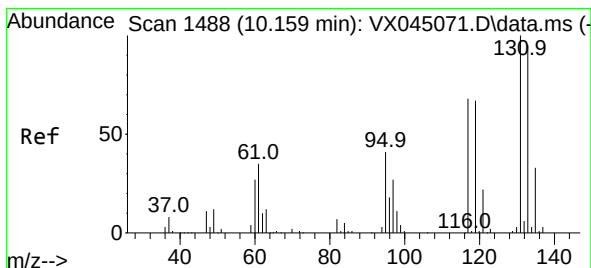
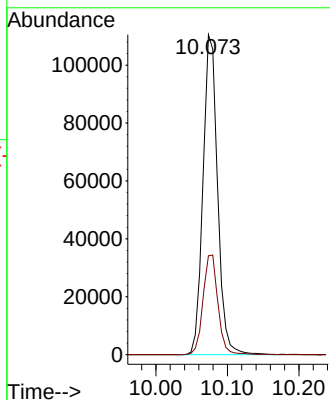
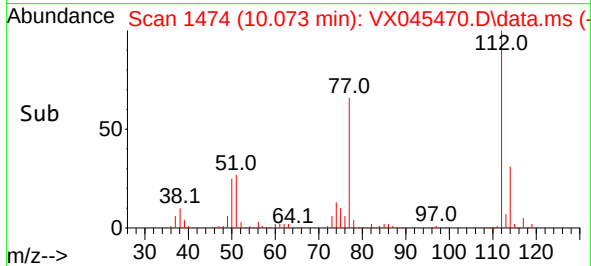
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



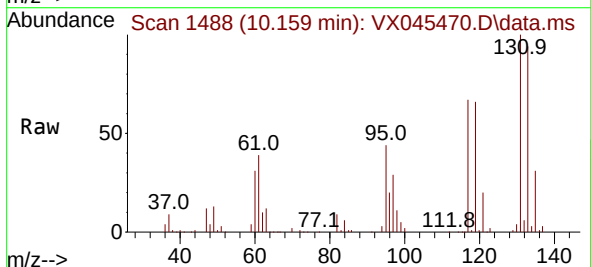
Tgt Ion:112 Resp: 156914
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0

Manual Integrations
APPROVED

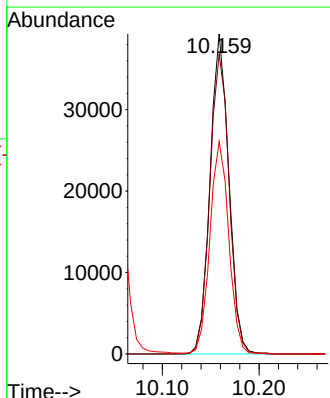
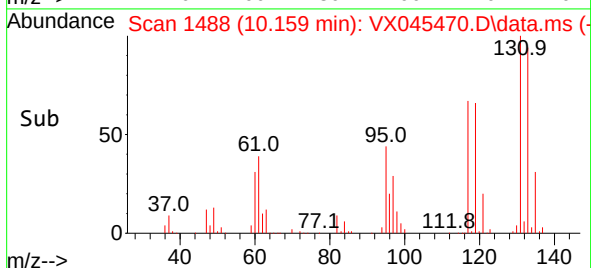
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

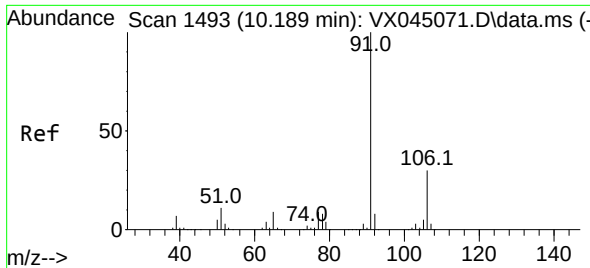


#66
1,1,1,2-Tetrachloroethane
Concen: 59.666 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



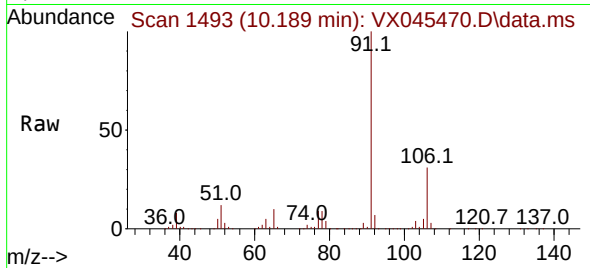
Tgt Ion:131 Resp: 53138
Ion Ratio Lower Upper
131 100
133 96.4 48.6 145.9
119 66.7 33.9 101.7





#67
Ethyl Benzene
Concen: 61.556 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

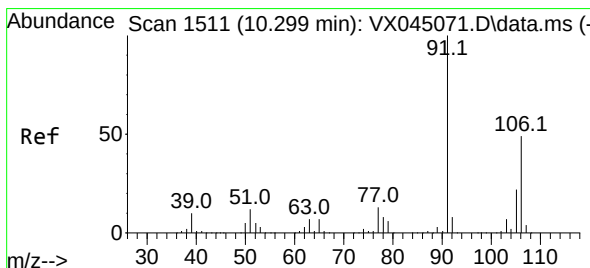
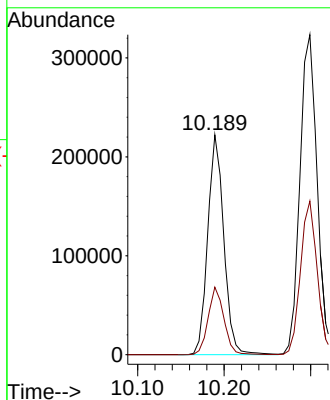
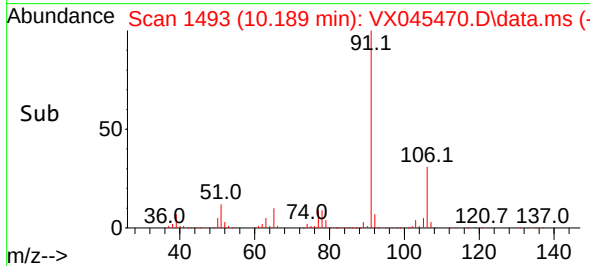
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



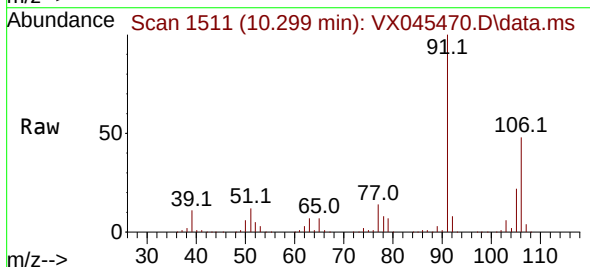
Tgt Ion: 91 Resp: 286839
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

Manual Integrations
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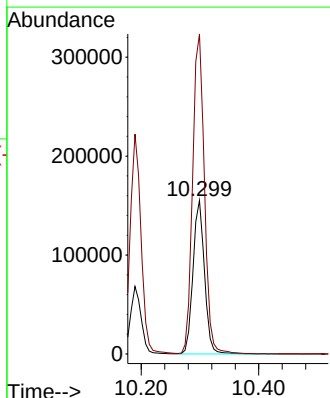
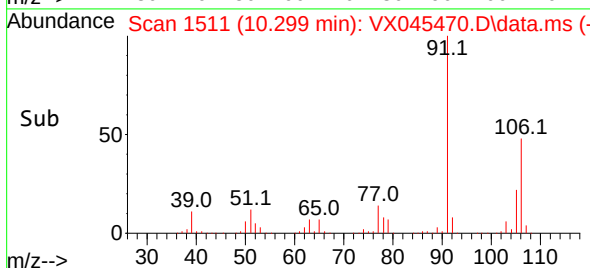
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

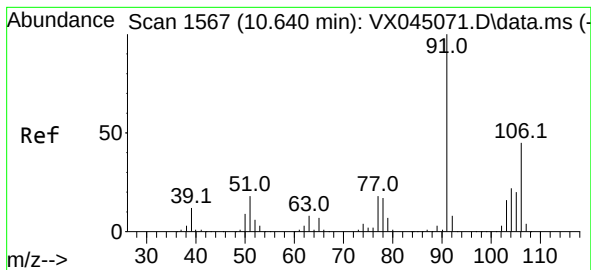


#68
m/p-Xylenes
Concen: 123.563 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



Tgt Ion:106 Resp: 210779
Ion Ratio Lower Upper
106 100
91 213.7 165.4 248.0





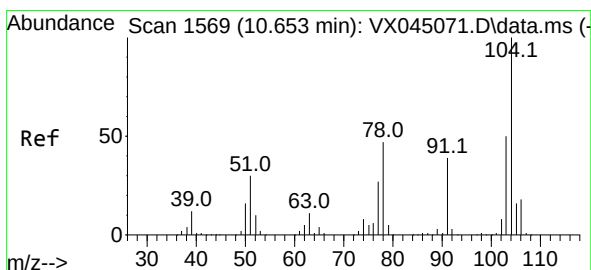
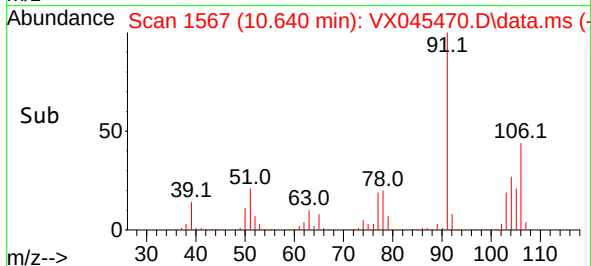
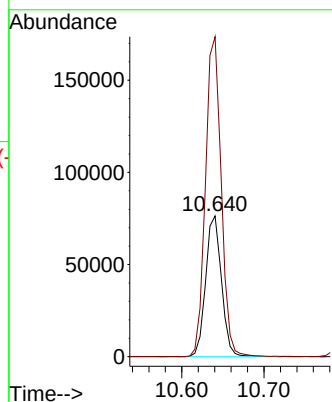
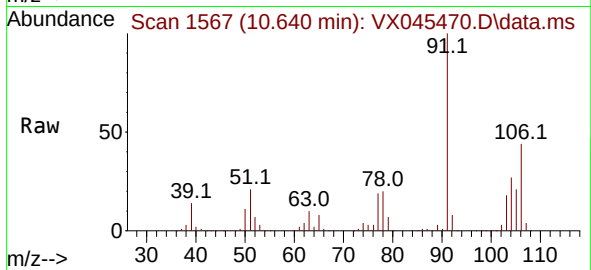
#69
o-Xylene
Concen: 59.282 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 101992
Ion Ratio Lower Upper
106 100
91 227.0 109.9 329.6

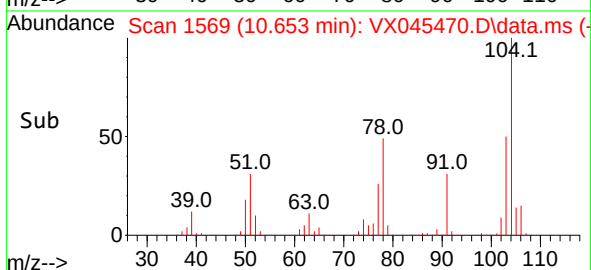
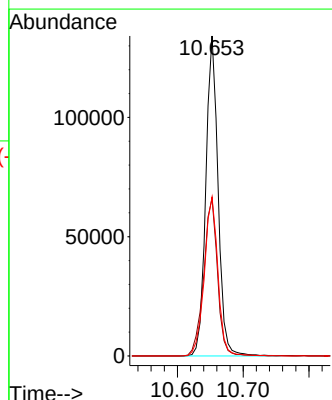
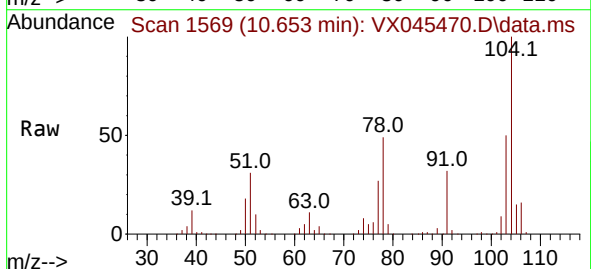
Manual Integrations
APPROVED

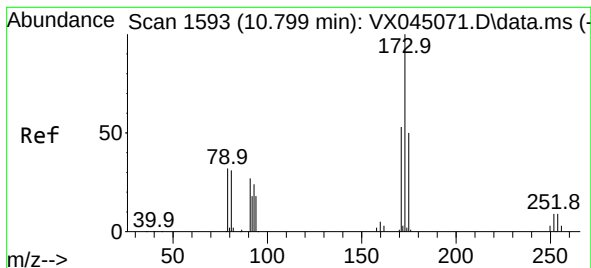
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 62.523 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion:104 Resp: 174051
Ion Ratio Lower Upper
104 100
78 55.7 42.2 63.4
103 55.4 43.8 65.8





#71

Bromoform

Concen: 60.576 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

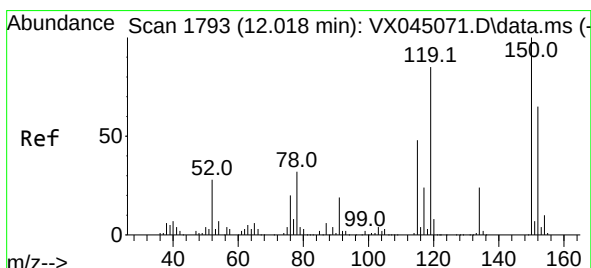
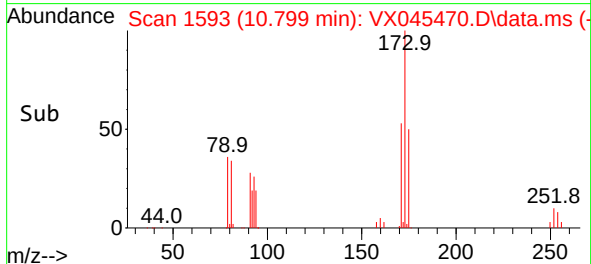
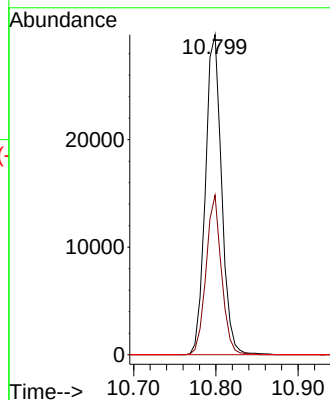
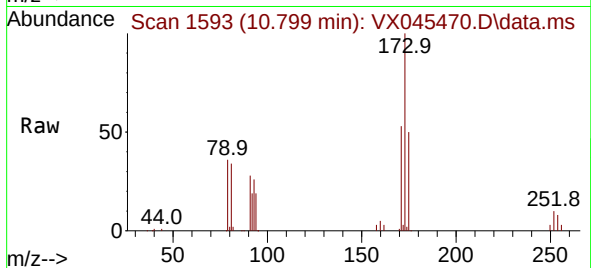
Tgt Ion:173	Resp:	4068
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

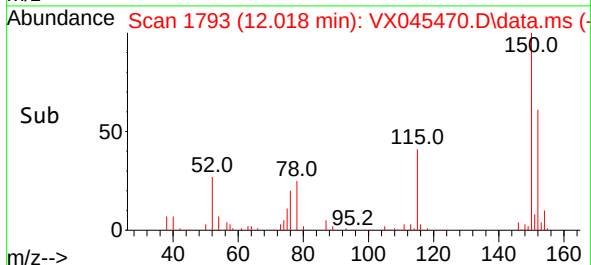
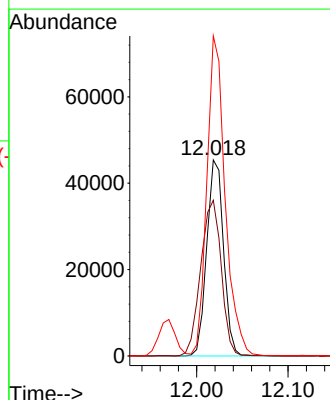
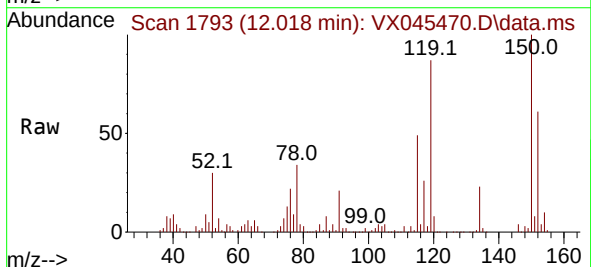
RT: 12.018 min Scan# 1793

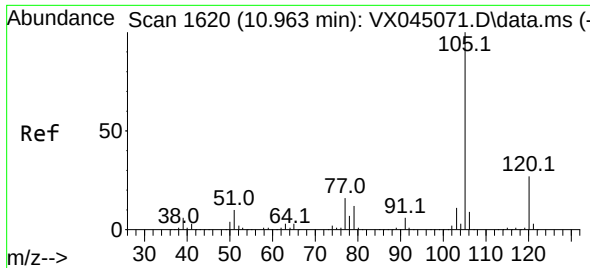
Delta R.T. -0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Tgt Ion:152	Resp:	57791
Ion Ratio	Lower	Upper
152	100	
115	97.3	44.2 132.6
150	177.6	0.0 349.0





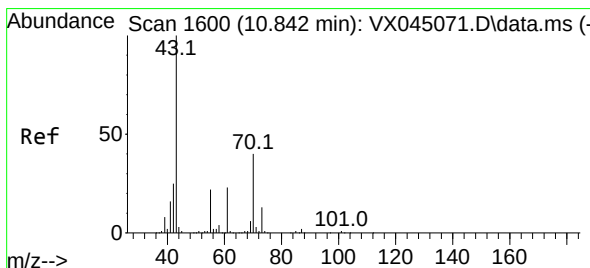
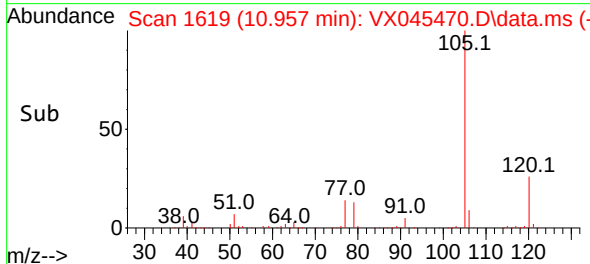
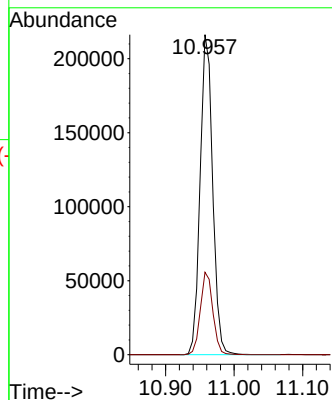
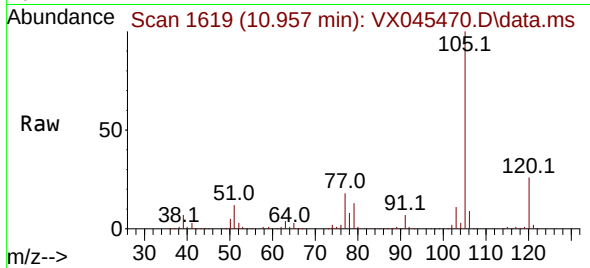
#73
Isopropylbenzene
Concen: 61.143 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 27580
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

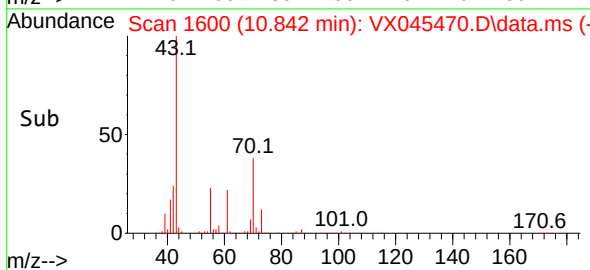
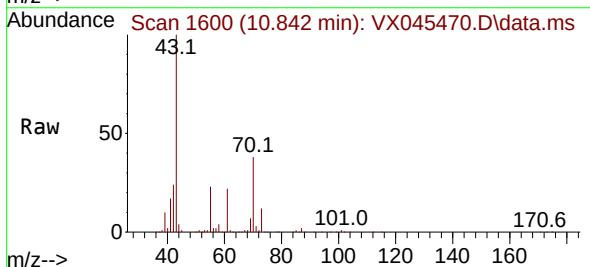
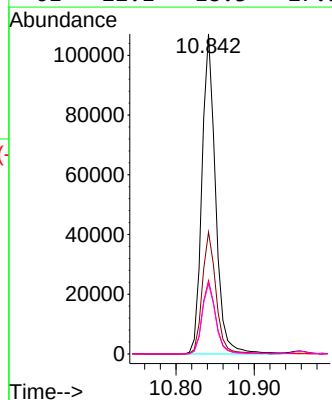
Manual Integrations
APPROVED

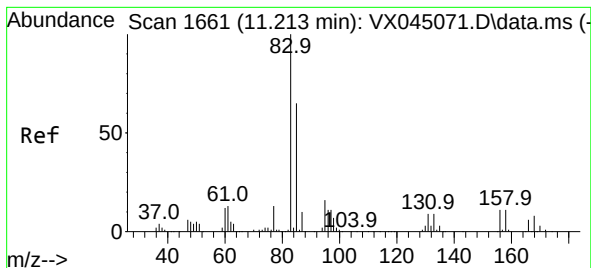
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 61.124 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion: 43 Resp: 129374
Ion Ratio Lower Upper
43 100
70 38.8 31.8 47.6
55 23.3 18.3 27.5
61 22.1 18.3 27.5





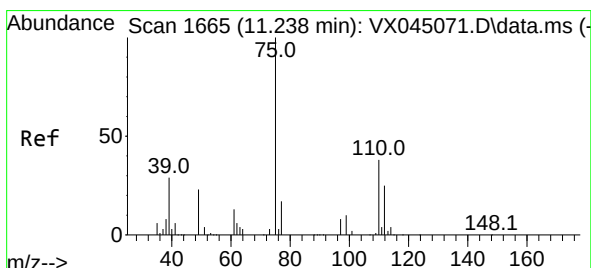
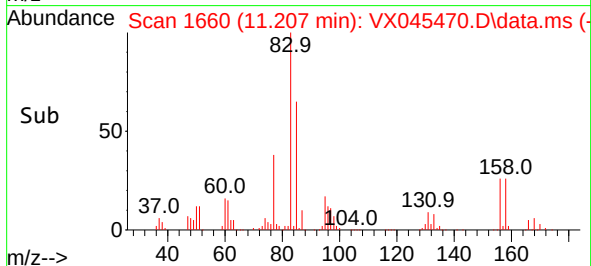
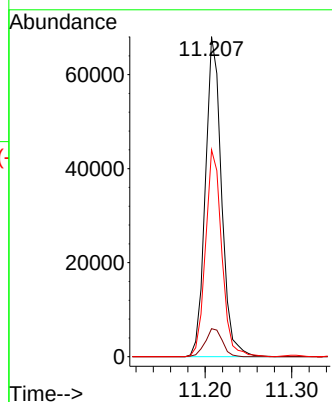
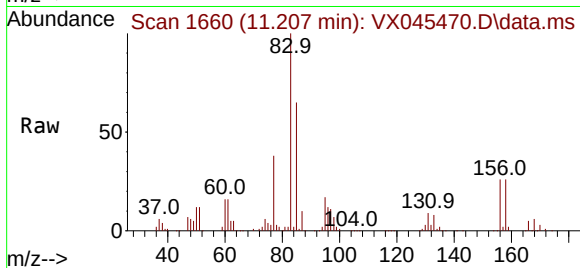
#75
1,1,2,2-Tetrachloroethane
Concen: 53.116 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8792
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 64.9 31.7 95.1

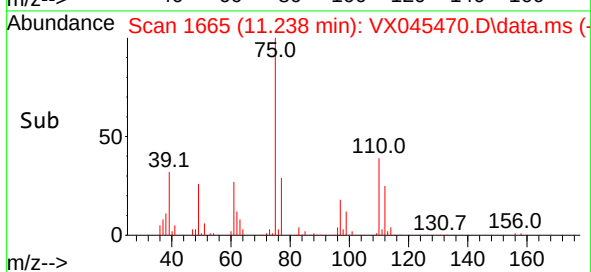
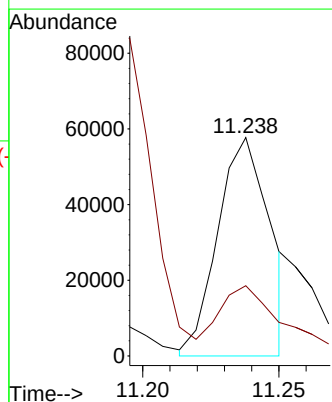
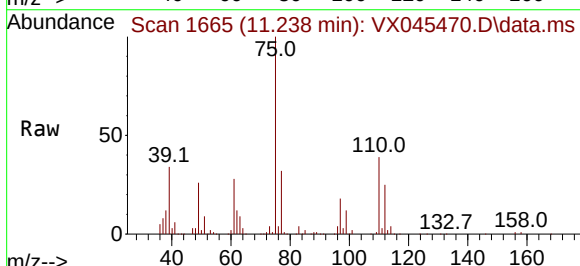
Manual Integrations
APPROVED

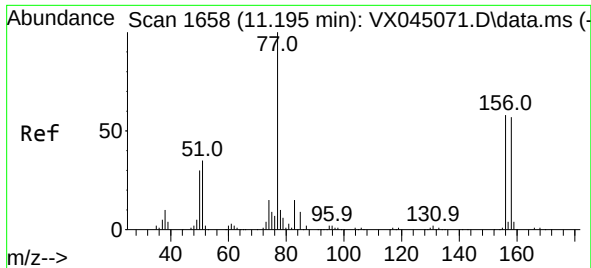
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 56.934 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

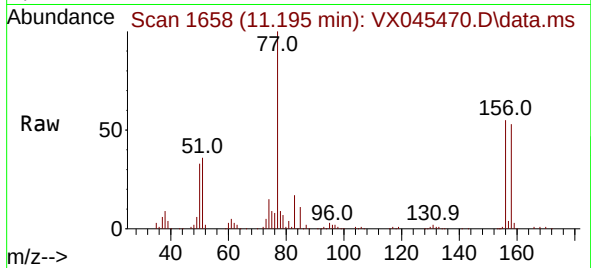
Tgt Ion: 75 Resp: 76581
Ion Ratio Lower Upper
75 100
77 40.2 20.7 62.1





#77
Bromobenzene
Concen: 56.145 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

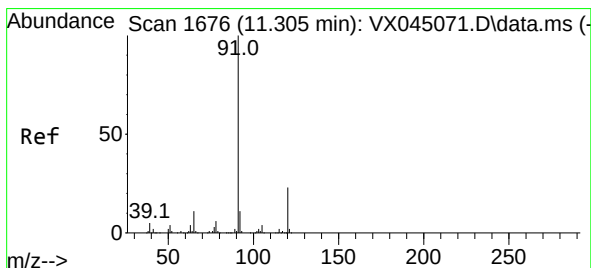
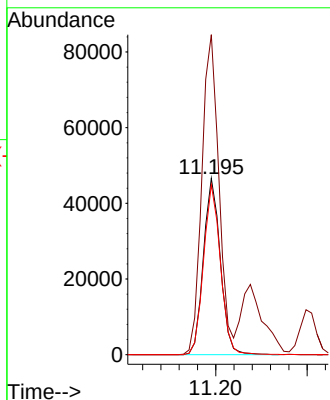
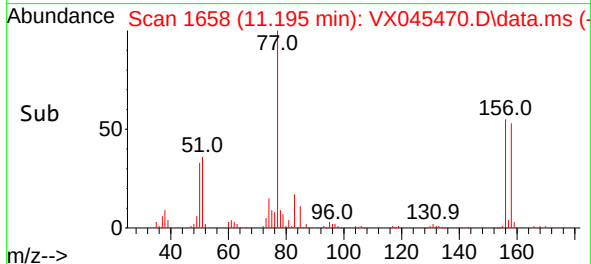
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



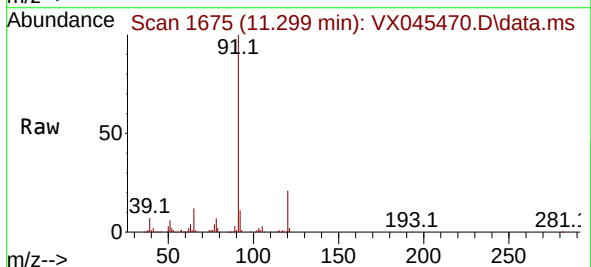
Tgt Ion:156 Resp: 59754
Ion Ratio Lower Upper
156 100
77 183.9 85.8 257.4
158 96.4 48.4 145.2

Manual Integrations
APPROVED

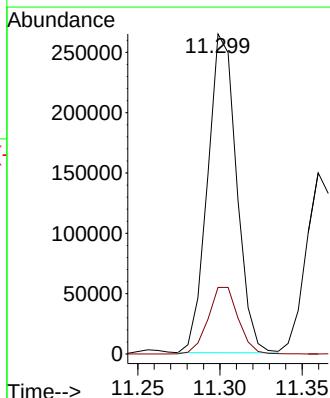
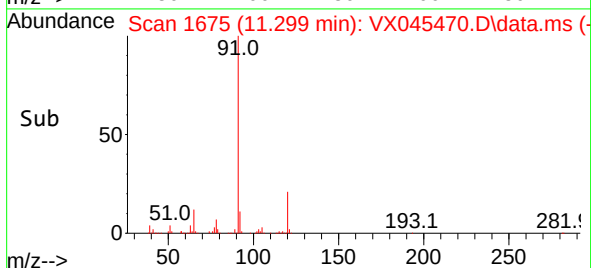
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

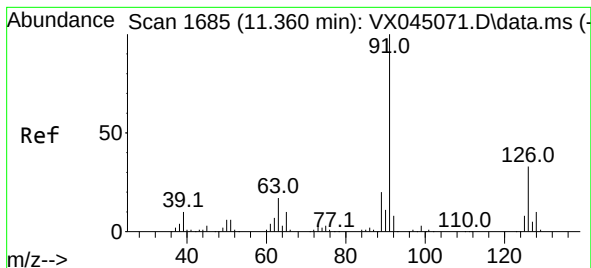


#78
n-propylbenzene
Concen: 63.648 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



Tgt Ion: 91 Resp: 324320
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





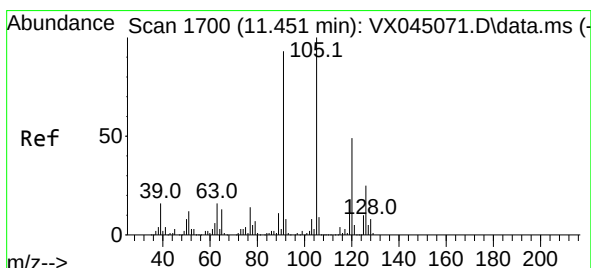
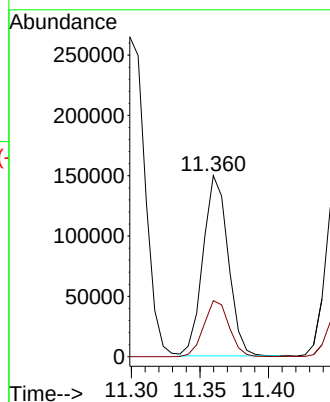
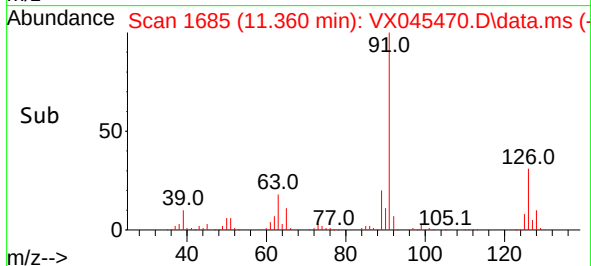
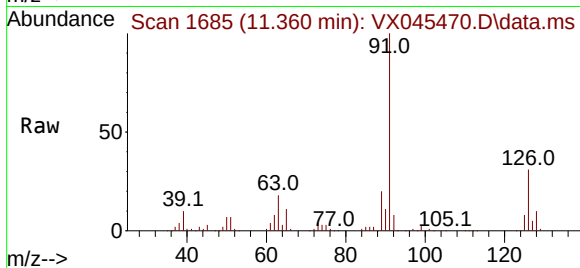
#79
2-Chlorotoluene
Concen: 58.698 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 190484
Ion Ratio Lower Upper
91 100
126 31.3 16.4 49.4

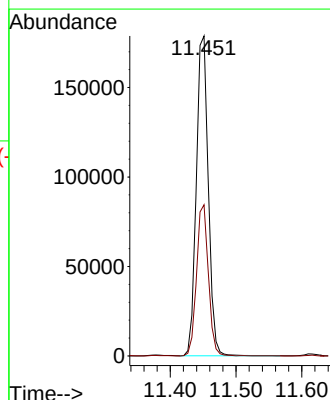
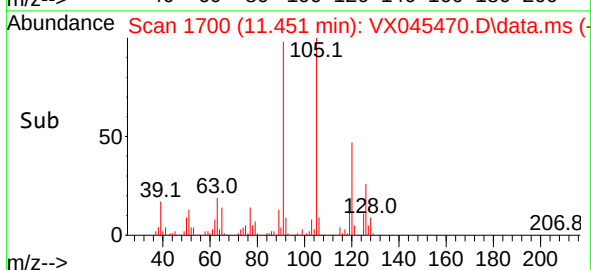
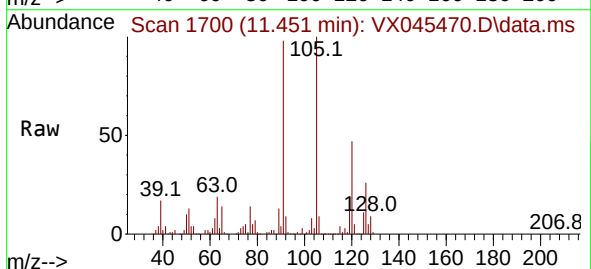
Manual Integrations
APPROVED

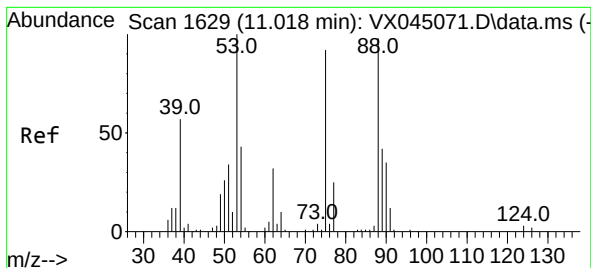
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 61.682 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Tgt Ion:105 Resp: 224971
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.2





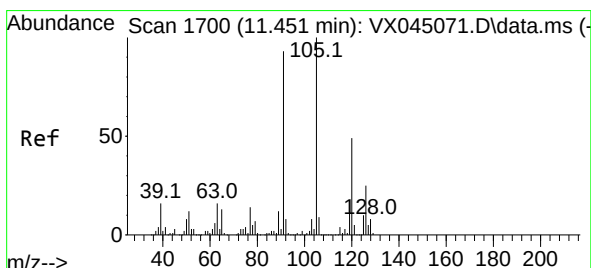
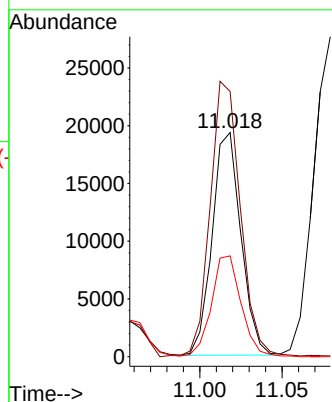
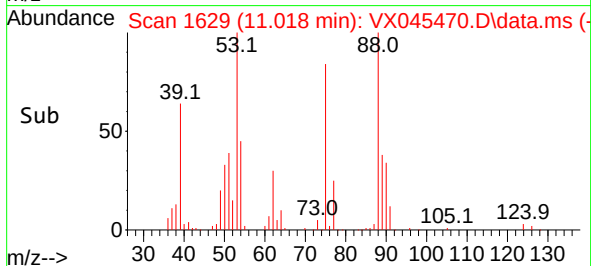
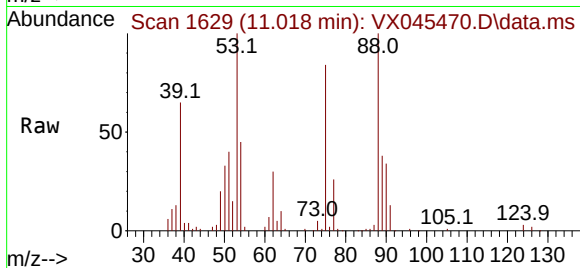
#81
trans-1,4-Dichloro-2-butene
Concen: 59.684 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23459
Ion Ratio Lower Upper
75 100
53 130.6 88.5 132.7
89 46.8 36.2 54.4

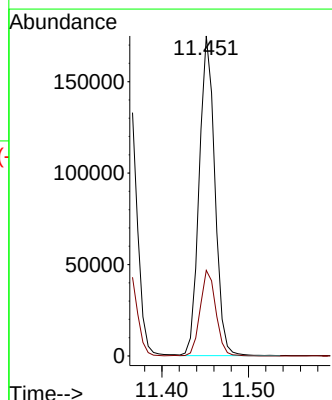
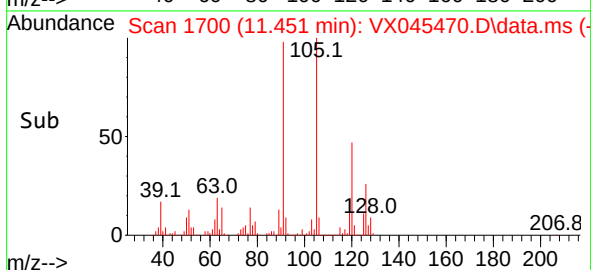
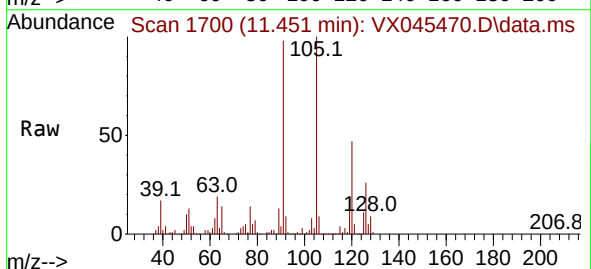
Manual Integrations
APPROVED

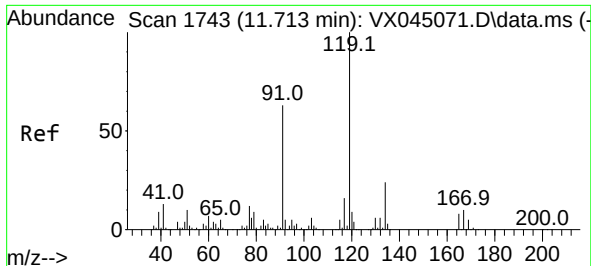
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 61.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

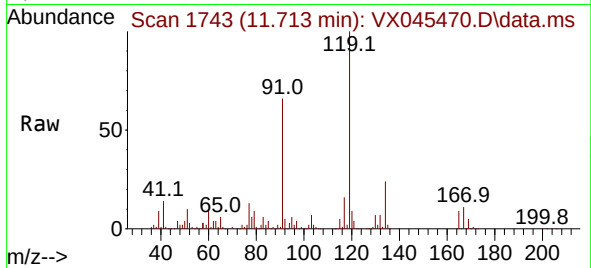
Tgt Ion: 91 Resp: 218741
Ion Ratio Lower Upper
91 100
126 26.9 14.1 42.4





#83
tert-Butylbenzene
Concen: 59.370 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

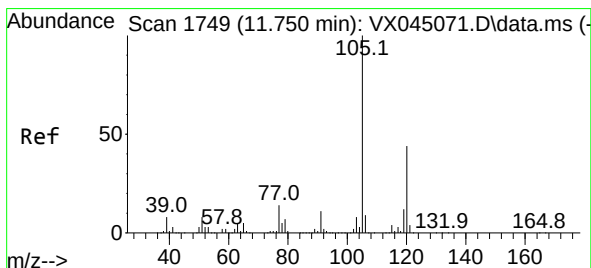
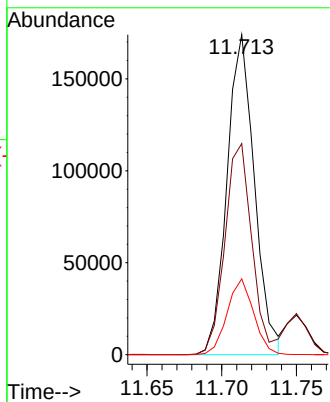
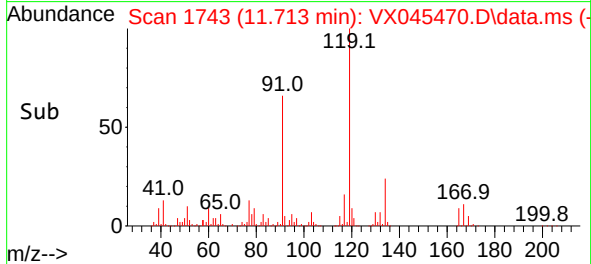
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



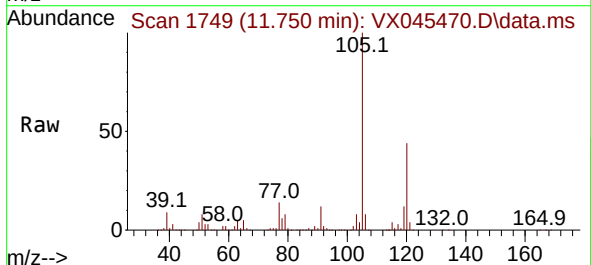
Tgt Ion:119 Resp: 222490
Ion Ratio Lower Upper
119 100
91 64.2 30.7 92.1
134 22.9 11.7 35.0

Manual Integrations
APPROVED

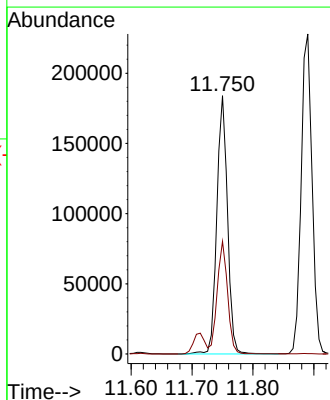
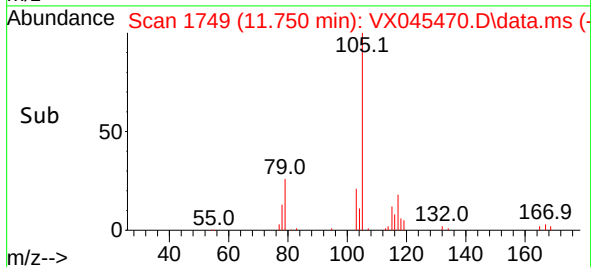
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

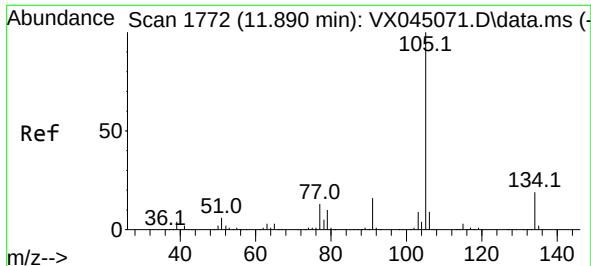


#84
1,2,4-Trimethylbenzene
Concen: 61.068 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



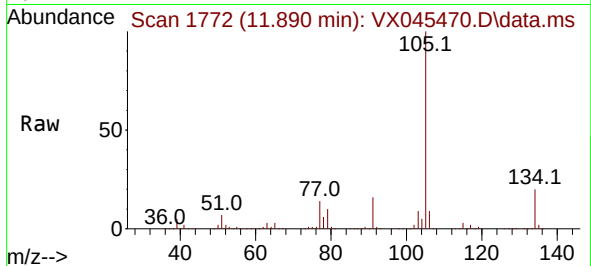
Tgt Ion:105 Resp: 224111
Ion Ratio Lower Upper
105 100
120 42.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 62.814 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

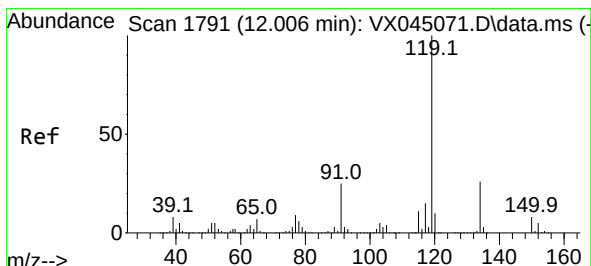
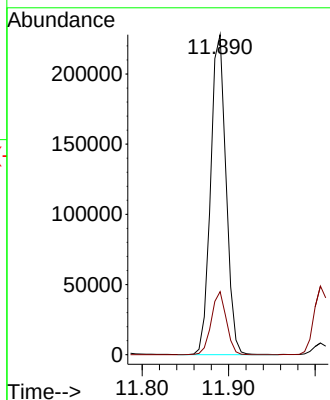
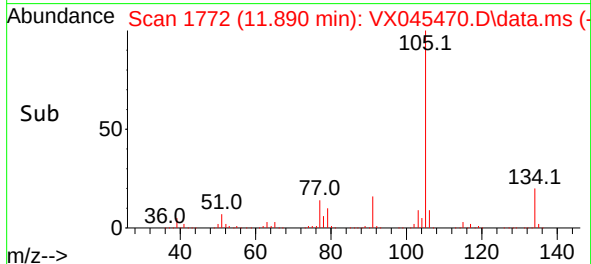
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 281972
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

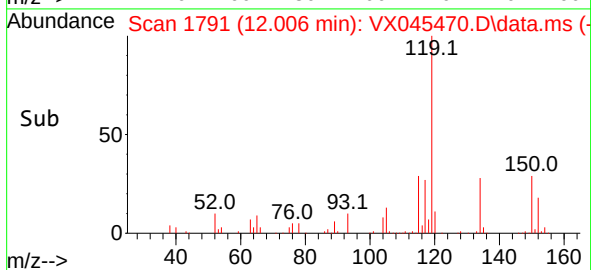
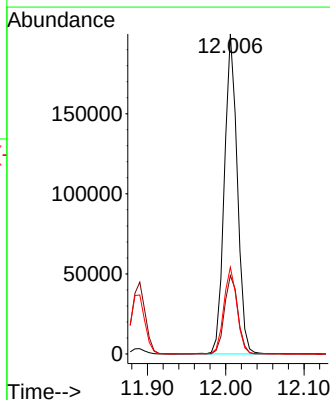
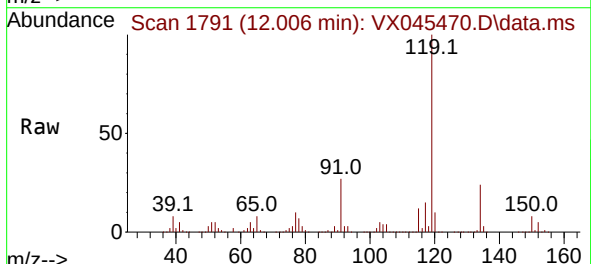
Manual Integrations
 APPROVED

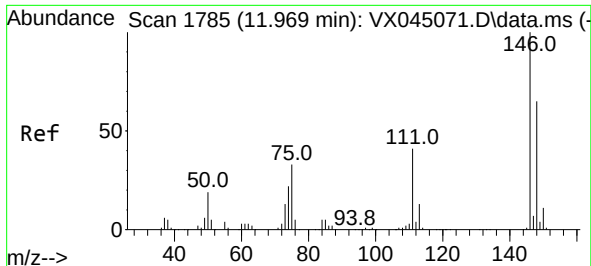
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#86
 p-Isopropyltoluene
 Concen: 63.515 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045470.D
 Acq: 26 Mar 2025 15:35

Tgt Ion:119 Resp: 230417
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 27.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 57.014 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10824

Ion Ratio Lower Upper

146 100

111 43.9 21.1 63.4

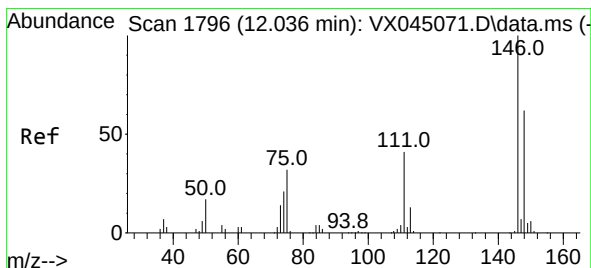
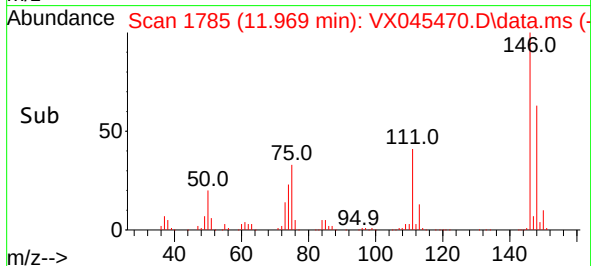
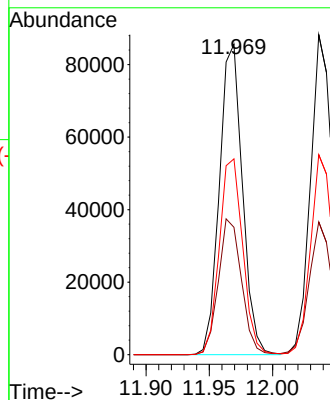
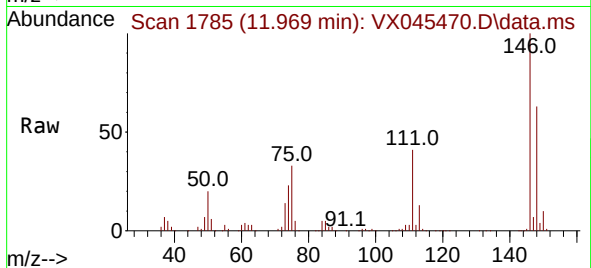
148 64.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 56.594 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

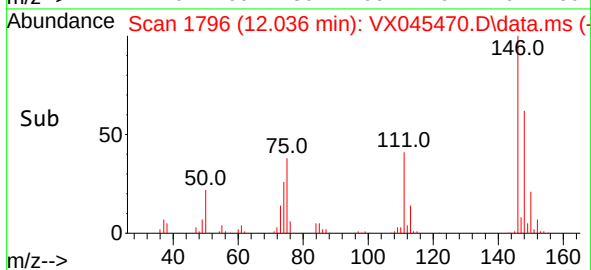
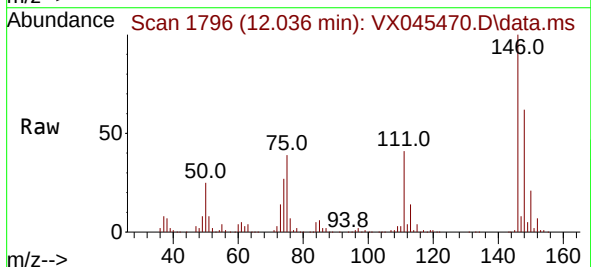
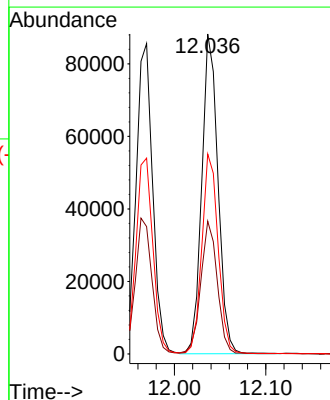
Tgt Ion:146 Resp: 108707

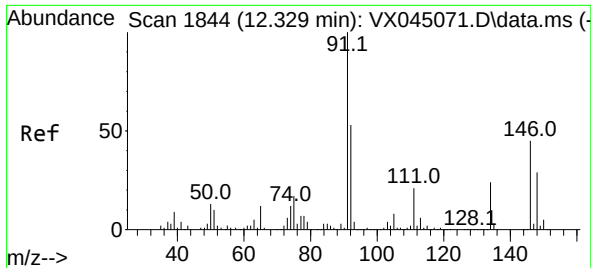
Ion Ratio Lower Upper

146 100

111 42.2 20.2 60.5

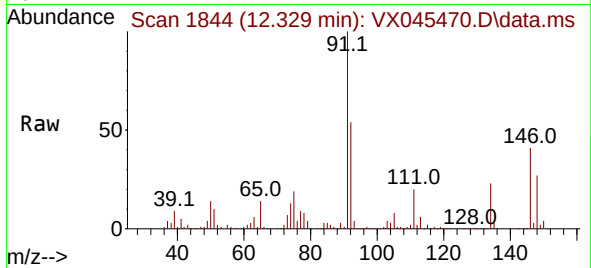
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 66.812 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

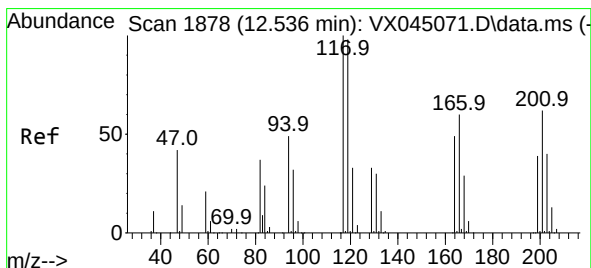
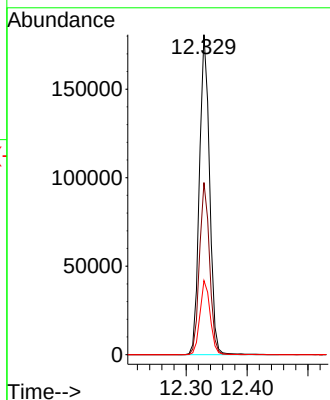
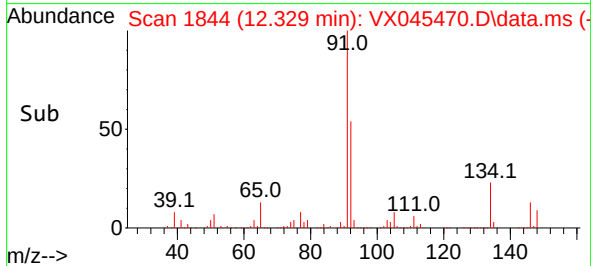
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 208754
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 23.3 12.2 36.6

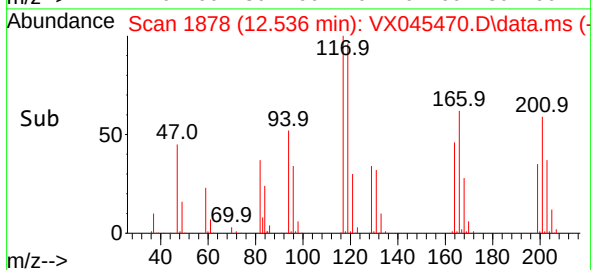
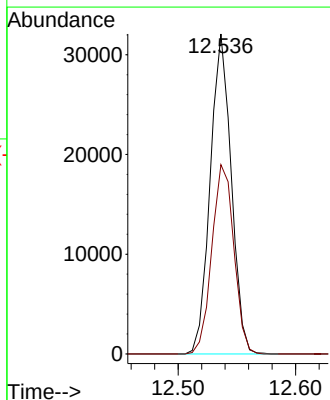
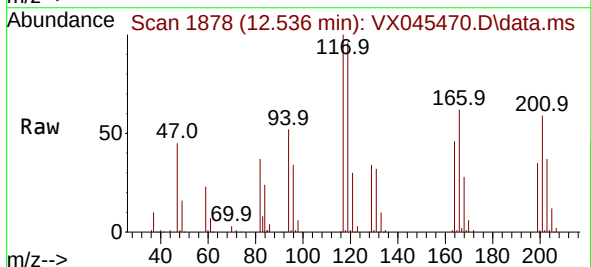
Manual Integrations
APPROVED

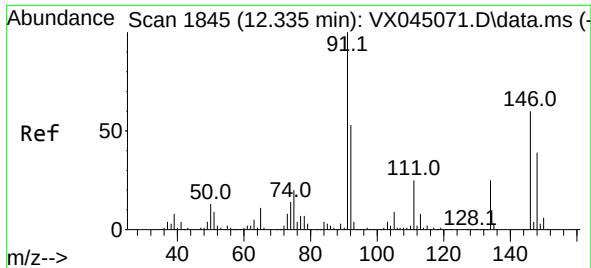
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 60.711 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

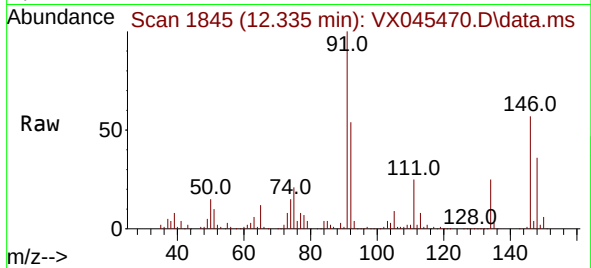
Tgt Ion:117 Resp: 39837
Ion Ratio Lower Upper
117 100
201 62.1 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 55.113 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

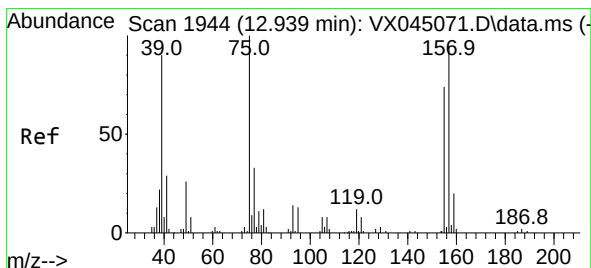
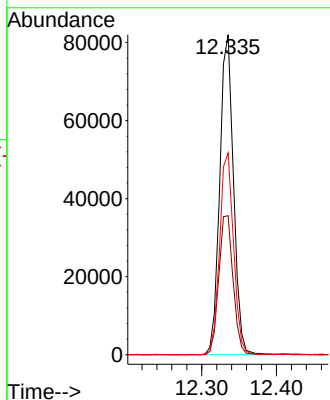
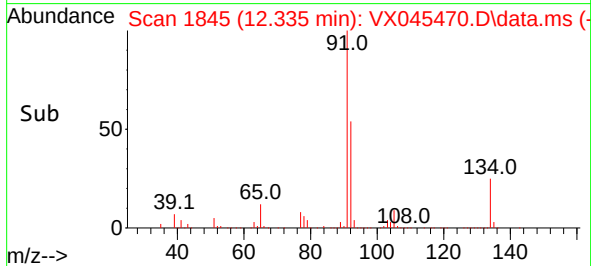
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



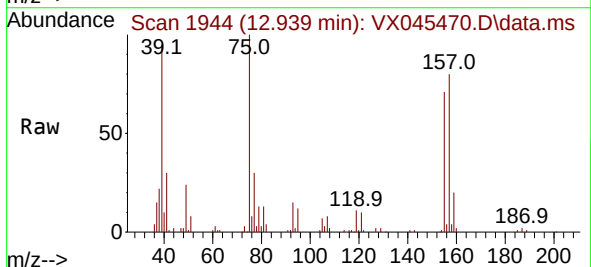
Tgt Ion:146 Resp: 104960
Ion Ratio Lower Upper
146 100
111 45.2 21.6 65.0
148 63.8 31.9 95.9

Manual Integrations
APPROVED

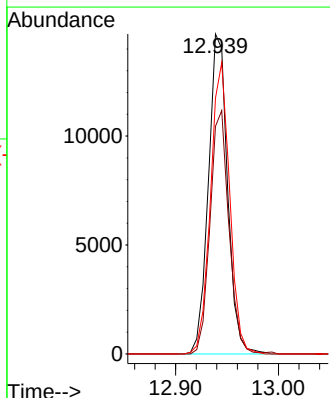
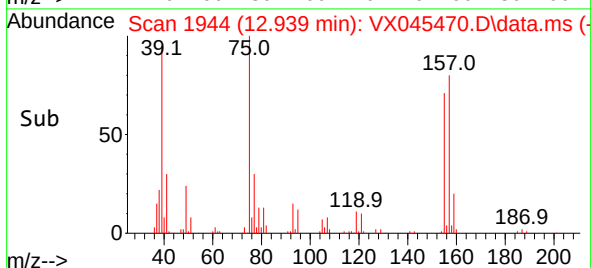
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

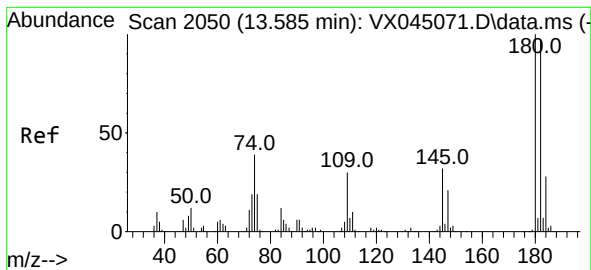


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.027 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



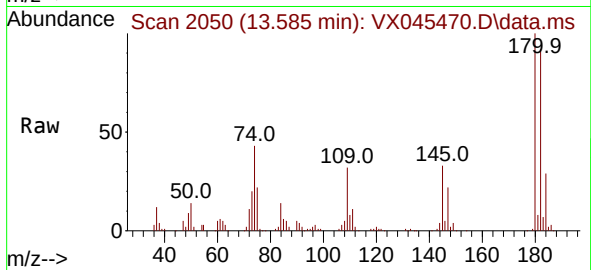
Tgt Ion: 75 Resp: 19035
Ion Ratio Lower Upper
75 100
155 74.9 39.6 118.7
157 90.8 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 58.168 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35

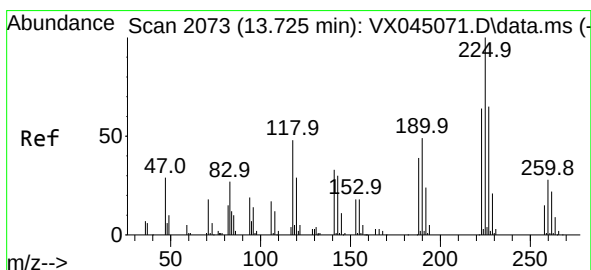
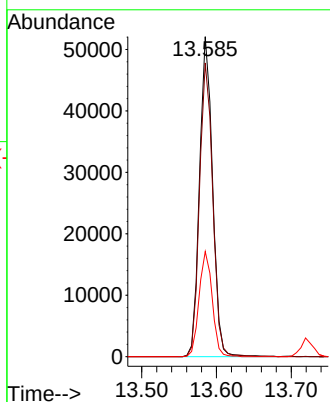
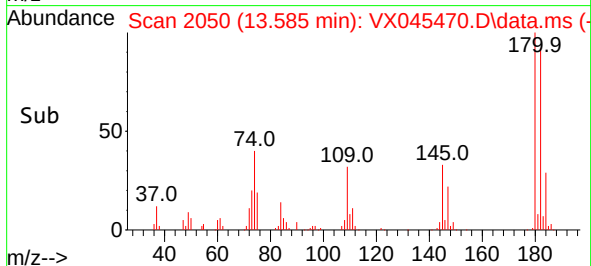
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



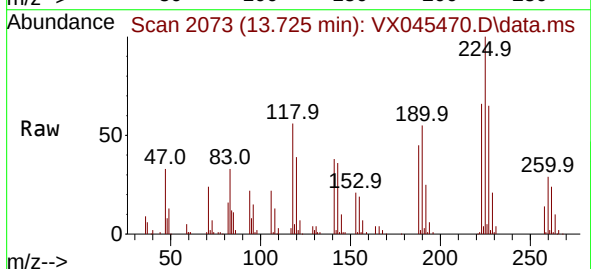
Tgt Ion:180 Resp: 6308
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 33.0 16.3 48.9

Manual Integrations
APPROVED

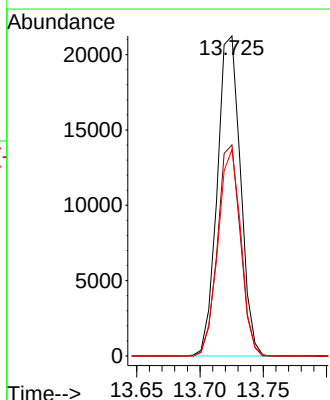
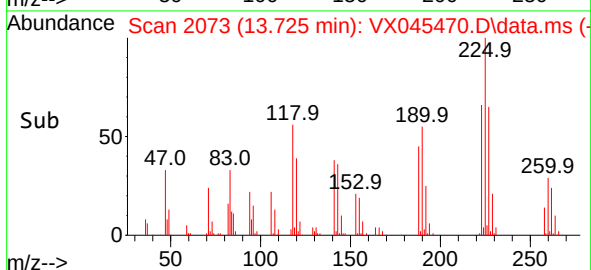
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

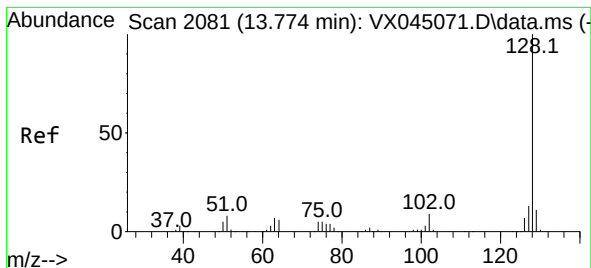


#94
Hexachlorobutadiene
Concen: 60.796 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045470.D
Acq: 26 Mar 2025 15:35



Tgt Ion:225 Resp: 27031
Ion Ratio Lower Upper
225 100
223 64.8 31.9 95.7
227 63.7 31.4 94.0





#95

Naphthalene

Concen: 54.873 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

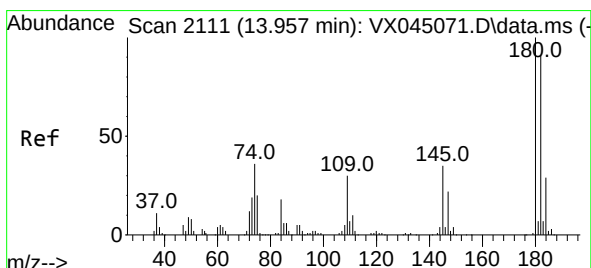
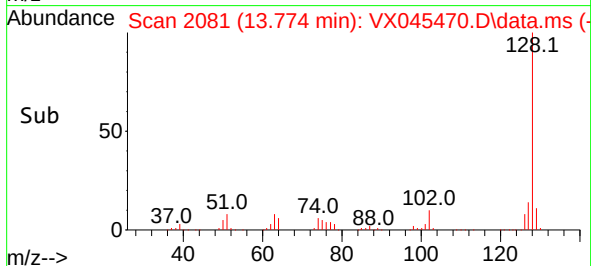
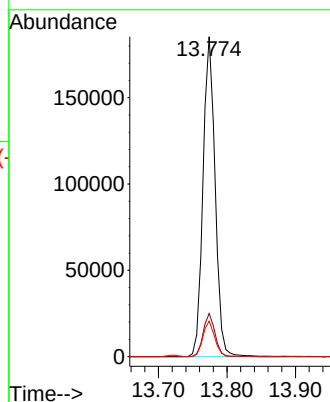
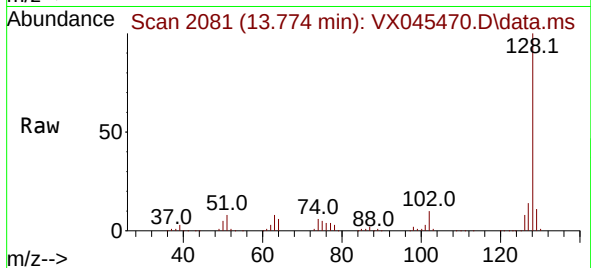
Tgt Ion:128 Resp: 228638
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.317 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045470.D

Acq: 26 Mar 2025 15:35

Tgt Ion:180 Resp: 63287
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.5 142.6
 145 36.8 17.0 50.9

