

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045255.D
 Acq On : 12 Mar 2025 17:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 01:45:18 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2025
 Supervised By : Mahesh Dadoda 03/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79500	53.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	60174	54.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.500%			
50) Toluene-d8	8.647	98	213132	53.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	11.079	95	75812	57.417	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57591	48.987	ug/l	93
3) Chloromethane	1.307	50	66918	46.512	ug/l	96
4) Vinyl Chloride	1.374	62	64013	44.851	ug/l	98
5) Bromomethane	1.593	94	28286	50.415	ug/l	100
6) Chloroethane	1.666	64	35330	53.667	ug/l	97
7) Trichlorofluoromethane	1.874	101	95550	50.572	ug/l	98
8) Diethyl Ether	2.130	74	34106	46.150	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59218	54.554	ug/l	99
10) Methyl Iodide	2.447	142	74674	55.048	ug/l	97
11) Tert butyl alcohol	2.977	59	58436	207.664	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57422	50.035	ug/l	99
13) Acrolein	2.233	56	80984	248.962	ug/l	98
14) Allyl chloride	2.654	41	110910	54.292	ug/l	97
15) Acrylonitrile	3.062	53	201614	267.331	ug/l	100
16) Acetone	2.380	43	178671	259.217	ug/l	98
17) Carbon Disulfide	2.502	76	133037	43.523	ug/l	97
18) Methyl Acetate	2.703	43	98551	59.434	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	198728	51.613	ug/l	99
20) Methylene Chloride	2.782	84	68354	50.063	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	57514	50.727	ug/l	99
22) Diisopropyl ether	3.757	45	219898	52.928	ug/l	90
23) Vinyl Acetate	3.721	43	917878	264.740	ug/l	99
24) 1,1-Dichloroethane	3.605	63	121070	51.997	ug/l	98
25) 2-Butanone	4.556	43	280679	270.527	ug/l	100
26) 2,2-Dichloropropane	4.465	77	78898	72.241	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	71890	51.364	ug/l	93
28) Bromochloromethane	4.891	49	55439	49.953	ug/l	99
29) Tetrahydrofuran	5.001	42	177084	254.157	ug/l	100
30) Chloroform	5.086	83	120307	52.001	ug/l	100
31) Cyclohexane	5.458	56	102229	50.579	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	98373	52.647	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78386	52.005	ug/l	99
37) Ethyl Acetate	4.708	43	102503	52.776	ug/l	99
38) Carbon Tetrachloride	5.672	117	80618	52.683	ug/l	99
39) Methylcyclohexane	7.373	83	99499	55.091	ug/l	99
40) Benzene	6.031	78	250003	52.525	ug/l	100

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Quant Time: Mar 13 01:45:18 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)
41) Methacrylonitrile	4.916	41	59513	56.668	ug/l	99
42) 1,2-Dichloroethane	6.080	62	94681	55.241	ug/l	99
43) Isopropyl Acetate	6.336	43	159069	55.386	ug/l	100
44) Trichloroethene	7.123	130	57915	51.820	ug/l	100
45) 1,2-Dichloropropane	7.428	63	63147	51.601	ug/l	99
46) Dibromomethane	7.574	93	47112	54.467	ug/l	97
47) Bromodichloromethane	7.818	83	94011	55.411	ug/l	100
48) Methyl methacrylate	7.690	41	80635	55.963	ug/l	97
49) 1,4-Dioxane	7.659	88	26677	877.723	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	545448	282.851	ug/l	100
52) Toluene	8.714	92	152454	54.592	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81984	57.801	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	95282	57.608	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	62455	54.326	ug/l	99
56) Ethyl methacrylate	9.116	69	99307	56.827	ug/l	96
57) 1,3-Dichloropropane	9.305	76	108760	54.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	257633	302.223	ug/l	99
59) 2-Hexanone	9.427	43	394107	282.068	ug/l	100
60) Dibromochloromethane	9.519	129	67396	56.067	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62339	54.317	ug/l	98
64) Tetrachloroethene	9.269	164	48618	51.818	ug/l	98
65) Chlorobenzene	10.079	112	162262	52.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54040	52.349	ug/l	97
67) Ethyl Benzene	10.189	91	294120	54.454	ug/l	99
68) m/p-Xylenes	10.299	106	216917	109.706	ug/l	99
69) o-Xylene	10.640	106	108543	54.430	ug/l	99
70) Styrene	10.653	104	179718	55.697	ug/l	99
71) Bromoform	10.799	173	41558	53.386	ug/l #	99
73) Isopropylbenzene	10.957	105	281848	56.246	ug/l	99
74) N-amyl acetate	10.842	43	131774	56.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93844	51.034	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79124m	52.952	ug/l	
77) Bromobenzene	11.195	156	63287	53.528	ug/l	98
78) n-propylbenzene	11.299	91	327763	57.903	ug/l	98
79) 2-Chlorotoluene	11.360	91	193334	53.629	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226942	56.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24319	55.696	ug/l	93
82) 4-Chlorotoluene	11.451	91	219795	55.942	ug/l	99
83) tert-Butylbenzene	11.713	119	229318	55.084	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	227959	55.915	ug/l	99
85) sec-Butylbenzene	11.890	105	289541	58.061	ug/l	98
86) p-Isopropyltoluene	12.006	119	230863	57.285	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112951	53.552	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	112234	52.597	ug/l	99
89) n-Butylbenzene	12.329	91	208311	60.015	ug/l	100
90) Hexachloroethane	12.536	117	39749	54.530	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111724	52.805	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19355	54.028	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	65467	54.341	ug/l	99
94) Hexachlorobutadiene	13.725	225	26325	53.298	ug/l	98
95) Naphthalene	13.774	128	248016	53.582	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66692	52.474	ug/l	98

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Manual Integrations
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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

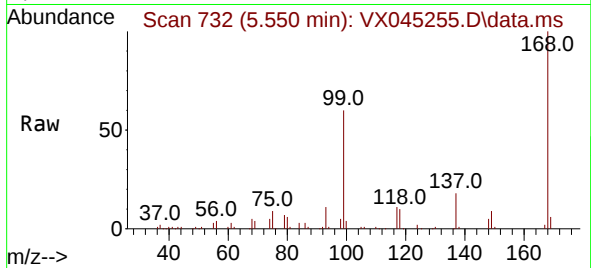
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045255.D
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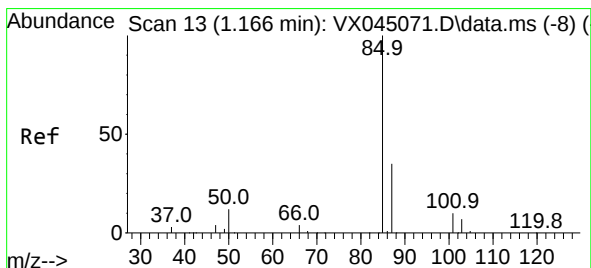
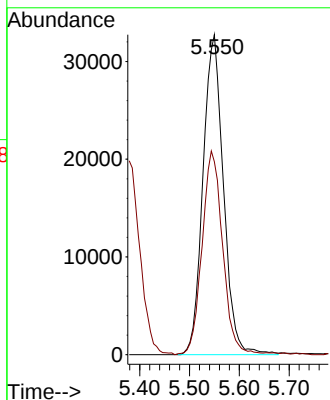
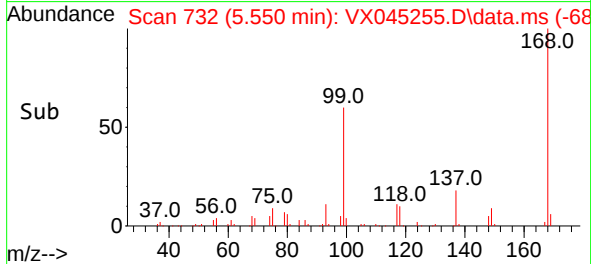
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 93390
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4

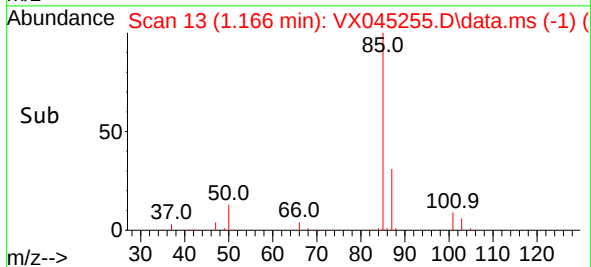
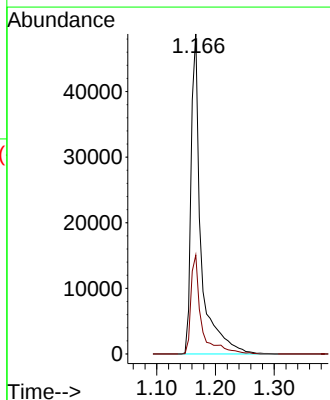
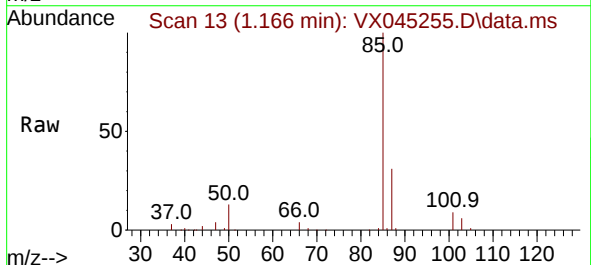
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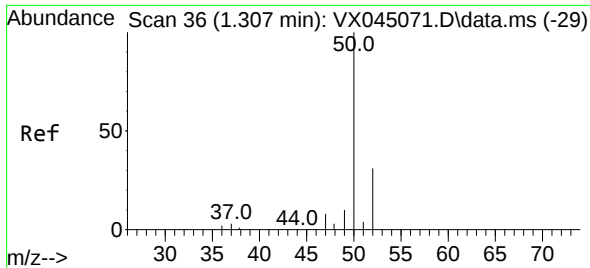
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#2
Dichlorodifluoromethane
Concen: 48.987 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 85 Resp: 57591
Ion Ratio Lower Upper
85 100
87 30.9 17.4 52.3





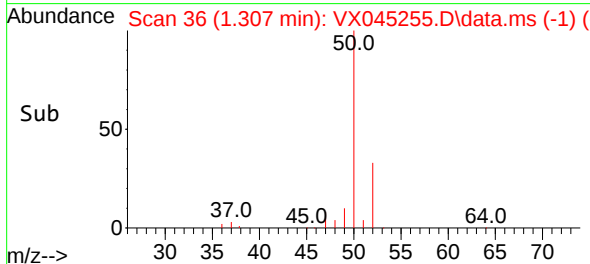
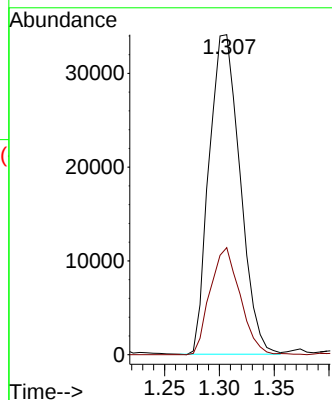
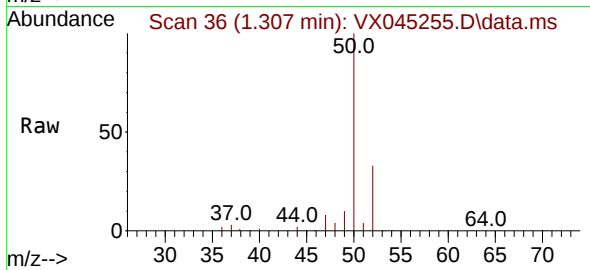
#3
Chloromethane
Concen: 46.512 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 66918
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4

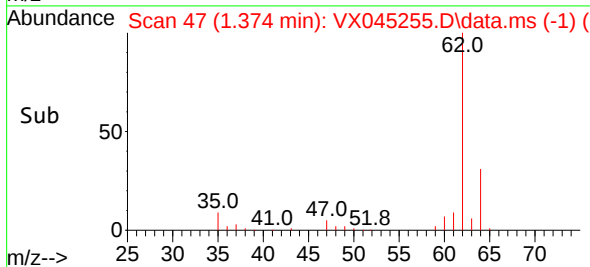
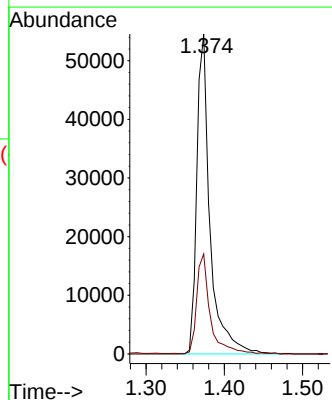
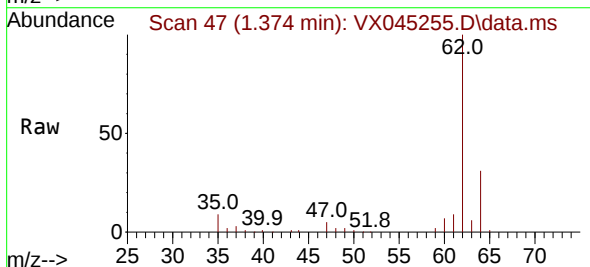
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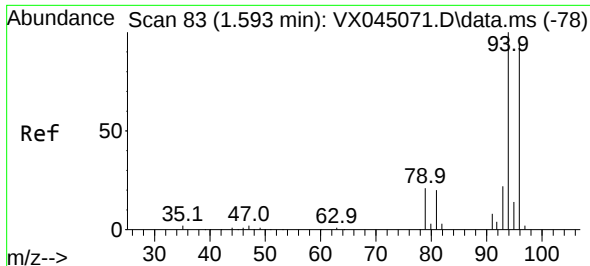
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#4
Vinyl Chloride
Concen: 44.851 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

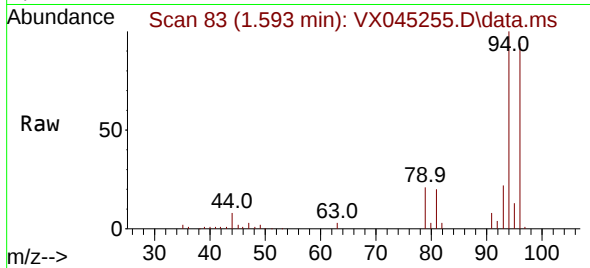
Tgt Ion: 62 Resp: 64013
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 50.415 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

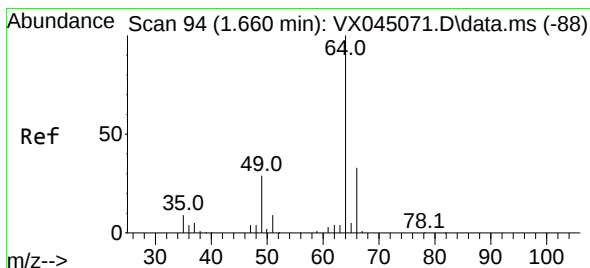
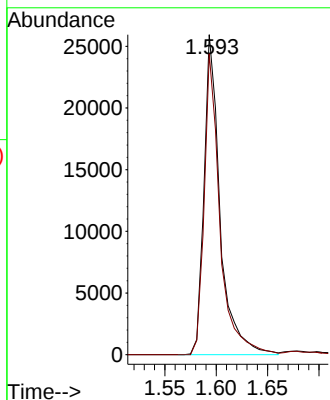
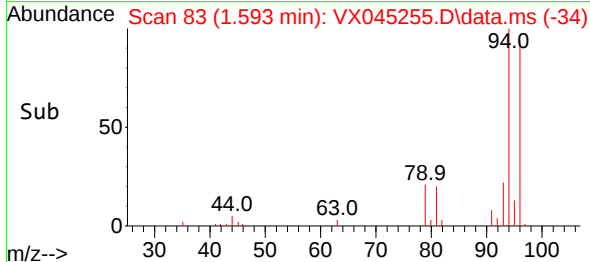
Instrument :
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Tgt Ion: 94 Resp: 28280
Ion Ratio Lower Upper
94 100
96 94.0 75.0 112.4

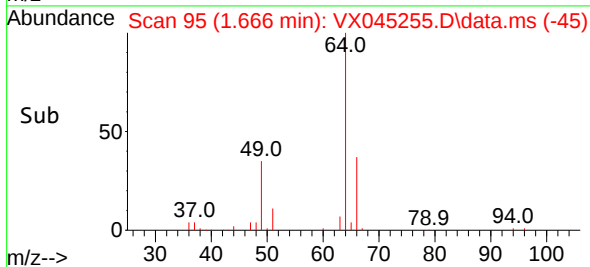
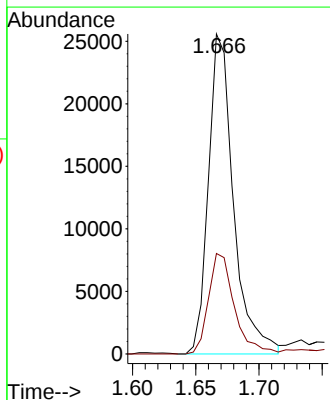
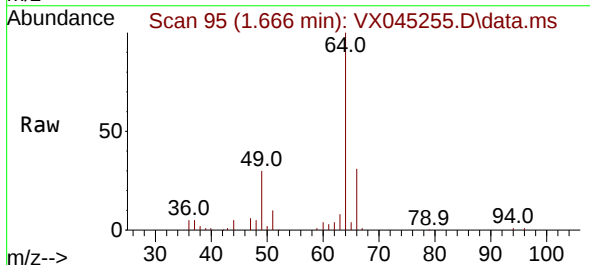
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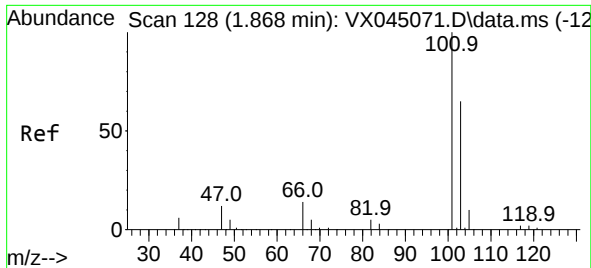
Reviewed By :John Carlone 03/13/2025
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#6
Chloroethane
Concen: 53.667 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

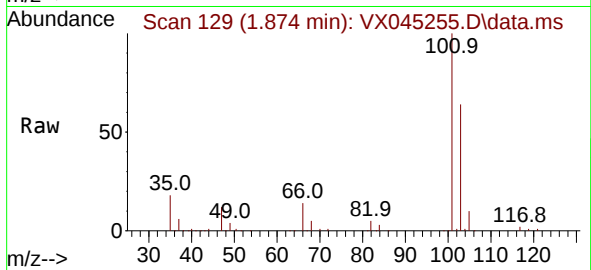
Tgt Ion: 64 Resp: 35330
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.572 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

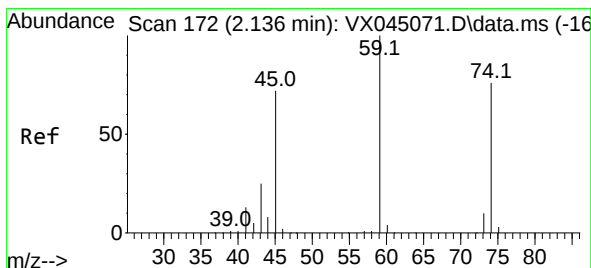
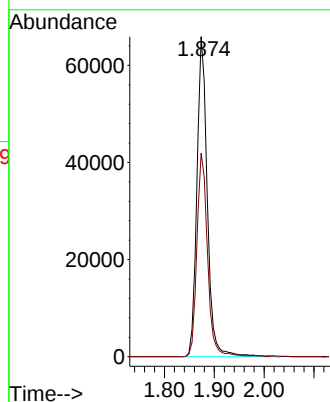
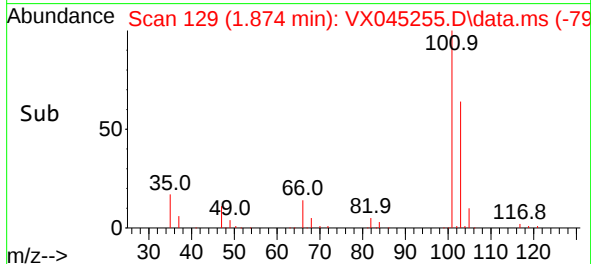
Instrument :
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ClientSampleId :
VSTDCCC050EC



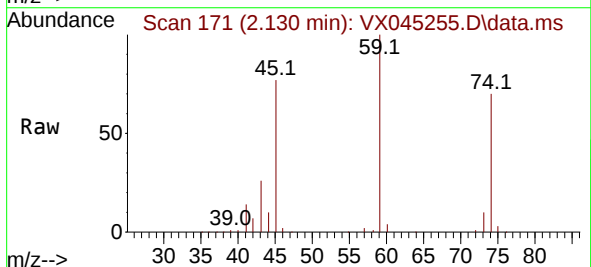
Tgt Ion:101 Resp: 95550
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

Manual Integrations
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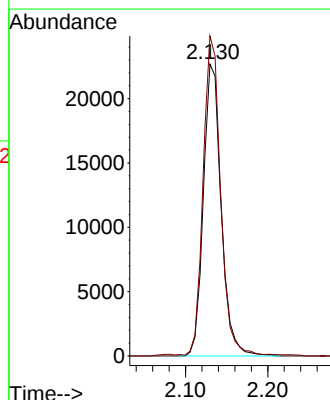
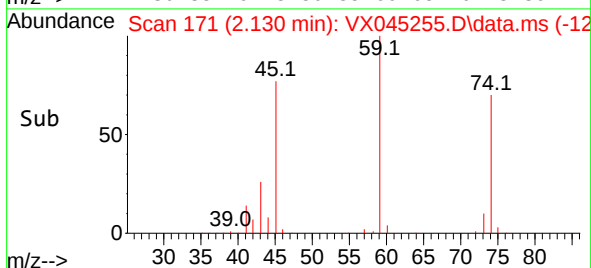
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

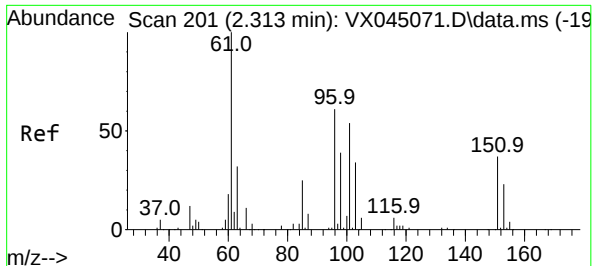


#8
Diethyl Ether
Concen: 46.150 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



Tgt Ion: 74 Resp: 34106
Ion Ratio Lower Upper
74 100
45 106.4 51.5 154.5





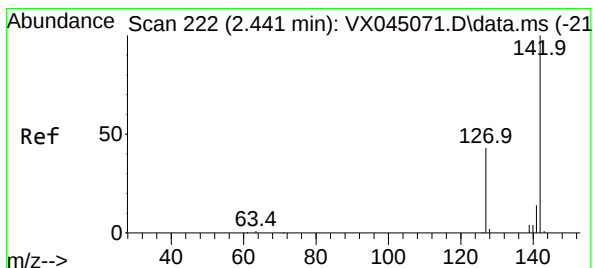
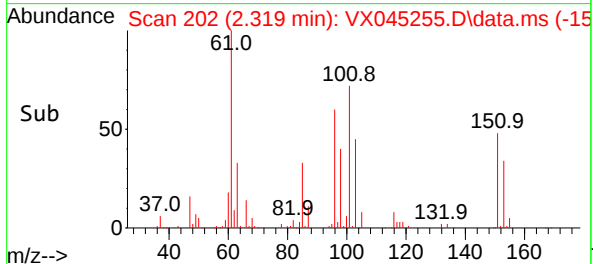
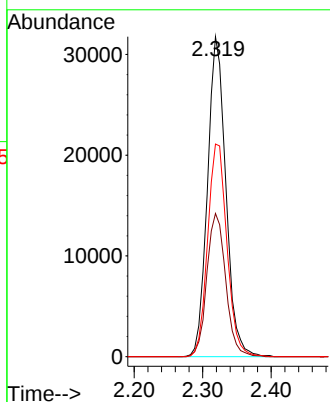
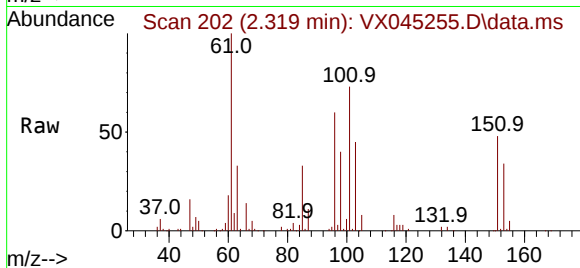
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.554 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

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Tgt Ion:101 Resp: 59218
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 69.8 56.4 84.6

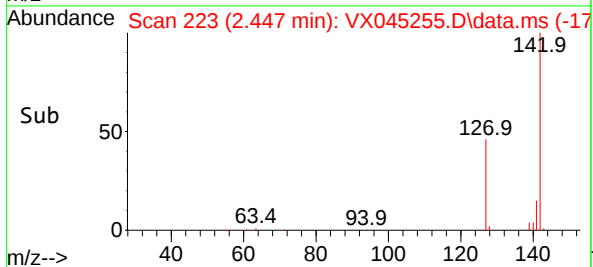
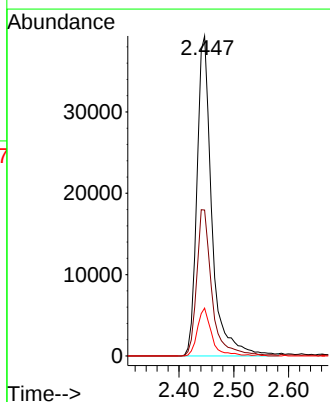
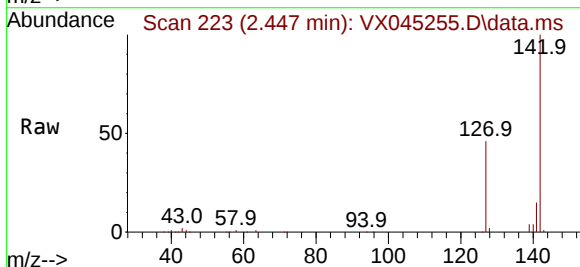
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#10
Methyl Iodide
Concen: 55.048 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion:142 Resp: 74674
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.2
141 14.4 11.6 17.4





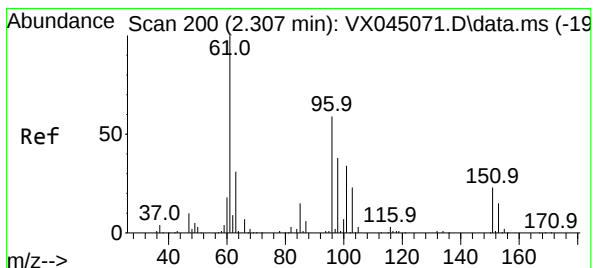
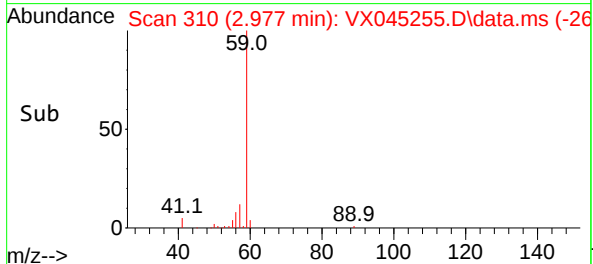
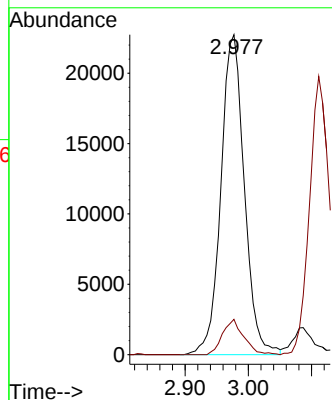
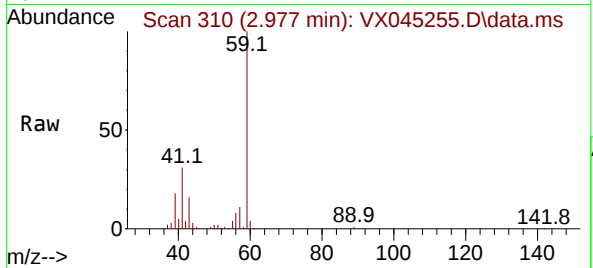
#11
Tert butyl alcohol
Concen: 207.664 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 58436
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

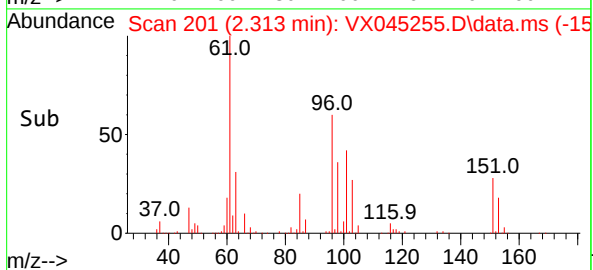
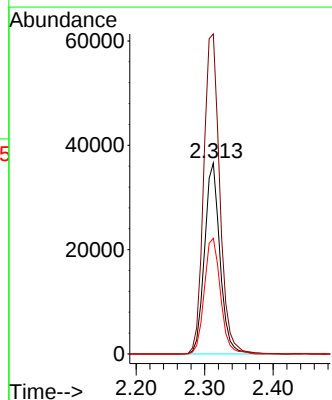
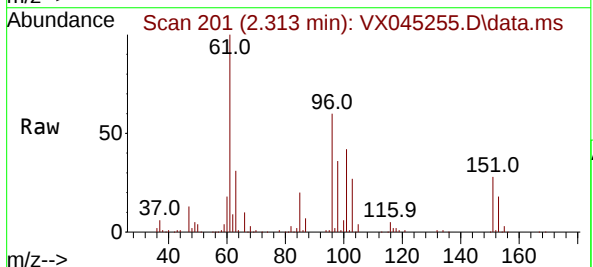
Manual Integrations
APPROVED

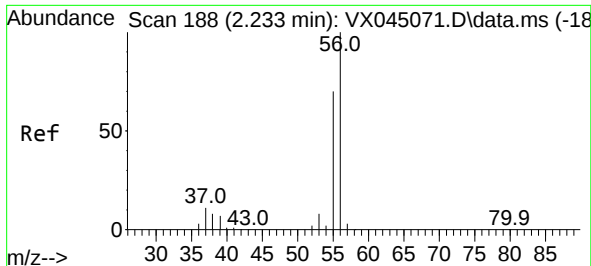
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#12
1,1-Dichloroethene
Concen: 50.035 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

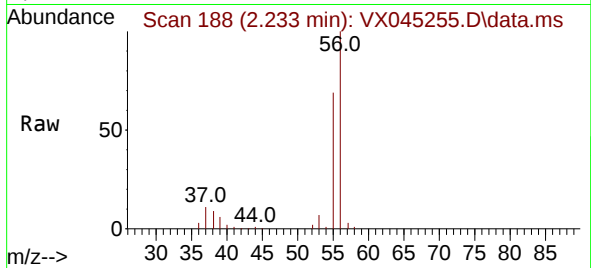
Tgt Ion: 96 Resp: 57422
Ion Ratio Lower Upper
96 100
61 167.7 134.6 202.0
98 60.6 51.0 76.6





#13
Acrolein
Concen: 248.962 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

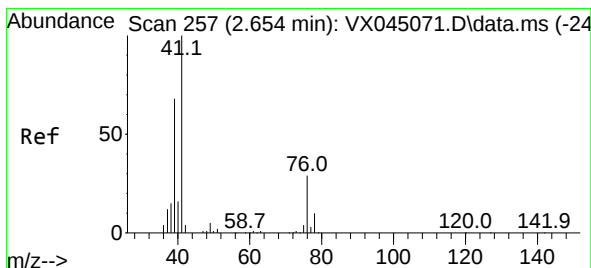
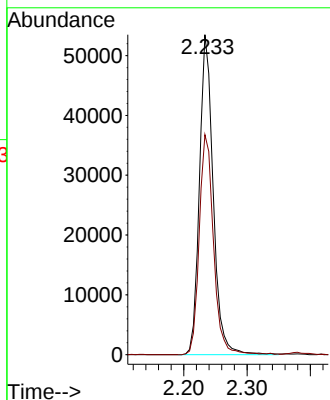
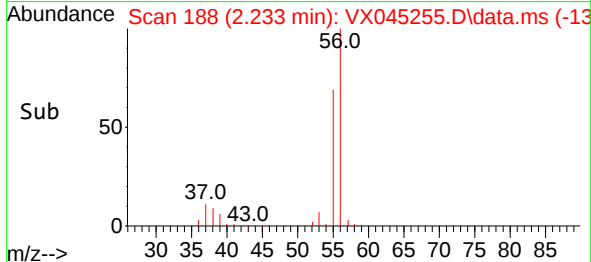
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 80984
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.4

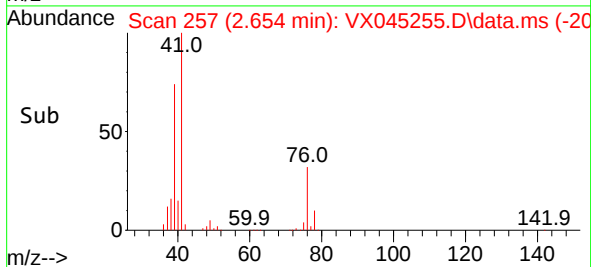
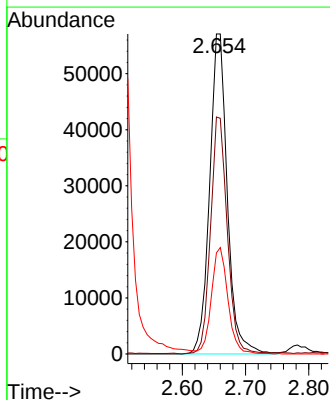
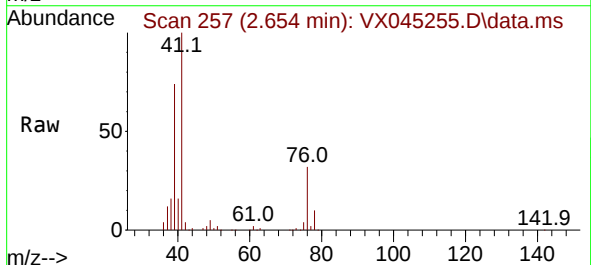
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#14
Allyl chloride
Concen: 54.292 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

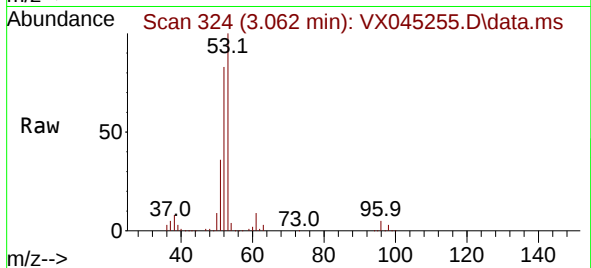
Tgt Ion: 41 Resp: 110910
Ion Ratio Lower Upper
41 100
39 70.2 53.8 80.8
76 31.2 25.2 37.8





#15
Acrylonitrile
Concen: 267.331 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

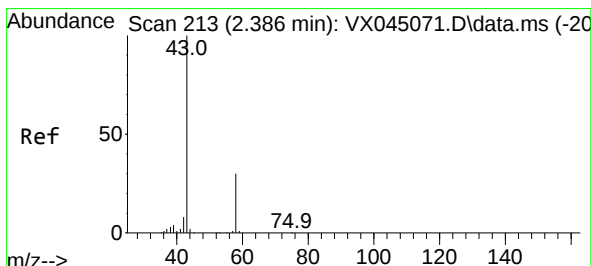
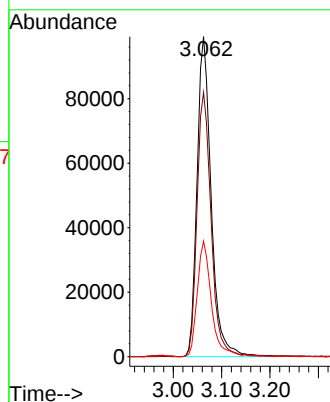
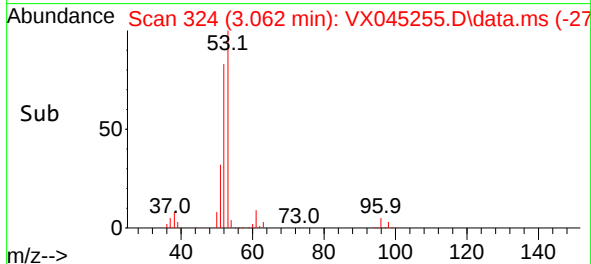
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 201614
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 36.3 29.0 43.4

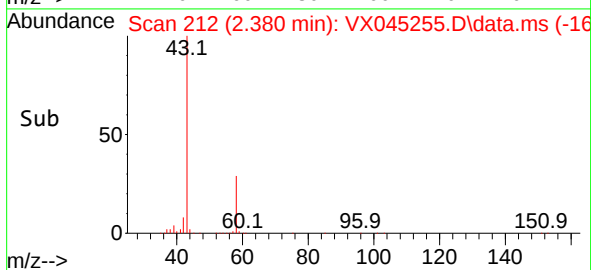
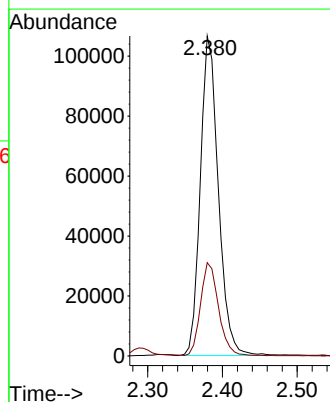
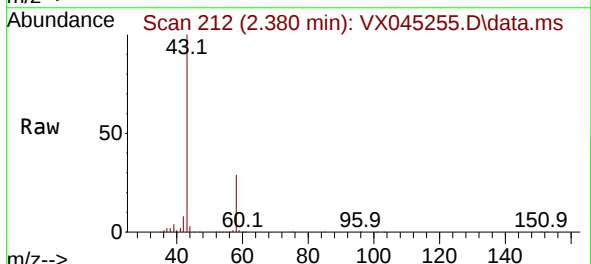
Manual Integrations
APPROVED

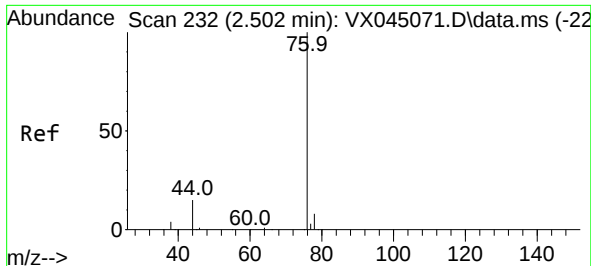
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#16
Acetone
Concen: 259.217 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 43 Resp: 178671
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.4





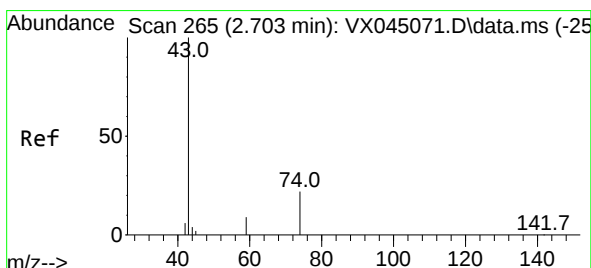
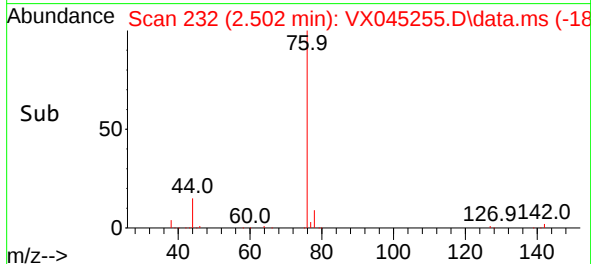
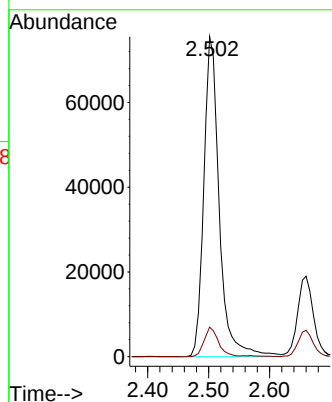
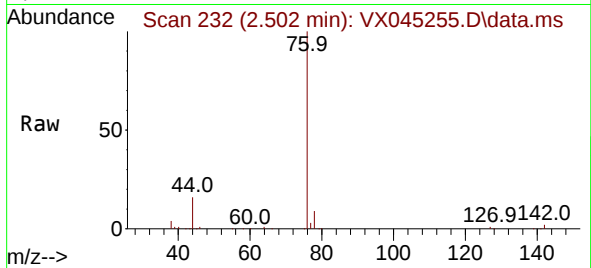
#17
Carbon Disulfide
Concen: 43.523 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 13303
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8

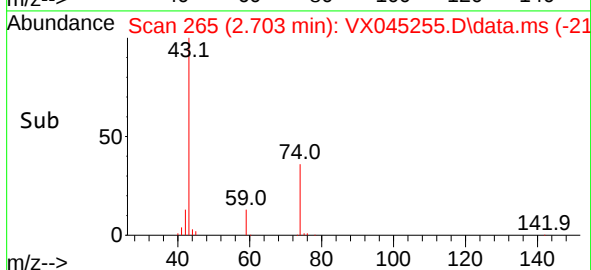
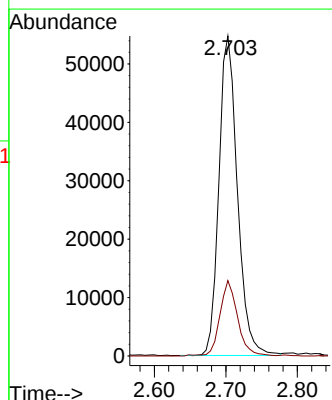
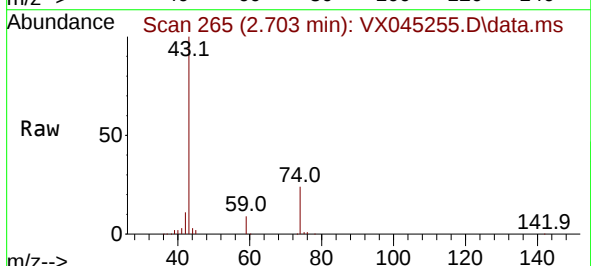
Manual Integrations
APPROVED

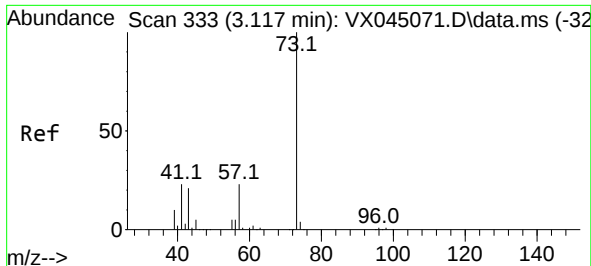
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#18
Methyl Acetate
Concen: 59.434 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

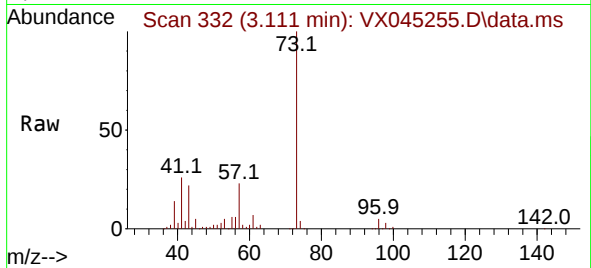
Tgt Ion: 43 Resp: 98551
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 51.613 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

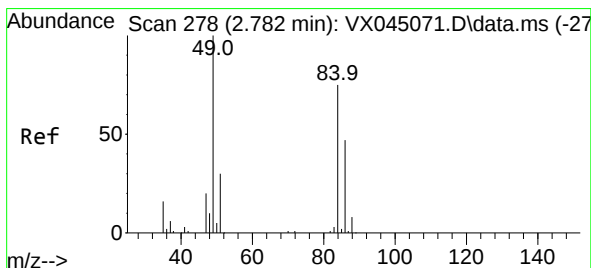
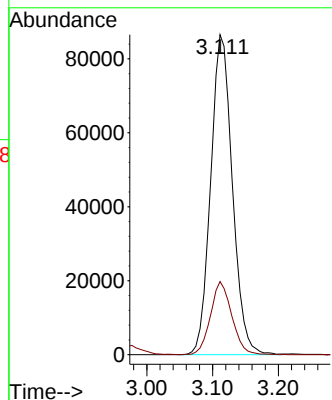
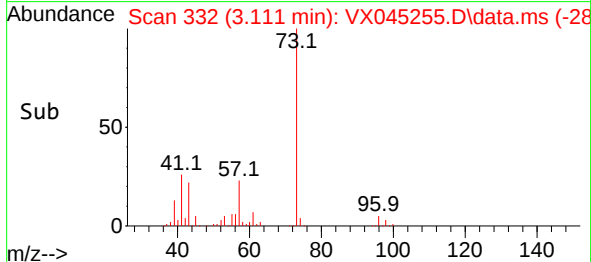
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 198728
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

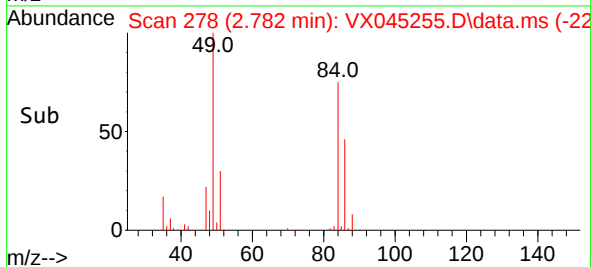
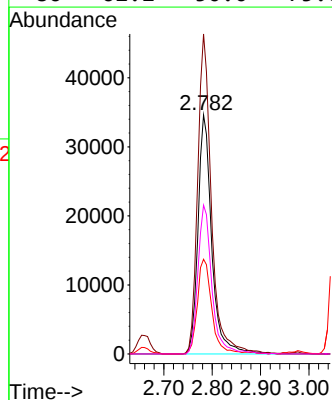
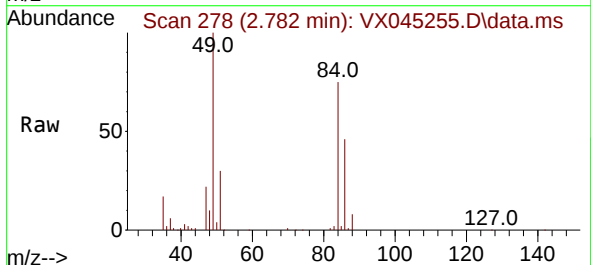
Manual Integrations
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Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#20
Methylene Chloride
Concen: 50.063 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

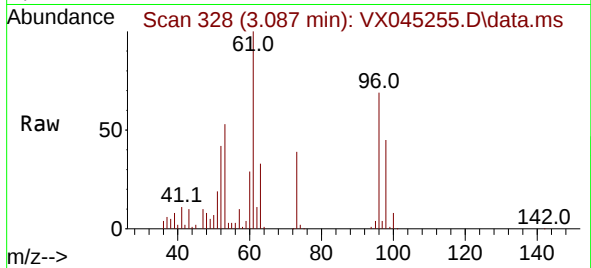
Tgt Ion: 84 Resp: 68354
Ion Ratio Lower Upper
84 100
49 133.9 106.5 159.7
51 39.7 32.1 48.1
86 62.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 50.727 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

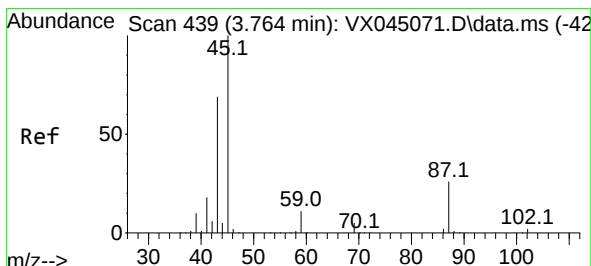
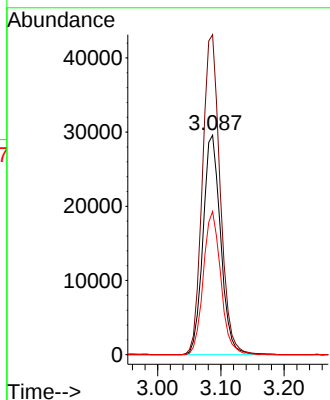
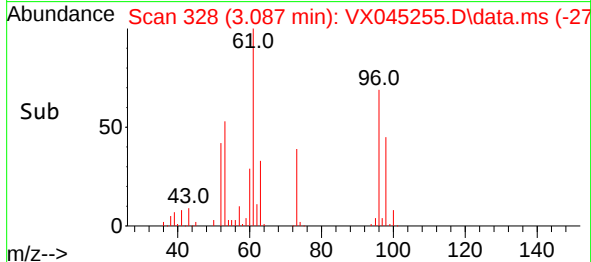
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



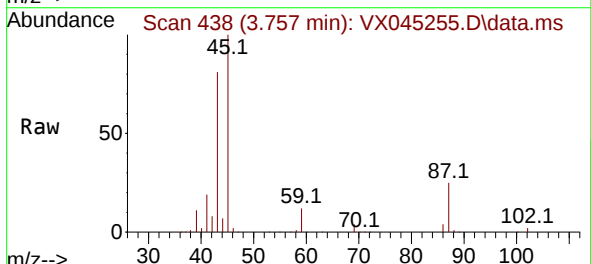
Tgt Ion: 96 Resp: 57514
Ion Ratio Lower Upper
96 100
61 145.8 117.0 175.4
98 65.3 53.4 80.2

Manual Integrations
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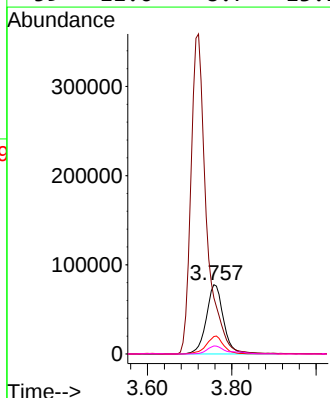
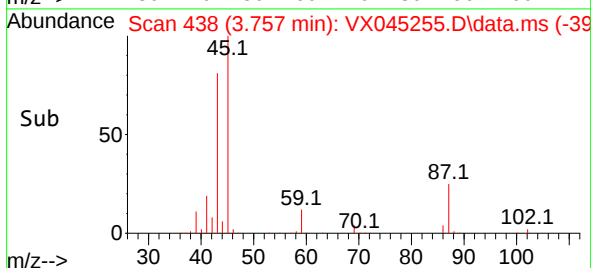
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

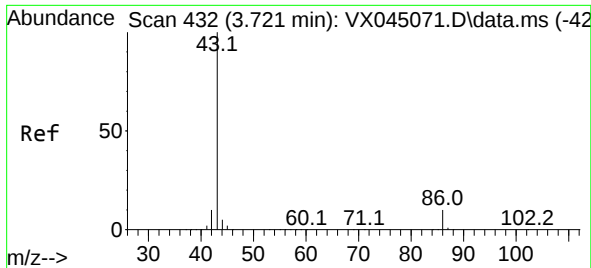


#22
Diisopropyl ether
Concen: 52.928 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



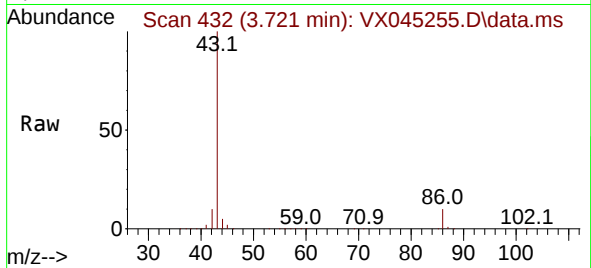
Tgt Ion: 45 Resp: 219898
Ion Ratio Lower Upper
45 100
43 80.7 54.9 82.3
87 25.1 21.0 31.4
59 11.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 264.740 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045255.D
 Acq: 12 Mar 2025 17:41

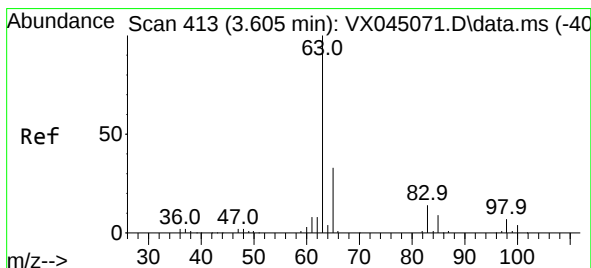
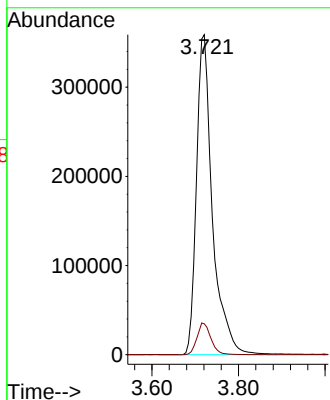
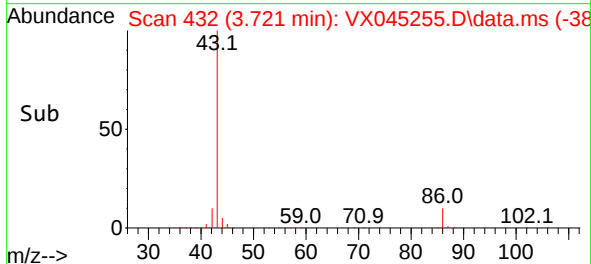
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



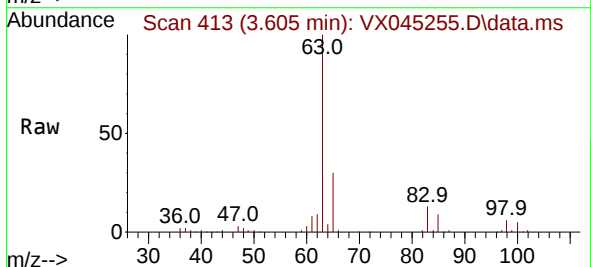
Tgt Ion: 43 Resp: 917878
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

Manual Integrations
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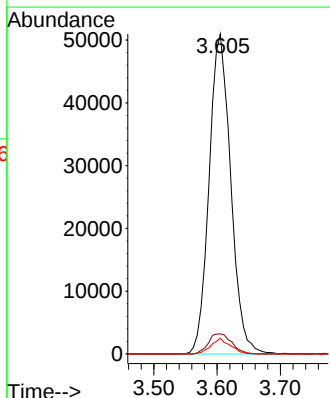
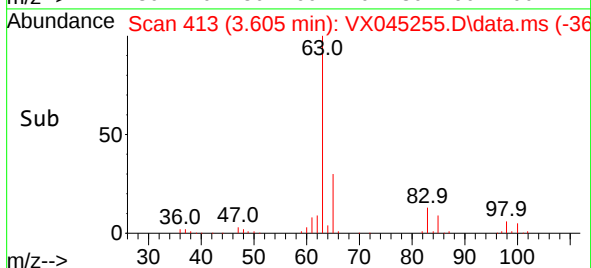
Reviewed By :John Carlone 03/13/2025
 Supervised By :Mahesh Dadoda 03/13/2025

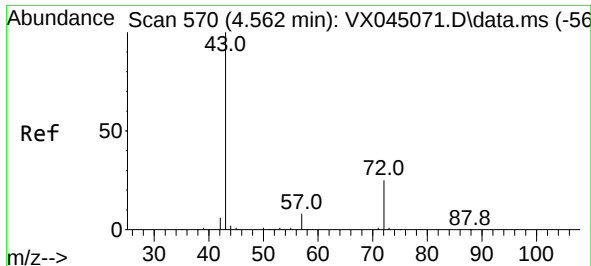


#24
 1,1-Dichloroethane
 Concen: 51.997 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045255.D
 Acq: 12 Mar 2025 17:41



Tgt Ion: 63 Resp: 121070
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.9 2.1 6.5





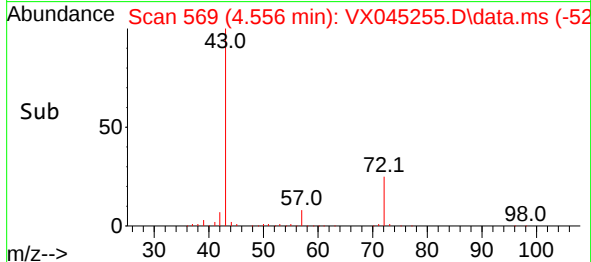
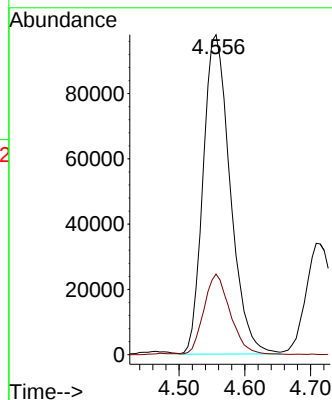
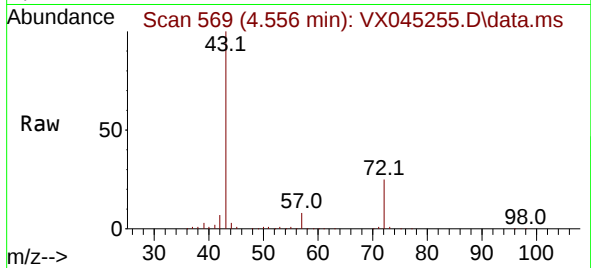
#25
2-Butanone
Concen: 270.527 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 280679
Ion Ratio Lower Upper
43 100
72 25.1 20.0 30.0

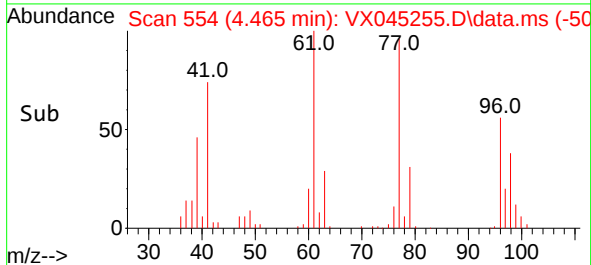
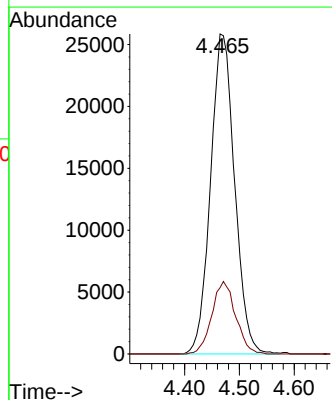
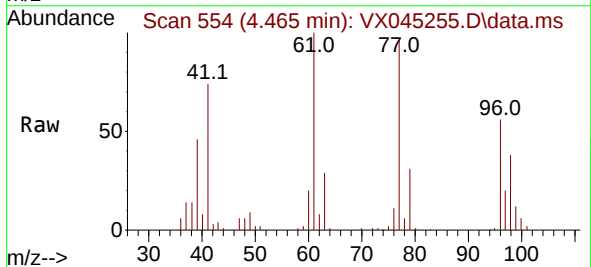
Manual Integrations
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Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#26
2,2-Dichloropropane
Concen: 72.241 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 77 Resp: 78898
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 51.364 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 71890

Ion Ratio Lower Upper

96 100

61 152.7 0.0 283.2

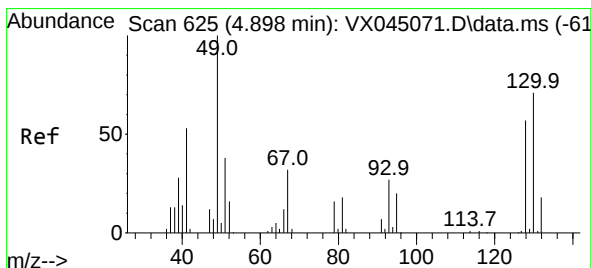
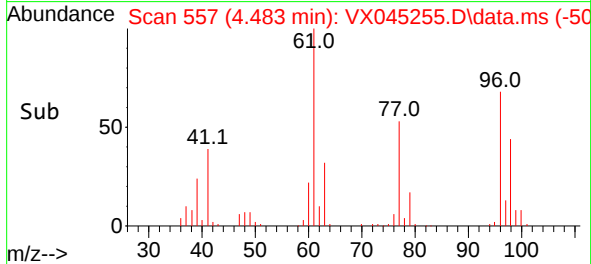
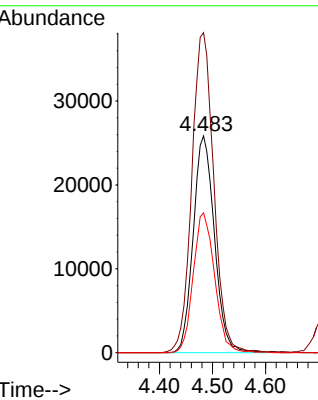
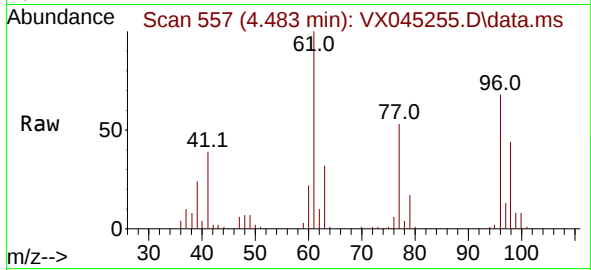
98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#28

Bromochloromethane

Concen: 49.953 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

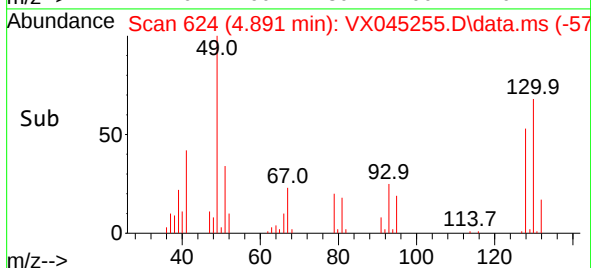
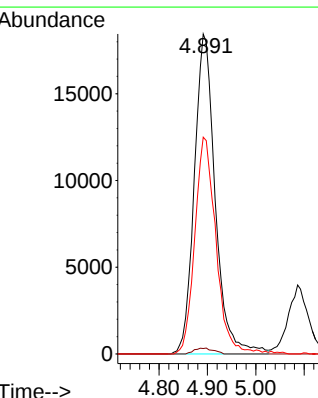
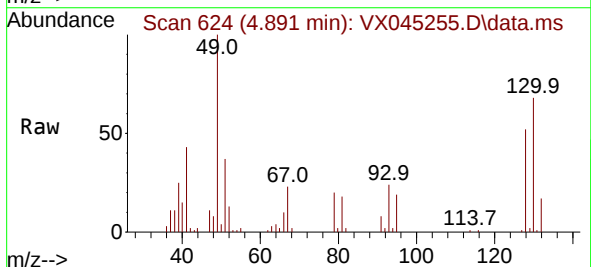
Tgt Ion: 49 Resp: 55439

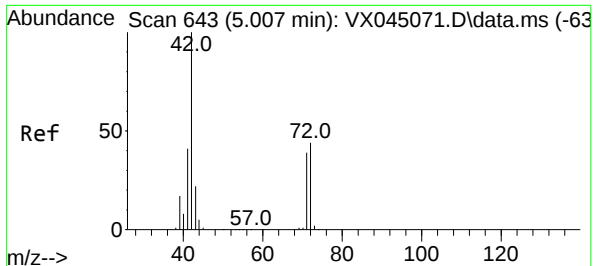
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 68.9 56.1 84.1





#29

Tetrahydrofuran

Concen: 254.157 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 177084

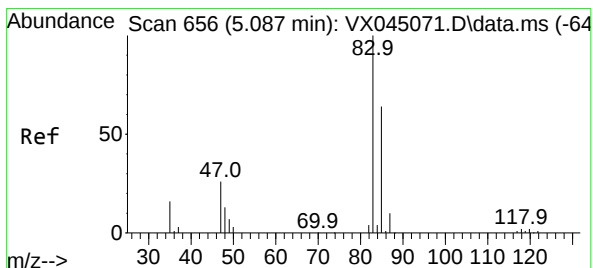
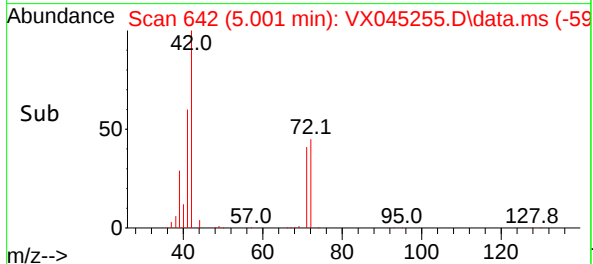
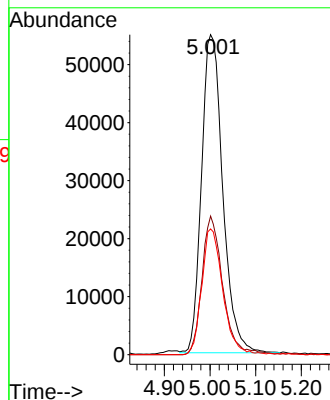
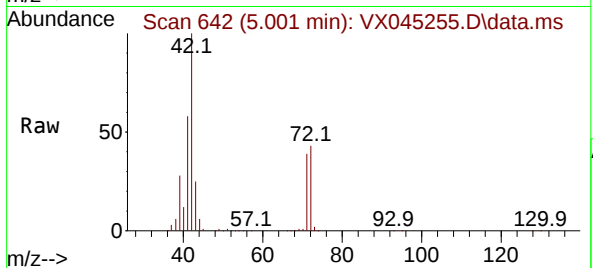
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.1	51.1
71	39.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#30

Chloroform

Concen: 52.001 ug/l

RT: 5.086 min Scan# 656

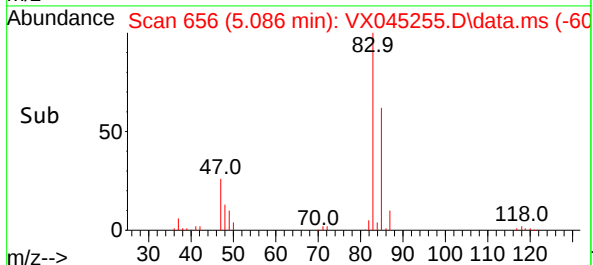
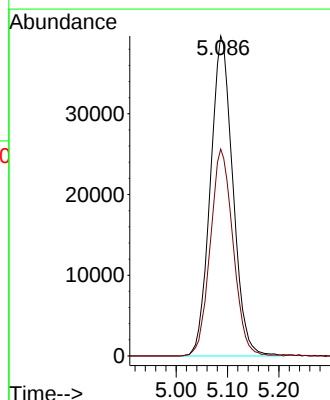
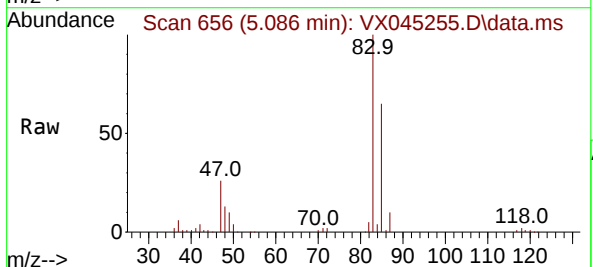
Delta R.T. -0.000 min

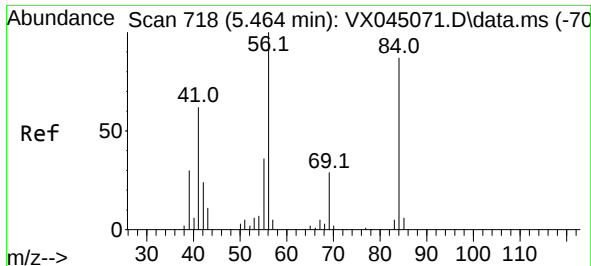
Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Tgt Ion: 83 Resp: 120307

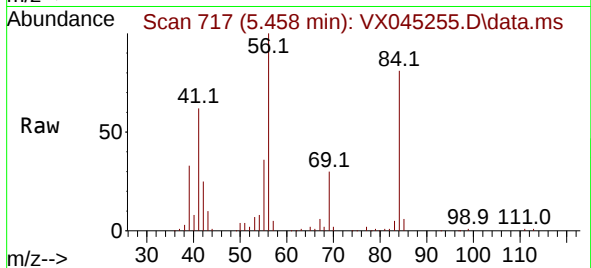
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2





#31
Cyclohexane
Concen: 50.579 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

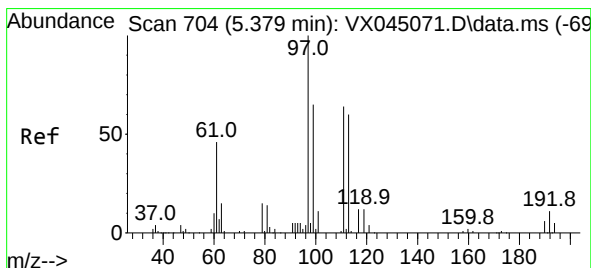
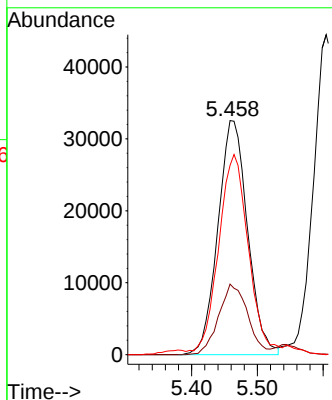
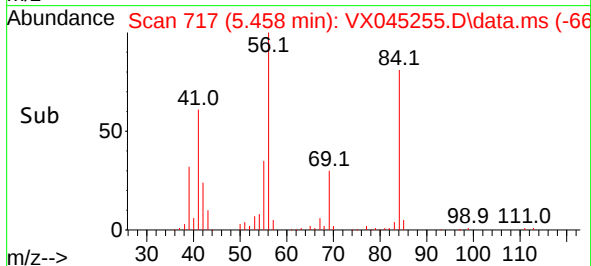
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 102229
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 78.9 69.4 104.2

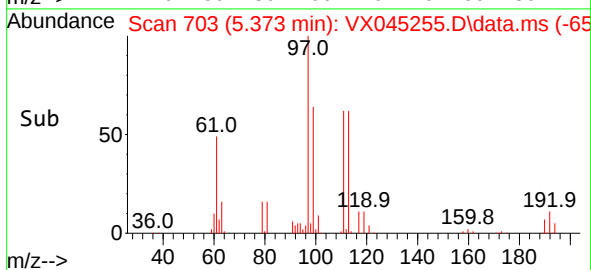
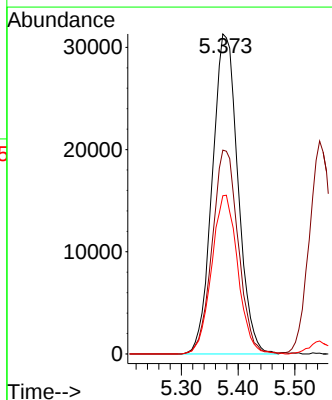
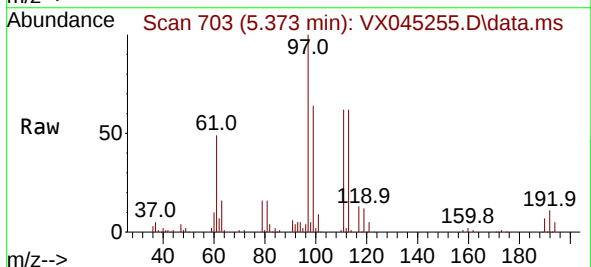
Manual Integrations
APPROVED

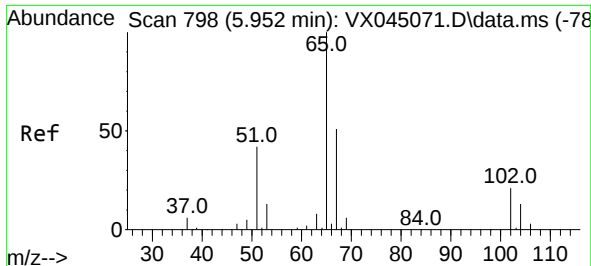
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#32
1,1,1-Trichloroethane
Concen: 52.647 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 97 Resp: 98373
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 50.6 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 53.514 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 79500

Ion Ratio Lower Upper

65 100

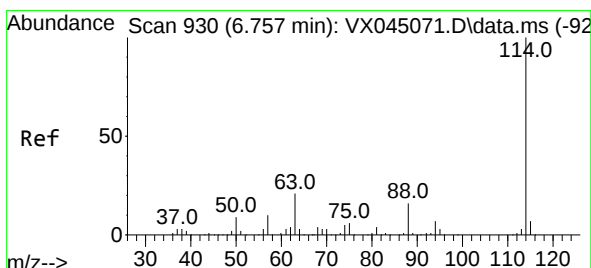
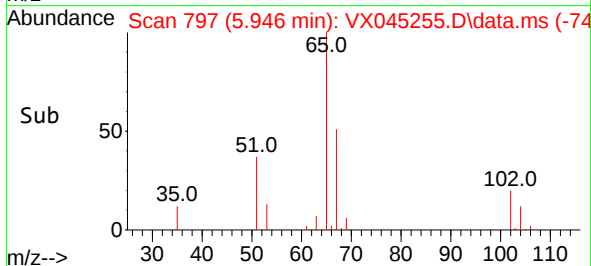
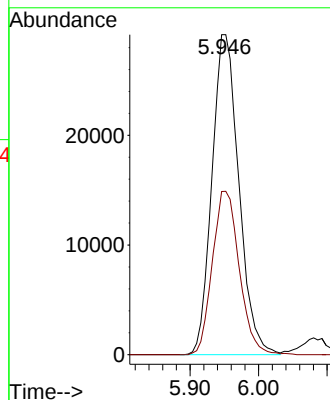
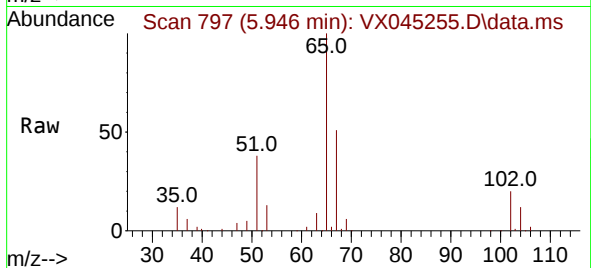
67 51.1 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

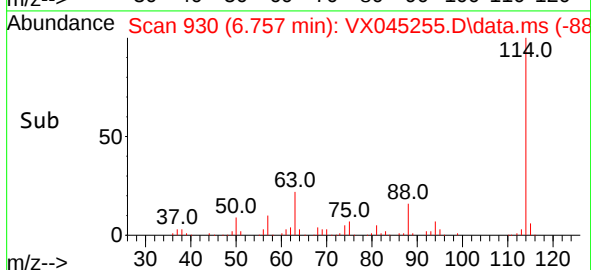
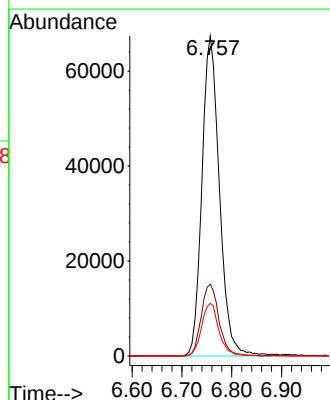
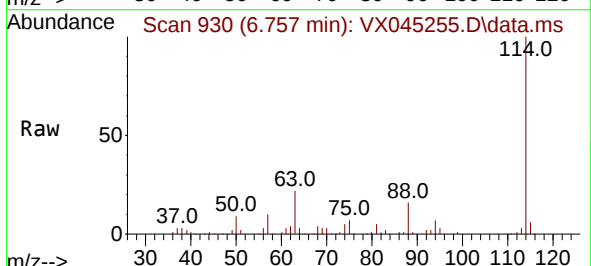
Tgt Ion:114 Resp: 164368

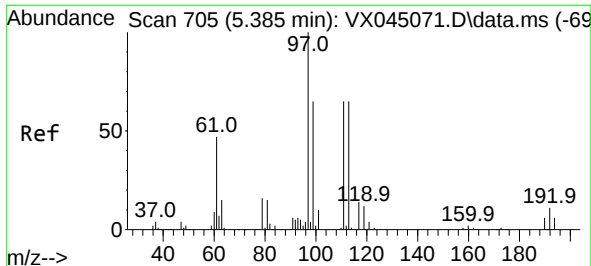
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

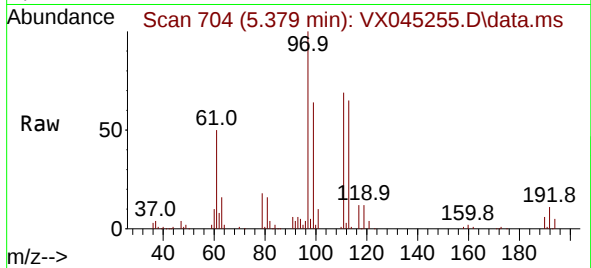
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.749 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

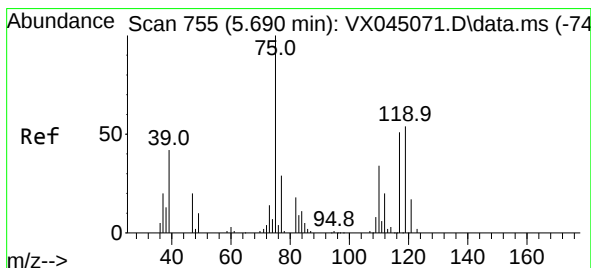
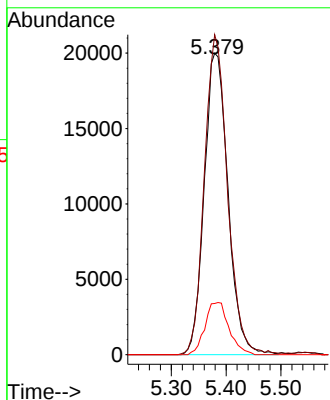
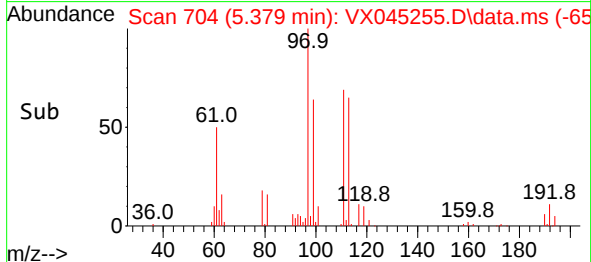
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 60174
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.4 14.3 21.5

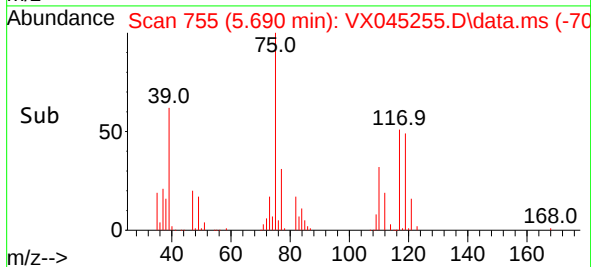
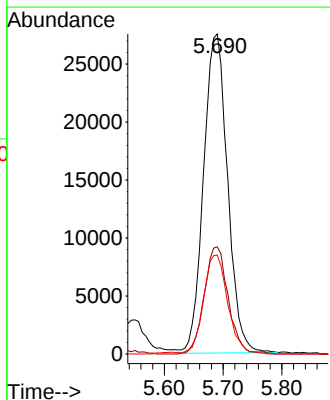
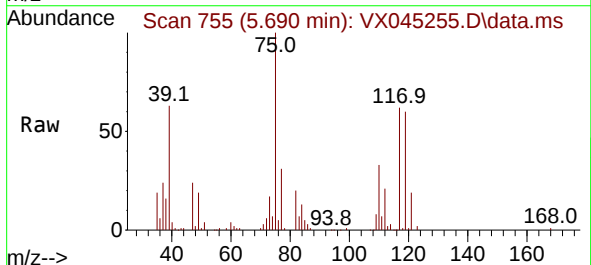
Manual Integrations
APPROVED

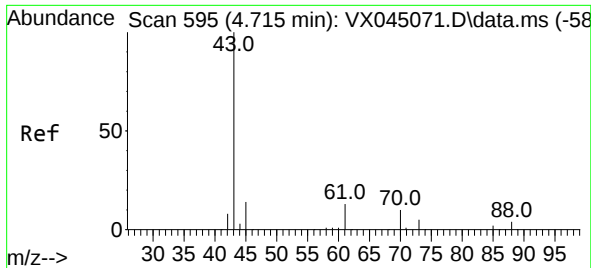
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#36
1,1-Dichloropropene
Concen: 52.005 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

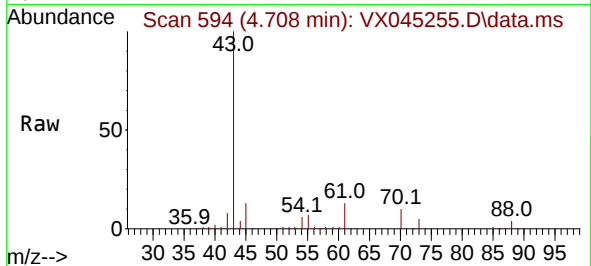
Tgt Ion: 75 Resp: 78386
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.6
77 31.1 24.5 36.7





#37
Ethyl Acetate
Concen: 52.776 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

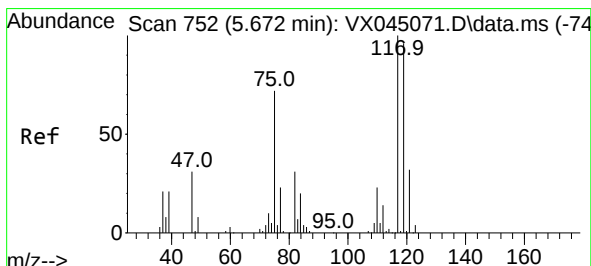
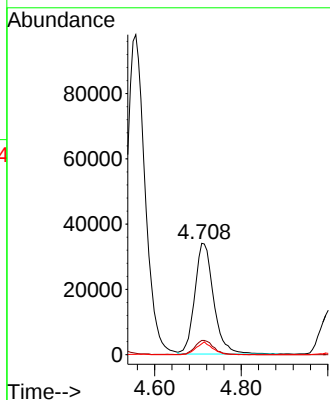
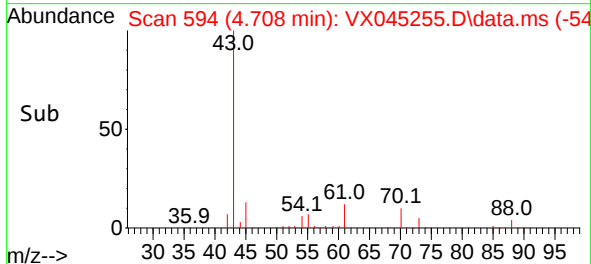
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10250
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 9.9 7.7 11.5

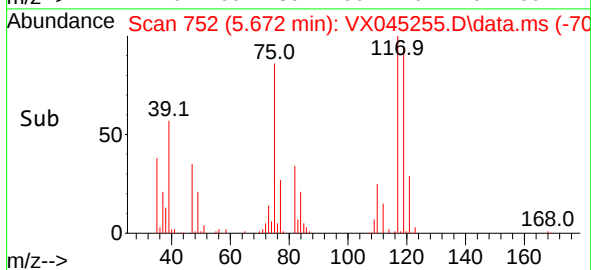
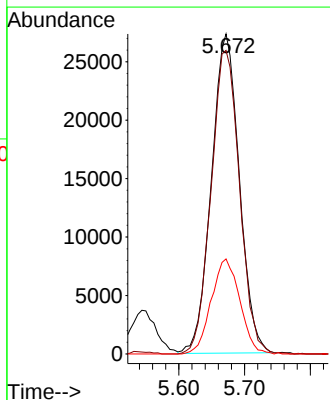
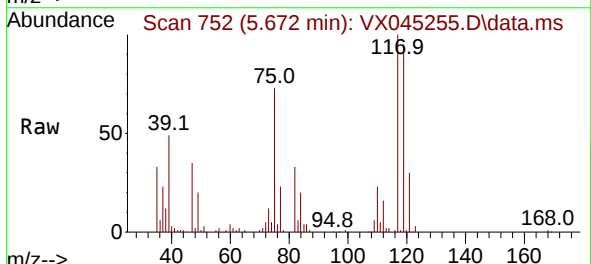
Manual Integrations
APPROVED

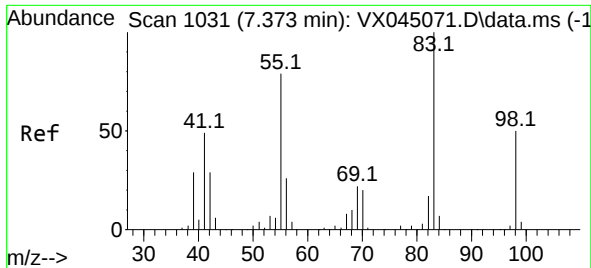
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#38
Carbon Tetrachloride
Concen: 52.683 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion:117 Resp: 80618
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 29.8 25.5 38.3





#39
Methylcyclohexane
Concen: 55.091 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

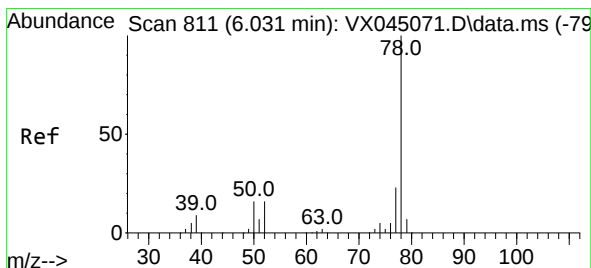
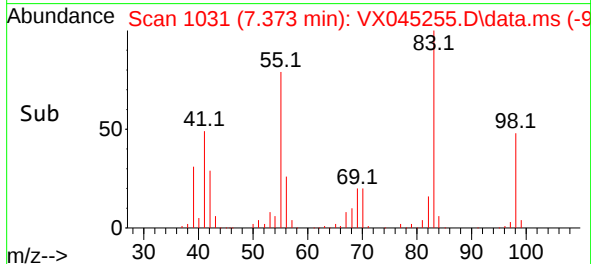
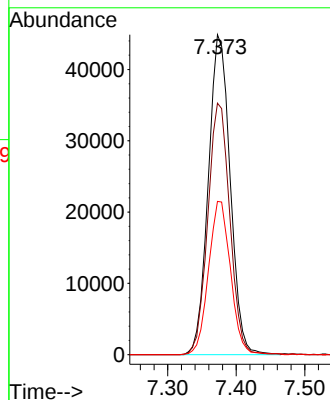
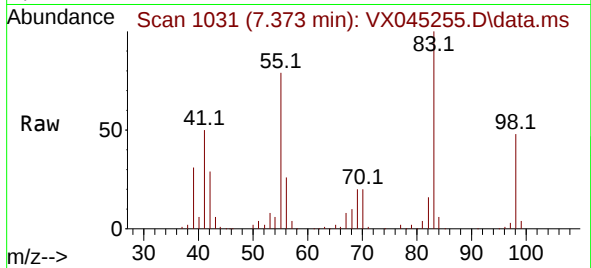
Tgt Ion: 83 Resp: 99499
Ion Ratio Lower Upper
83 100
55 78.6 63.0 94.4
98 47.9 39.7 59.5

Manual Integrations

APPROVED

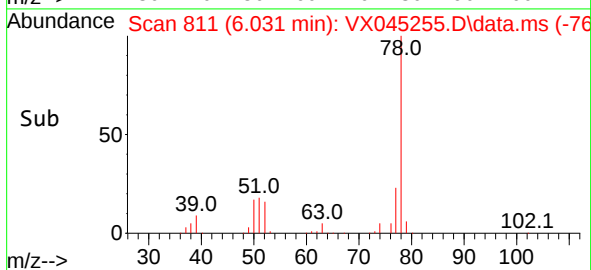
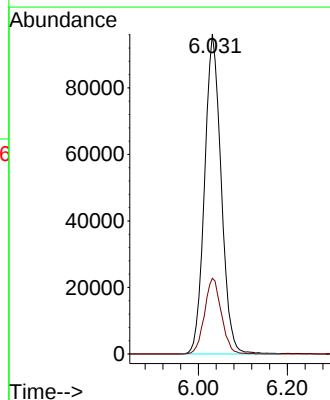
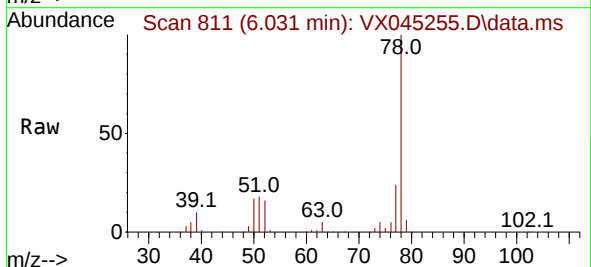
Reviewed By :John Carlone 03/13/2025

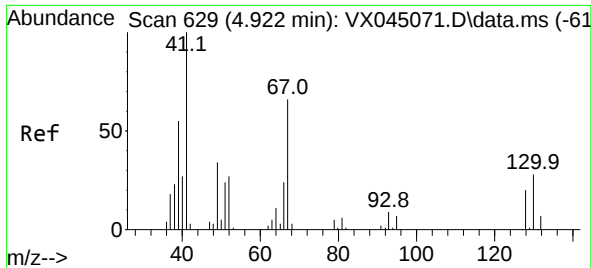
Supervised By :Mahesh Dadoda 03/13/2025



#40
Benzene
Concen: 52.525 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

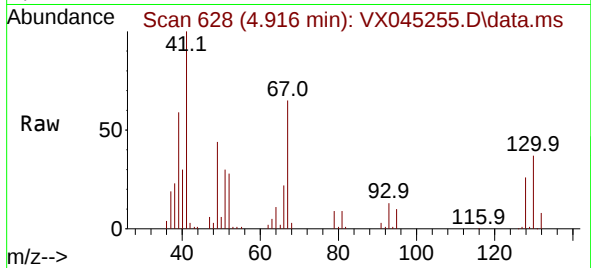
Tgt Ion: 78 Resp: 250003
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 56.668 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

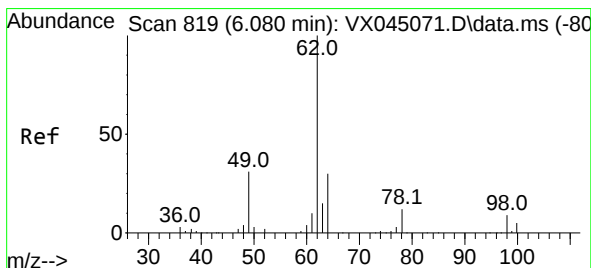
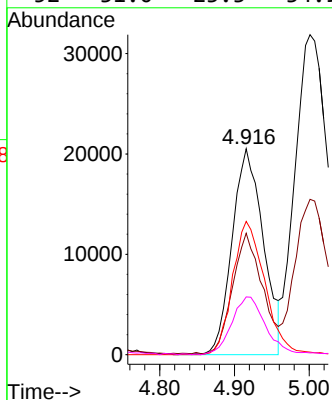
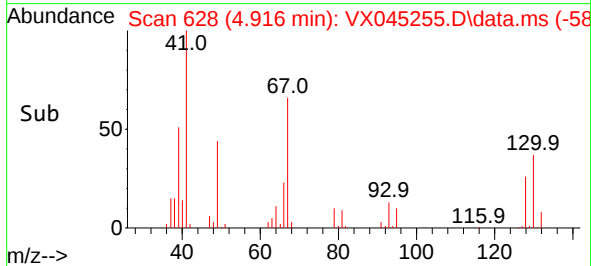
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5951
Ion Ratio Lower Upper
41 100
39 55.7 44.6 67.0
67 67.0 53.9 80.9
52 31.0 23.3 34.9

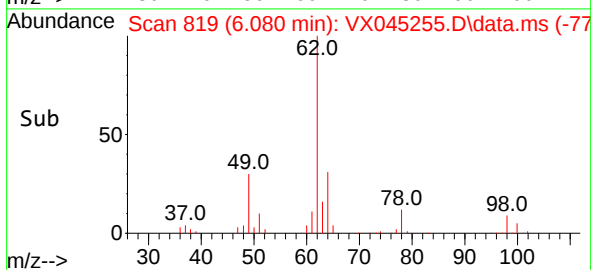
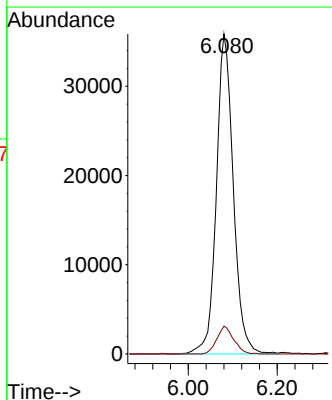
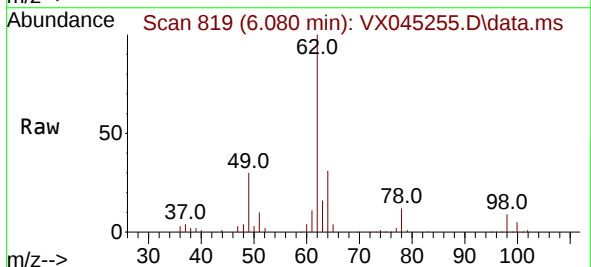
Manual Integrations
APPROVED

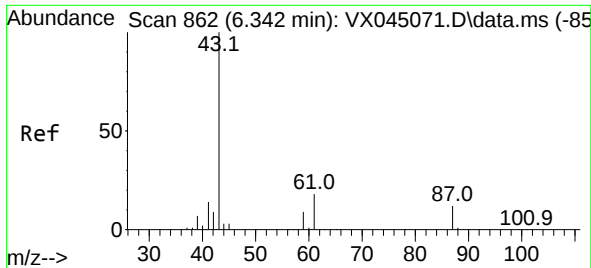
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#42
1,2-Dichloroethane
Concen: 55.241 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

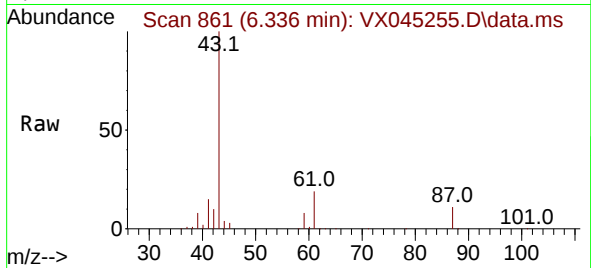
Tgt Ion: 62 Resp: 94681
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 55.386 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

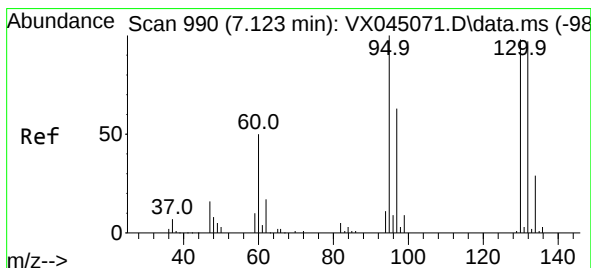
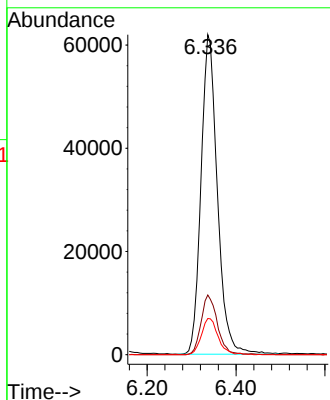
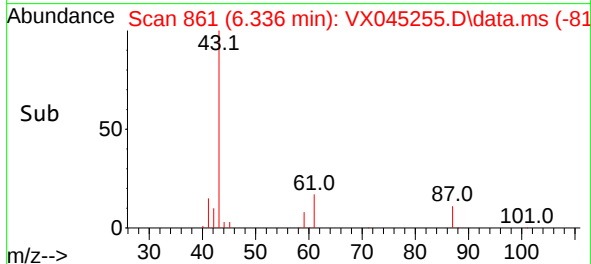
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15906
Ion Ratio Lower Upper
43 100
61 18.5 14.9 22.3
87 11.6 9.4 14.2

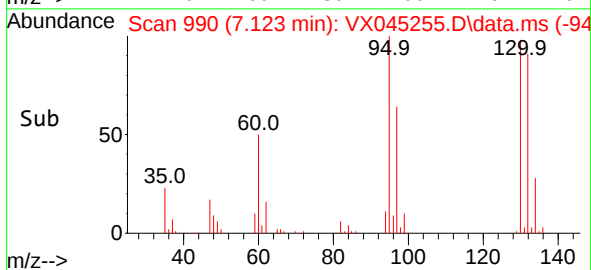
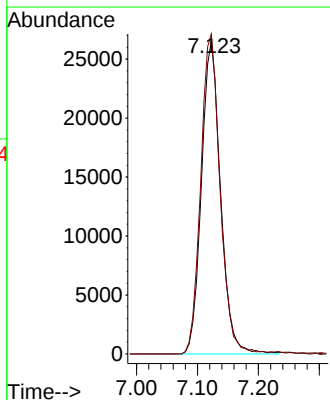
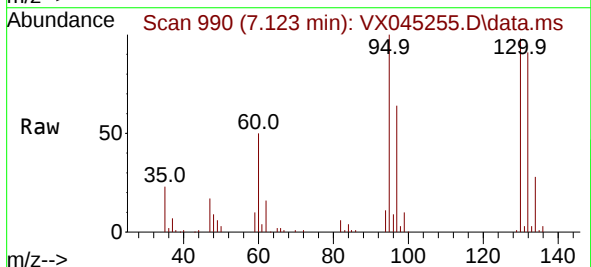
Manual Integrations
APPROVED

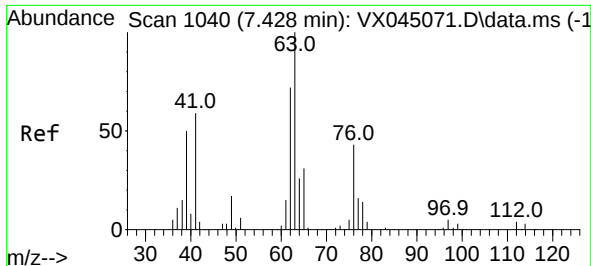
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#44
Trichloroethene
Concen: 51.820 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

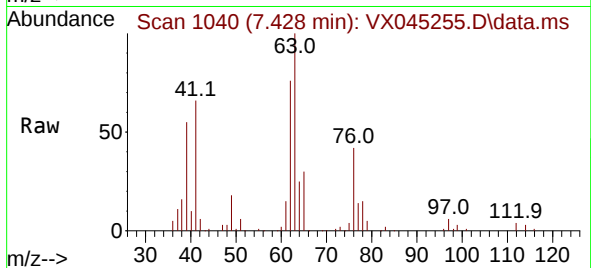
Tgt Ion:130 Resp: 57915
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.0





#45
1,2-Dichloropropane
Concen: 51.601 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

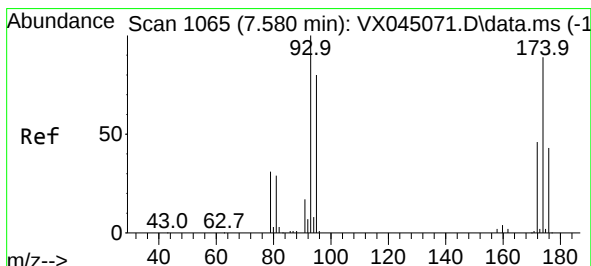
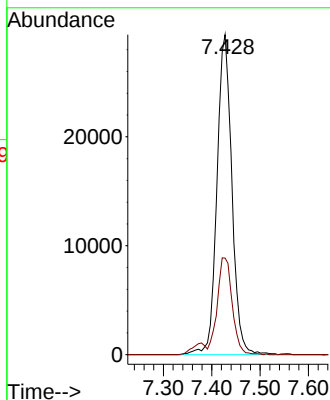
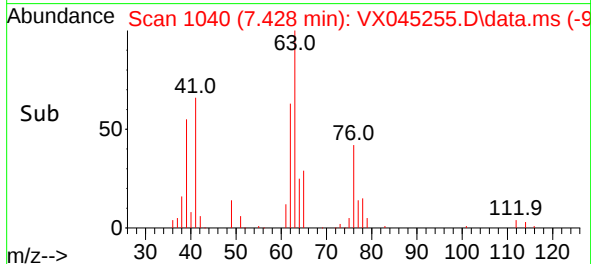
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 6314
Ion Ratio Lower Upper
63 100
65 30.2 24.7 37.1

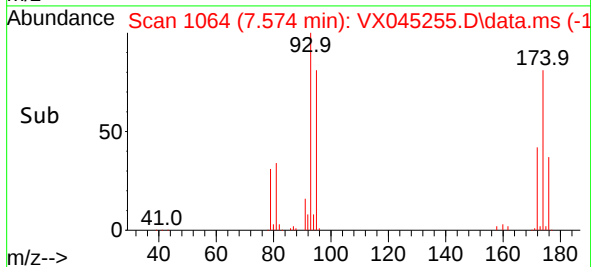
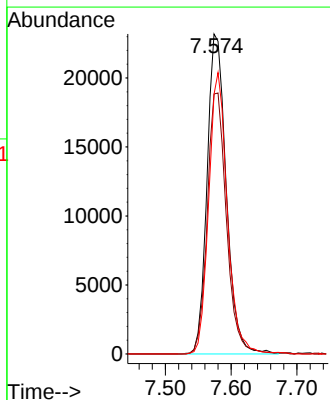
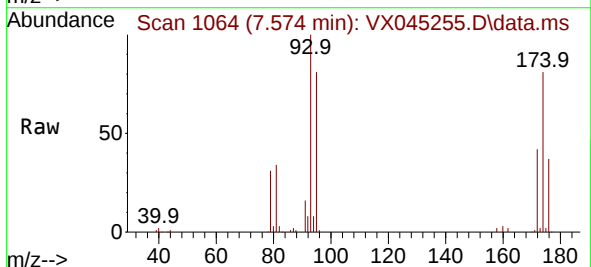
Manual Integrations
APPROVED

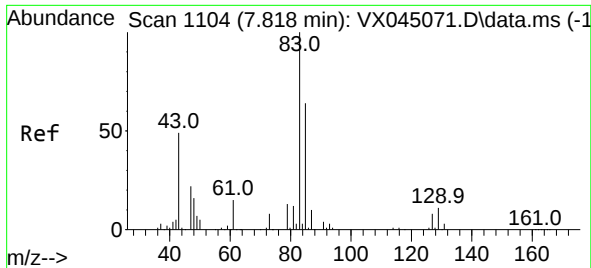
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#46
Dibromomethane
Concen: 54.467 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 93 Resp: 47112
Ion Ratio Lower Upper
93 100
95 81.6 65.8 98.8
174 85.5 72.2 108.2





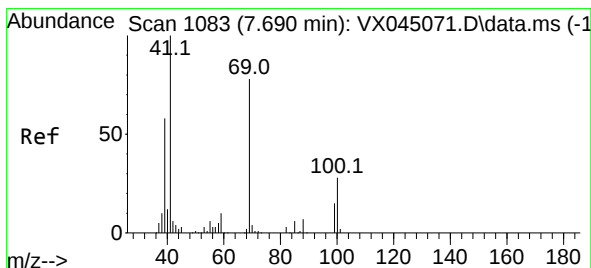
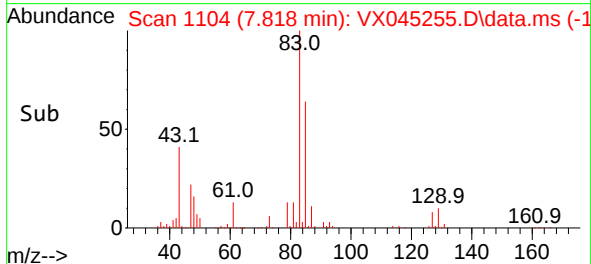
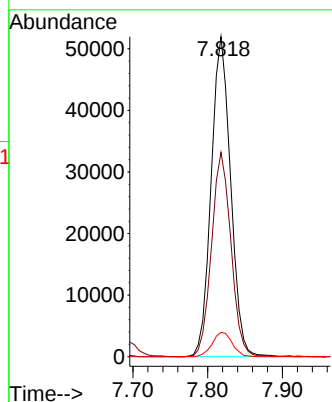
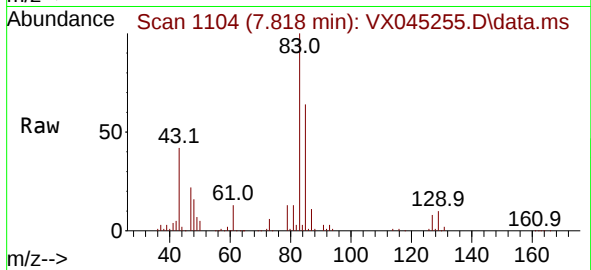
#47
Bromodichloromethane
Concen: 55.411 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9401
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 7.6 6.4 9.6

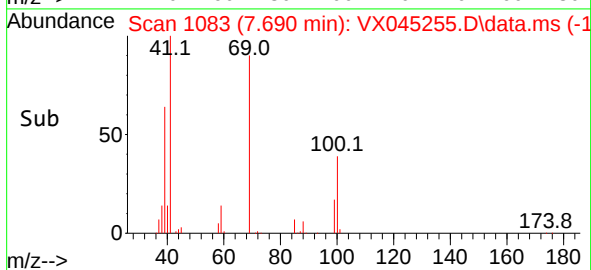
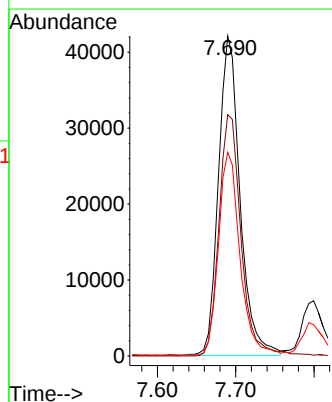
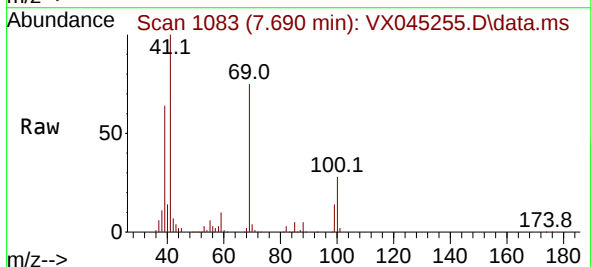
Manual Integrations
APPROVED

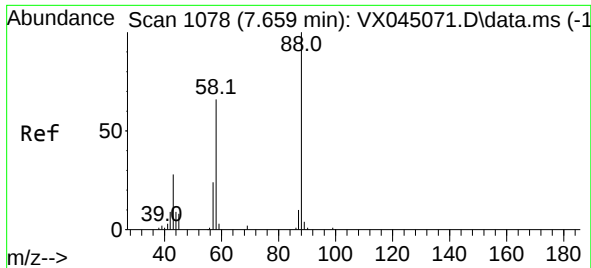
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#48
Methyl methacrylate
Concen: 55.963 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

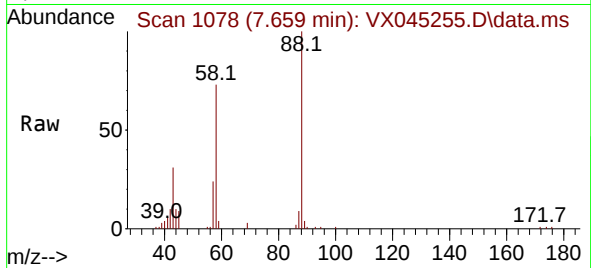
Tgt Ion: 41 Resp: 80635
Ion Ratio Lower Upper
41 100
69 77.6 63.0 94.6
39 63.5 47.5 71.3





#49
1,4-Dioxane
Concen: 877.723 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

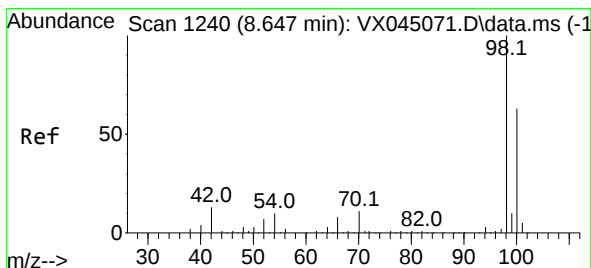
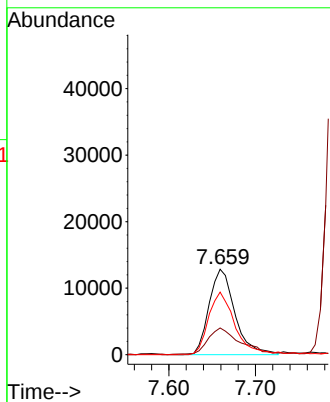
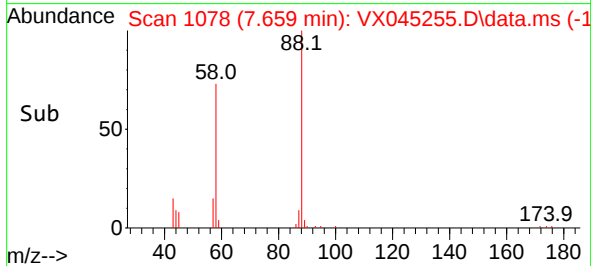
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2667
Ion Ratio Lower Upper
88 100
43 40.6 28.7 43.1
58 74.7 55.8 83.8

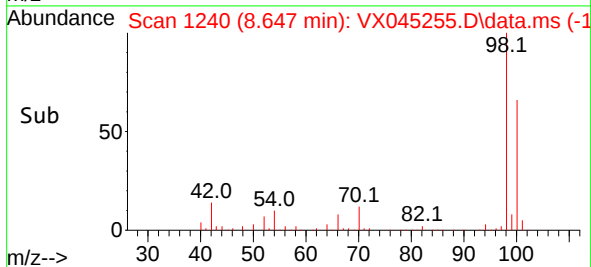
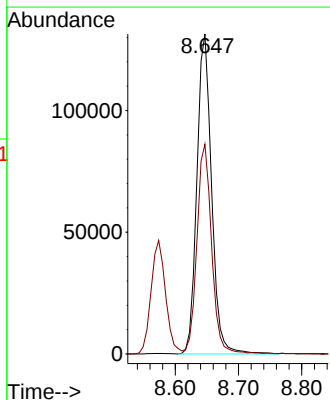
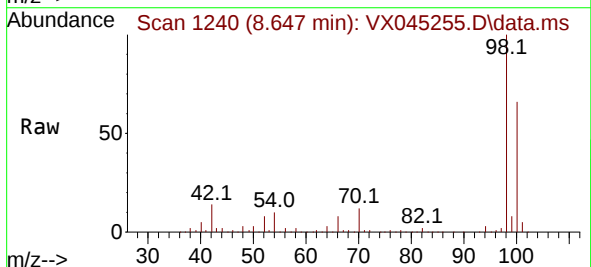
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#50
Toluene-d8
Concen: 53.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 98 Resp: 213132
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 282.851 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

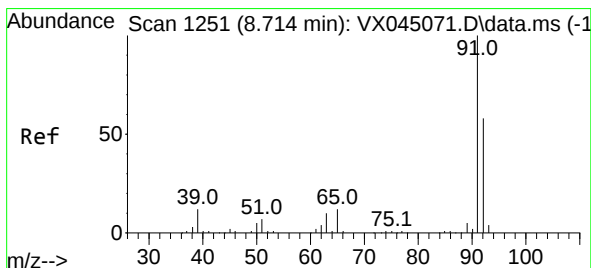
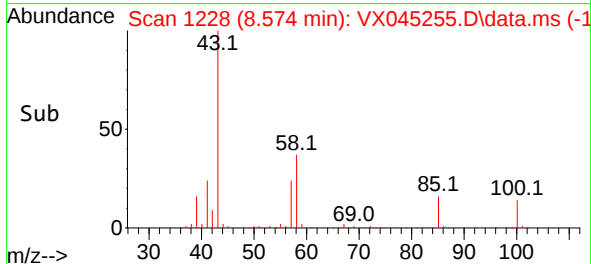
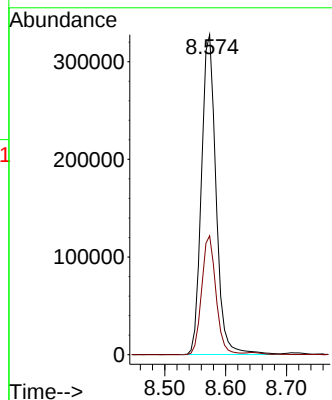
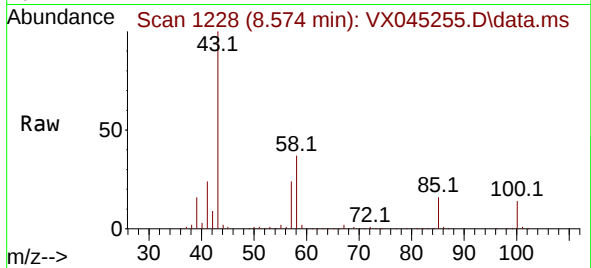
Tgt Ion: 43 Resp: 545448
Ion Ratio Lower Upper
43 100
58 36.4 29.2 43.8

Manual Integrations

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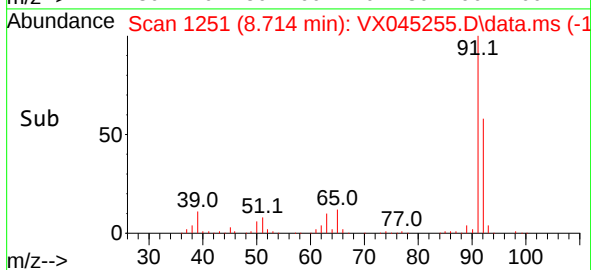
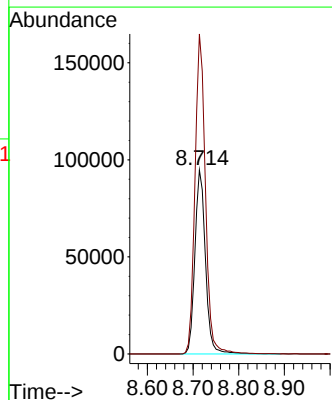
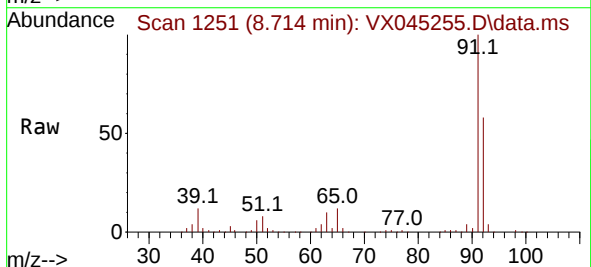
Reviewed By :John Carlone 03/13/2025

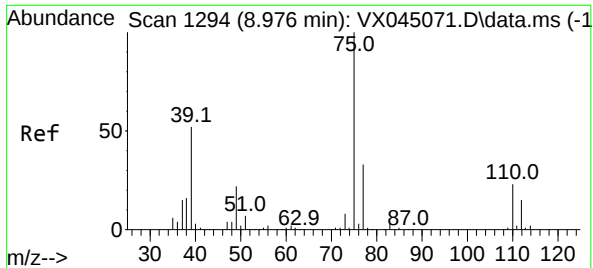
Supervised By :Mahesh Dadoda 03/13/2025



#52
Toluene
Concen: 54.592 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 92 Resp: 152454
Ion Ratio Lower Upper
92 100
91 171.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 57.801 ug/l

RT: 8.976 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 81984

Ion Ratio Lower Upper

75 100

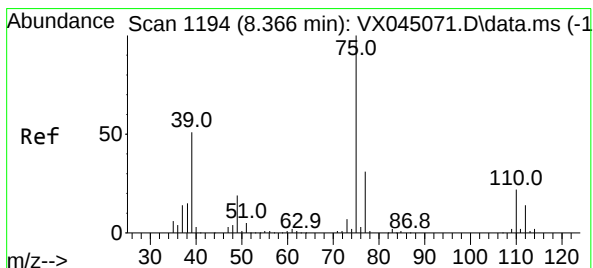
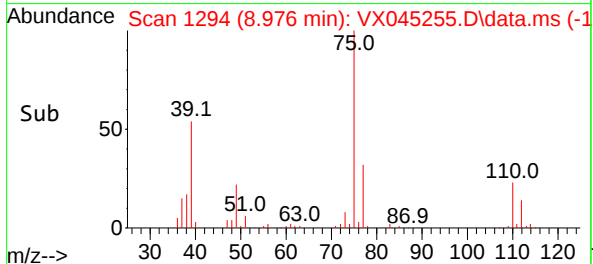
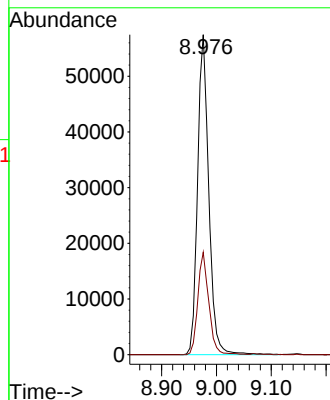
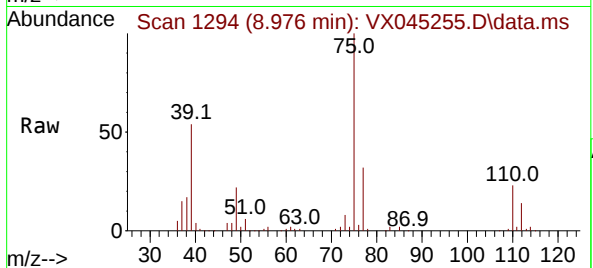
77 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#54

cis-1,3-Dichloropropene

Concen: 57.608 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

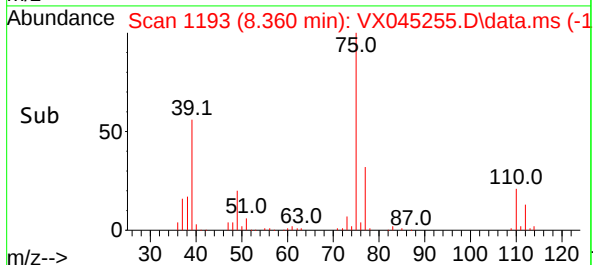
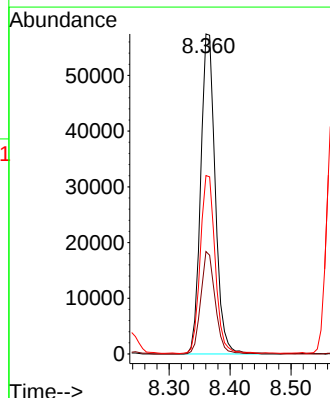
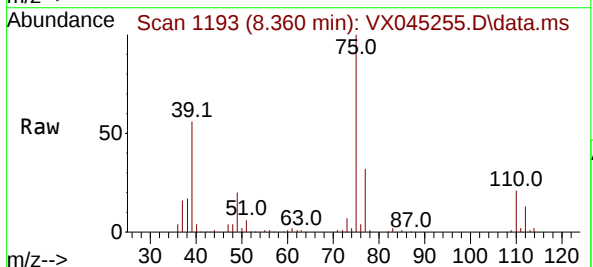
Tgt Ion: 75 Resp: 95282

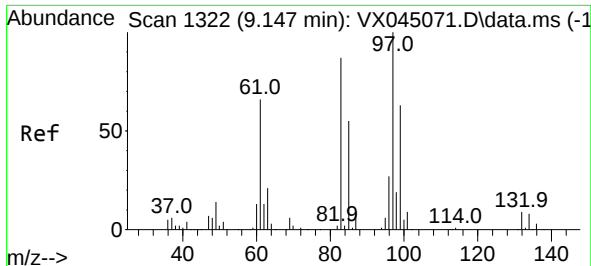
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 55.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 54.326 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 6245

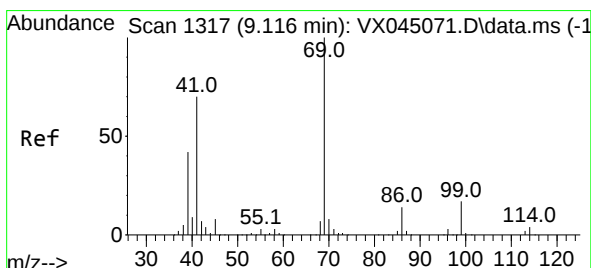
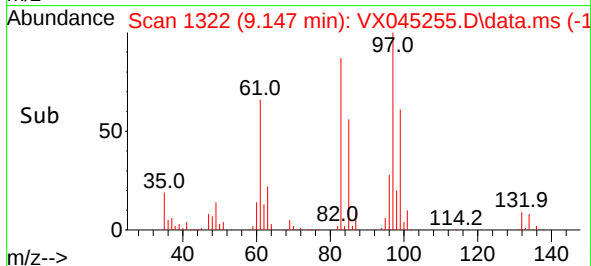
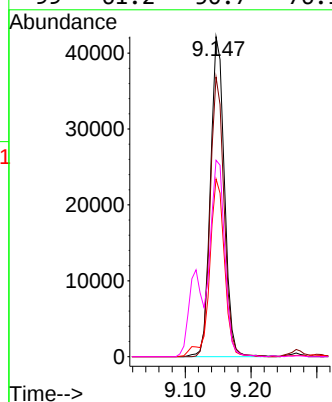
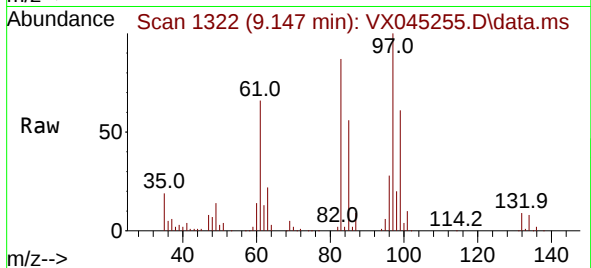
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.4	104.2
85	55.5	44.1	66.1
99	61.2	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#56

Ethyl methacrylate

Concen: 56.827 ug/l

RT: 9.116 min Scan# 1317

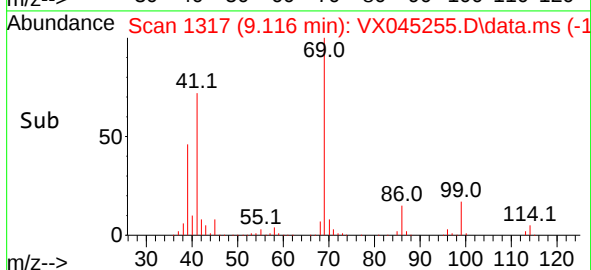
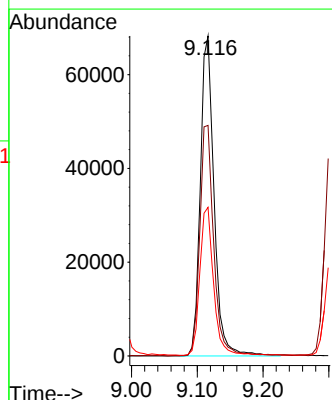
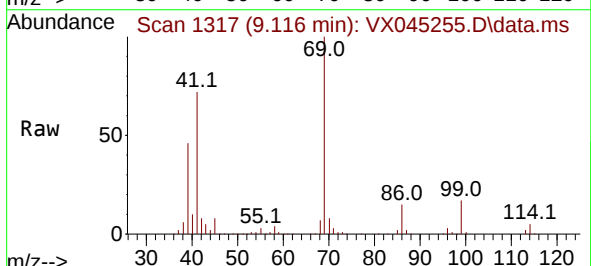
Delta R.T. -0.000 min

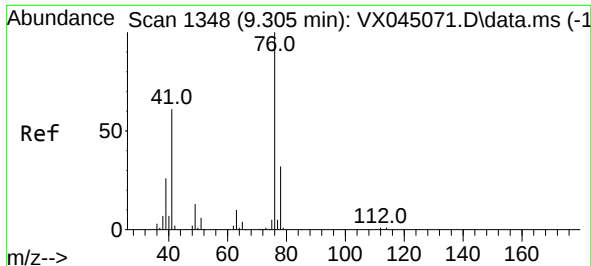
Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Tgt Ion: 69 Resp: 99307

Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.0	85.4
39	46.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 54.666 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 108760

Ion Ratio Lower Upper

76 100

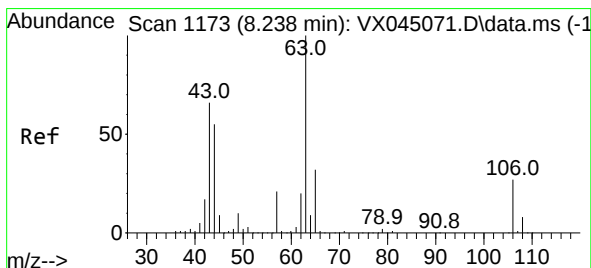
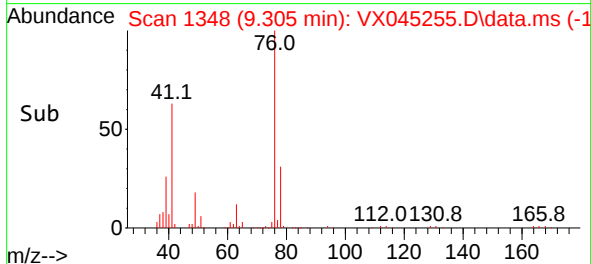
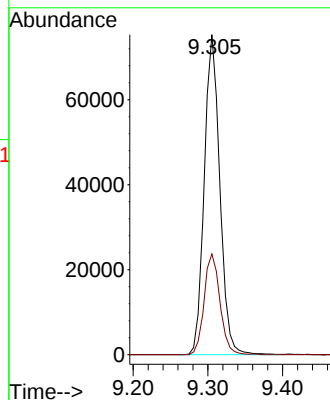
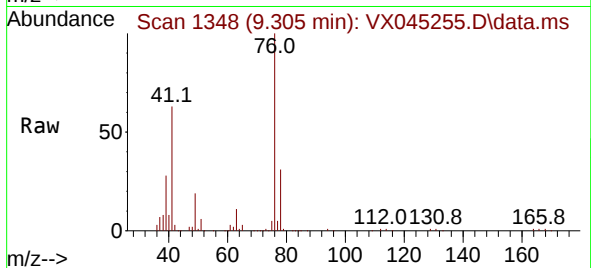
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 302.223 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045255.D

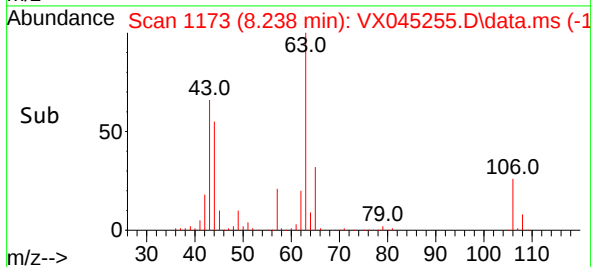
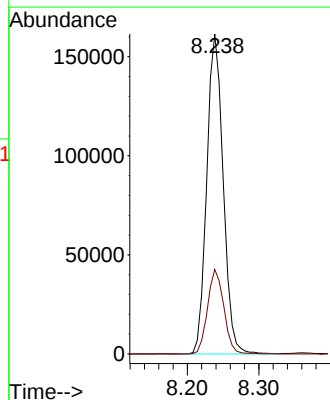
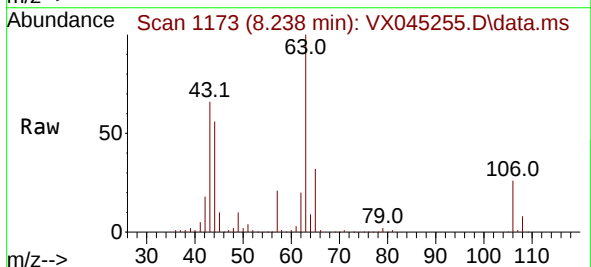
Acq: 12 Mar 2025 17:41

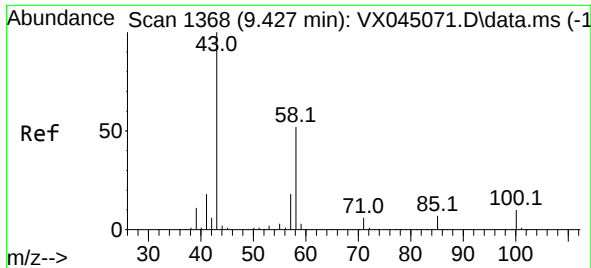
Tgt Ion: 63 Resp: 257633

Ion Ratio Lower Upper

63 100

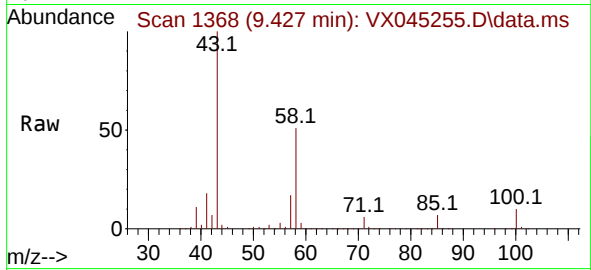
106 26.2 21.5 32.3





#59
2-Hexanone
Concen: 282.068 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

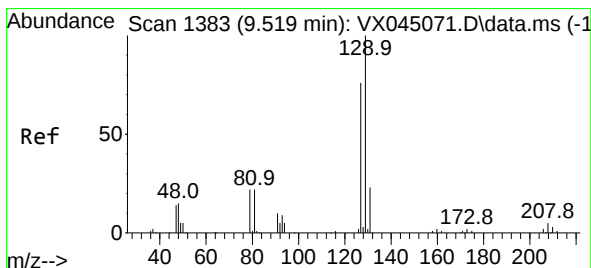
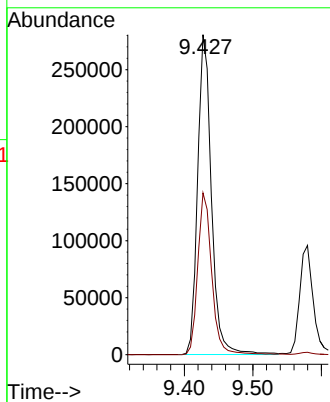
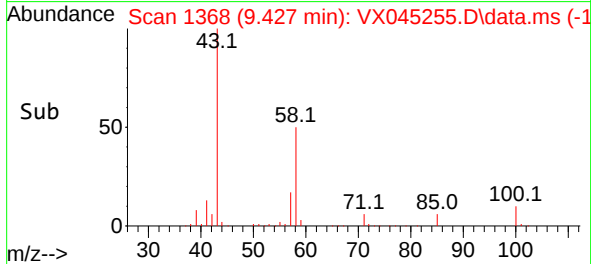
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39410
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.6

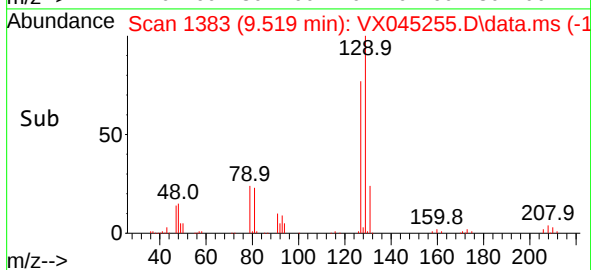
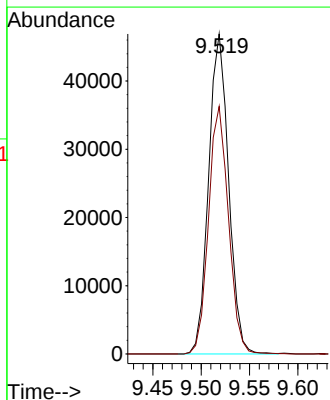
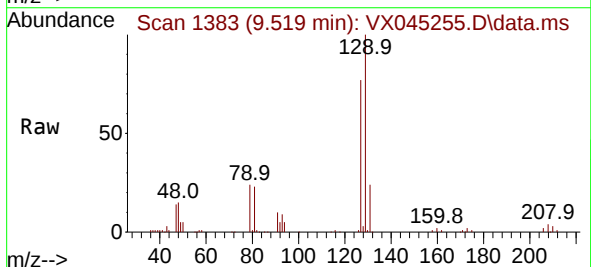
Manual Integrations
APPROVED

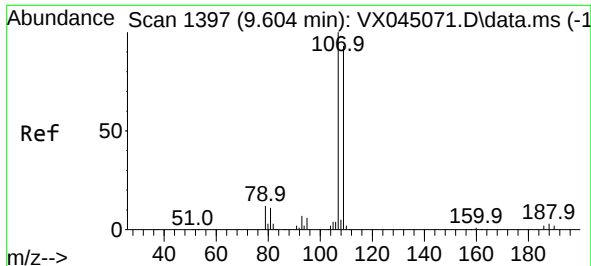
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#60
Dibromochloromethane
Concen: 56.067 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

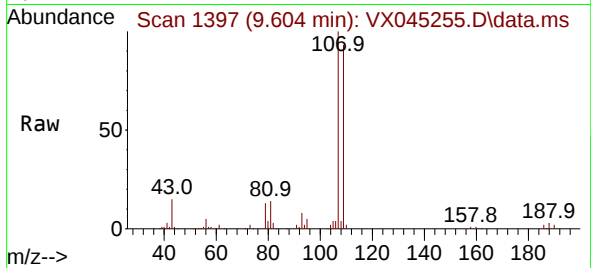
Tgt Ion:129 Resp: 67396
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.317 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

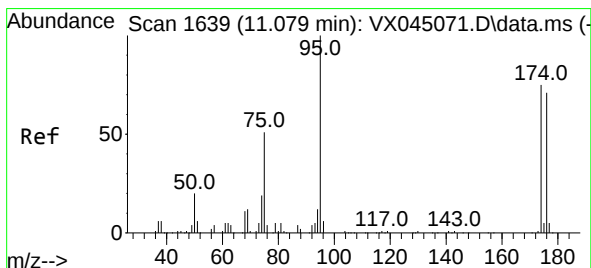
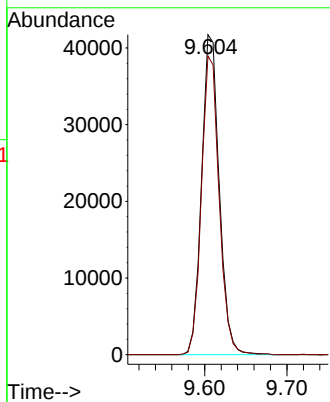
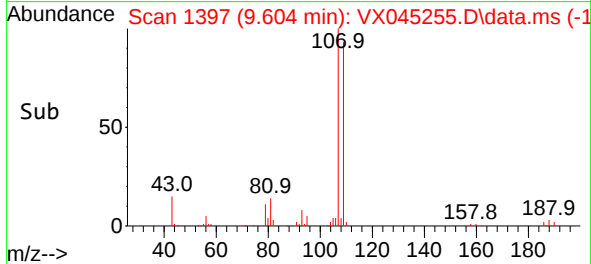
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



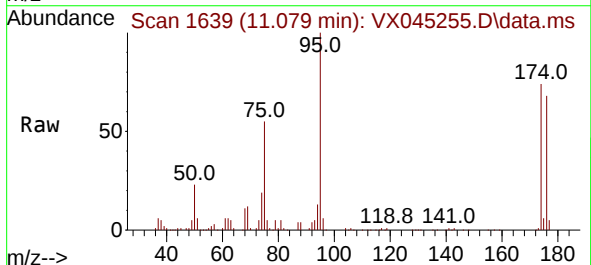
Tgt Ion:107 Resp: 62339
Ion Ratio Lower Upper
107 100
109 93.4 76.1 114.1

Manual Integrations
APPROVED

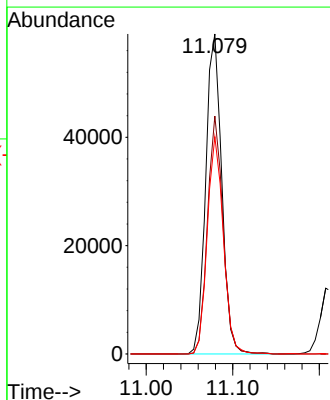
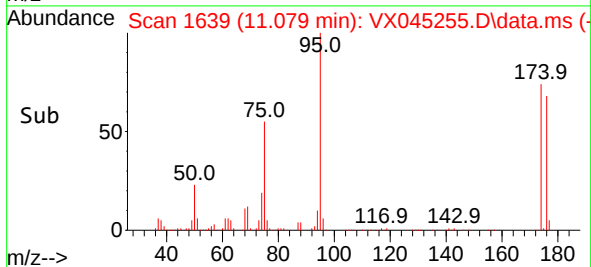
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

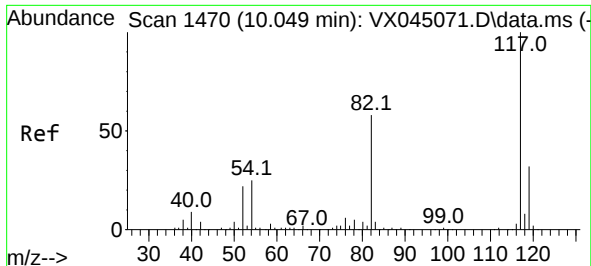


#62
4-Bromofluorobenzene
Concen: 57.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



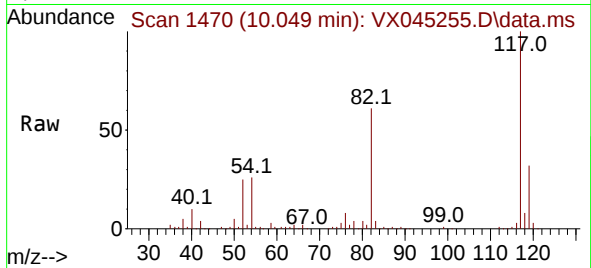
Tgt Ion: 95 Resp: 75812
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 68.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

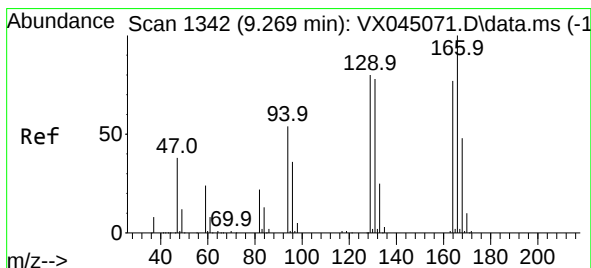
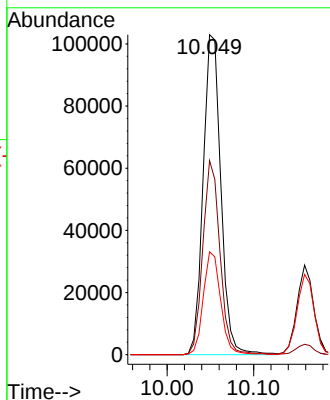
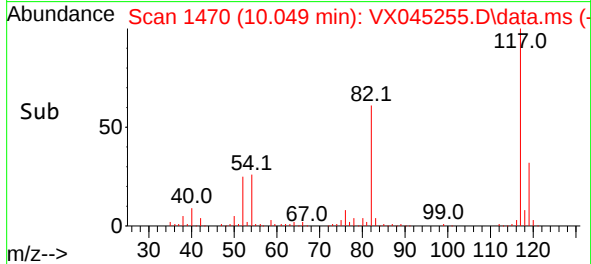
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 146495
Ion Ratio Lower Upper
117 100
82 60.6 46.3 69.5
119 32.1 25.7 38.5

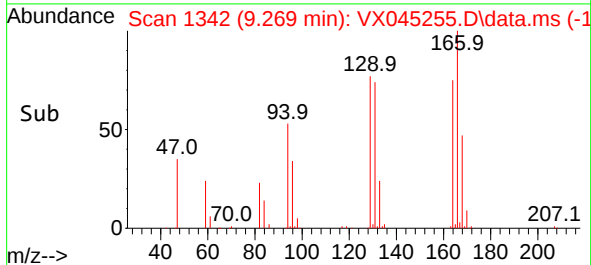
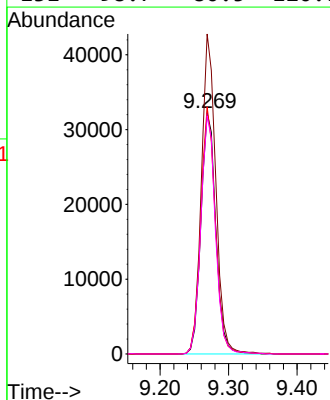
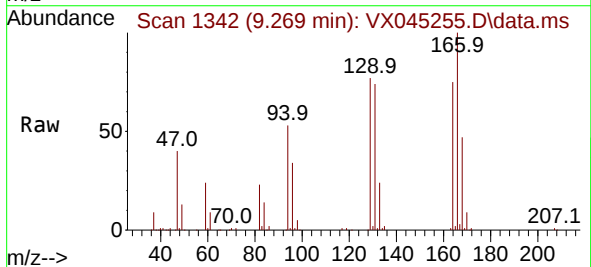
Manual Integrations
APPROVED

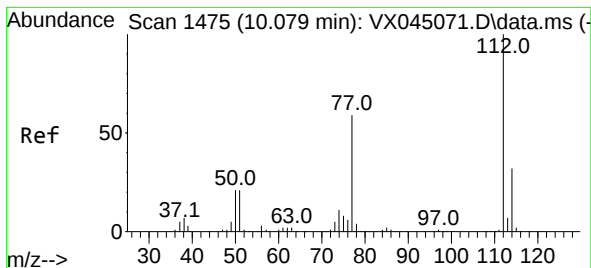
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#64
Tetrachloroethene
Concen: 51.818 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

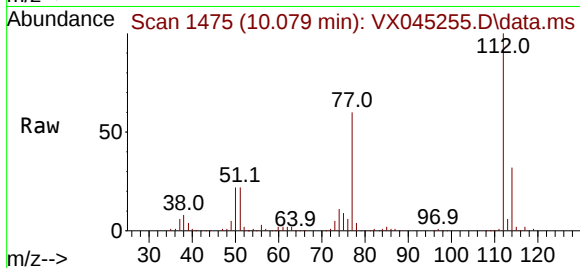
Tgt Ion:164 Resp: 48618
Ion Ratio Lower Upper
164 100
166 132.7 103.6 155.4
129 102.6 82.7 124.1
131 98.7 80.5 120.7





#65
Chlorobenzene
Concen: 52.346 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

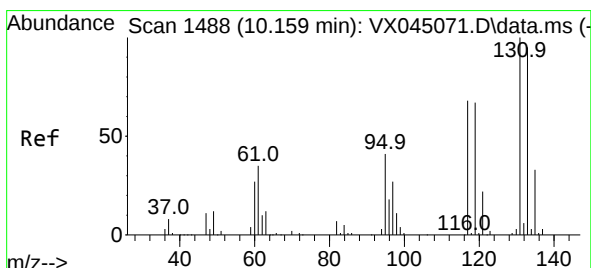
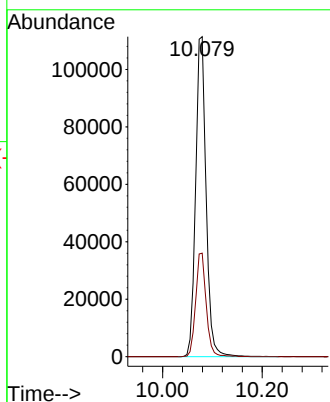
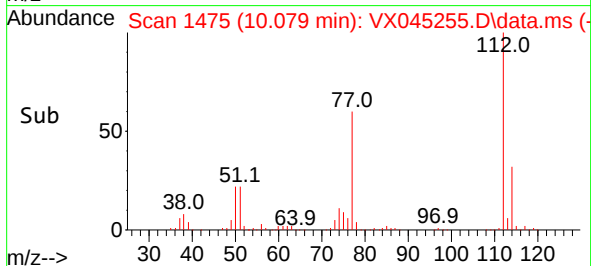
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



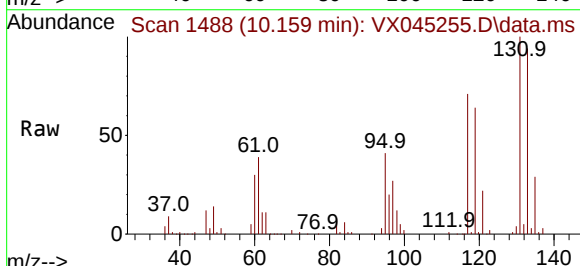
Tgt Ion:112 Resp: 162262
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

Manual Integrations
APPROVED

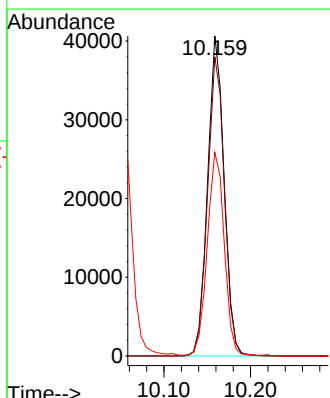
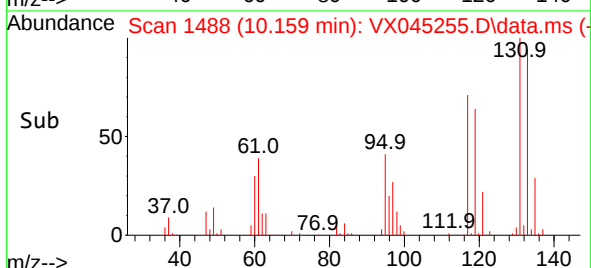
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

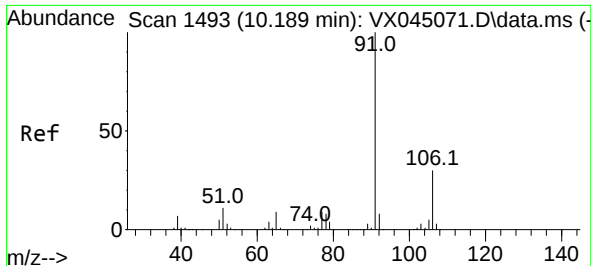


#66
1,1,1,2-Tetrachloroethane
Concen: 52.349 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



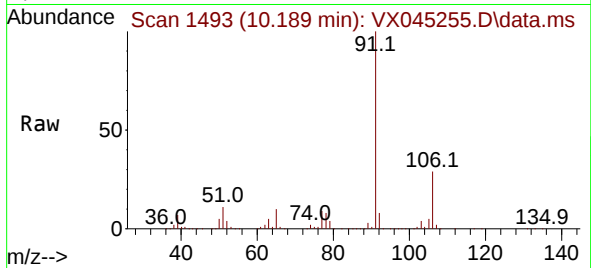
Tgt Ion:131 Resp: 54040
Ion Ratio Lower Upper
131 100
133 94.9 48.6 145.9
119 65.2 33.9 101.7





#67
Ethyl Benzene
Concen: 54.454 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

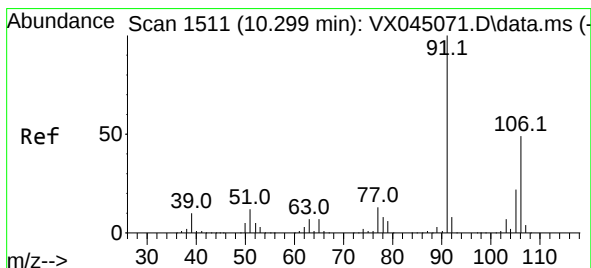
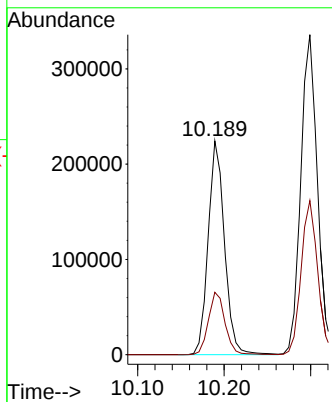
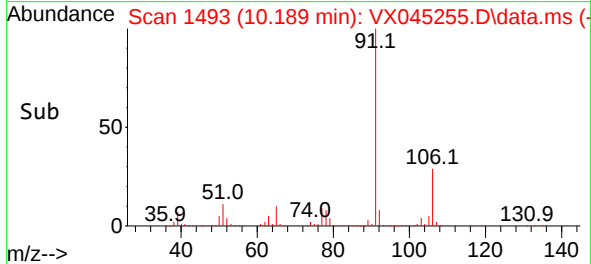
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



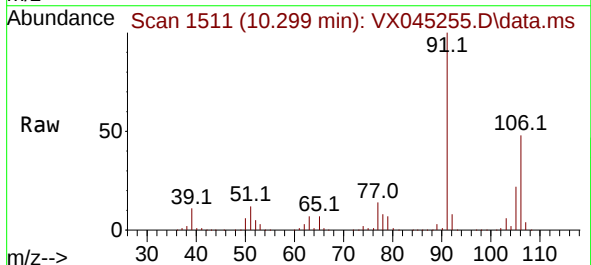
Tgt Ion: 91 Resp: 294120
Ion Ratio Lower Upper
91 100
106 29.2 23.9 35.9

Manual Integrations
APPROVED

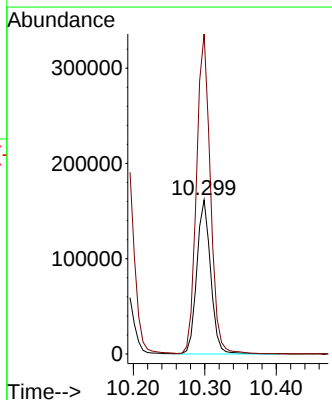
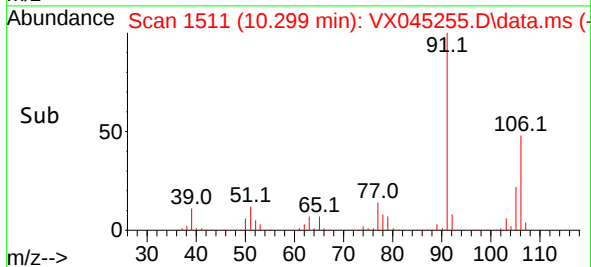
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

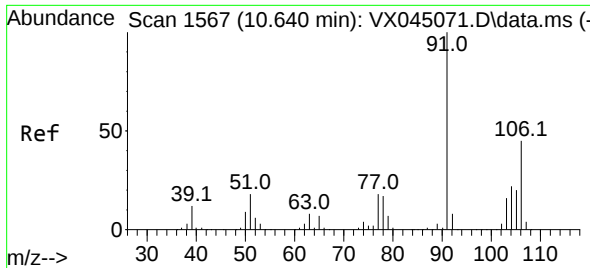


#68
m/p-Xylenes
Concen: 109.706 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



Tgt Ion:106 Resp: 216917
Ion Ratio Lower Upper
106 100
91 208.6 165.4 248.0





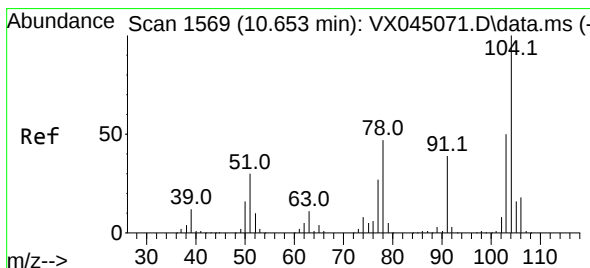
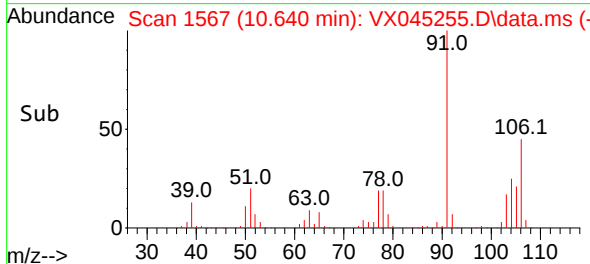
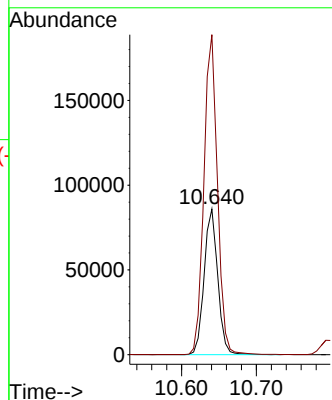
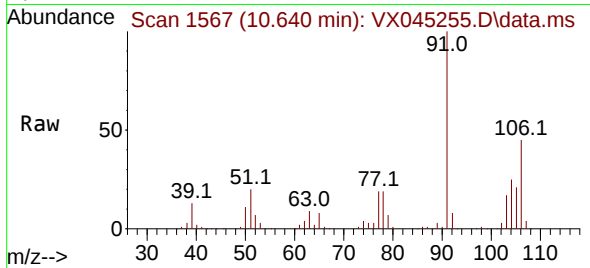
#69
o-Xylene
Concen: 54.430 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10854
Ion Ratio Lower Upper
106 100
91 218.7 109.9 329.6

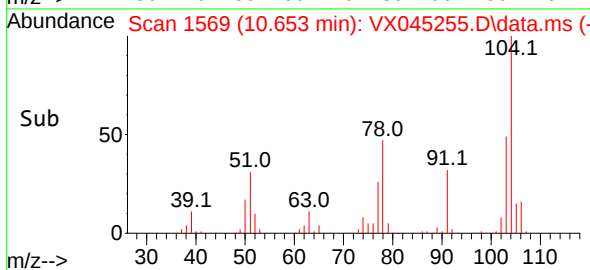
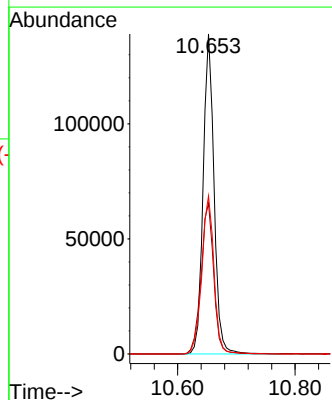
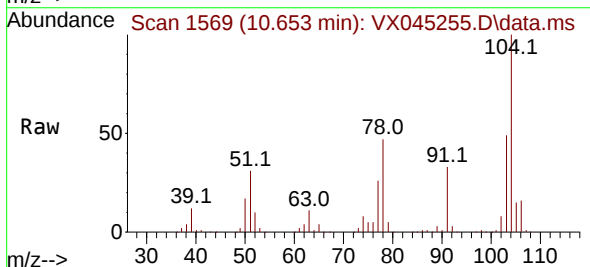
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#70
Styrene
Concen: 55.697 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

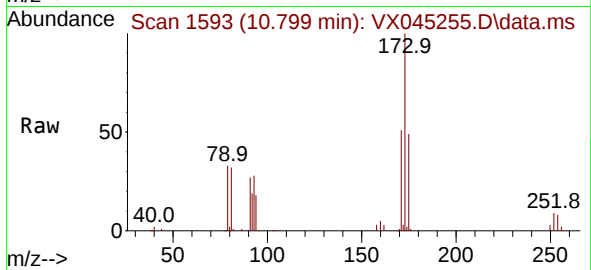
Tgt Ion:104 Resp: 179718
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 55.3 43.8 65.8





#71
Bromoform
Concen: 53.386 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

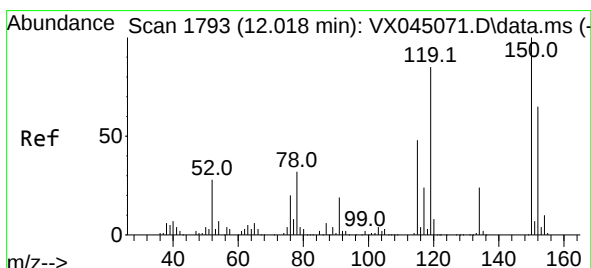
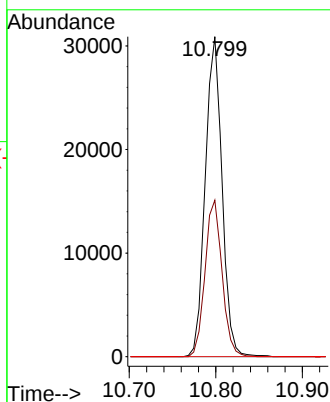
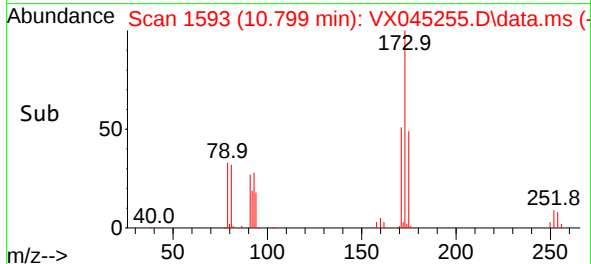
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



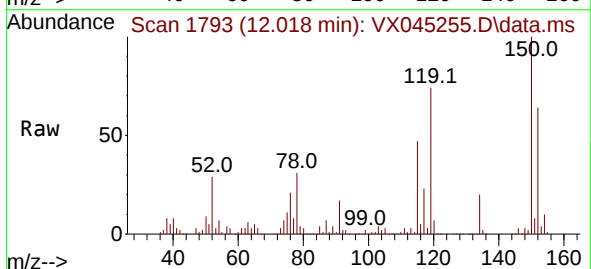
Tgt Ion:173 Resp: 41558
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

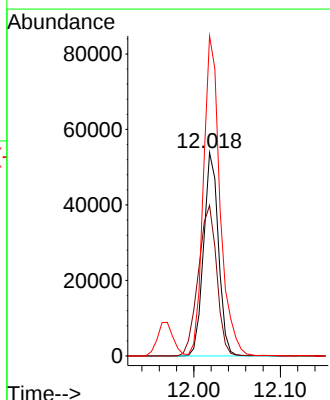
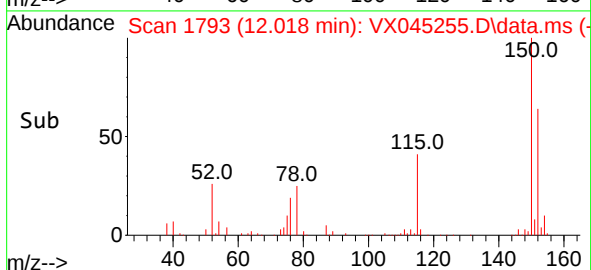
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

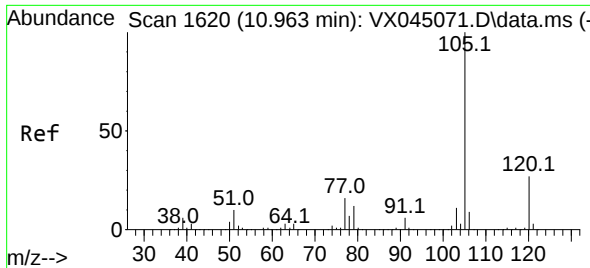


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



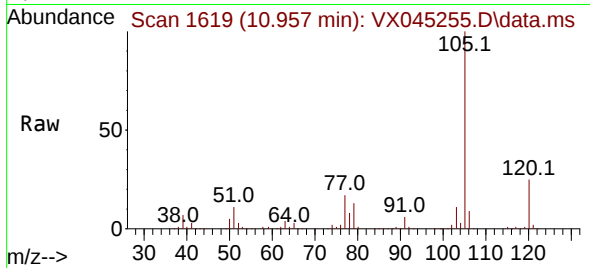
Tgt Ion:152 Resp: 64200
Ion Ratio Lower Upper
152 100
115 91.6 44.2 132.6
150 175.7 0.0 349.0





#73
Isopropylbenzene
Concen: 56.246 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

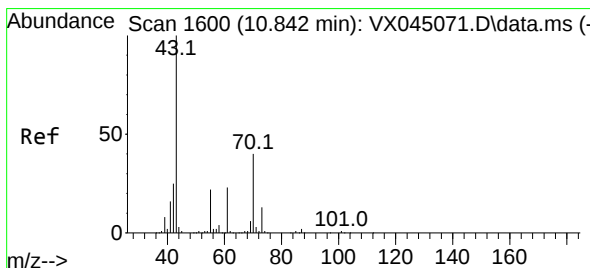
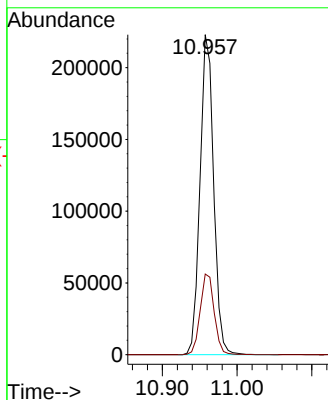
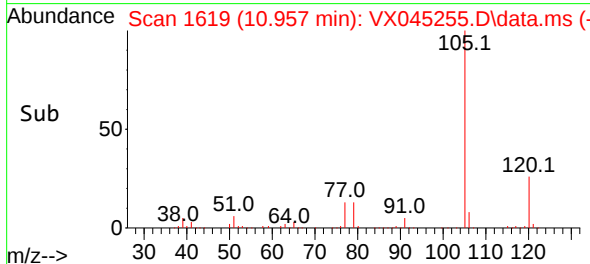
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 281848
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

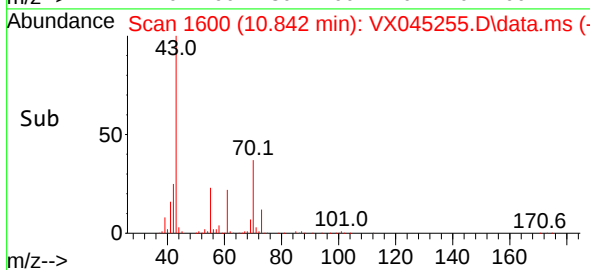
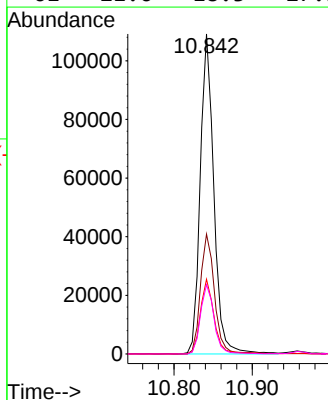
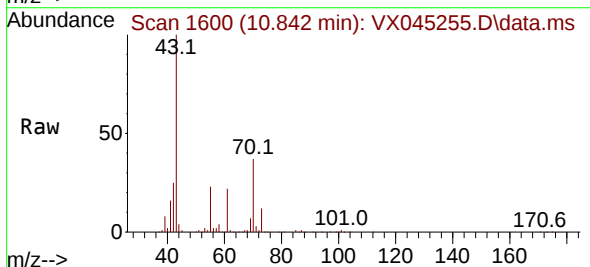
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#74
N-ethyl acetate
Concen: 56.043 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion: 43 Resp: 131774
Ion Ratio Lower Upper
43 100
70 38.7 31.8 47.6
55 23.7 18.3 27.5
61 21.6 18.3 27.5





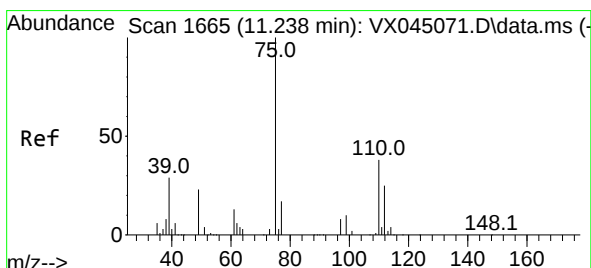
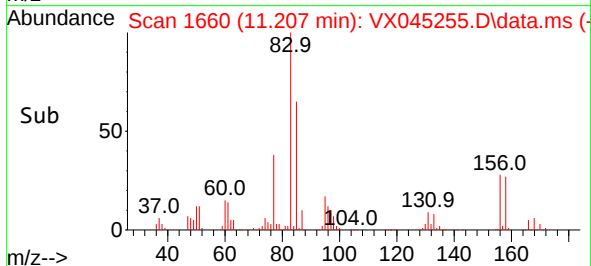
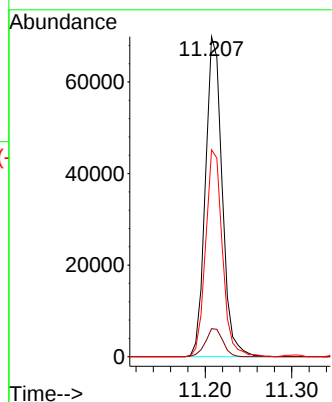
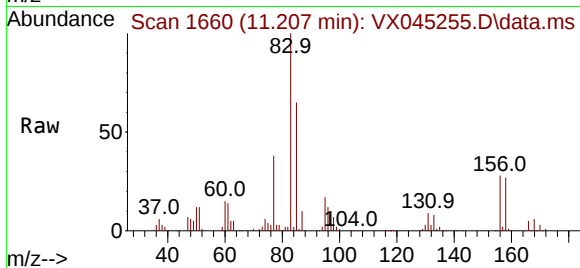
#75
1,1,2,2-Tetrachloroethane
Concen: 51.034 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 93844
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.4
85 64.8 31.7 95.1

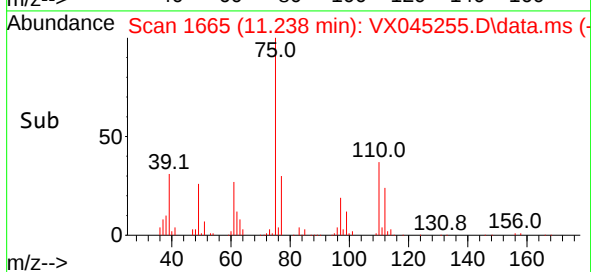
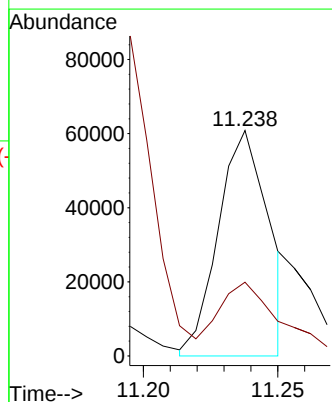
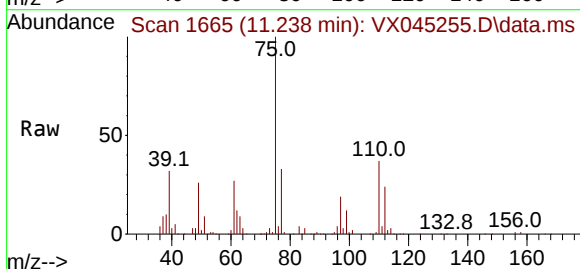
Manual Integrations
APPROVED

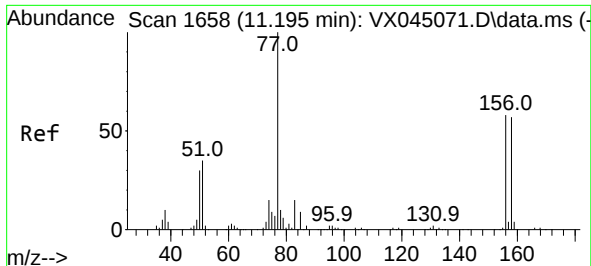
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#76
1,2,3-Trichloropropane
Concen: 52.952 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

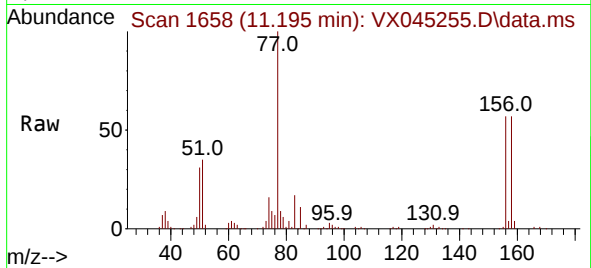
Tgt Ion: 75 Resp: 79124
Ion Ratio Lower Upper
75 100
77 40.5 20.7 62.1





#77
Bromobenzene
Concen: 53.528 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

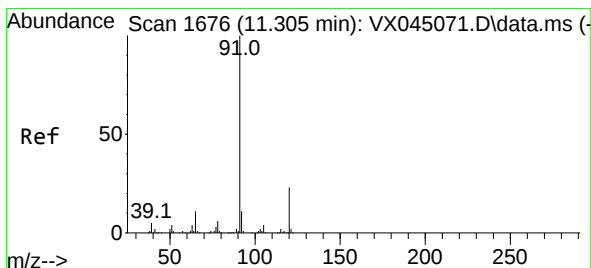
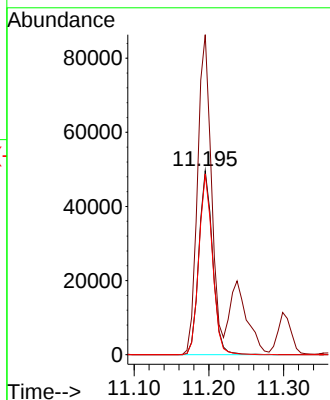
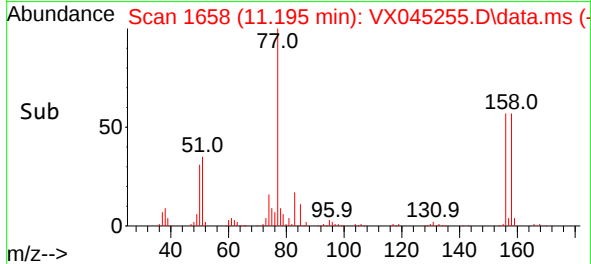
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



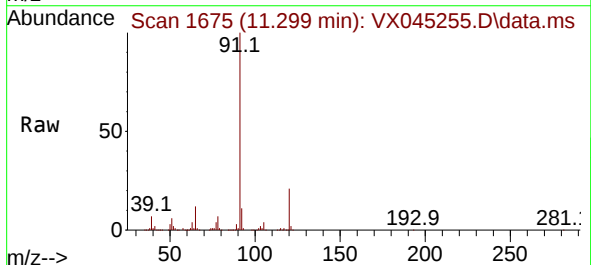
Tgt Ion:156 Resp: 6328
Ion Ratio Lower Upper
156 100
77 176.3 85.8 257.4
158 97.4 48.4 145.2

Manual Integrations
APPROVED

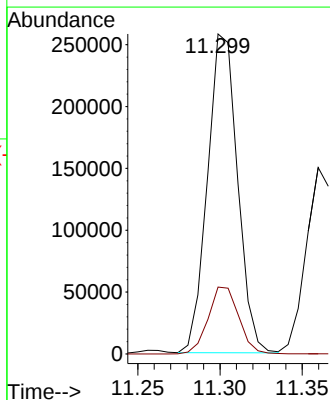
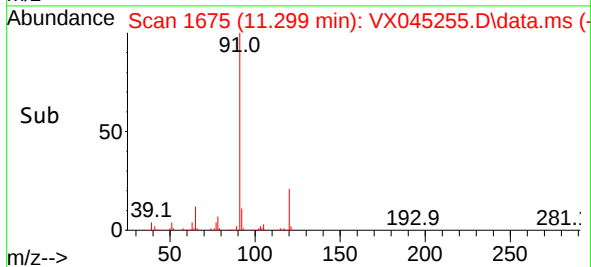
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

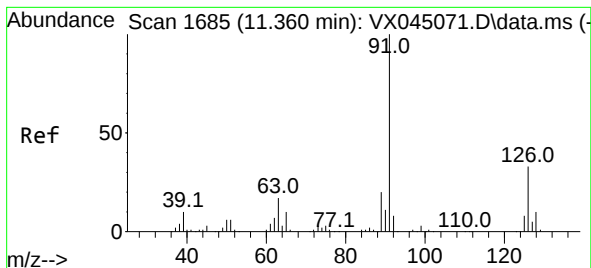


#78
n-propylbenzene
Concen: 57.903 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



Tgt Ion: 91 Resp: 327763
Ion Ratio Lower Upper
91 100
120 21.4 11.2 33.6





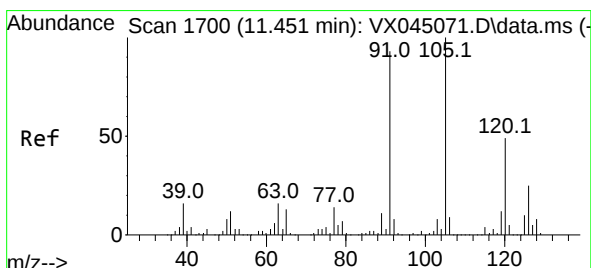
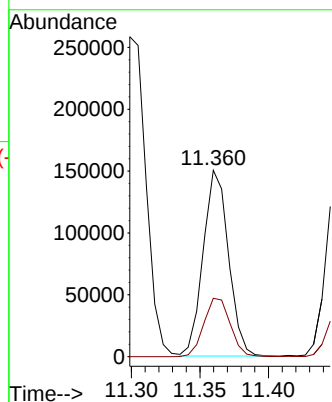
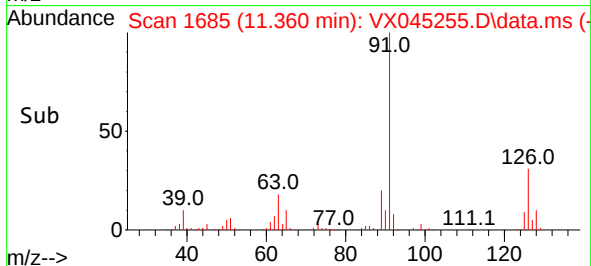
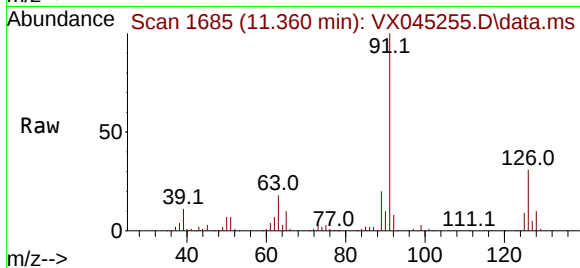
#79
2-Chlorotoluene
Concen: 53.629 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 193334
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

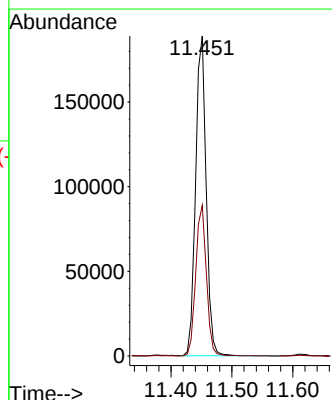
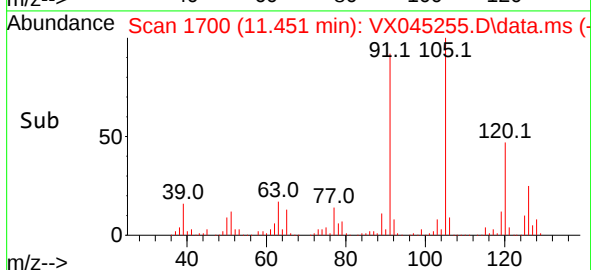
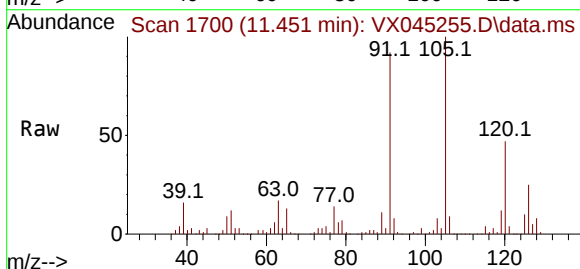
Manual Integrations
APPROVED

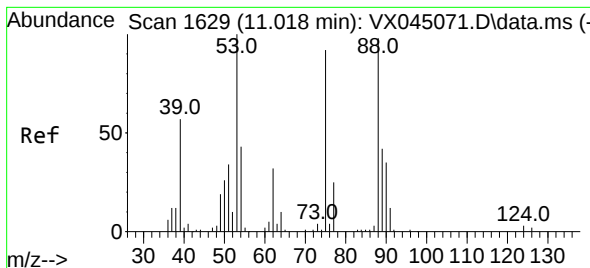
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.011 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

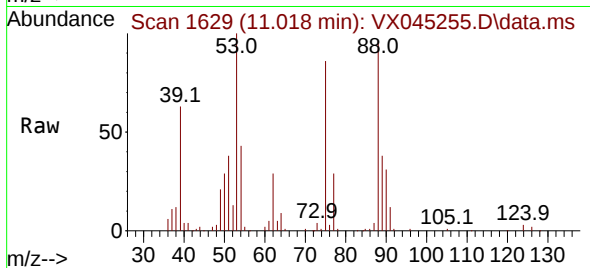
Tgt Ion:105 Resp: 226942
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 55.696 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

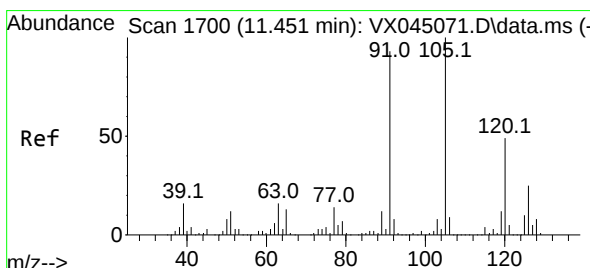
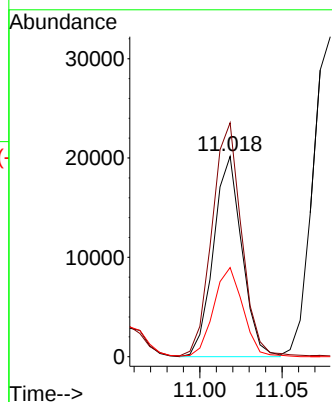
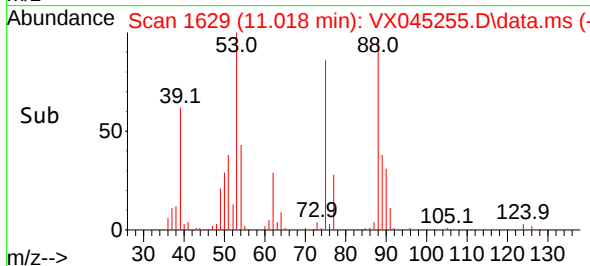
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24319
Ion Ratio Lower Upper
75 100
53 120.2 88.5 132.7
89 45.7 36.2 54.4

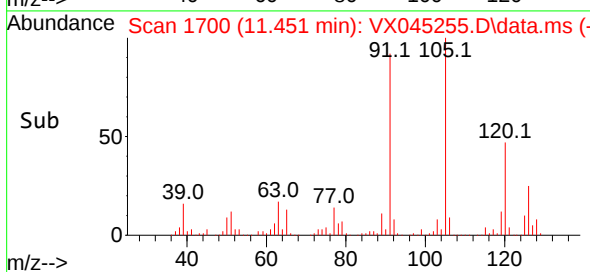
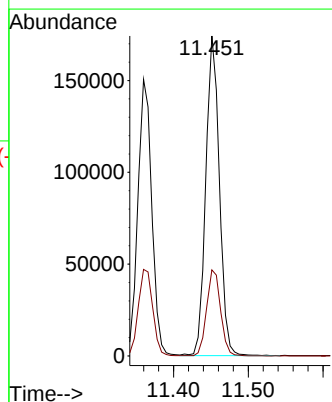
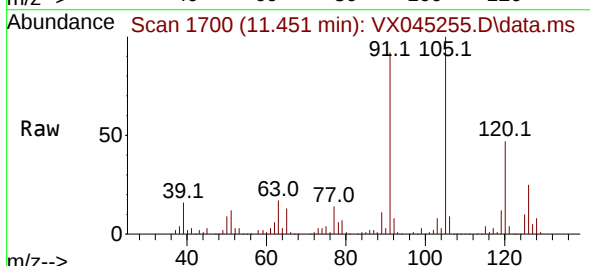
Manual Integrations
APPROVED

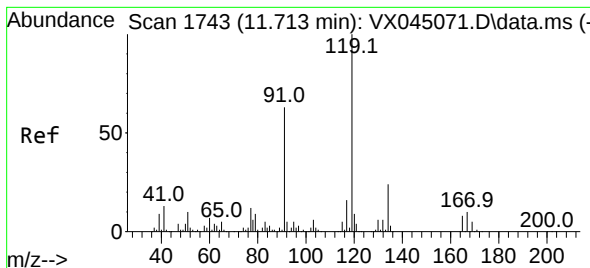
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#82
4-Chlorotoluene
Concen: 55.942 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

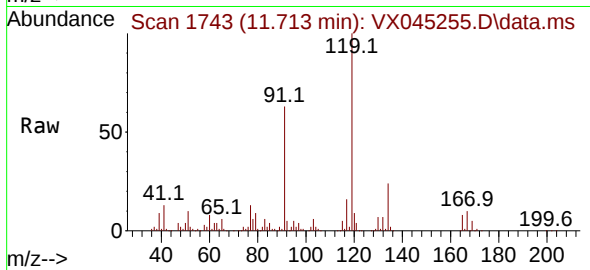
Tgt Ion: 91 Resp: 219795
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 55.084 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

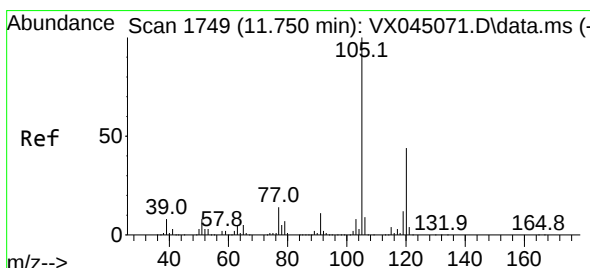
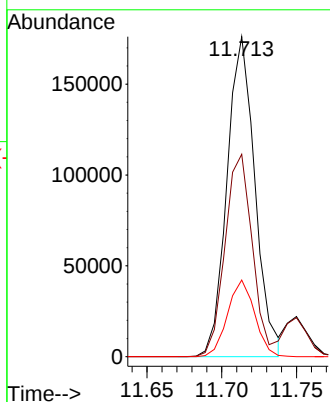
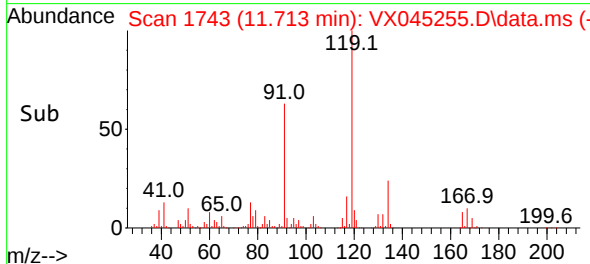
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



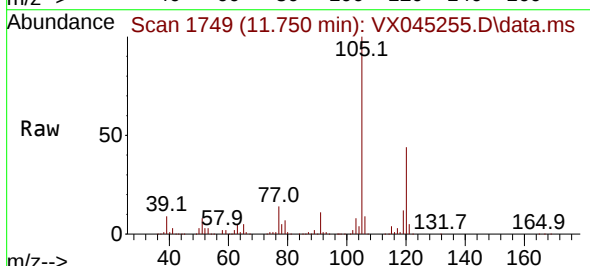
Tgt Ion:119 Resp: 229318
Ion Ratio Lower Upper
119 100
91 61.3 30.7 92.1
134 23.2 11.7 35.0

Manual Integrations
APPROVED

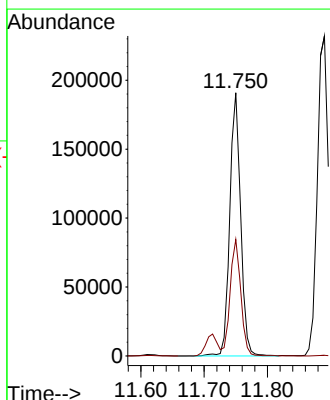
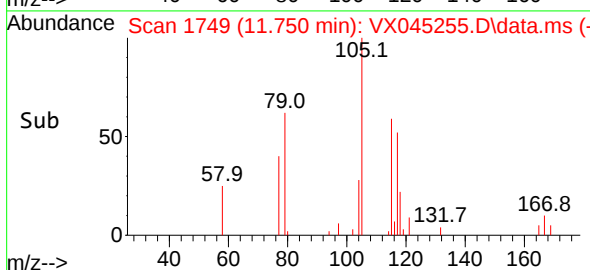
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

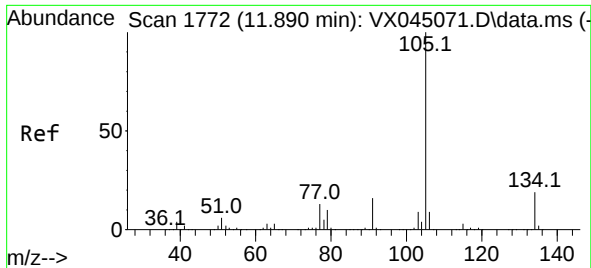


#84
1,2,4-Trimethylbenzene
Concen: 55.915 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



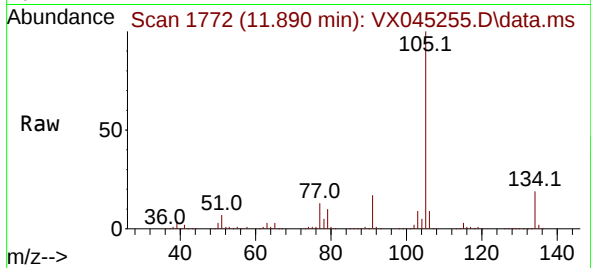
Tgt Ion:105 Resp: 227959
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 58.061 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045255.D
 Acq: 12 Mar 2025 17:41

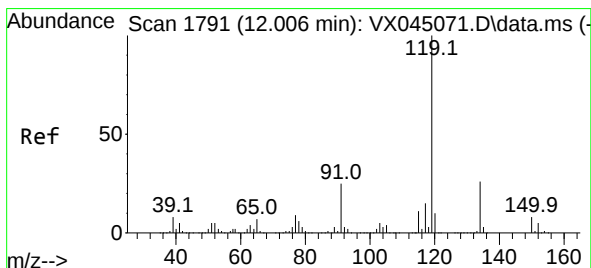
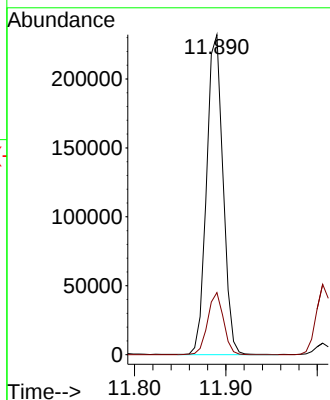
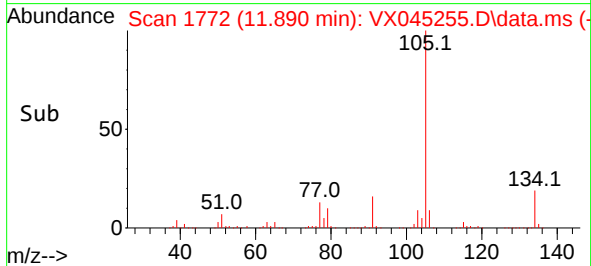
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



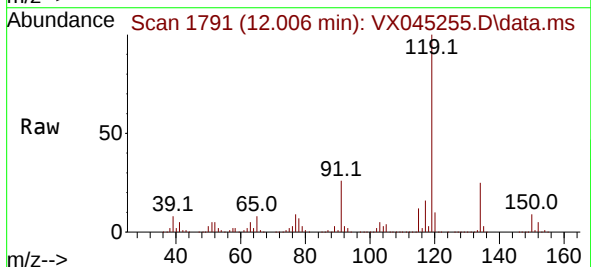
Tgt Ion:105 Resp: 28954
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

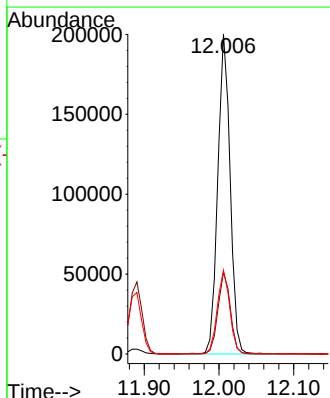
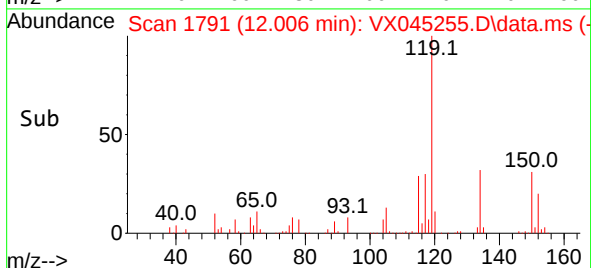
Reviewed By :John Carlone 03/13/2025
 Supervised By :Mahesh Dadoda 03/13/2025



#86
 p-Isopropyltoluene
 Concen: 57.285 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045255.D
 Acq: 12 Mar 2025 17:41



Tgt Ion:119 Resp: 230863
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 26.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.552 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 11295

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.4

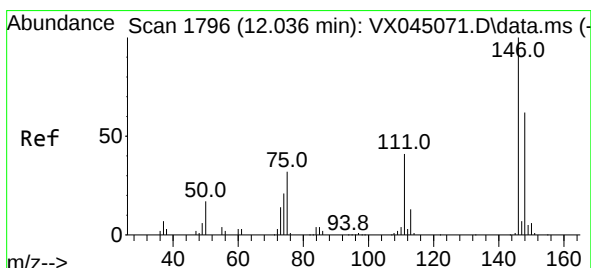
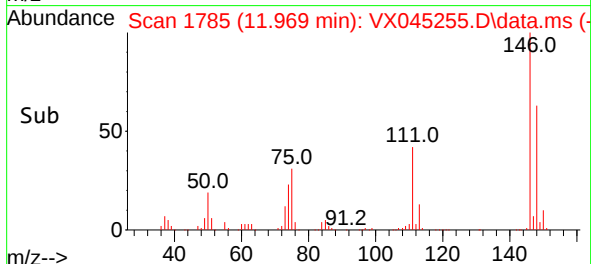
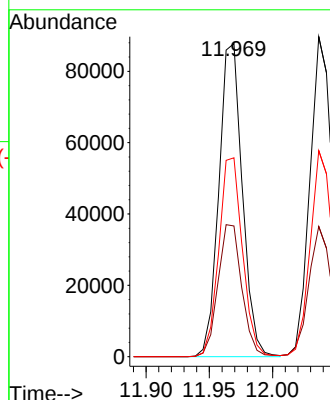
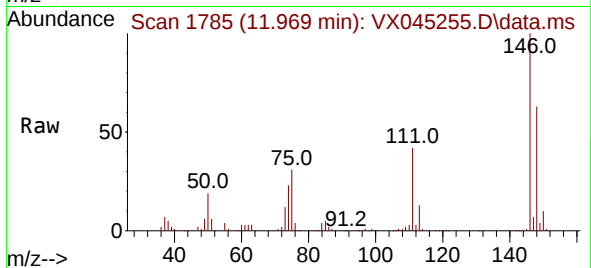
148 64.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2025

Supervised By :Mahesh Dadoda 03/13/2025



#88

1,4-Dichlorobenzene

Concen: 52.597 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045255.D

Acq: 12 Mar 2025 17:41

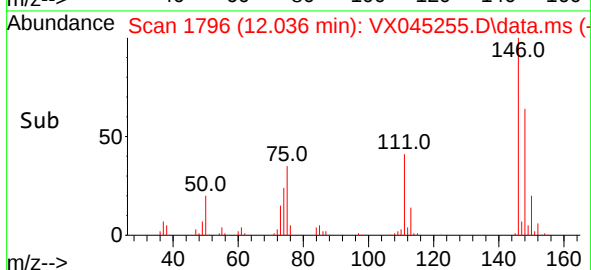
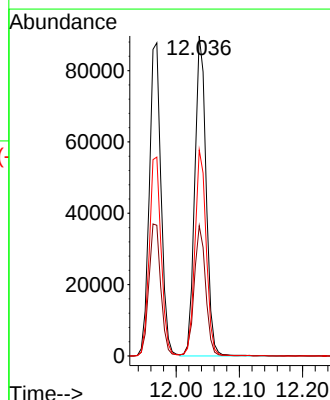
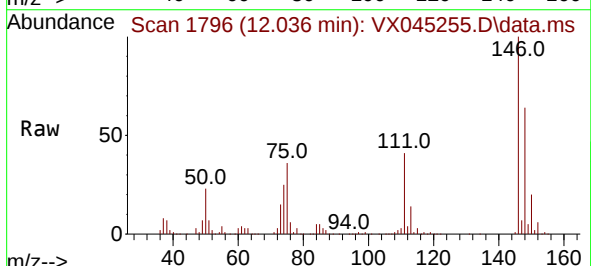
Tgt Ion:146 Resp: 112234

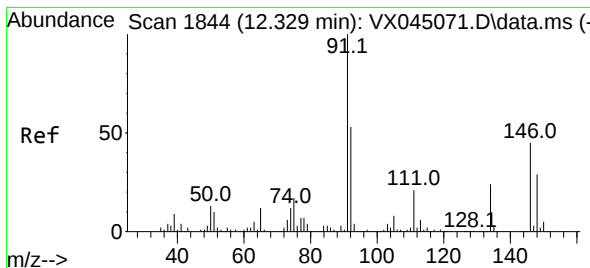
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

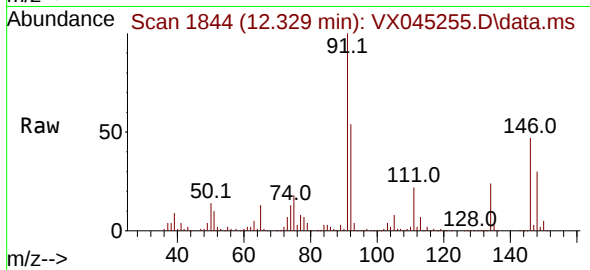
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 60.015 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

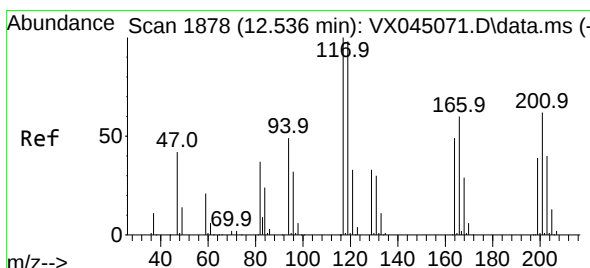
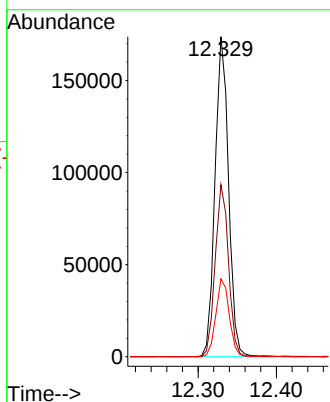
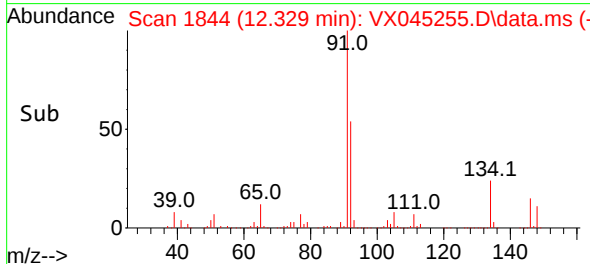
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 20831
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 24.0 12.2 36.6

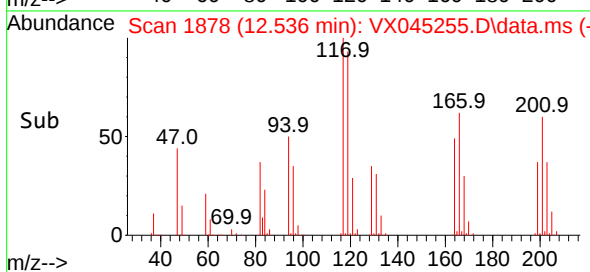
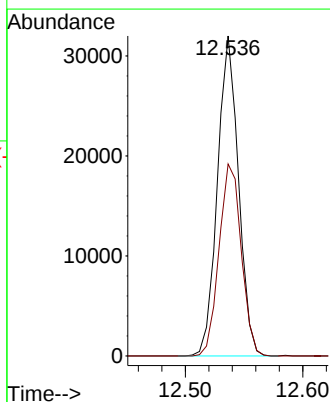
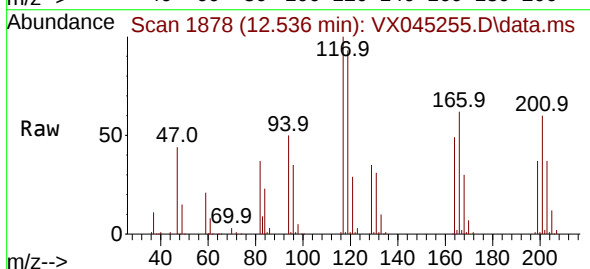
Manual Integrations
APPROVED

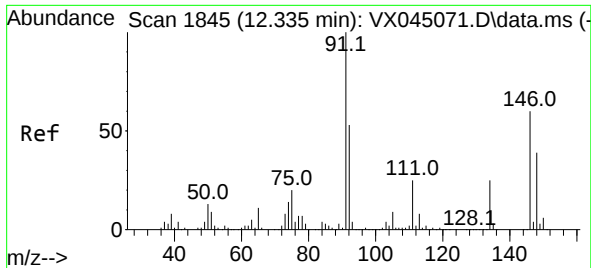
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#90
Hexachloroethane
Concen: 54.530 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

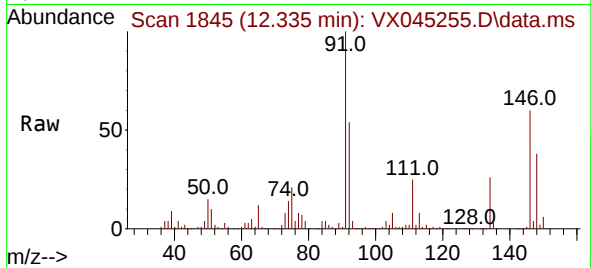
Tgt Ion:117 Resp: 39749
Ion Ratio Lower Upper
117 100
201 63.4 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 52.805 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

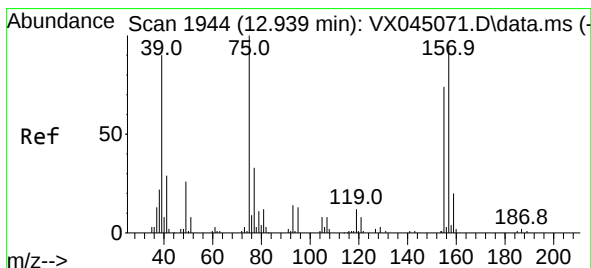
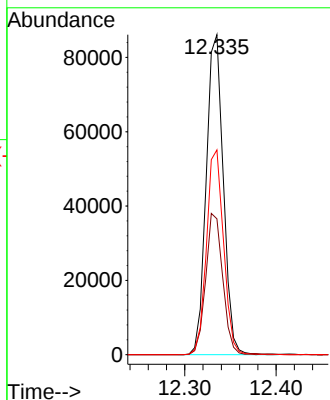
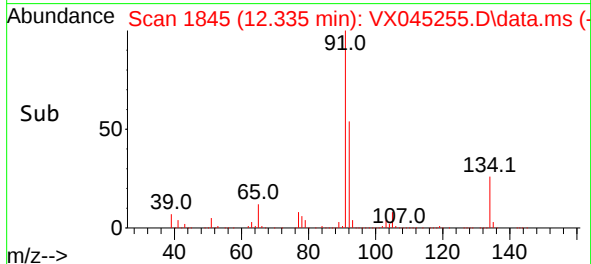
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



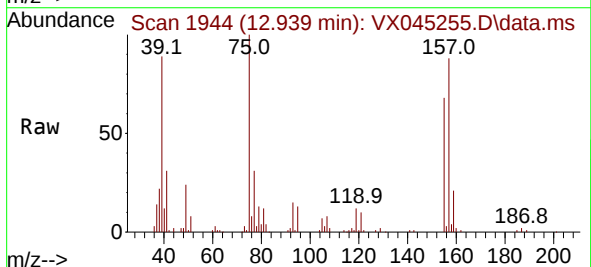
Tgt Ion:146 Resp: 111724
Ion Ratio Lower Upper
146 100
111 44.0 21.6 65.0
148 63.9 31.9 95.9

Manual Integrations
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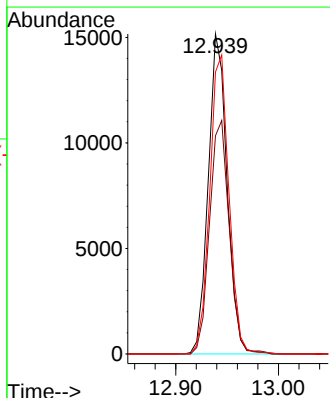
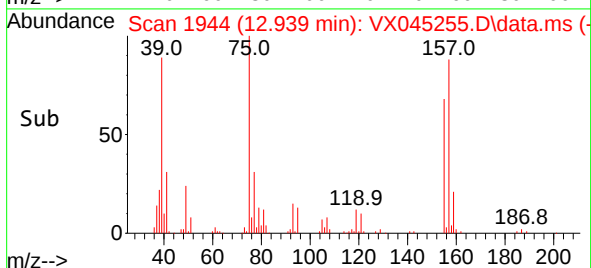
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

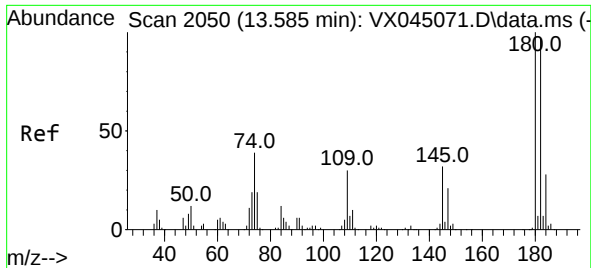


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.028 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



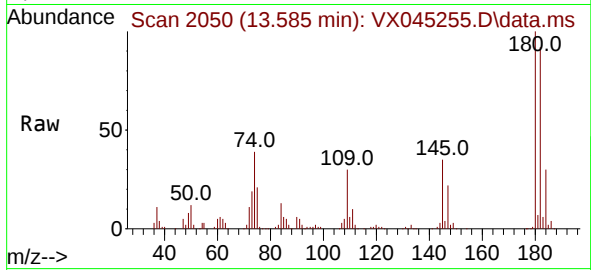
Tgt Ion: 75 Resp: 19355
Ion Ratio Lower Upper
75 100
155 75.9 39.6 118.7
157 95.1 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 54.341 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

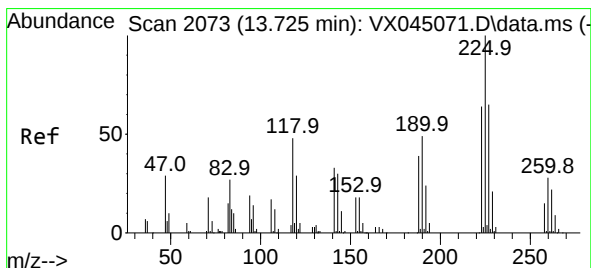
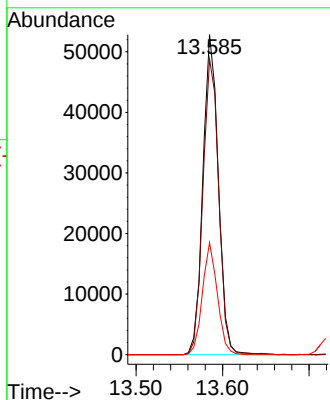
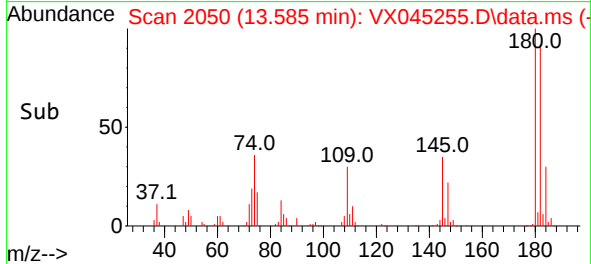
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



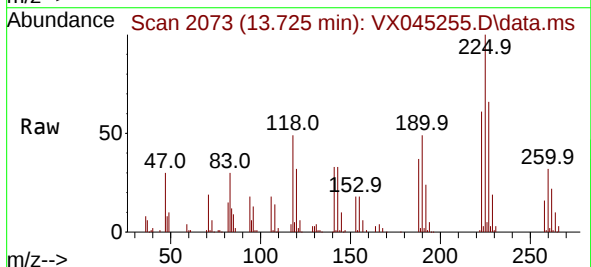
Tgt Ion:180 Resp: 6546
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 33.8 16.3 48.9

Manual Integrations
APPROVED

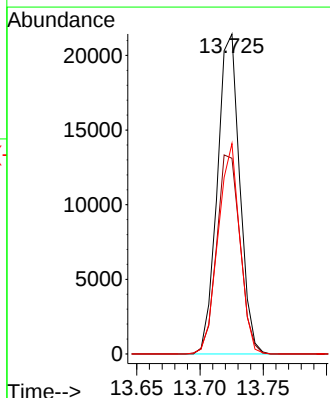
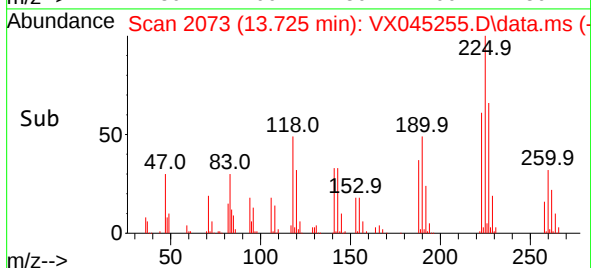
Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025

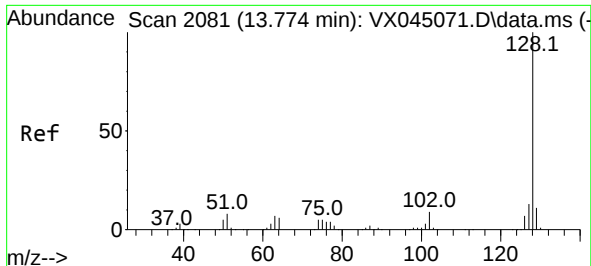


#94
Hexachlorobutadiene
Concen: 53.298 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41



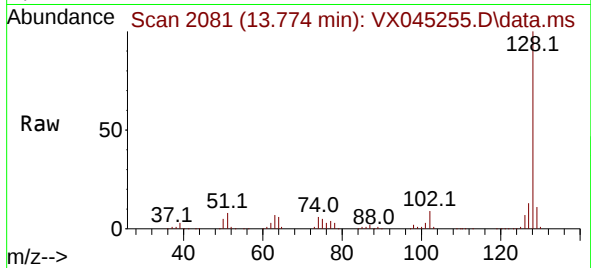
Tgt Ion:225 Resp: 26325
Ion Ratio Lower Upper
225 100
223 65.3 31.9 95.7
227 63.9 31.4 94.0





#95
Naphthalene
Concen: 53.582 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

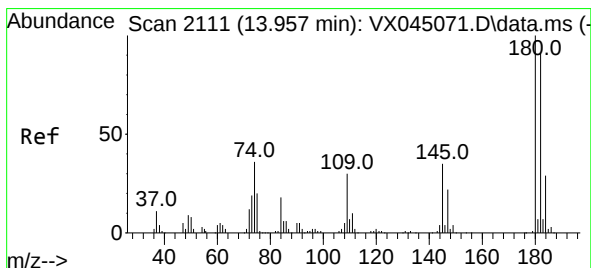
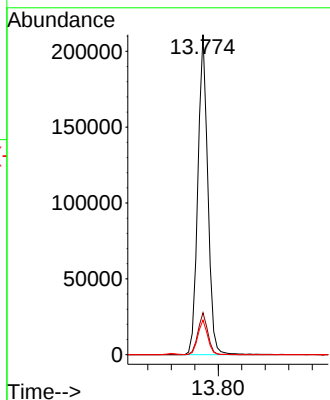
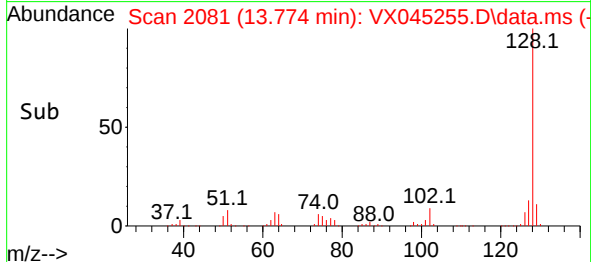
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 248010
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2025
Supervised By :Mahesh Dadoda 03/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.474 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045255.D
Acq: 12 Mar 2025 17:41

Tgt Ion:180 Resp: 66692
Ion Ratio Lower Upper
180 100
182 96.8 47.5 142.6
145 34.5 17.0 50.9

