

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046657.D
 Acq On : 12 Jun 2025 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 01:40:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82603	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	125406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58736	39.968	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 79.940%			
35) Dibromofluoromethane	5.391	113	54484	59.078	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.160%			
50) Toluene-d8	8.647	98	171603	56.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.880%			
62) 4-Bromofluorobenzene	11.079	95	70345	55.919	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	47986	41.844	ug/l	98
3) Chloromethane	1.307	50	40603	38.898	ug/l	98
4) Vinyl Chloride	1.386	62	41173	39.569	ug/l	97
5) Bromomethane	1.617	94	23131	36.617	ug/l	99
6) Chloroethane	1.697	64	23838	35.309	ug/l	94
7) Trichlorofluoromethane	1.904	101	74178	43.086	ug/l	98
8) Diethyl Ether	2.142	74	26788	44.038	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.343	101	52208	48.132	ug/l	92
10) Methyl Iodide	2.465	142	49604	42.187	ug/l	98
11) Tert butyl alcohol	2.965	59	31227	191.495	ug/l	98
12) 1,1-Dichloroethene	2.337	96	47795	48.736	ug/l	84
13) Acrolein	2.245	56	62360	308.244	ug/l	100
14) Allyl chloride	2.678	41	85070	44.168	ug/l	93
15) Acrylonitrile	3.068	53	138381	224.440	ug/l	99
16) Acetone	2.386	43	123430	214.546	ug/l	92
17) Carbon Disulfide	2.526	76	92448	44.419	ug/l	98
18) Methyl Acetate	2.715	43	80898	46.215	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	167393	48.780	ug/l	98
20) Methylene Chloride	2.800	84	55016	46.663	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	47376	45.648	ug/l	93
22) Diisopropyl ether	3.770	45	179769	47.342	ug/l #	81
23) Vinyl Acetate	3.733	43	676467	230.742	ug/l	97
24) 1,1-Dichloroethane	3.623	63	97719	46.174	ug/l	98
25) 2-Butanone	4.562	43	162555	198.700	ug/l	96
26) 2,2-Dichloropropane	4.489	77	77371	49.247	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	63074	49.368	ug/l	89
28) Bromochloromethane	4.903	49	43653	43.246	ug/l	89
29) Tetrahydrofuran	5.007	42	104633	202.521	ug/l	96
30) Chloroform	5.105	83	104851	47.284	ug/l	98
31) Cyclohexane	5.483	56	74094	43.368	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	88809	46.820	ug/l	97
36) 1,1-Dichloropropene	5.696	75	63502	48.205	ug/l	96
37) Ethyl Acetate	4.721	43	64655	50.287	ug/l	99
38) Carbon Tetrachloride	5.684	117	76036	51.532	ug/l	99
39) Methylcyclohexane	7.385	83	74314	47.793	ug/l	95
40) Benzene	6.043	78	187904	50.668	ug/l	100

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Quant Time: Jun 13 01:40:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38623	48.375	ug/l	91
42) 1,2-Dichloroethane	6.092	62	70921	45.968	ug/l	95
43) Isopropyl Acetate	6.342	43	103479	46.166	ug/l	96
44) Trichloroethene	7.129	130	49377	52.401	ug/l	99
45) 1,2-Dichloropropane	7.434	63	49574	51.789	ug/l	98
46) Dibromomethane	7.580	93	31955	44.374	ug/l	89
47) Bromodichloromethane	7.824	83	69476	46.922	ug/l	99
48) Methyl methacrylate	7.696	41	46050	39.931	ug/l	92
49) 1,4-Dioxane	7.659	88	12858	833.741	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	335937	235.853	ug/l	96
52) Toluene	8.720	92	126444	55.498	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74282	55.952	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77787	52.698	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	53066	58.018	ug/l	97
56) Ethyl methacrylate	9.116	69	78215	55.570	ug/l	90
57) 1,3-Dichloropropane	9.305	76	86547	53.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	182816	238.457	ug/l	94
59) 2-Hexanone	9.427	43	240805	235.732	ug/l	95
60) Dibromochloromethane	9.518	129	62722	58.299	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52060	54.621	ug/l	97
64) Tetrachloroethene	9.275	164	40422	51.184	ug/l	97
65) Chlorobenzene	10.079	112	144347	51.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52019	55.422	ug/l	98
67) Ethyl Benzene	10.195	91	246134	50.760	ug/l	97
68) m/p-Xylenes	10.299	106	184992	105.170	ug/l	95
69) o-Xylene	10.640	106	90327	53.091	ug/l	96
70) Styrene	10.652	104	160199	55.006	ug/l	96
71) Bromoform	10.799	173	40874	57.113	ug/l #	98
73) Isopropylbenzene	10.957	105	246450	51.704	ug/l	99
74) N-amyl acetate	10.841	43	96513	45.978	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	74710	48.967	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	61557m	47.929	ug/l	
77) Bromobenzene	11.195	156	59447	53.732	ug/l	90
78) n-propylbenzene	11.299	91	286022	49.576	ug/l	97
79) 2-Chlorotoluene	11.360	91	169410	48.694	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	200783	50.550	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	22982	51.617	ug/l	86
82) 4-Chlorotoluene	11.451	91	200979	48.737	ug/l	95
83) tert-Butylbenzene	11.713	119	212278	52.499	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	202682	50.441	ug/l	96
85) sec-Butylbenzene	11.890	105	266244	51.245	ug/l	99
86) p-Isopropyltoluene	12.006	119	222767	51.432	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111567	51.930	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	111874	50.254	ug/l	99
89) n-Butylbenzene	12.329	91	208960	49.127	ug/l	98
90) Hexachloroethane	12.536	117	39050	50.726	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	108933	52.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15368	44.981	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	74128	52.400	ug/l	99
94) Hexachlorobutadiene	13.725	225	31934	48.574	ug/l	97
95) Naphthalene	13.774	128	232051	51.726	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	73372	51.724	ug/l	99

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ClientSampleId :
VSTDCCC050

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Supervised By :Mahesh Dadoda 06/13/2025

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Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 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

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Abundance

TIC: VX046657.D\data.ms

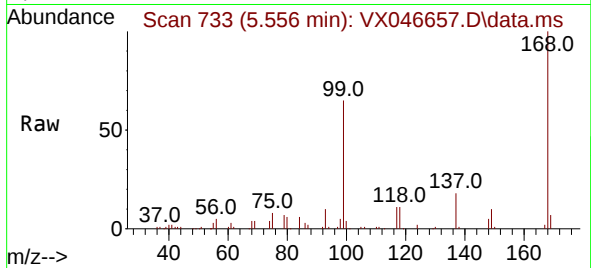
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1,1-Dichloroethane, P
Vinyl Chloride, P
Vinyl Chloride, T
Bromomethane, T
Trichlorofluoromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,2,2-Tetrachloroethane, T
Methyl Isocyanide, T
Methyl Isocyanide, T
Methyl Isocyanide, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
Ethyl Acetate, T
Bromochloromethane, T
Chloroform, T
Pentachloroethane, T
Cyclohexane, T
1,2-Dichloroethane, S
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,4-Dioxane, T
Bromochloromethane, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
cis-1,3-Dichloropropene, T
Toluene, CM
t-1,3-Dichloropropene, T
Ethyl Isocyanide, T
1,3-Dichloropropene, T
1,2-Dibromochloromethane, T
1,1,2,2-Tetrachloroethane, PM
Ethyl Benzene, C
m/p-Xylenes, T
N-amyl acetate, T
Isopropylbenzene, T
trans-1,4-Dichloro-2-butene, S
1,2,3-Trichloropropane, T
2-Chlorotoluene, T
1,2,4-Trichlorobenzene, T
tert-Butylbenzene, T
1,2,4-Trichlorobenzene, T
1,3,5-Trichlorobenzene, T
1,3-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
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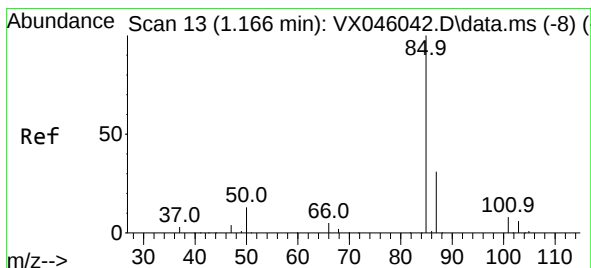
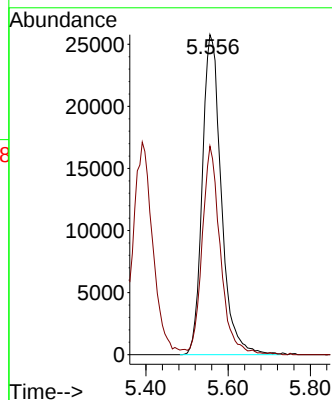
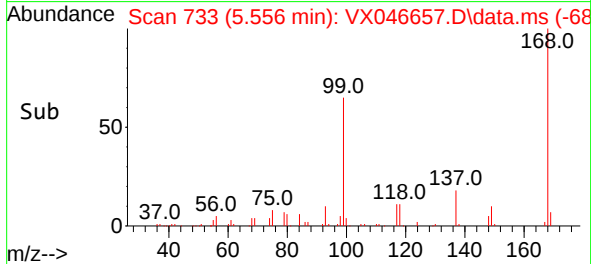
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 8260
Ion Ratio Lower Upper
168 100
99 64.9 54.9 82.3

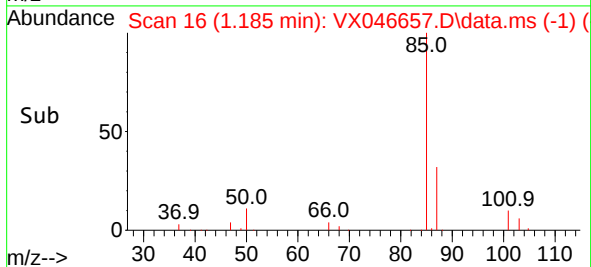
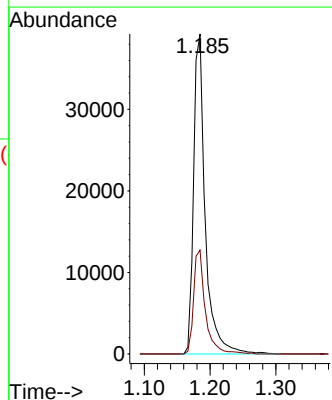
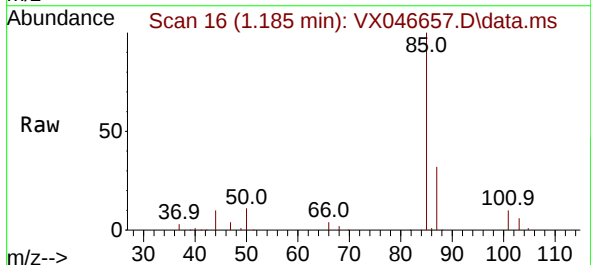
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/13/2025



#2
Dichlorodifluoromethane
Concen: 41.844 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 85 Resp: 47986
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





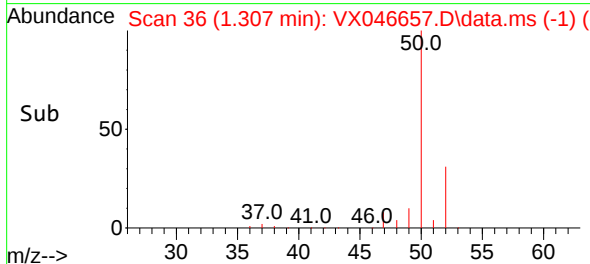
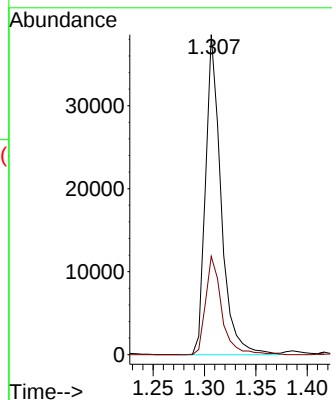
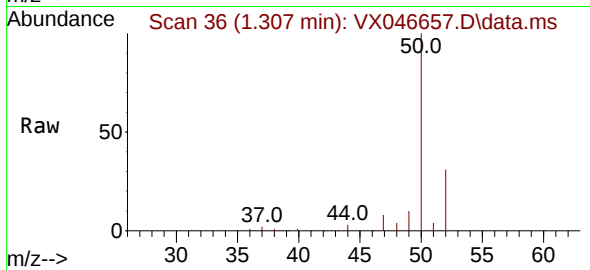
#3
Chloromethane
Concen: 38.898 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 4060
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2

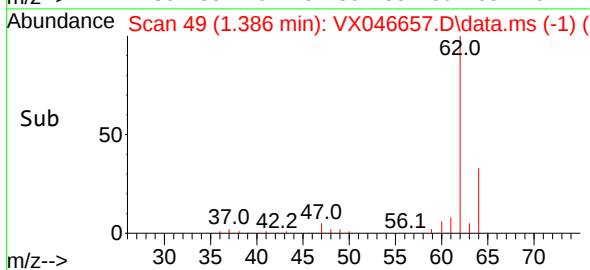
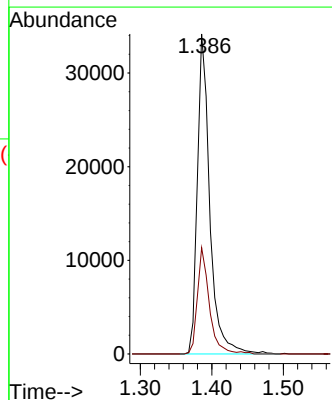
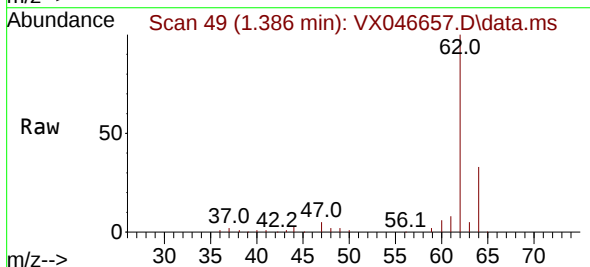
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#4
Vinyl Chloride
Concen: 39.569 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

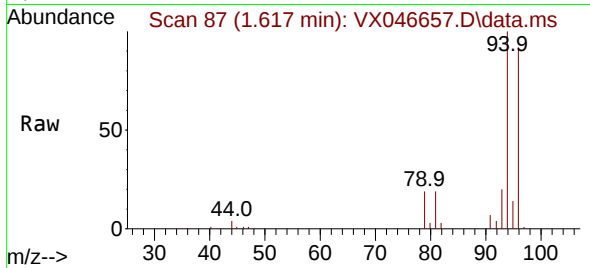
Tgt Ion: 62 Resp: 41173
Ion Ratio Lower Upper
62 100
64 33.2 25.2 37.8





#5
Bromomethane
Concen: 36.617 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

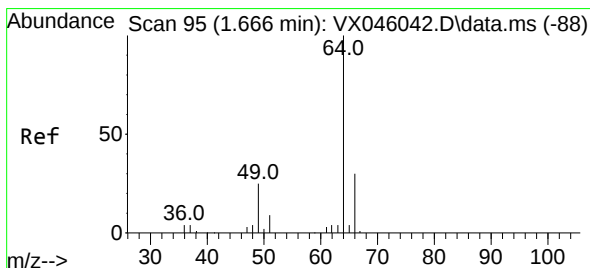
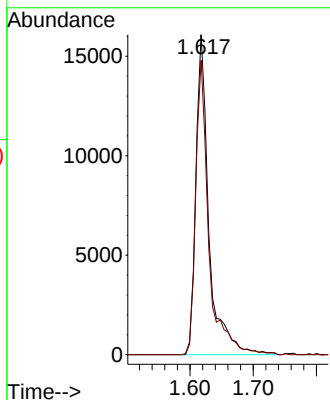
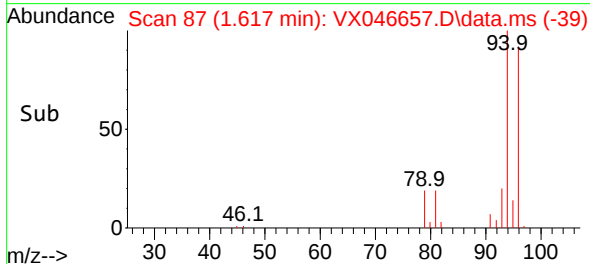
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 2313
Ion Ratio Lower Upper
94 100
96 92.0 72.8 109.2

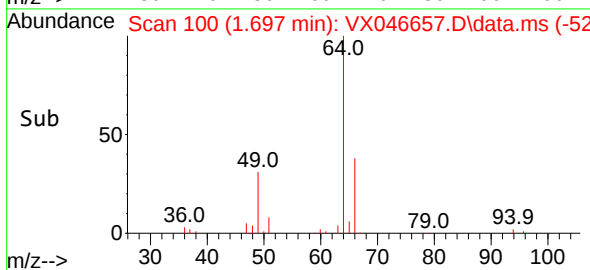
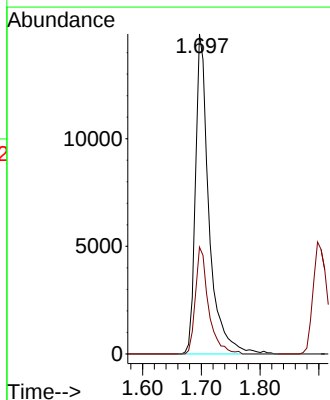
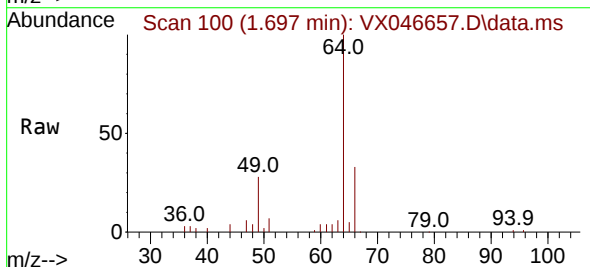
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#6
Chloroethane
Concen: 35.309 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

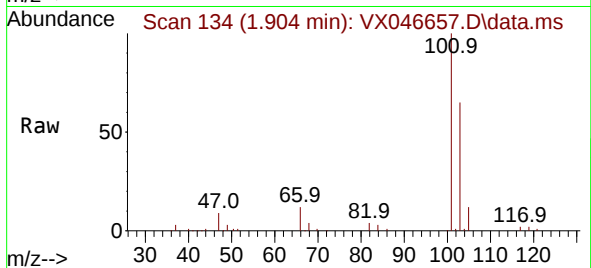
Tgt Ion: 64 Resp: 23838
Ion Ratio Lower Upper
64 100
66 33.4 24.3 36.5





#7
Trichlorofluoromethane
Concen: 43.086 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

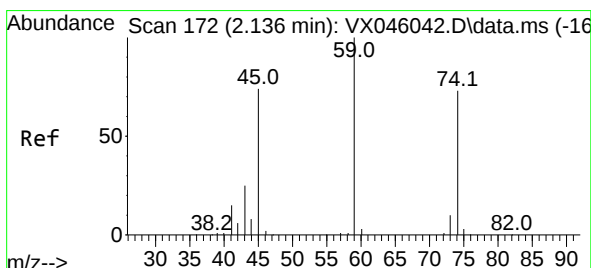
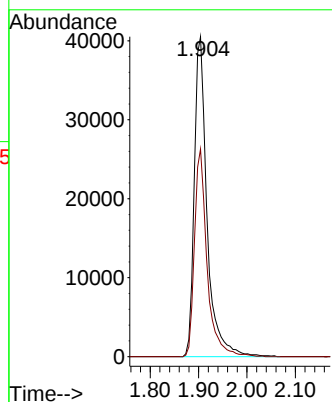
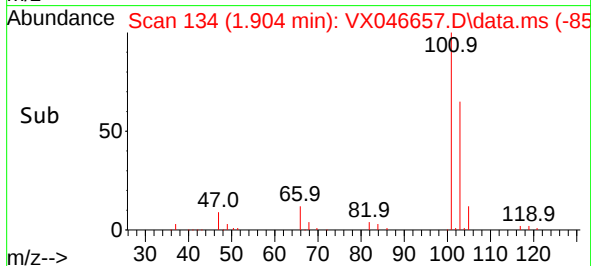
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 74178
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

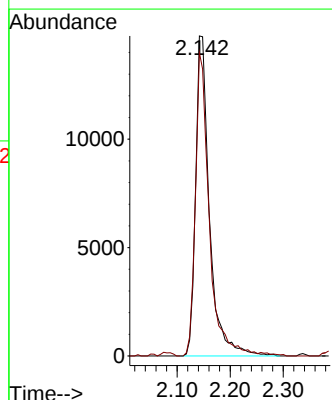
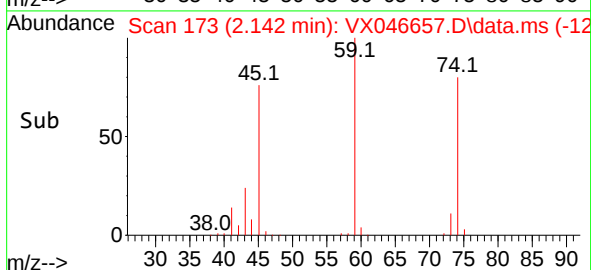
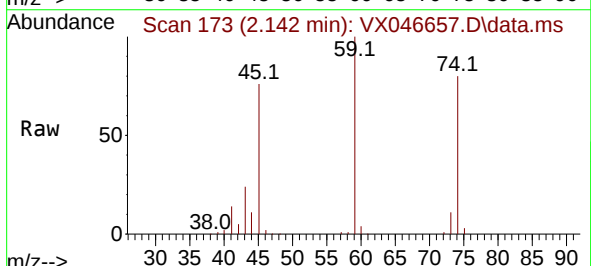
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#8
Diethyl Ether
Concen: 44.038 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 74 Resp: 26788
Ion Ratio Lower Upper
74 100
45 94.3 54.9 164.8





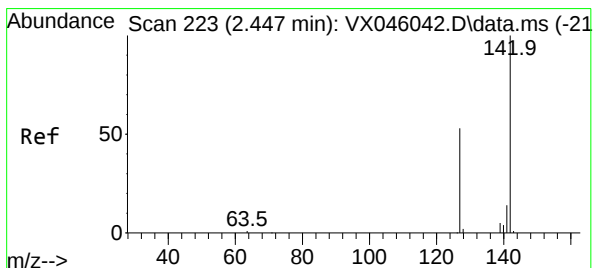
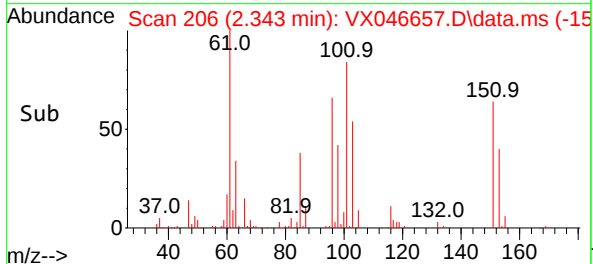
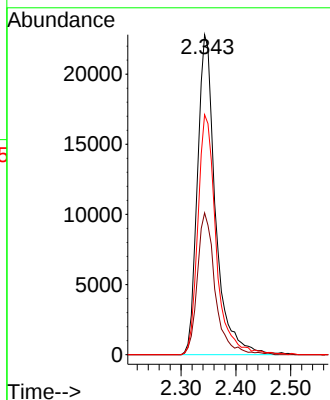
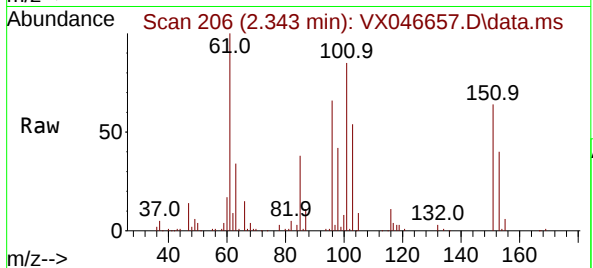
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.132 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 52208
Ion Ratio Lower Upper
101 100
85 44.0 38.6 58.0
151 76.0 55.2 82.8

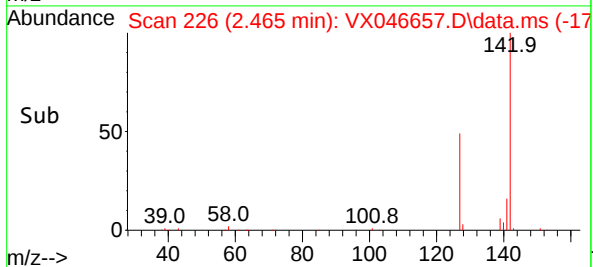
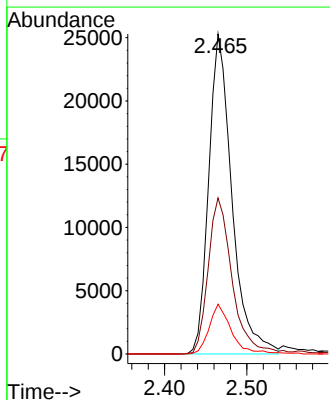
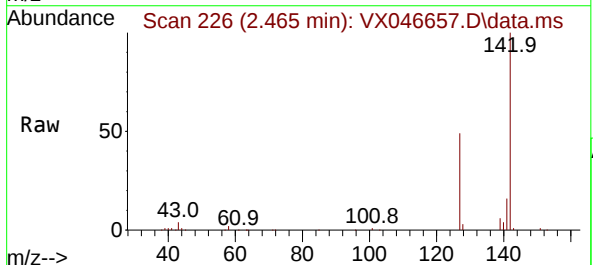
Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
Methyl Iodide
Concen: 42.187 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion:142 Resp: 49604
Ion Ratio Lower Upper
142 100
127 50.5 41.7 62.5
141 14.9 11.5 17.3





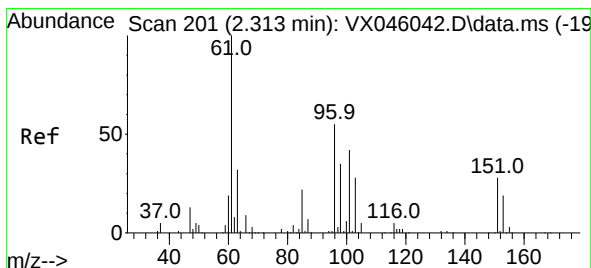
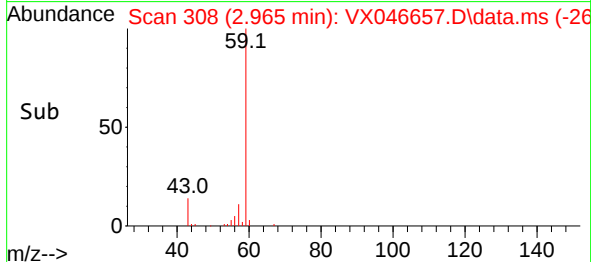
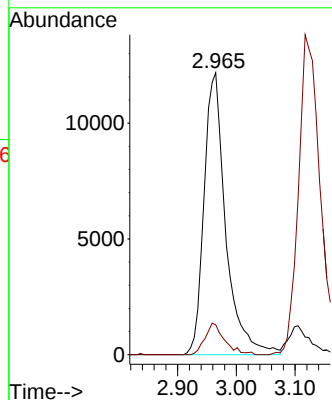
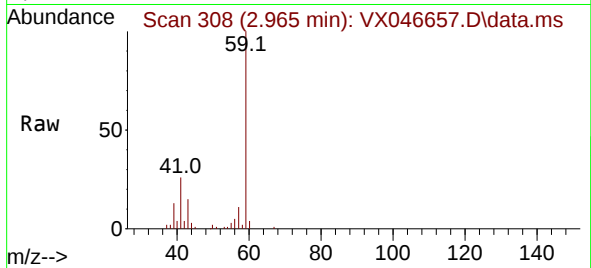
#11
Tert butyl alcohol
Concen: 191.495 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 3122
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

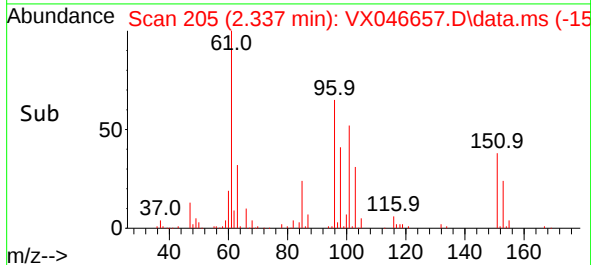
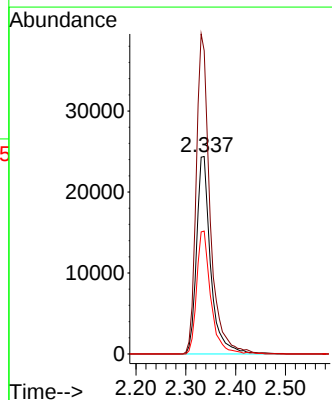
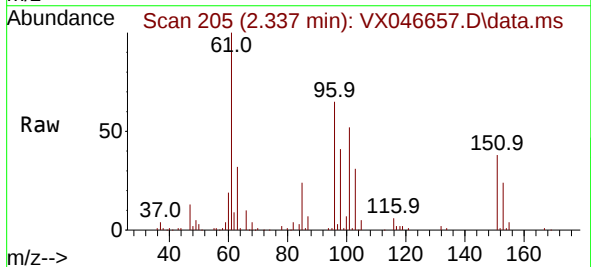
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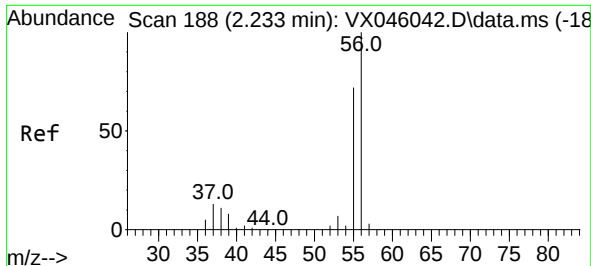
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#12
1,1-Dichloroethene
Concen: 48.736 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 96 Resp: 47795
Ion Ratio Lower Upper
96 100
61 153.6 146.2 219.2
98 62.3 51.0 76.6





#13

Acrolein

Concen: 308.244 ug/l

RT: 2.245 min Scan# 190

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 62360

Ion Ratio Lower Upper

56 100

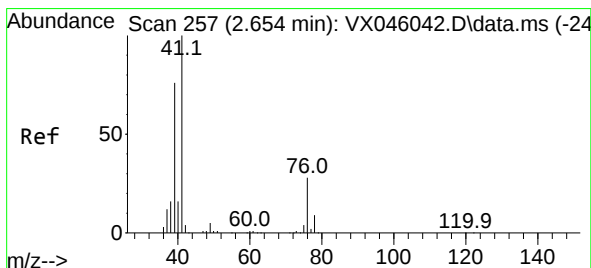
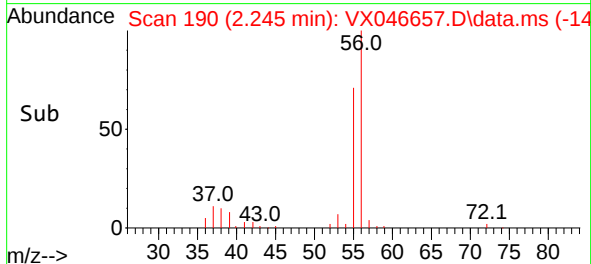
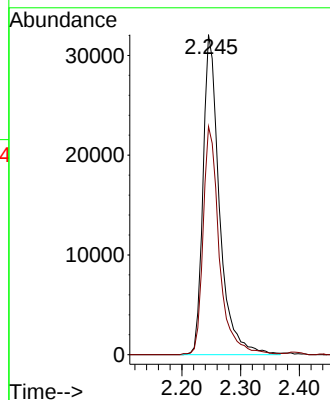
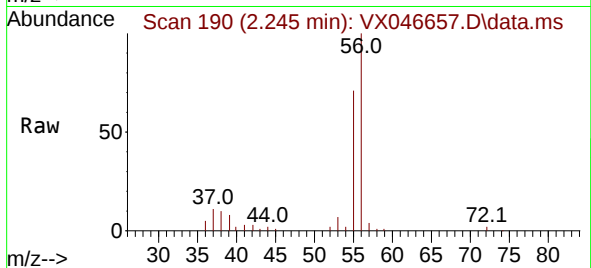
55 70.4 56.2 84.4

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Supervised By :Mahesh Dadoda 06/13/2025



#14

Allyl chloride

Concen: 44.168 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

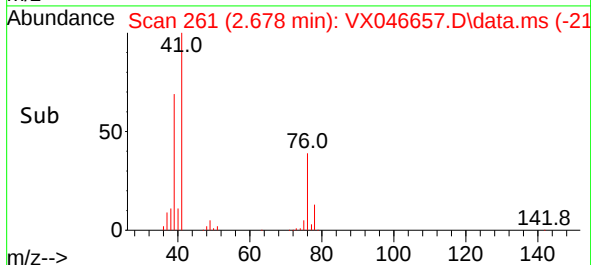
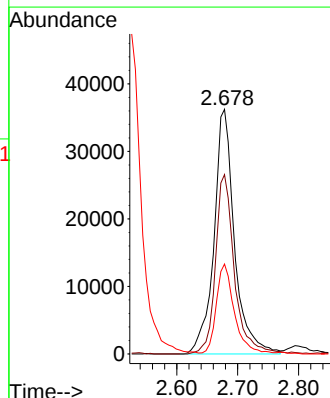
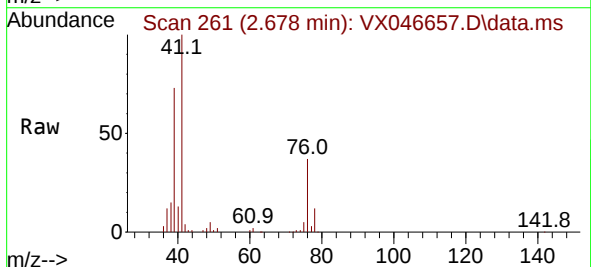
Tgt Ion: 41 Resp: 85070

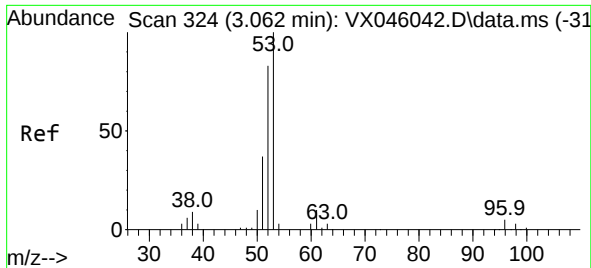
Ion Ratio Lower Upper

41 100

39 67.4 60.6 90.8

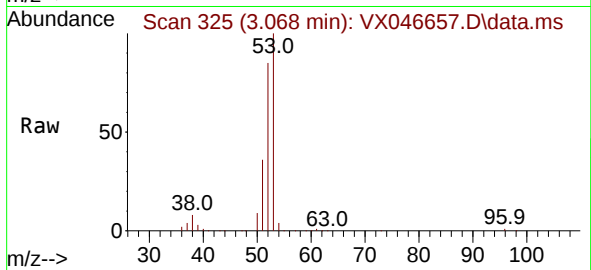
76 31.2 24.9 37.3





#15
Acrylonitrile
Concen: 224.440 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

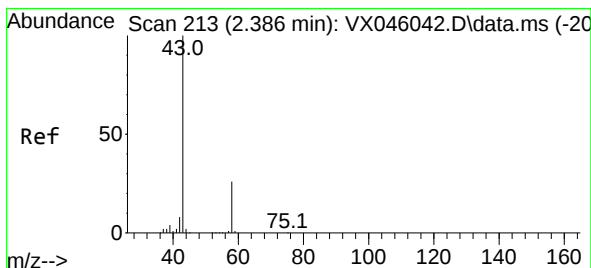
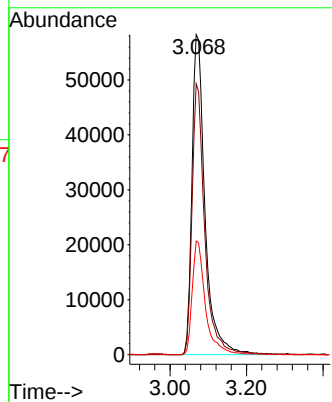
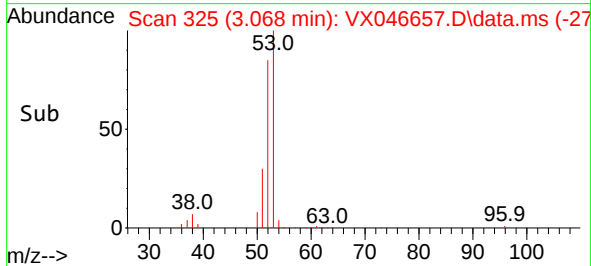
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 13838
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 35.9 29.8 44.8

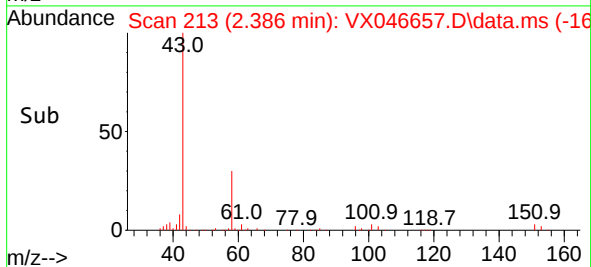
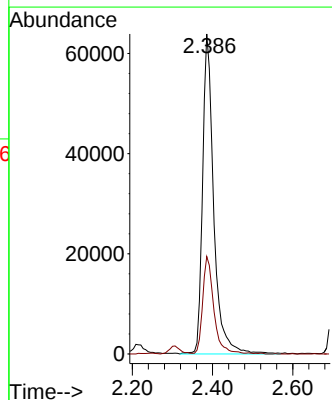
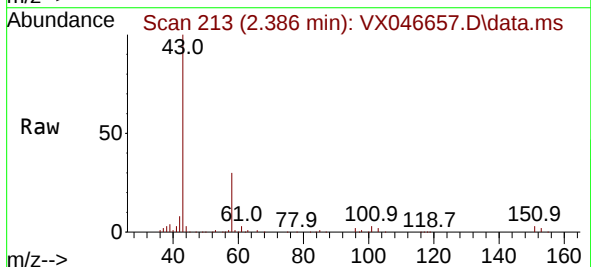
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Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 214.546 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 43 Resp: 123430
Ion Ratio Lower Upper
43 100
58 30.5 21.2 31.8





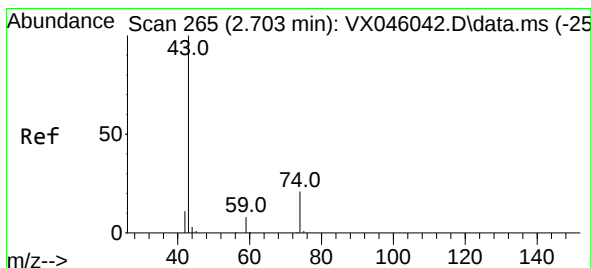
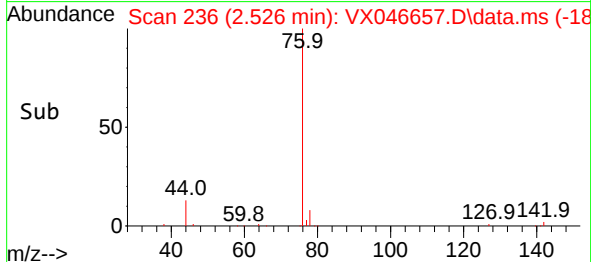
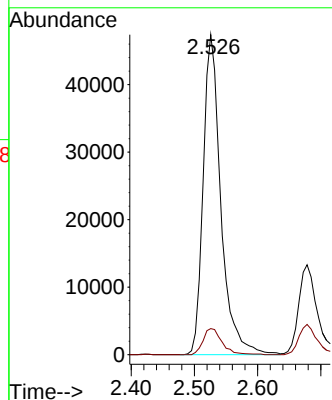
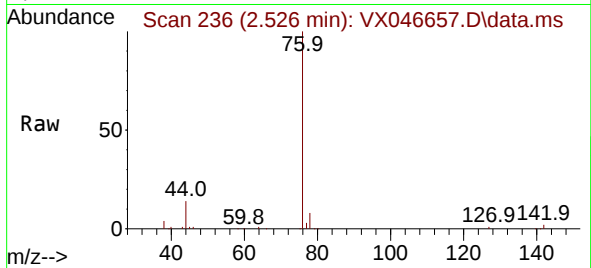
#17
Carbon Disulfide
Concen: 44.419 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 92448
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4

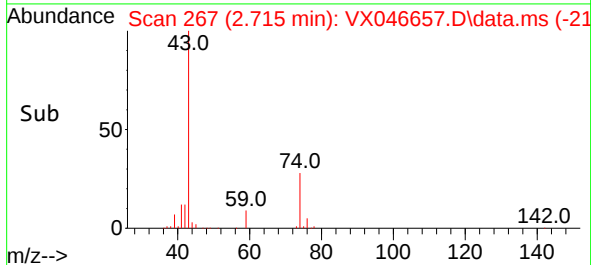
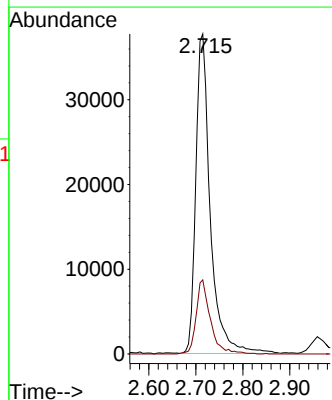
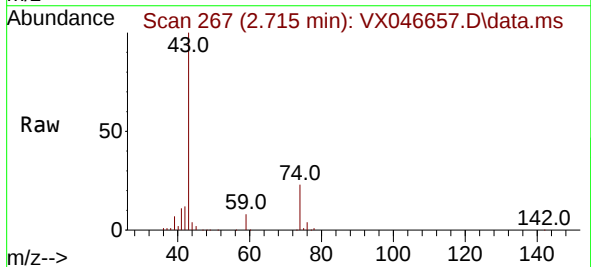
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Supervised By :Mahesh Dadoda 06/13/2025



#18
Methyl Acetate
Concen: 46.215 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 43 Resp: 80898
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1





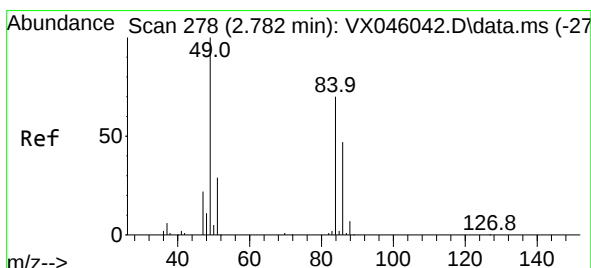
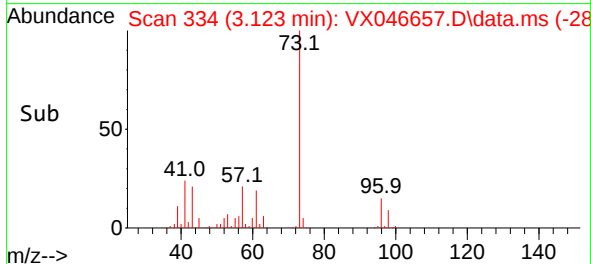
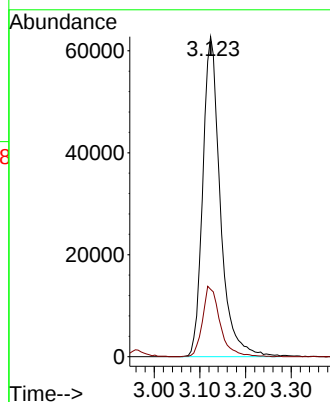
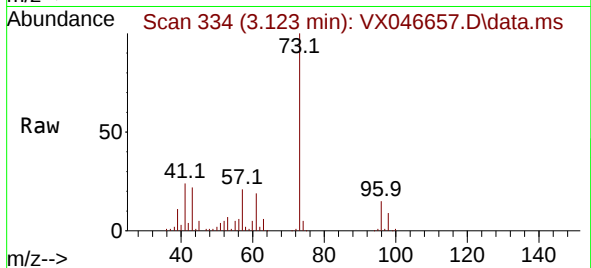
#19
Methyl tert-butyl Ether
Concen: 48.780 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 16739
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

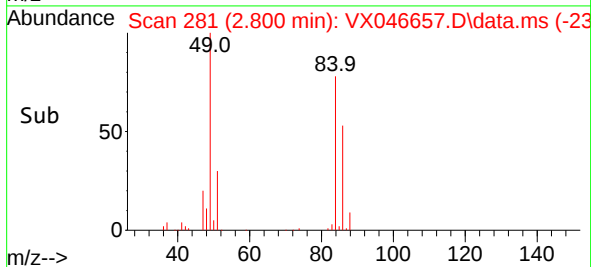
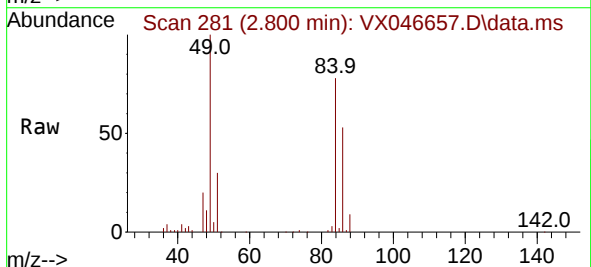
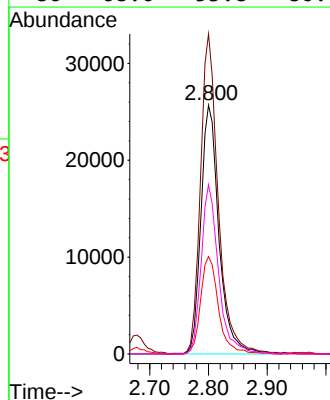
Manual Integrations
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Supervised By :Mahesh Dadoda 06/13/2025



#20
Methylene Chloride
Concen: 46.663 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

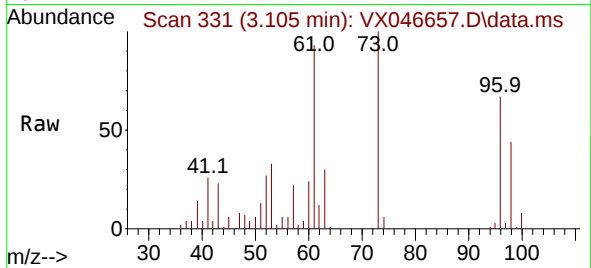
Tgt Ion: 84 Resp: 55016
Ion Ratio Lower Upper
84 100
49 128.3 113.9 170.9
51 39.2 33.5 50.3
86 68.0 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 45.648 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

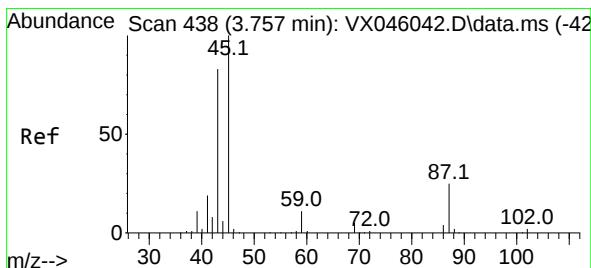
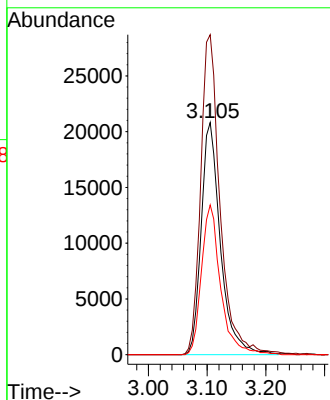
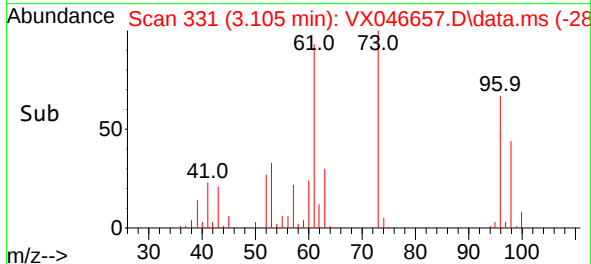
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 47370
Ion Ratio Lower Upper
96 100
61 137.8 119.5 179.3
98 64.5 50.0 75.0

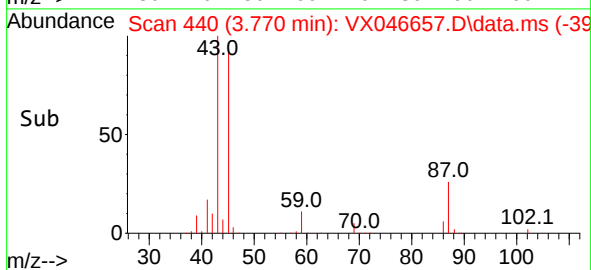
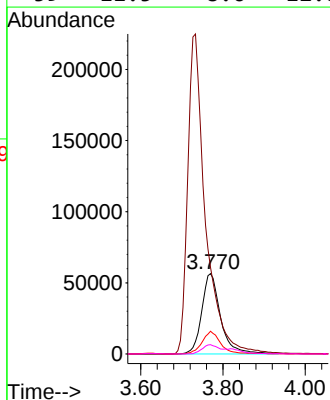
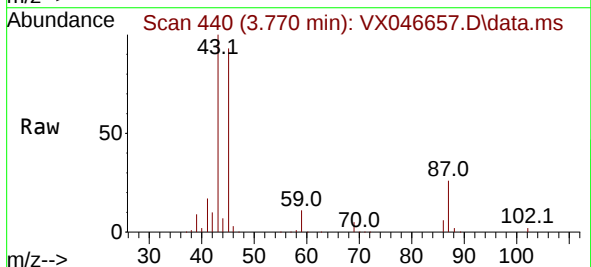
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#22
Diisopropyl ether
Concen: 47.342 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

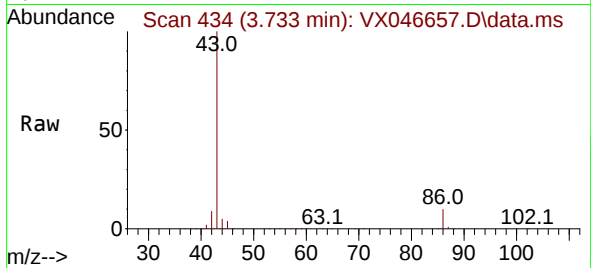
Tgt Ion: 45 Resp: 179769
Ion Ratio Lower Upper
45 100
43 106.1 66.6 100.0#
87 28.3 19.8 29.6
59 11.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 230.742 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11

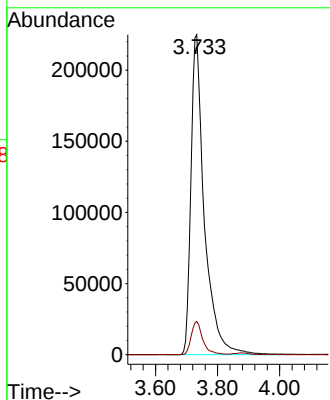
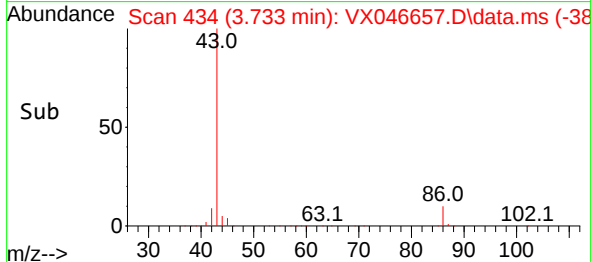
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



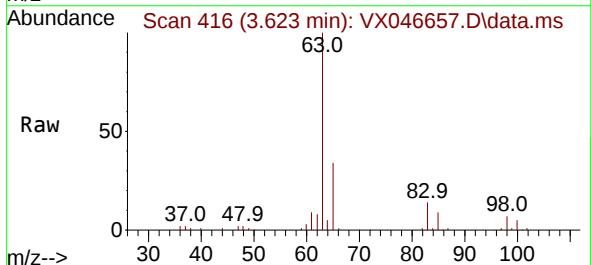
Tgt Ion: 43 Resp: 67646
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.5 11.3

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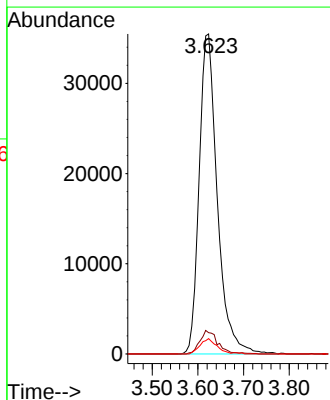
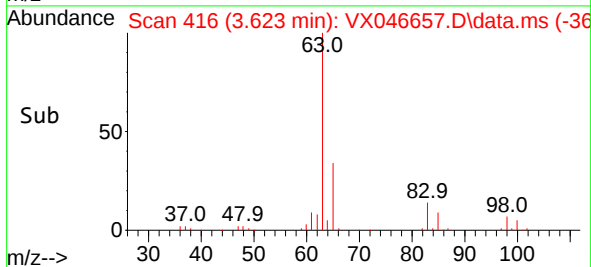
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

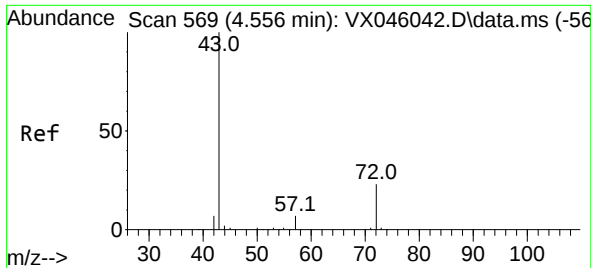


#24
 1,1-Dichloroethane
 Concen: 46.174 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11



Tgt Ion: 63 Resp: 97719
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.8 2.1 6.3





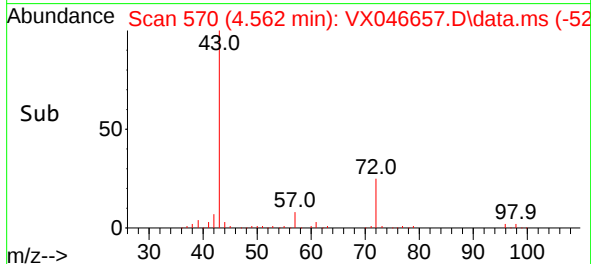
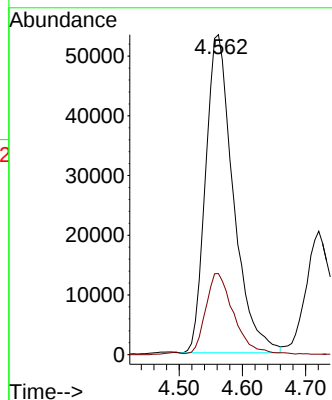
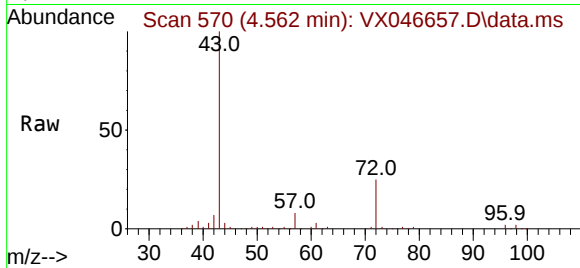
#25
2-Butanone
Concen: 198.700 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16255
Ion Ratio Lower Upper
43 100
72 25.0 18.4 27.6

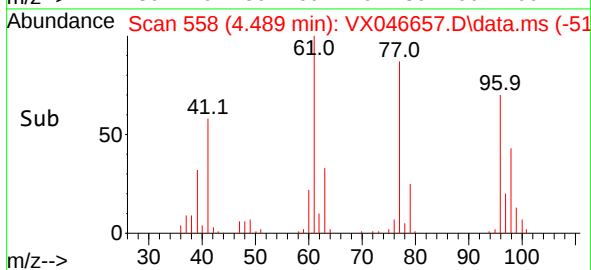
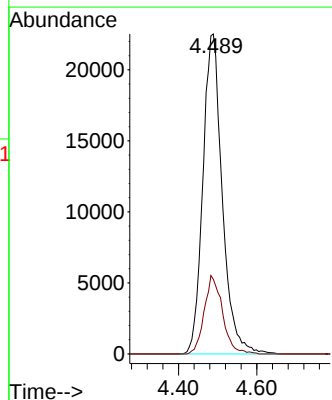
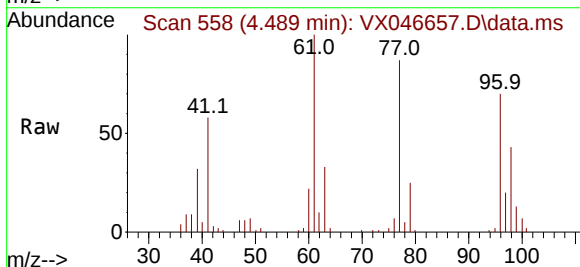
Manual Integrations
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Supervised By :Mahesh Dadoda 06/13/2025



#26
2,2-Dichloropropane
Concen: 49.247 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

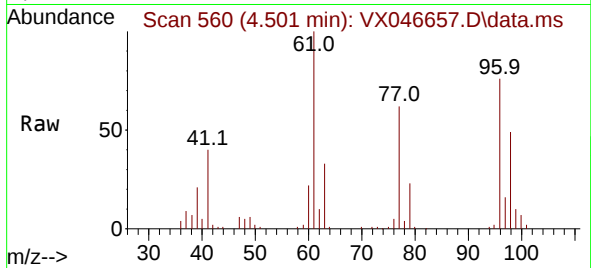
Tgt Ion: 77 Resp: 77371
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.368 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11

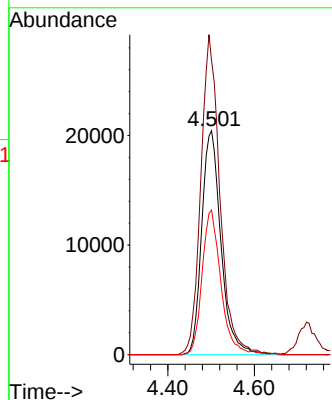
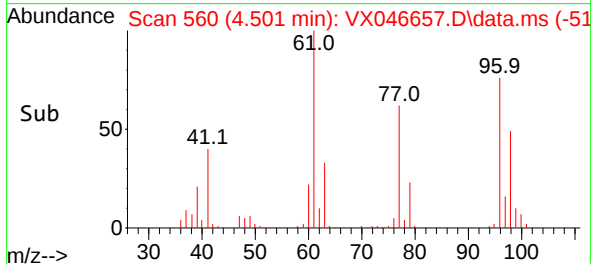
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 63074
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 322.8
 98 63.2 0.0 129.0

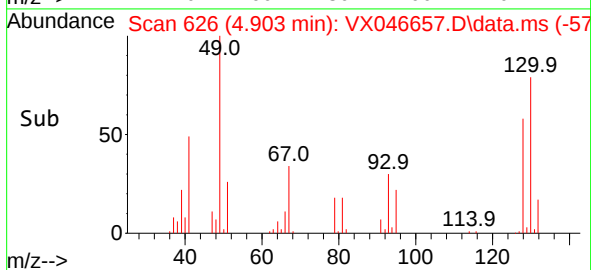
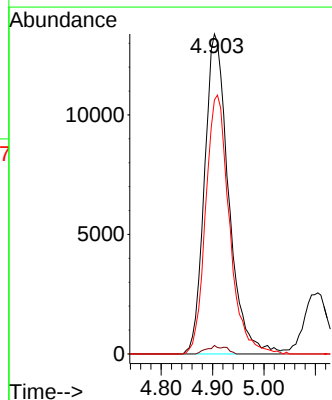
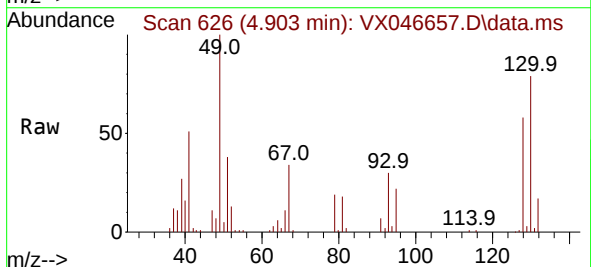
Manual Integrations
 APPROVED

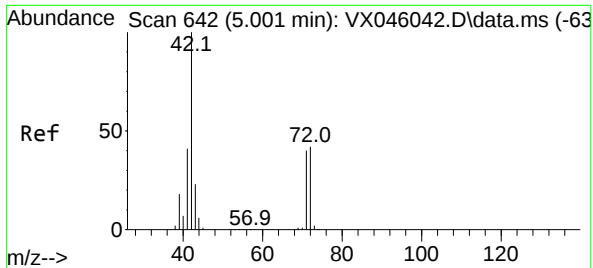
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#28
 Bromochloromethane
 Concen: 43.246 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.013 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11

Tgt Ion: 49 Resp: 43653
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 202.521 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 10463

Ion Ratio Lower Upper

42 100

72 45.3 33.7 50.5

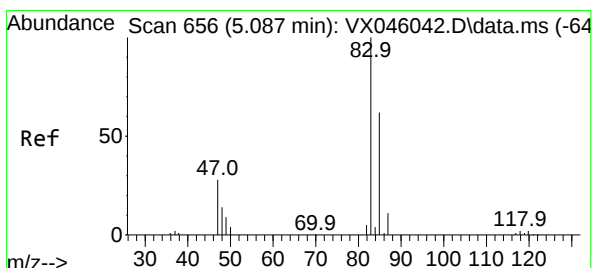
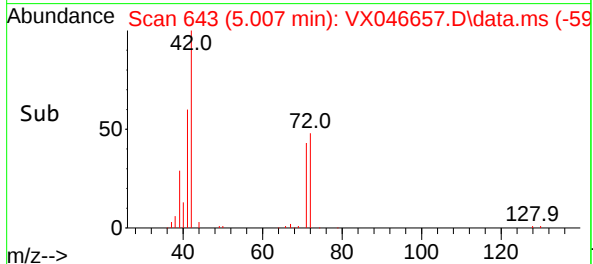
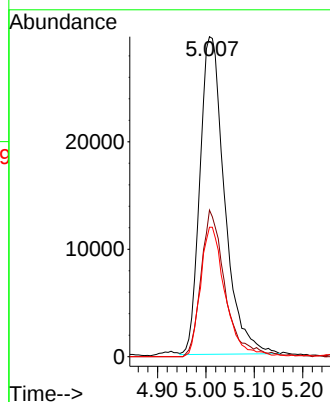
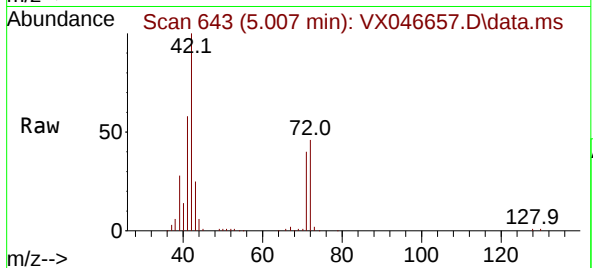
71 40.8 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#30

Chloroform

Concen: 47.284 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.006 min

Lab File: VX046657.D

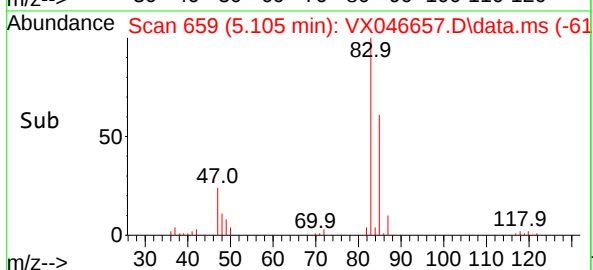
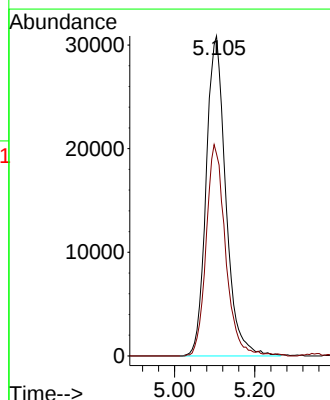
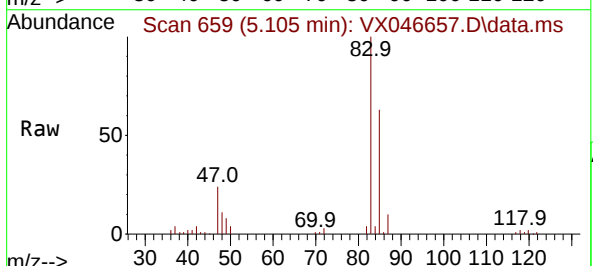
Acq: 12 Jun 2025 10:11

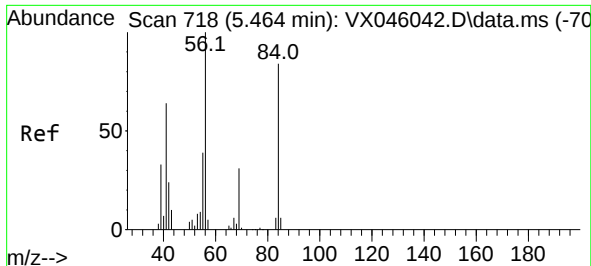
Tgt Ion: 83 Resp: 104851

Ion Ratio Lower Upper

83 100

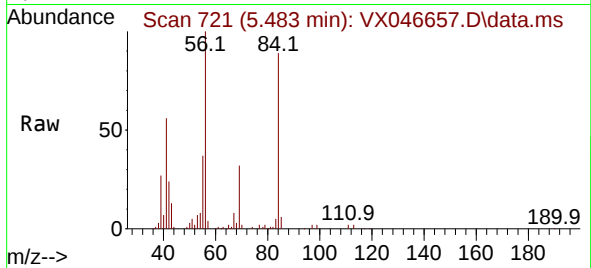
85 63.2 49.3 73.9





#31
Cyclohexane
Concen: 43.368 ug/l
RT: 5.483 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

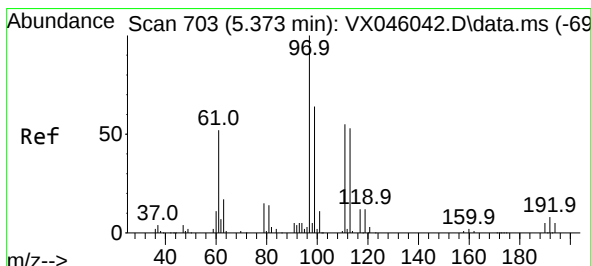
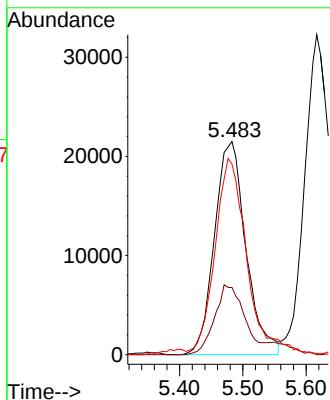
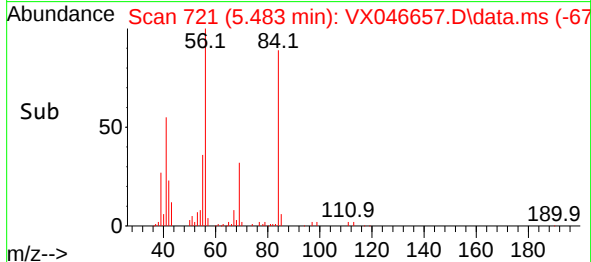
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 74094
Ion Ratio Lower Upper
56 100
69 31.5 24.4 36.6
84 86.9 66.9 100.3

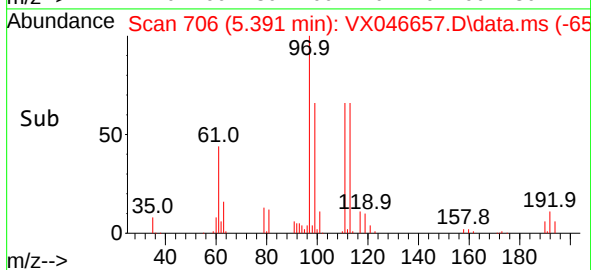
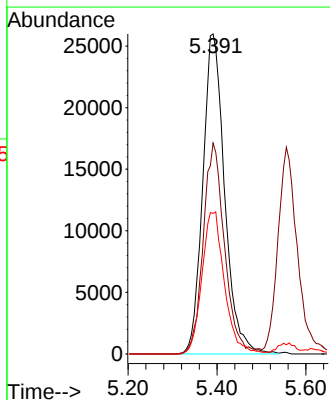
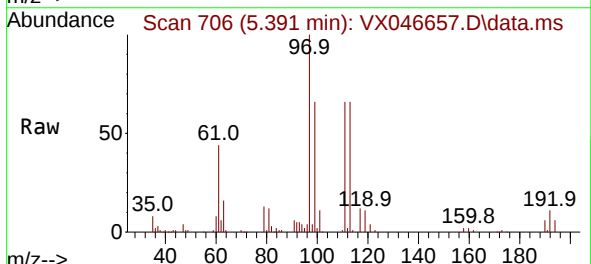
Manual Integrations
APPROVED

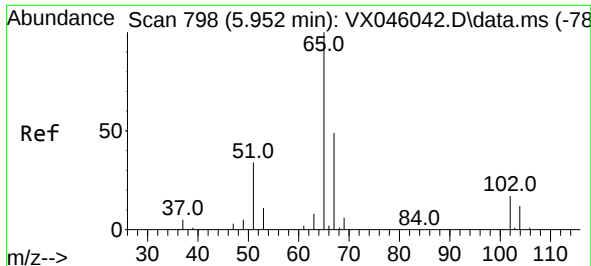
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#32
1,1,1-Trichloroethane
Concen: 46.820 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 97 Resp: 88809
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 45.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 39.968 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 58730

Ion Ratio Lower Upper

65 100

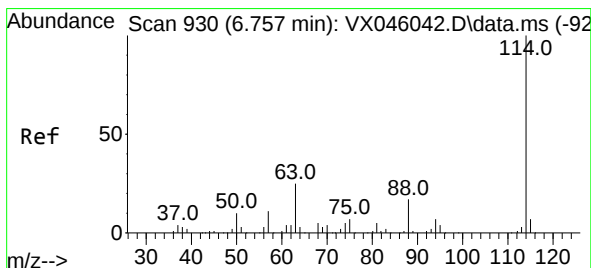
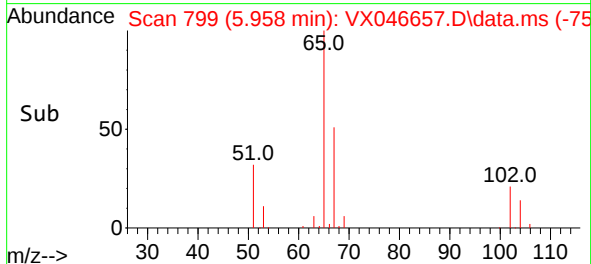
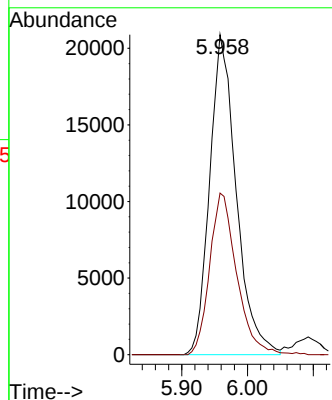
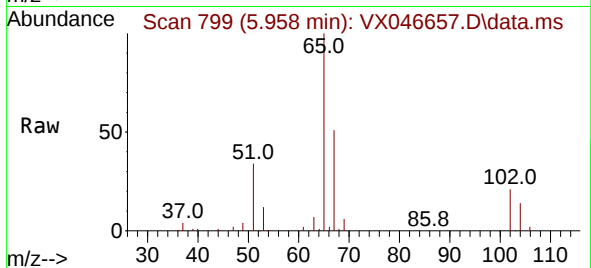
67 51.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

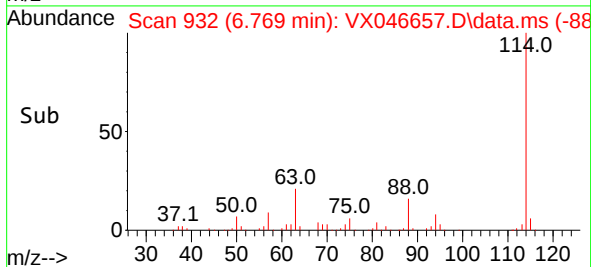
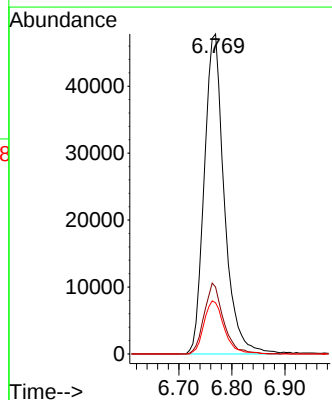
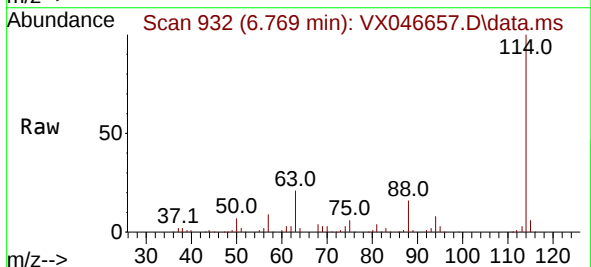
Tgt Ion:114 Resp: 125406

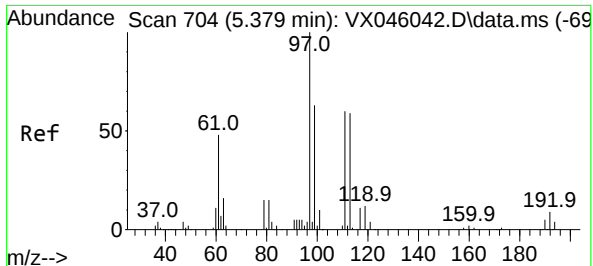
Ion Ratio Lower Upper

114 100

63 20.9 0.0 49.2

88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 59.078 ug/l

RT: 5.391 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 54484

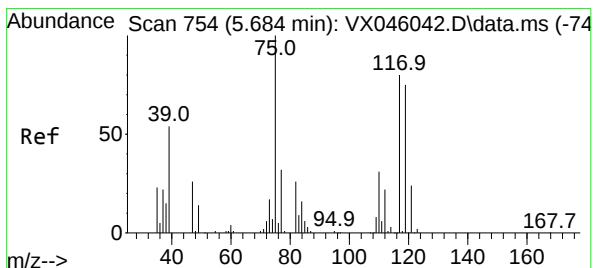
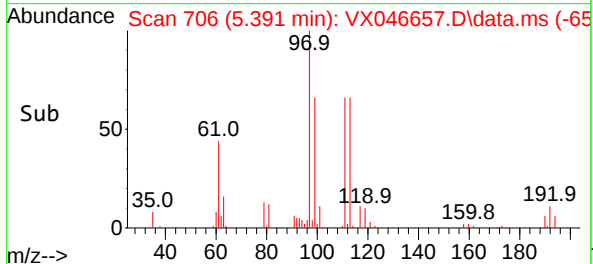
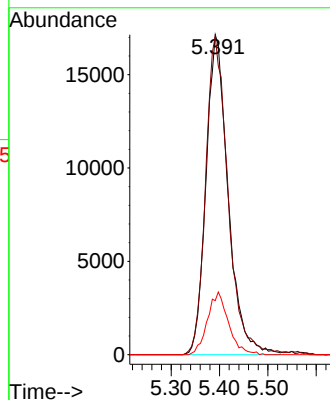
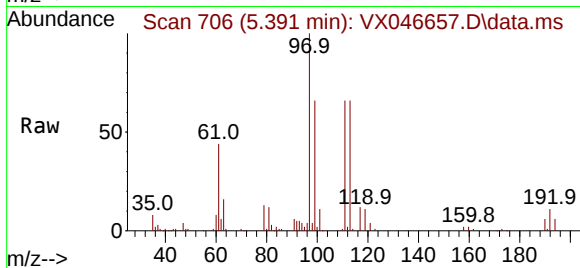
Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.1	124.7
192	18.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#36

1,1-Dichloropropene

Concen: 48.205 ug/l

RT: 5.696 min Scan# 756

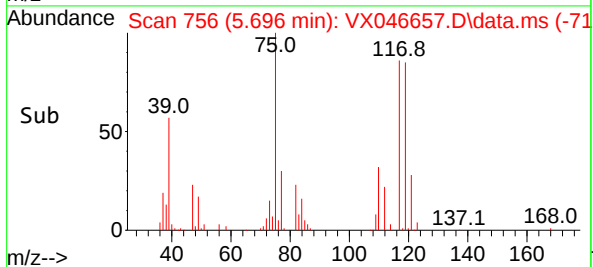
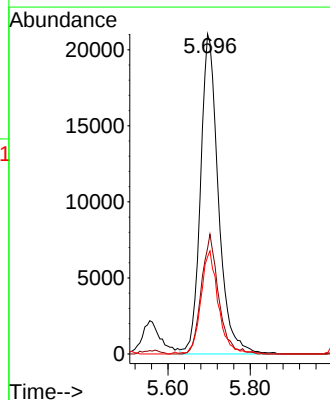
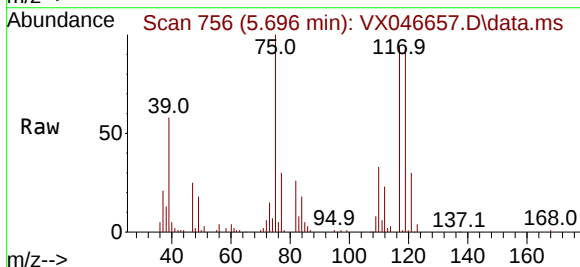
Delta R.T. -0.018 min

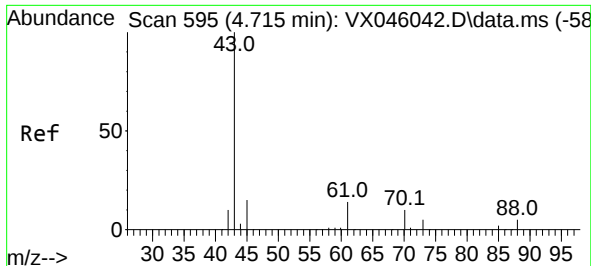
Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Tgt Ion: 75 Resp: 63502

Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.3	48.9
77	31.4	24.3	36.5





#37

Ethyl Acetate

Concen: 50.287 ug/l

RT: 4.721 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6465

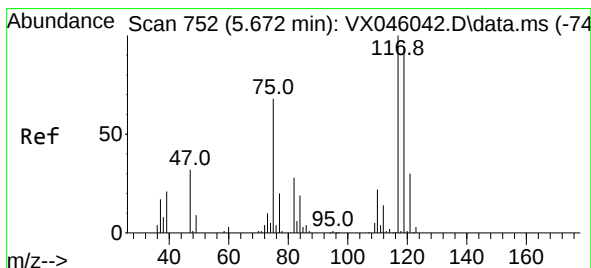
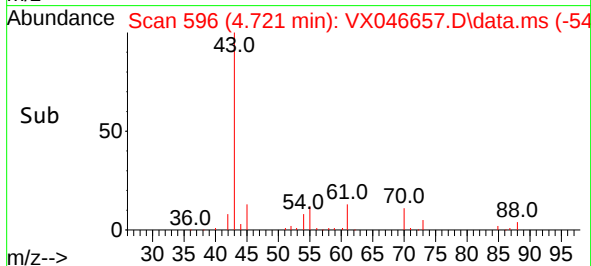
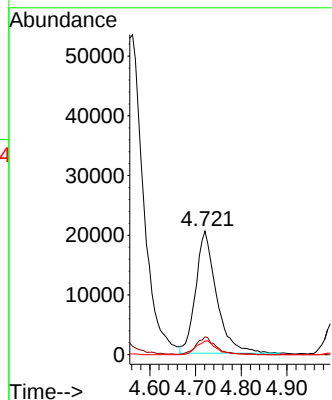
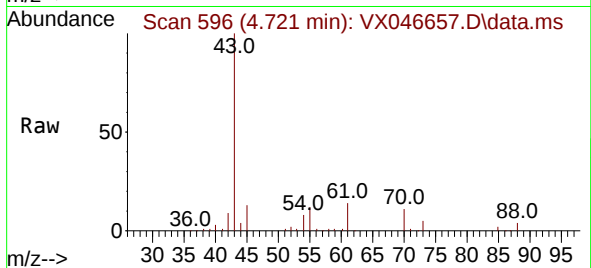
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	11.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#38

Carbon Tetrachloride

Concen: 51.532 ug/l

RT: 5.684 min Scan# 754

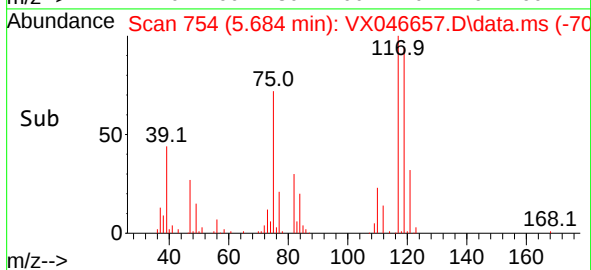
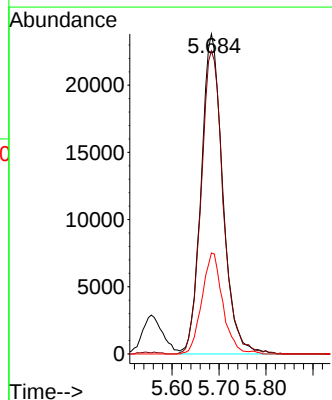
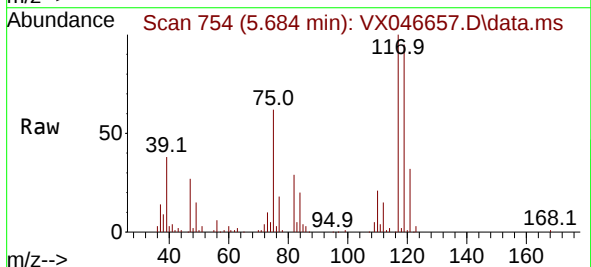
Delta R.T. -0.012 min

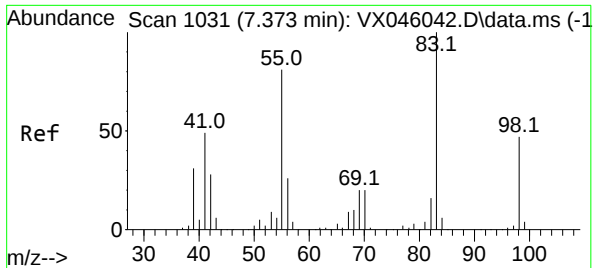
Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Tgt Ion:117 Resp: 76036

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.2	112.8
121	31.6	24.2	36.4





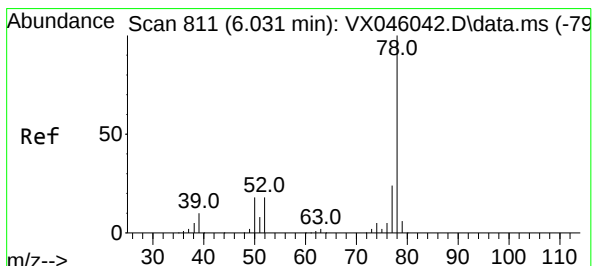
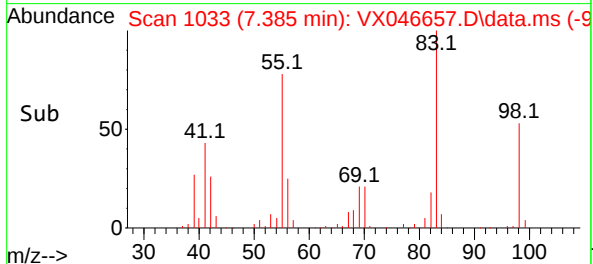
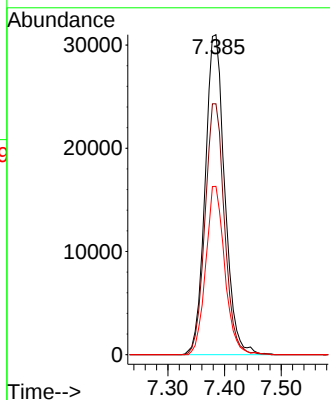
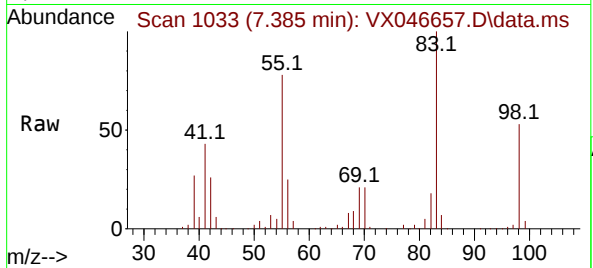
#39
Methylcyclohexane
Concen: 47.793 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 74314
Ion Ratio Lower Upper
83 100
55 78.4 64.7 97.1
98 52.6 37.4 56.2

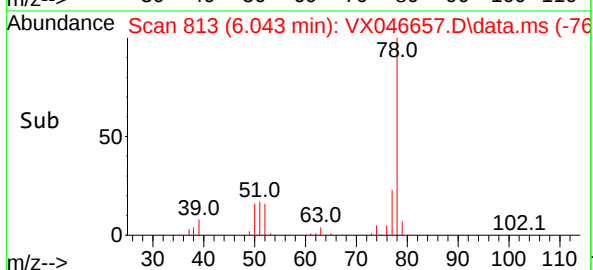
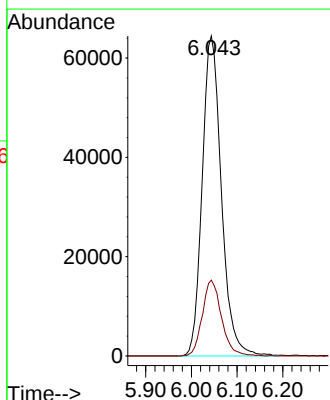
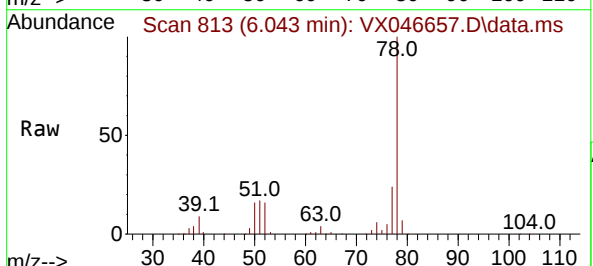
Manual Integrations
APPROVED

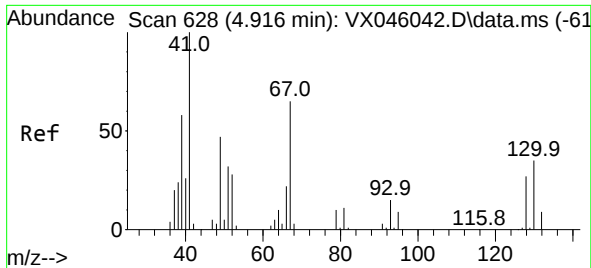
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#40
Benzene
Concen: 50.668 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.013 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 78 Resp: 187904
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 48.375 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

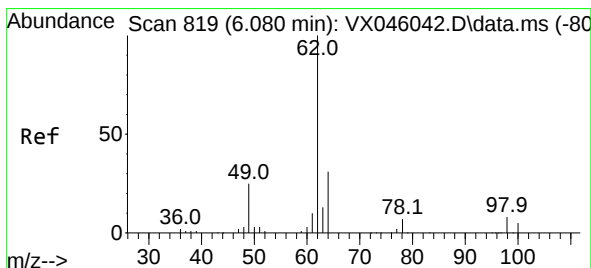
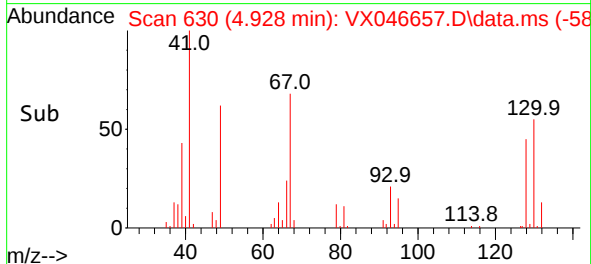
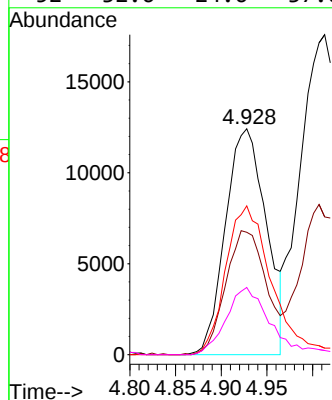
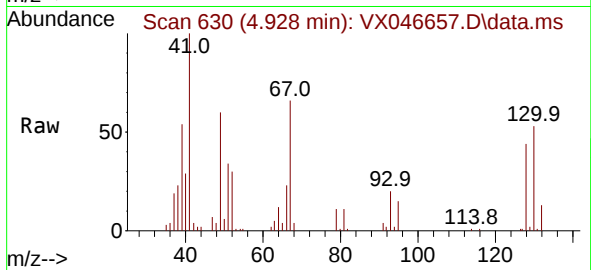
VSTDCCC050

Tgt Ion: 41 Resp: 3862
Ion Ratio Lower Upper
41 100
39 54.4 47.2 70.8
67 74.1 50.7 76.1
52 32.6 24.6 37.0

Manual Integrations

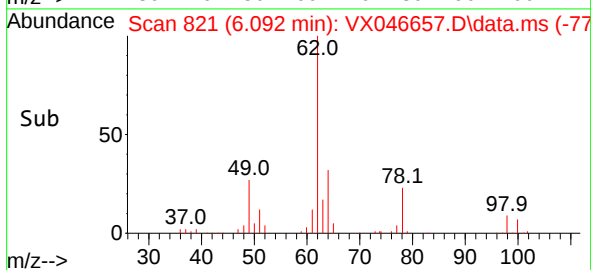
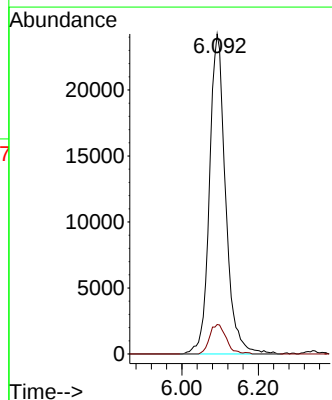
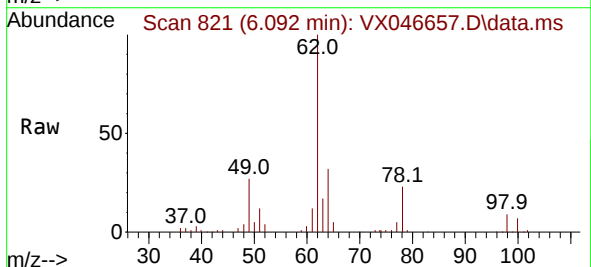
APPROVED

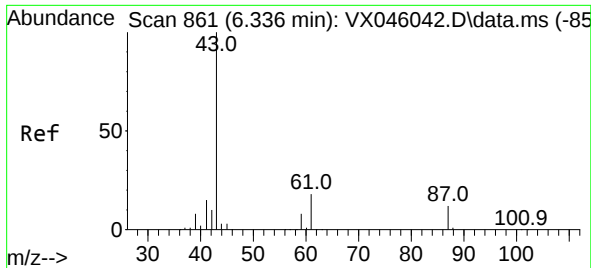
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#42
1,2-Dichloroethane
Concen: 45.968 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

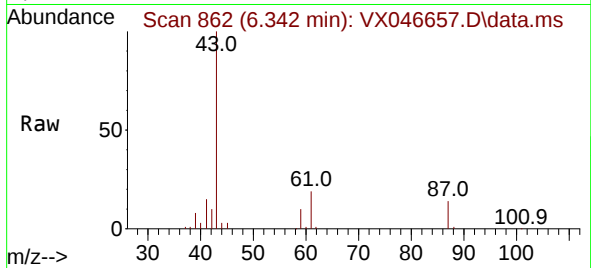
Tgt Ion: 62 Resp: 70921
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 46.166 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

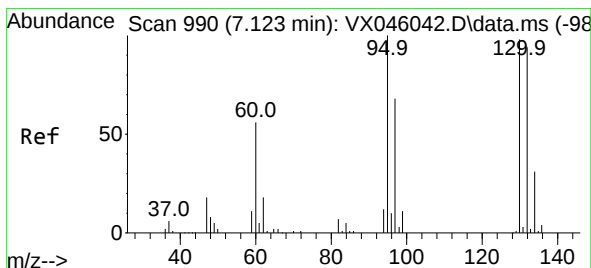
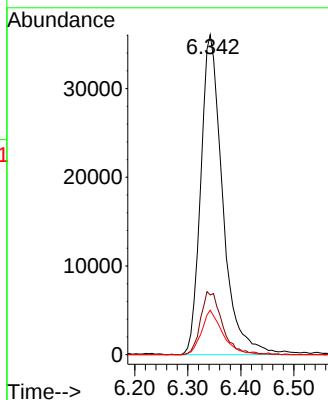
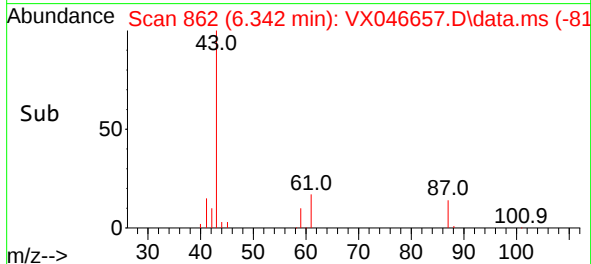
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



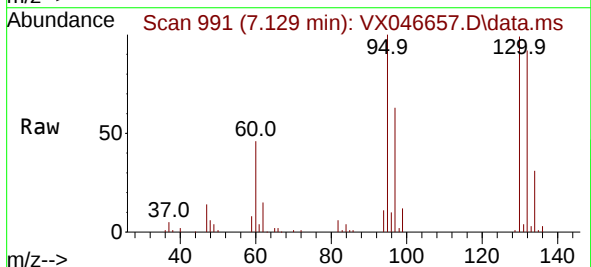
Tgt Ion: 43 Resp: 103479
Ion Ratio Lower Upper
43 100
61 19.5 14.3 21.5
87 13.3 9.5 14.3

Manual Integrations
APPROVED

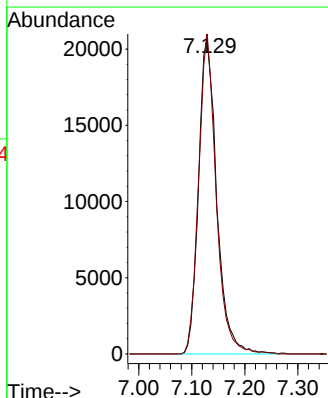
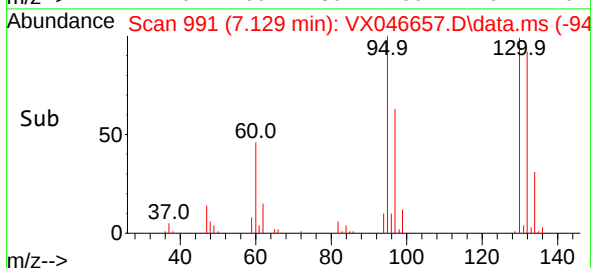
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

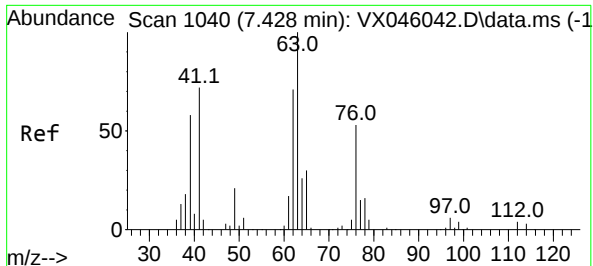


#44
Trichloroethene
Concen: 52.401 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



Tgt Ion:130 Resp: 49377
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.2





#45

1,2-Dichloropropane

Concen: 51.789 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 49574

Ion Ratio Lower Upper

63 100

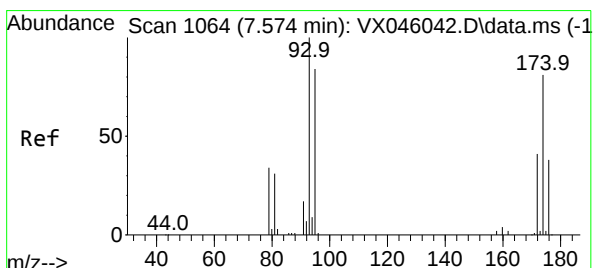
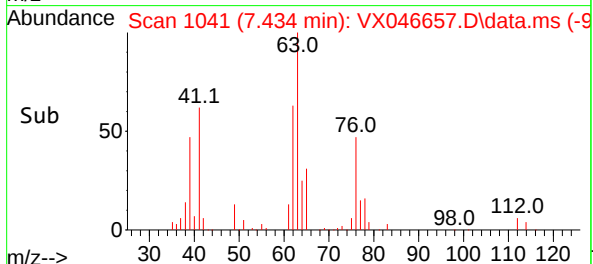
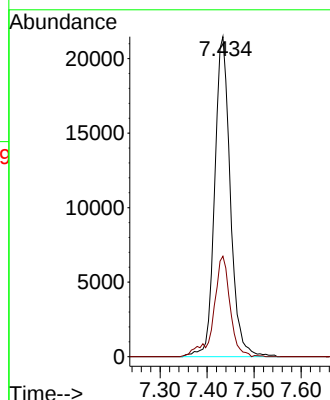
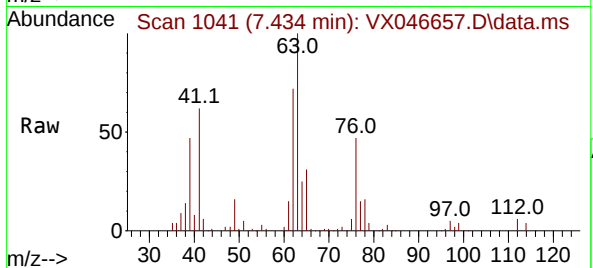
65 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#46

Dibromomethane

Concen: 44.374 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

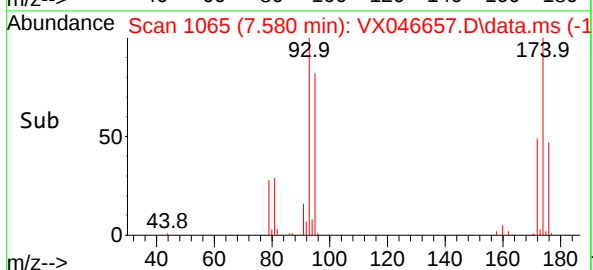
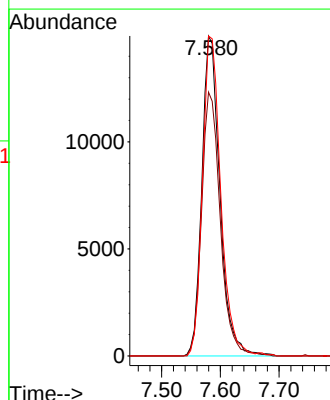
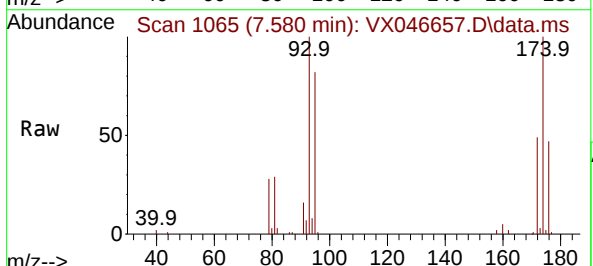
Tgt Ion: 93 Resp: 31955

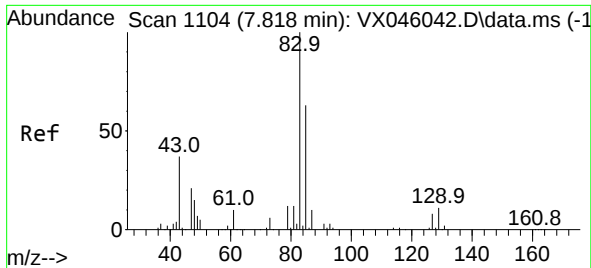
Ion Ratio Lower Upper

93 100

95 84.9 65.6 98.4

174 101.3 68.2 102.2





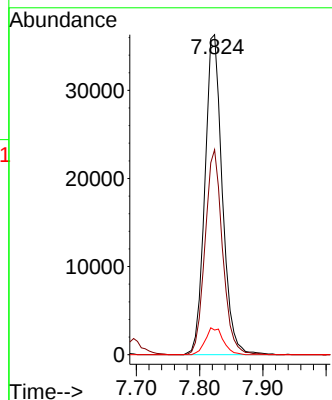
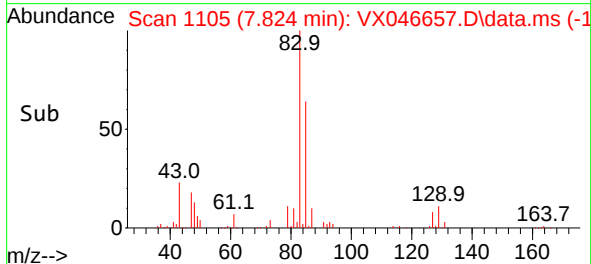
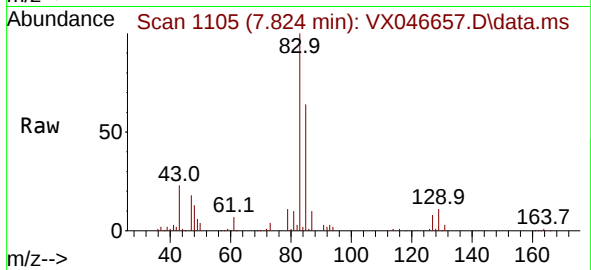
#47
Bromodichloromethane
Concen: 46.922 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 69470
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 7.7 6.5 9.7

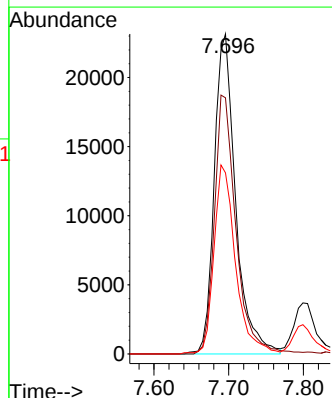
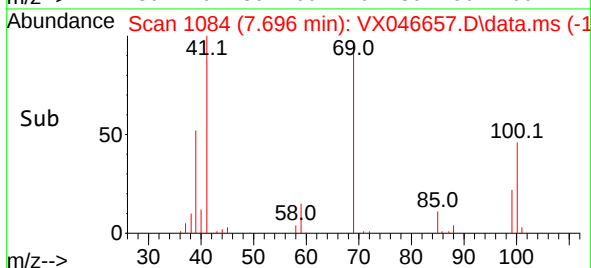
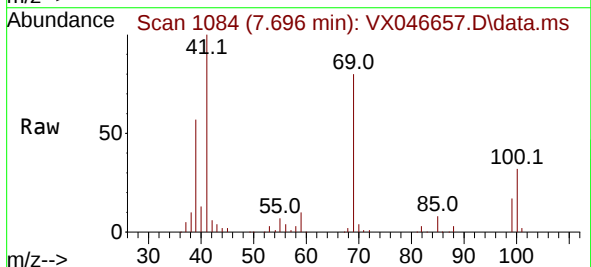
Manual Integrations
APPROVED

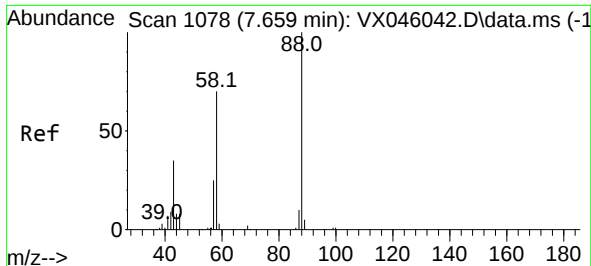
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#48
Methyl methacrylate
Concen: 39.931 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

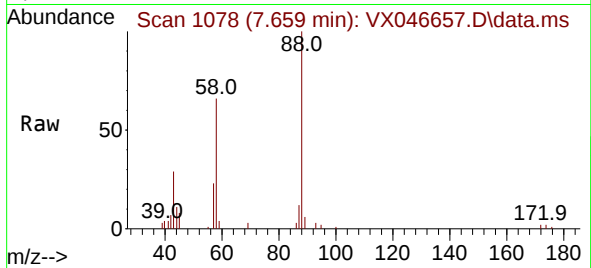
Tgt Ion: 41 Resp: 46050
Ion Ratio Lower Upper
41 100
69 81.8 58.5 87.7
39 59.7 51.7 77.5





#49
1,4-Dioxane
Concen: 833.741 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

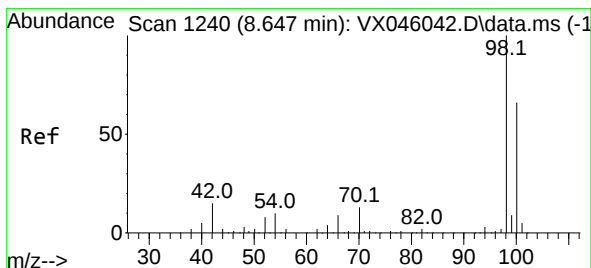
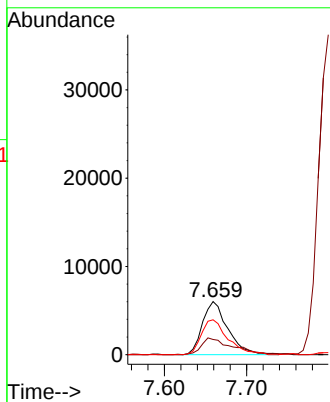
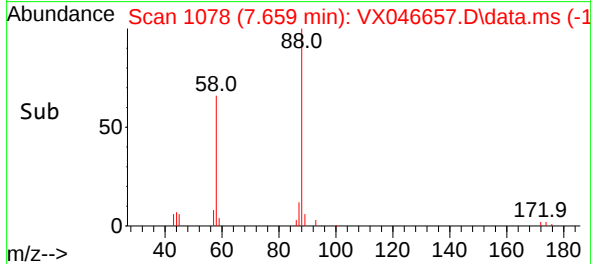
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 12858
Ion Ratio Lower Upper
88 100
43 39.6 33.4 50.2
58 68.6 58.6 88.0

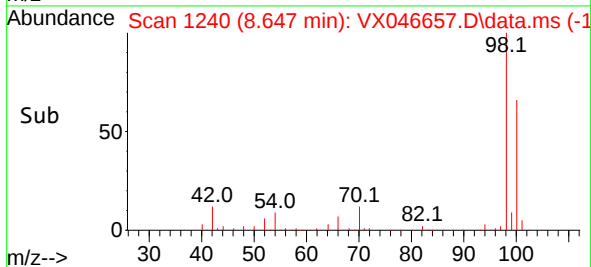
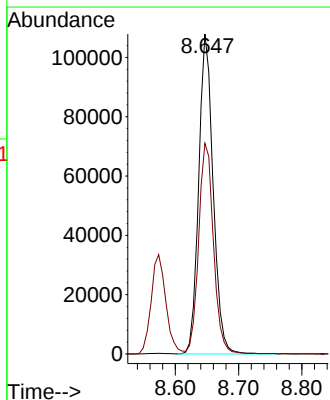
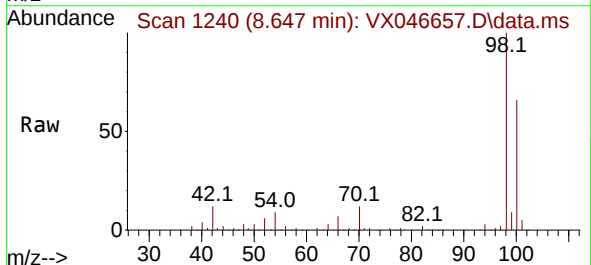
Manual Integrations
APPROVED

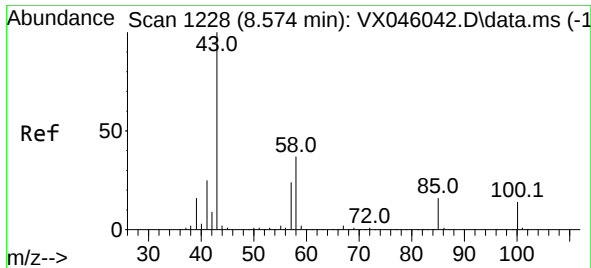
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 56.439 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 98 Resp: 171603
Ion Ratio Lower Upper
98 100
100 67.2 53.5 80.3





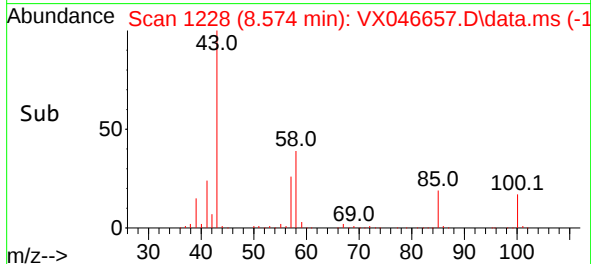
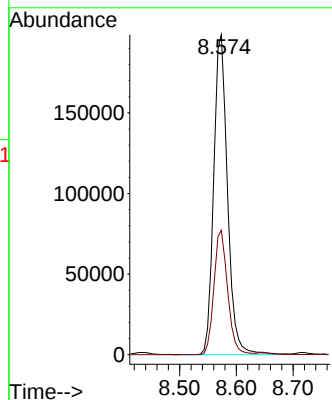
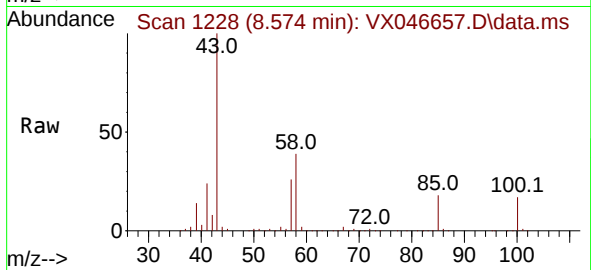
#51
4-Methyl-2-Pentanone
Concen: 235.853 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33593
Ion Ratio Lower Upper
43 100
58 38.6 28.9 43.3

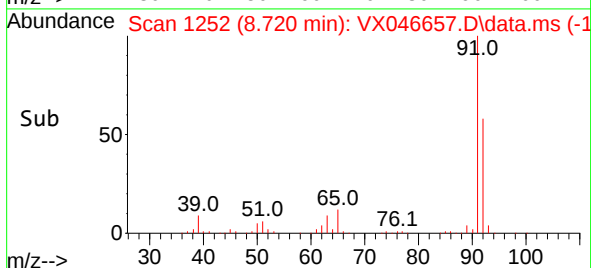
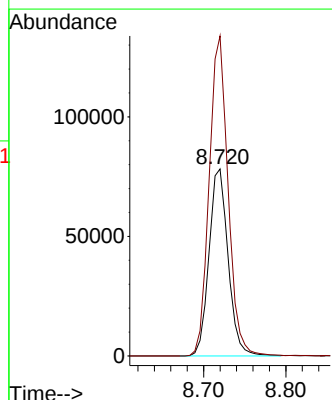
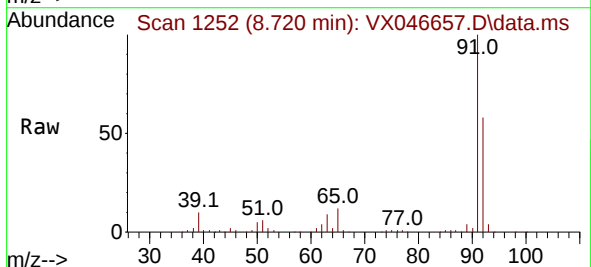
Manual Integrations
APPROVED

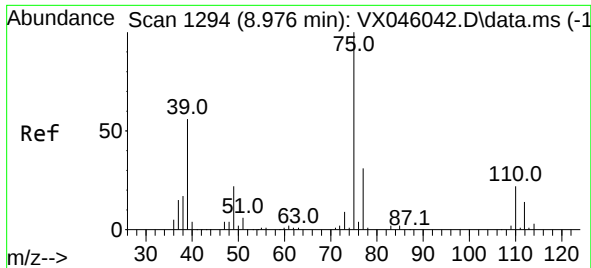
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#52
Toluene
Concen: 55.498 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

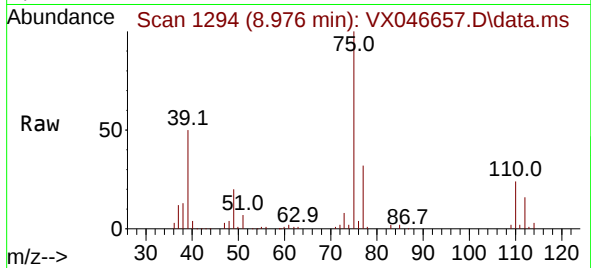
Tgt Ion: 92 Resp: 126444
Ion Ratio Lower Upper
92 100
91 168.9 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 55.952 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

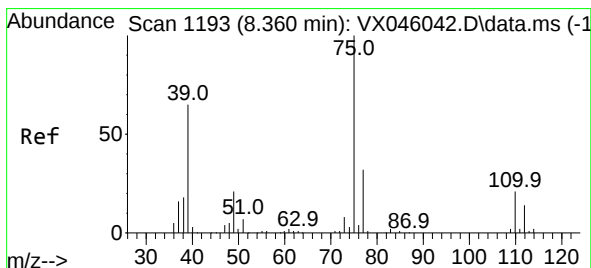
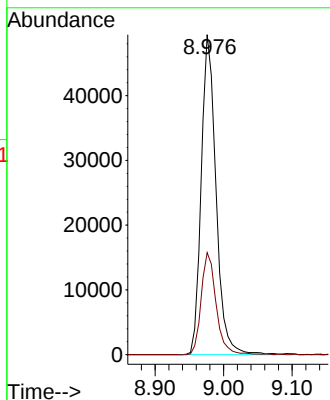
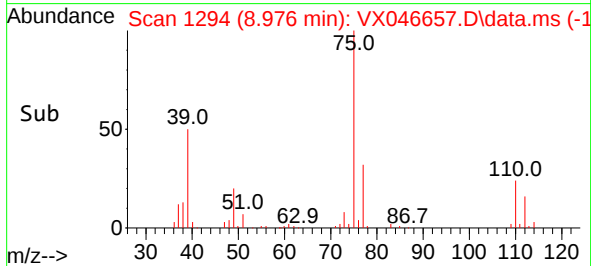
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7428
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6

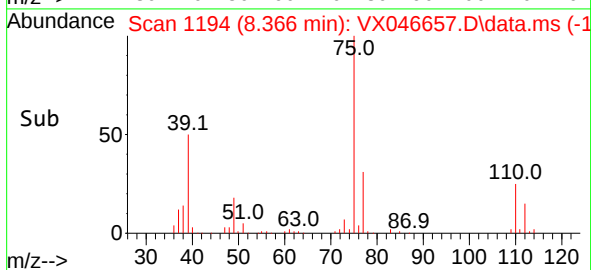
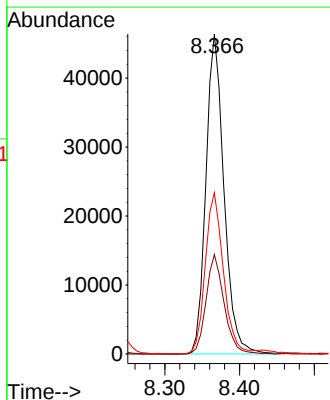
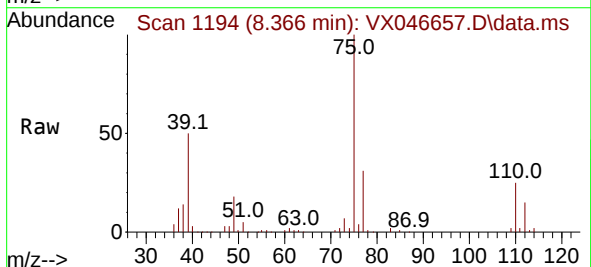
Manual Integrations
APPROVED

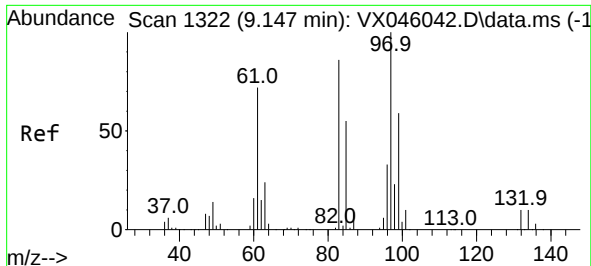
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#54
cis-1,3-Dichloropropene
Concen: 52.698 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 75 Resp: 77787
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 50.4 52.2 78.4#





#55
1,1,2-Trichloroethane
Concen: 58.018 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

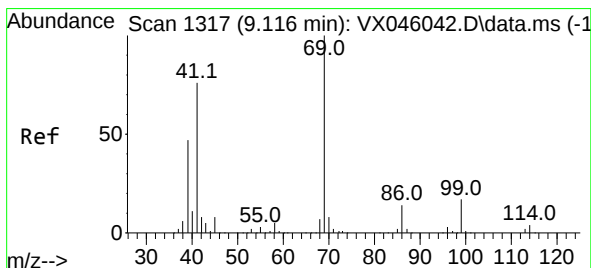
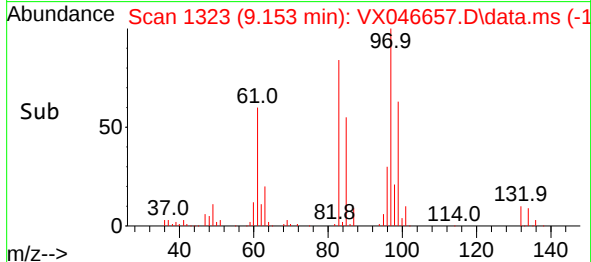
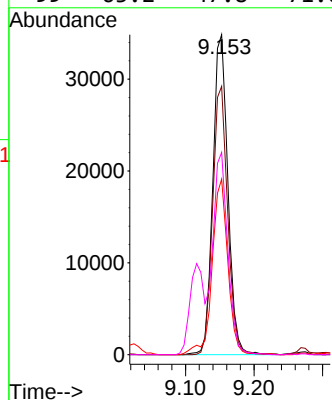
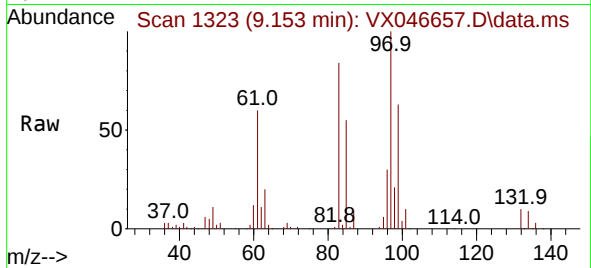
Tgt Ion: 97 Resp: 5306
Ion Ratio Lower Upper
97 100
83 83.8 69.0 103.6
85 54.9 44.3 66.5
99 63.2 47.8 71.6

Manual Integrations

APPROVED

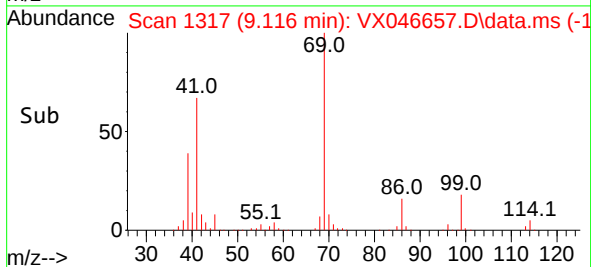
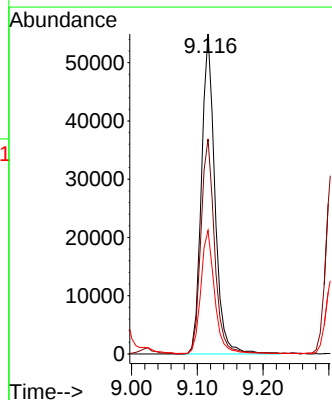
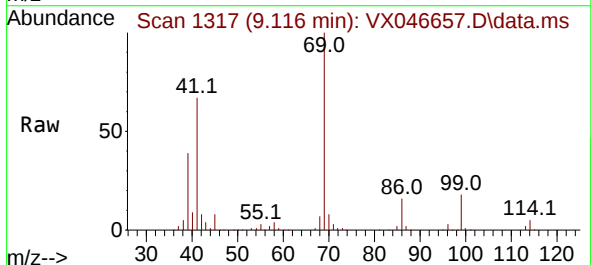
Reviewed By :John Carlone 06/13/2025

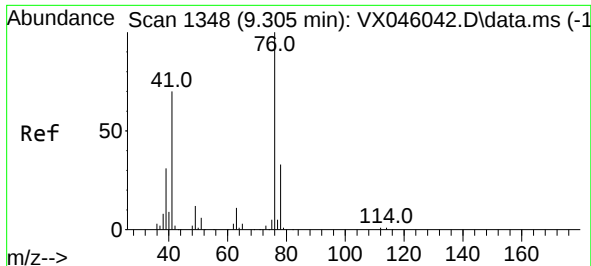
Supervised By :Mahesh Dadoda 06/13/2025



#56
Ethyl methacrylate
Concen: 55.570 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 69 Resp: 78215
Ion Ratio Lower Upper
69 100
41 69.2 60.8 91.2
39 39.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 53.544 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 8654

Ion Ratio Lower Upper

76 100

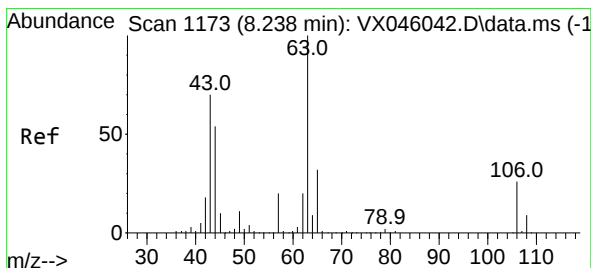
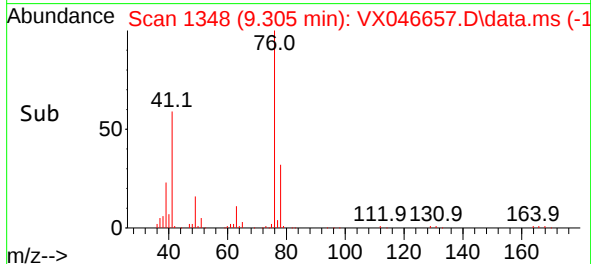
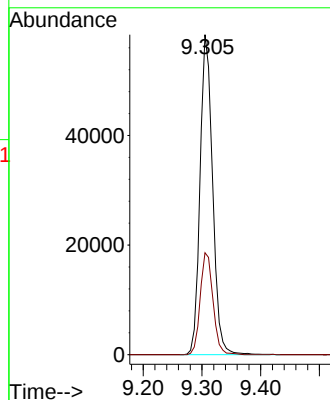
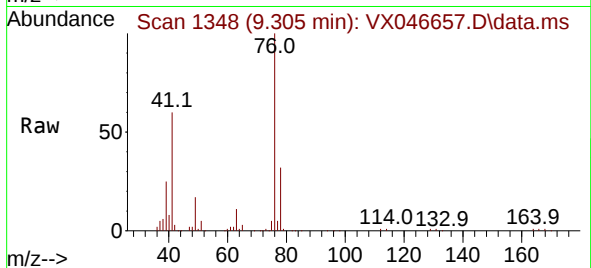
78 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 238.457 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046657.D

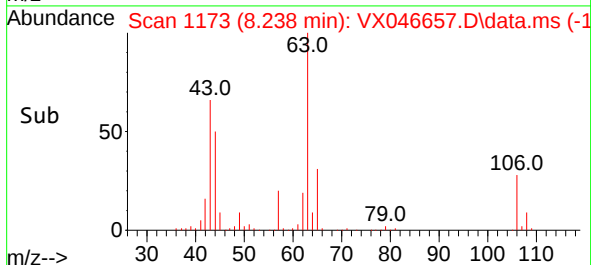
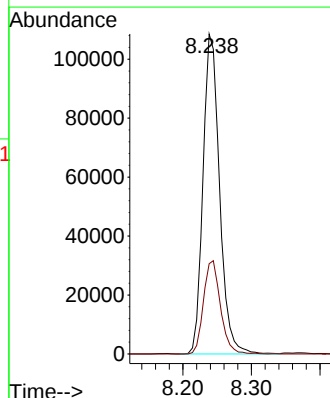
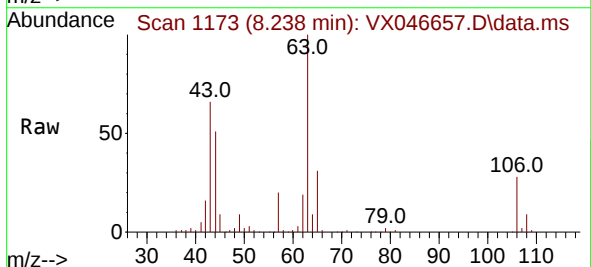
Acq: 12 Jun 2025 10:11

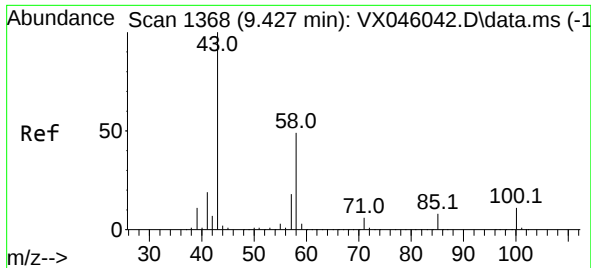
Tgt Ion: 63 Resp: 182816

Ion Ratio Lower Upper

63 100

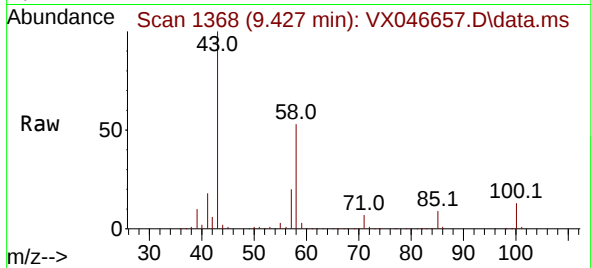
106 29.9 21.5 32.3





#59
2-Hexanone
Concen: 235.732 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

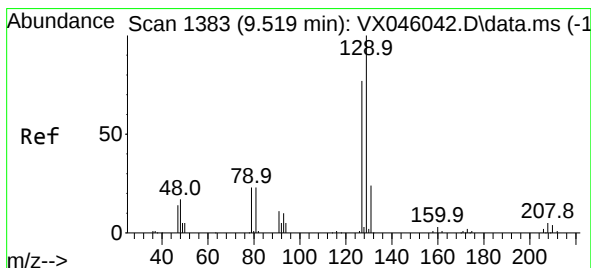
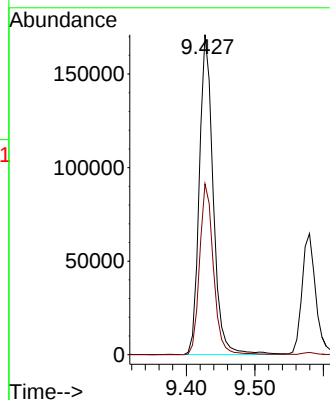
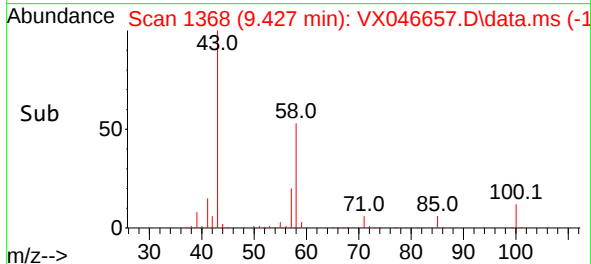
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24080
Ion Ratio Lower Upper
43 100
58 53.5 24.9 74.6

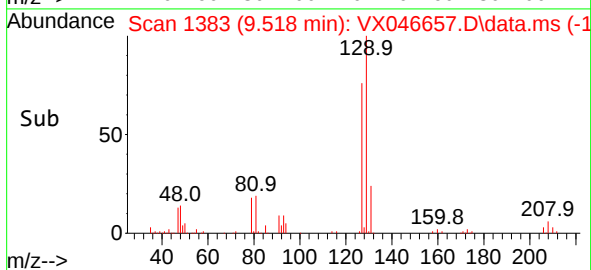
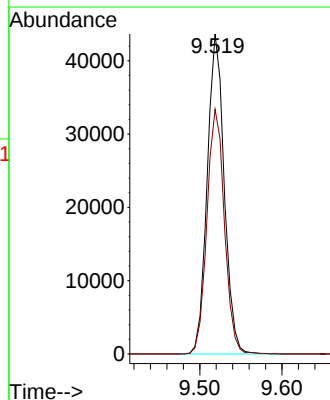
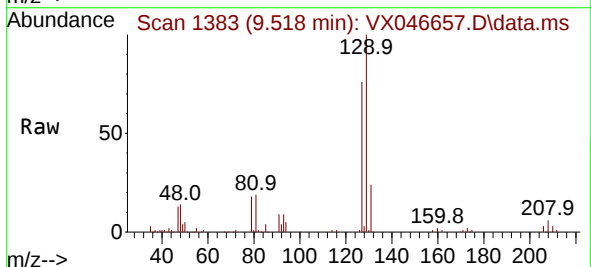
Manual Integrations
APPROVED

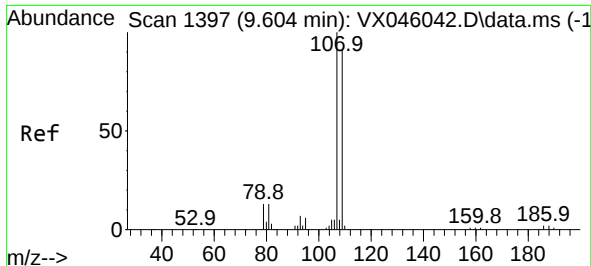
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#60
Dibromochloromethane
Concen: 58.299 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

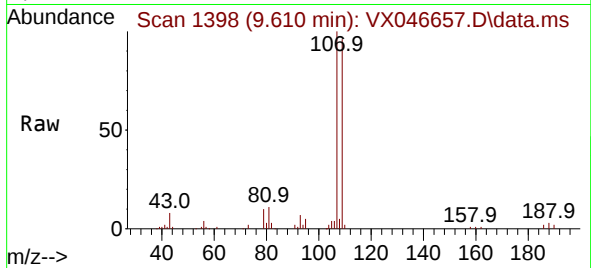
Tgt Ion:129 Resp: 62722
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.8





#61
1,2-Dibromoethane
Concen: 54.621 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

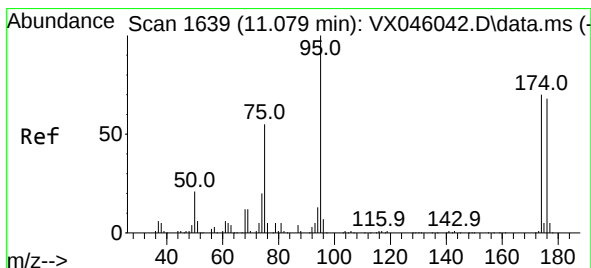
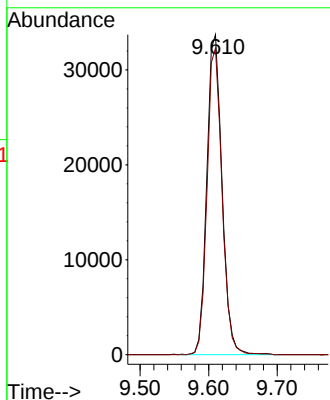
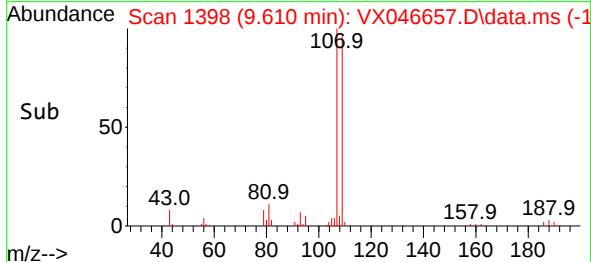
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



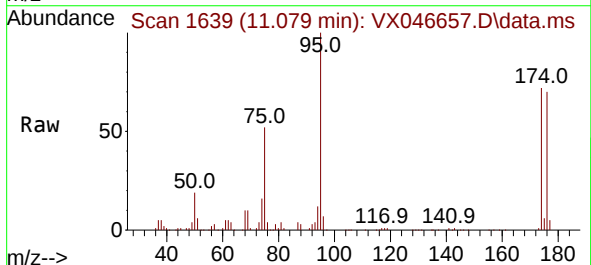
Tgt Ion:107 Resp: 52060
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

Manual Integrations
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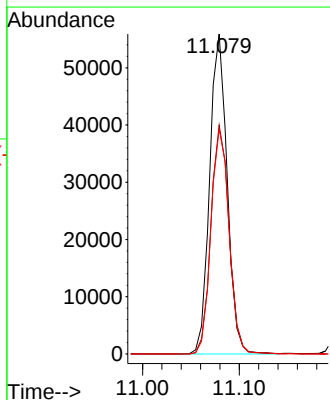
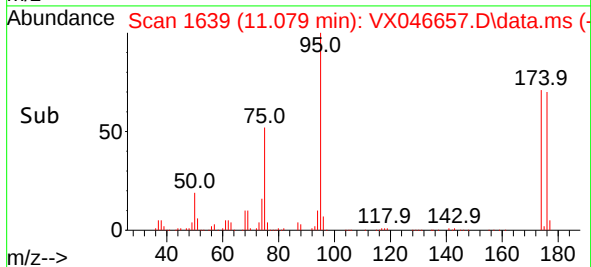
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

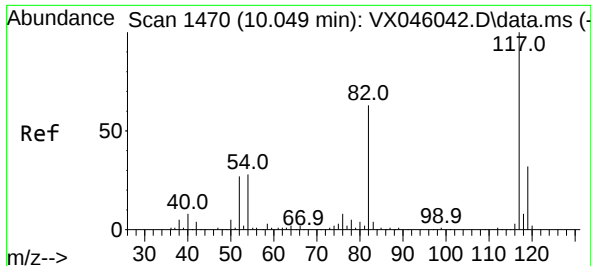


#62
4-Bromofluorobenzene
Concen: 55.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



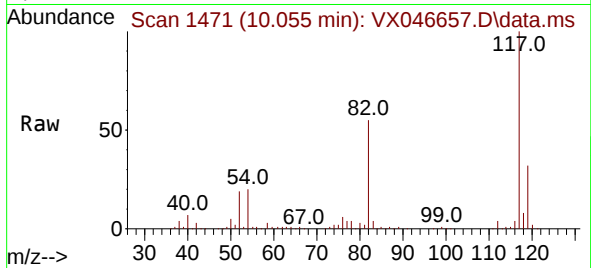
Tgt Ion: 95 Resp: 70345
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.8
176 72.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

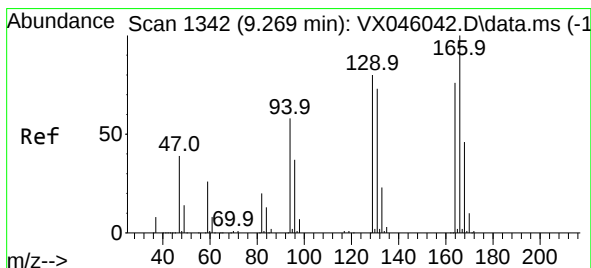
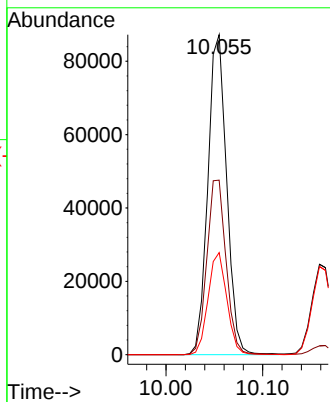
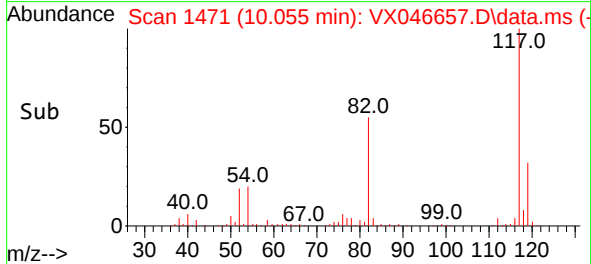
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 11810
Ion Ratio Lower Upper
117 100
82 54.6 50.6 76.0
119 31.9 25.8 38.6

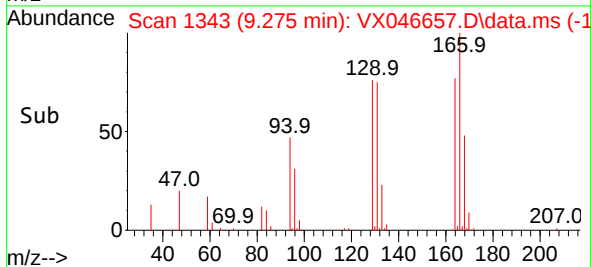
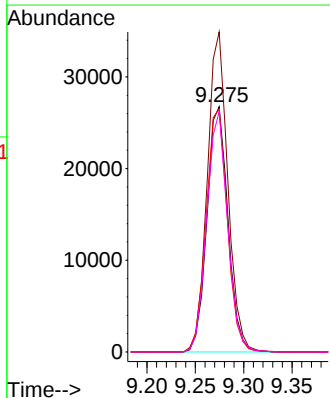
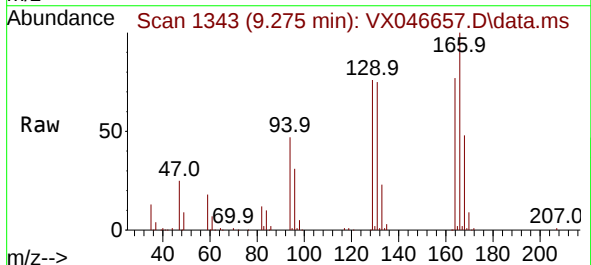
Manual Integrations
APPROVED

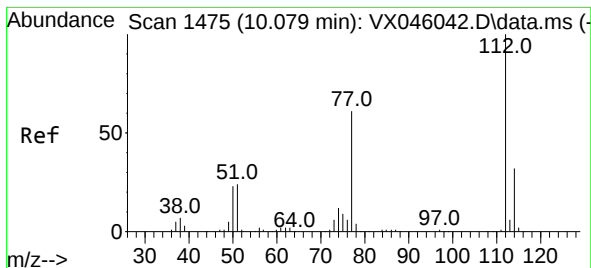
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#64
Tetrachloroethene
Concen: 51.184 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

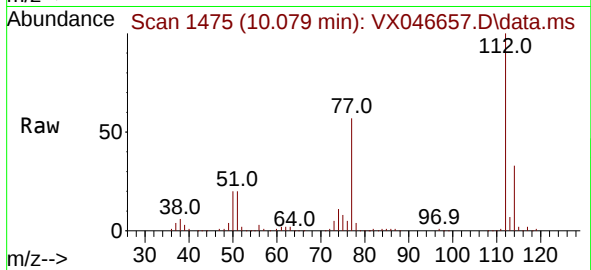
Tgt Ion:164 Resp: 40422
Ion Ratio Lower Upper
164 100
166 130.5 105.0 157.6
129 99.1 83.5 125.3
131 98.0 76.5 114.7





#65
Chlorobenzene
Concen: 51.968 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

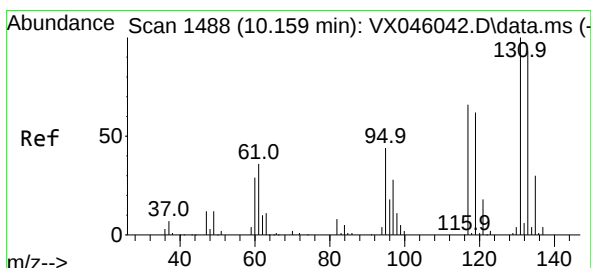
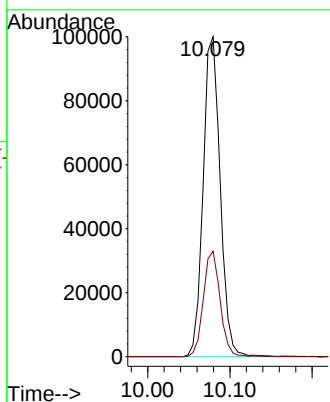
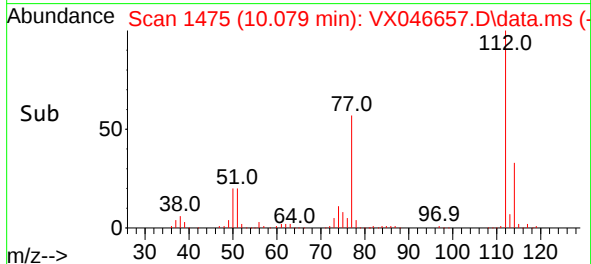
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 14434
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

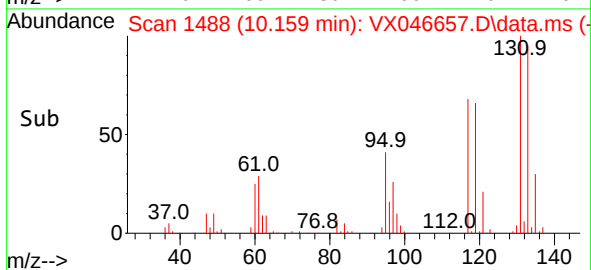
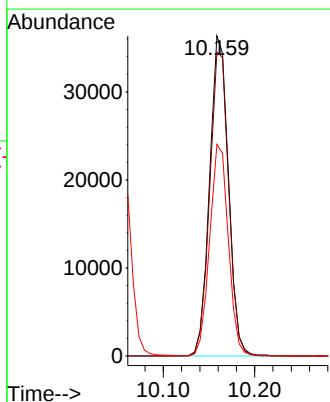
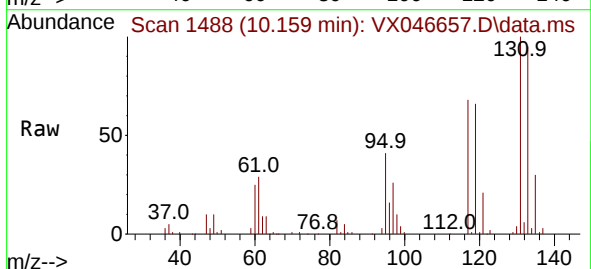
Manual Integrations
APPROVED

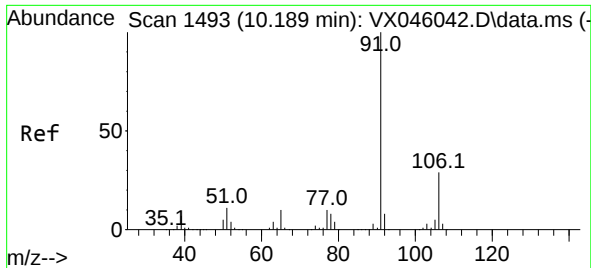
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.422 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

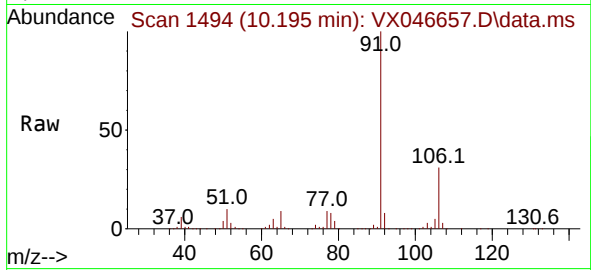
Tgt Ion:131 Resp: 52019
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 65.3 31.6 95.0





#67
Ethyl Benzene
Concen: 50.760 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

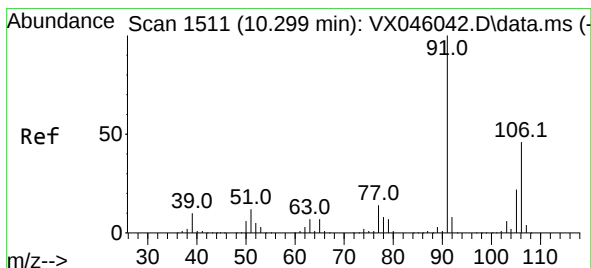
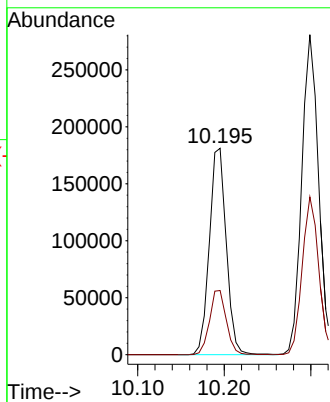
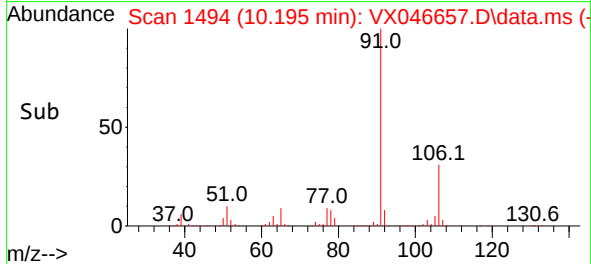
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 246134
Ion Ratio Lower Upper
91 100
106 31.1 23.4 35.2

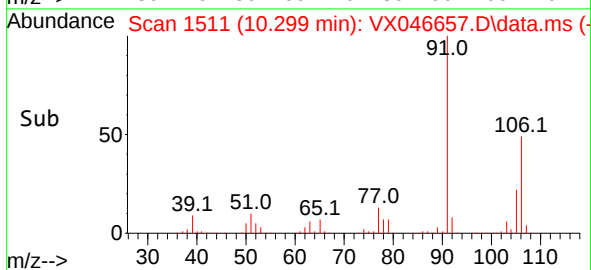
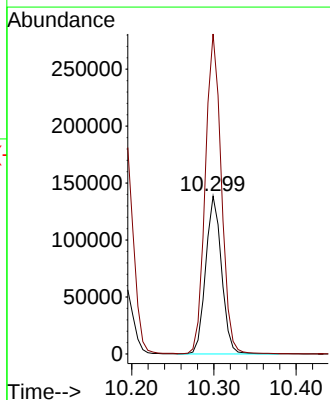
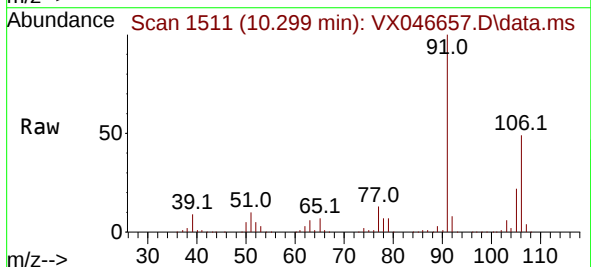
Manual Integrations
APPROVED

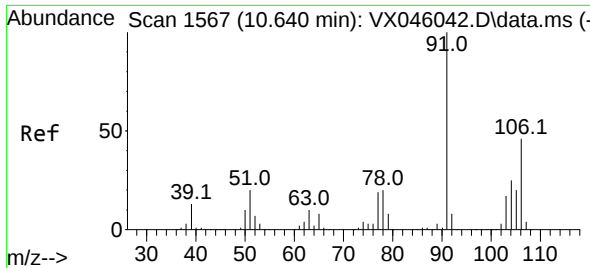
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#68
m/p-Xylenes
Concen: 105.170 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion:106 Resp: 184992
Ion Ratio Lower Upper
106 100
91 206.1 171.2 256.8





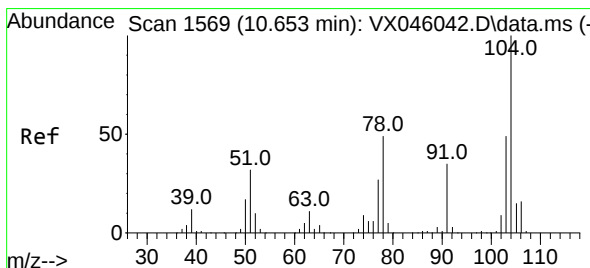
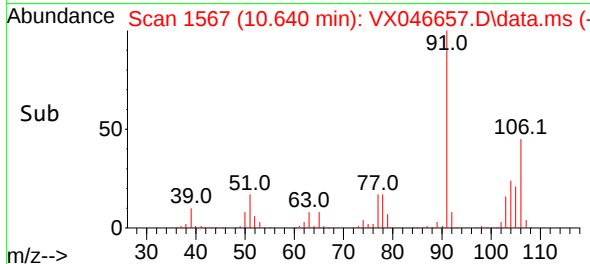
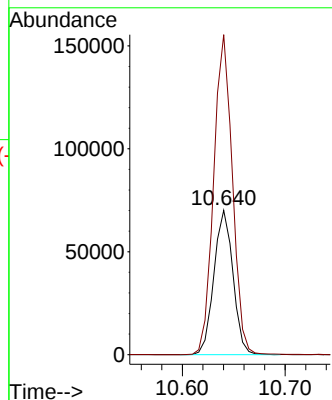
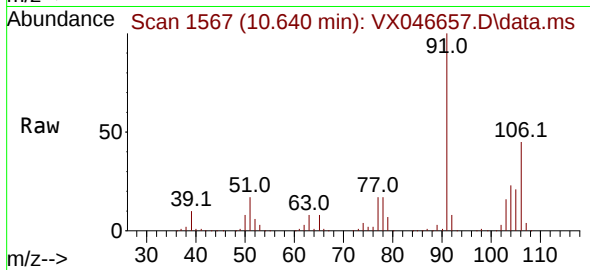
#69
o-Xylene
Concen: 53.091 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9032
Ion Ratio Lower Upper
106 100
91 218.6 112.7 338.1

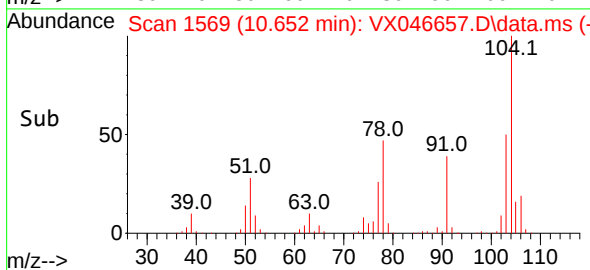
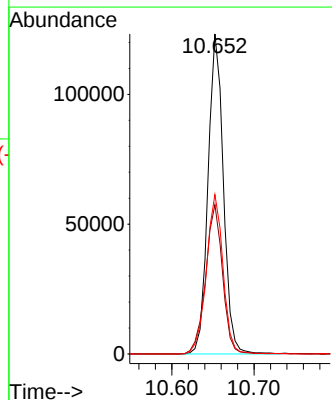
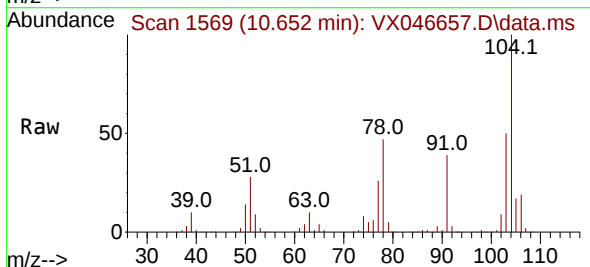
Manual Integrations
APPROVED

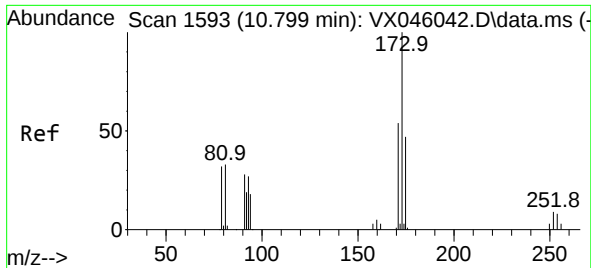
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
Styrene
Concen: 55.006 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

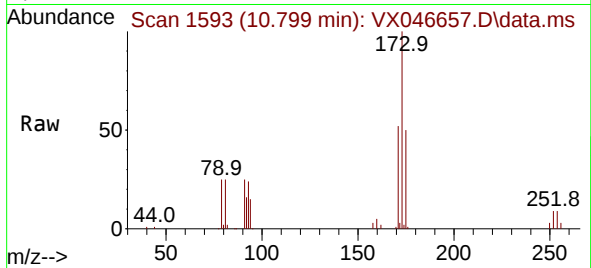
Tgt Ion:104 Resp: 160199
Ion Ratio Lower Upper
104 100
78 51.4 45.7 68.5
103 54.2 43.7 65.5





#71
Bromoform
Concen: 57.113 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

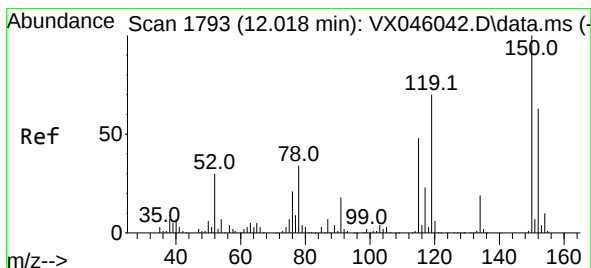
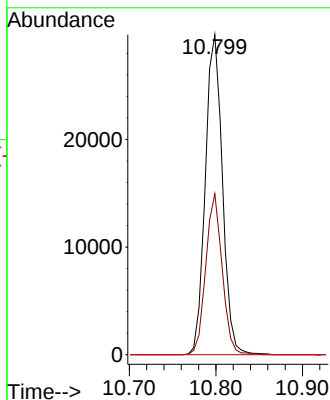
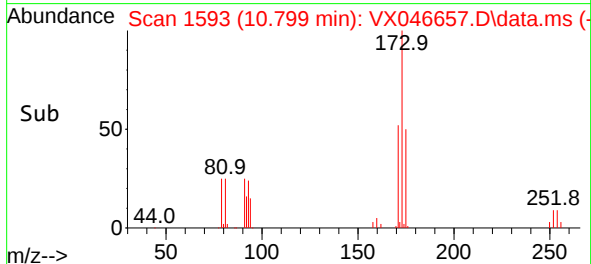
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 40874
Ion Ratio Lower Upper
173 100
175 48.2 23.4 70.0
254 0.0 0.0 0.0

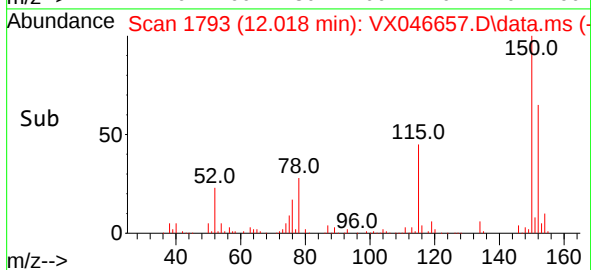
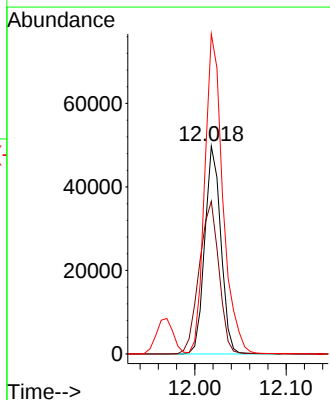
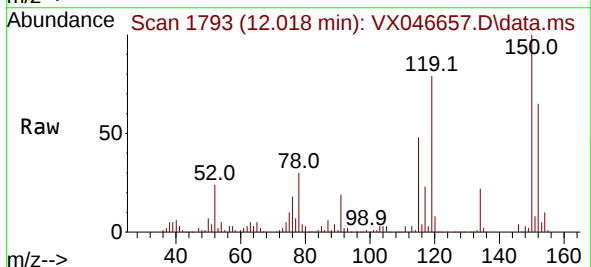
Manual Integrations
APPROVED

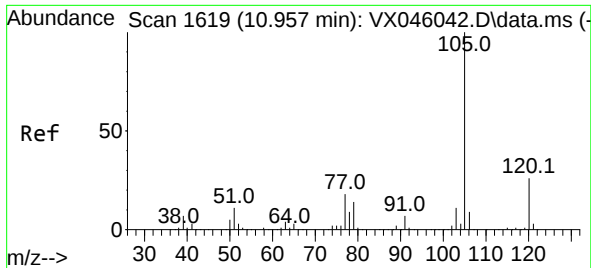
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

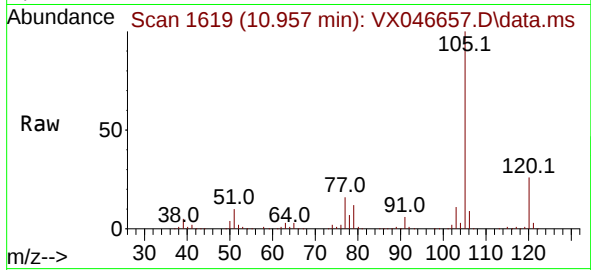
Tgt Ion:152 Resp: 60636
Ion Ratio Lower Upper
152 100
115 90.0 46.9 140.7
150 173.0 0.0 351.0





#73
Isopropylbenzene
Concen: 51.704 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

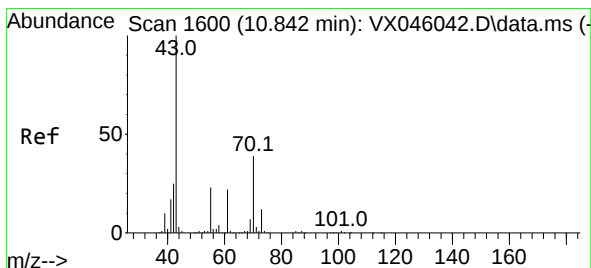
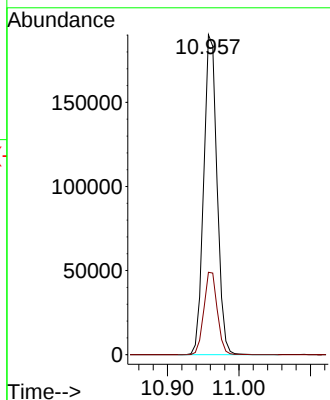
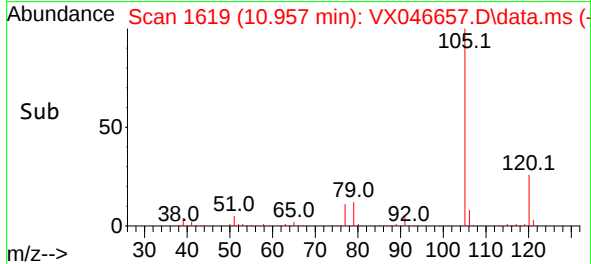
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 246450
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

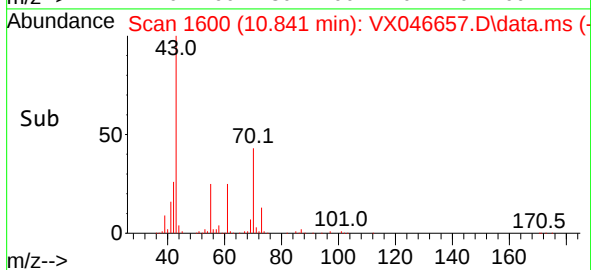
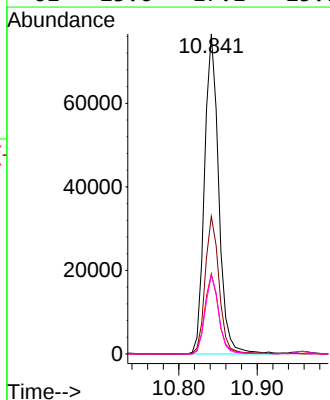
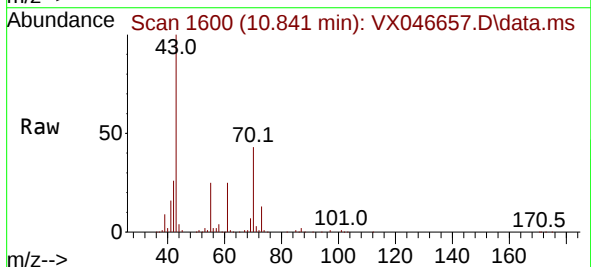
Manual Integrations
APPROVED

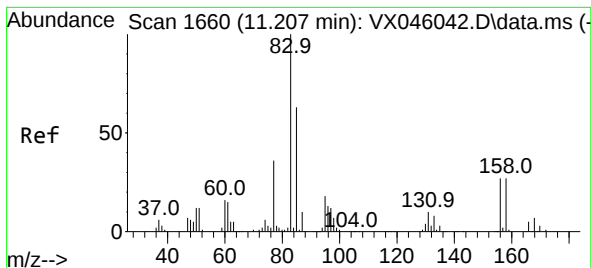
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#74
N-ethyl acetate
Concen: 45.978 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Tgt Ion: 43 Resp: 96513
Ion Ratio Lower Upper
43 100
70 42.1 30.9 46.3
55 24.6 18.7 28.1
61 23.6 17.1 25.7





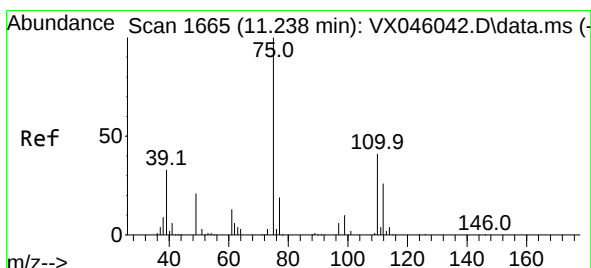
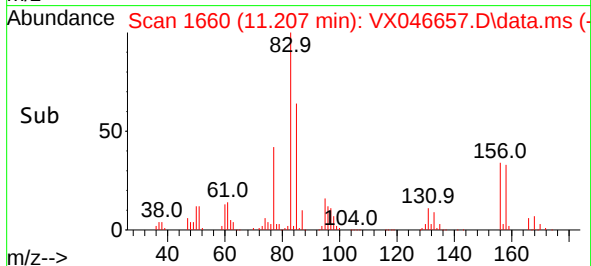
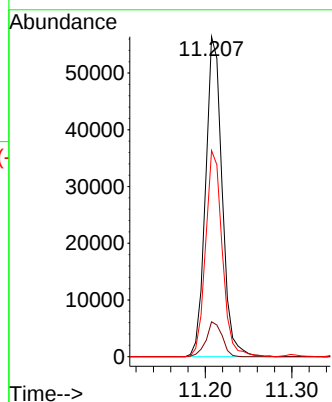
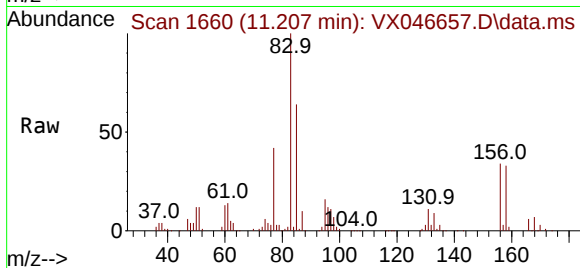
#75
1,1,2,2-Tetrachloroethane
Concen: 48.967 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 74710
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.8 31.9 95.7

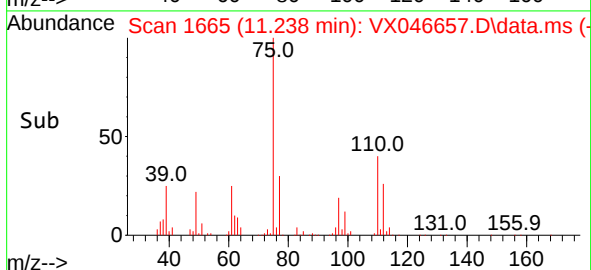
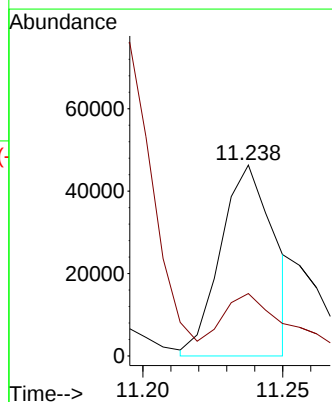
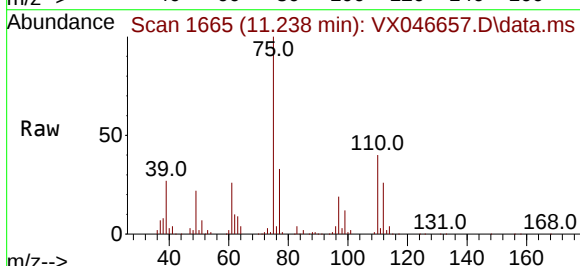
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#76
1,2,3-Trichloropropane
Concen: 47.929 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

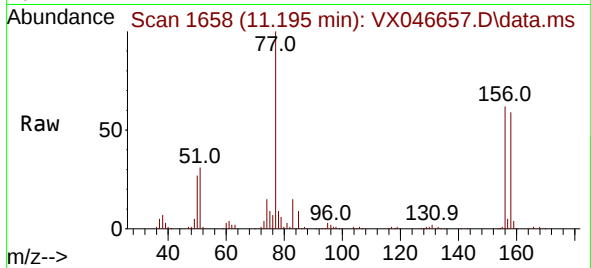
Tgt Ion: 75 Resp: 61557
Ion Ratio Lower Upper
75 100
77 41.5 20.5 61.5





#77
Bromobenzene
Concen: 53.732 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

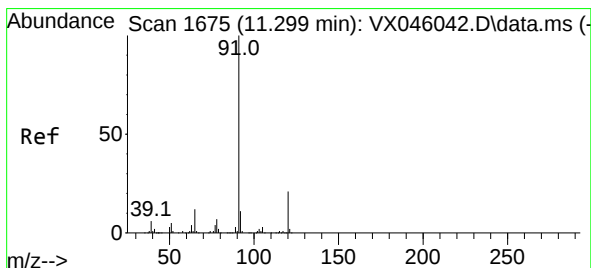
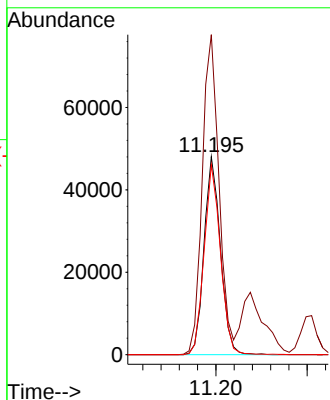
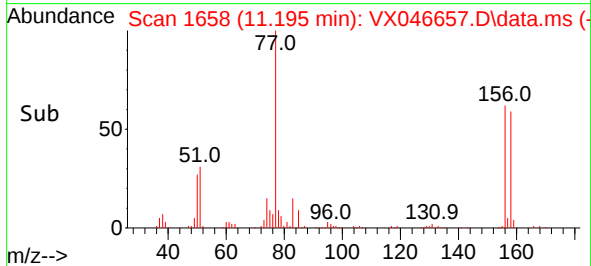
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



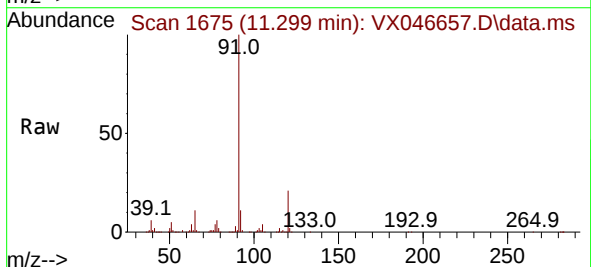
Tgt Ion:156 Resp: 5944
Ion Ratio Lower Upper
156 100
77 165.6 92.8 278.3
158 95.9 48.8 146.3

Manual Integrations
APPROVED

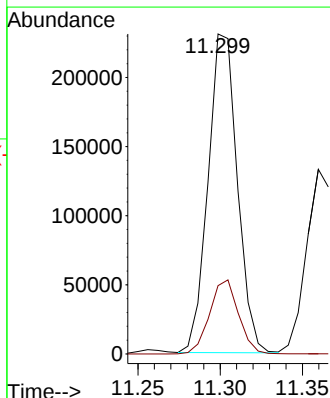
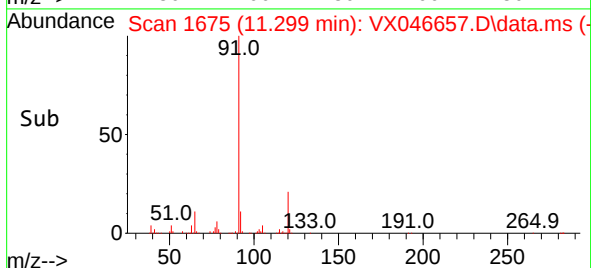
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

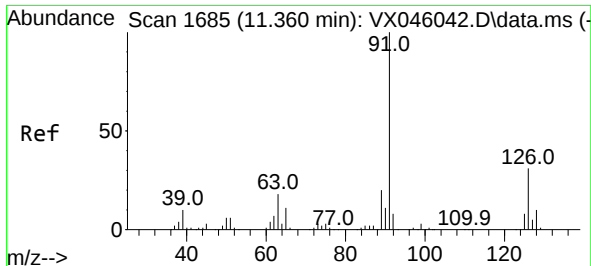


#78
n-propylbenzene
Concen: 49.576 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



Tgt Ion: 91 Resp: 286022
Ion Ratio Lower Upper
91 100
120 23.0 10.8 32.4





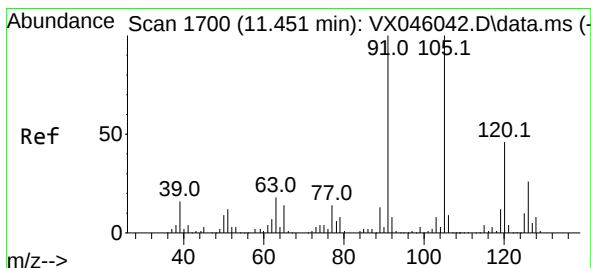
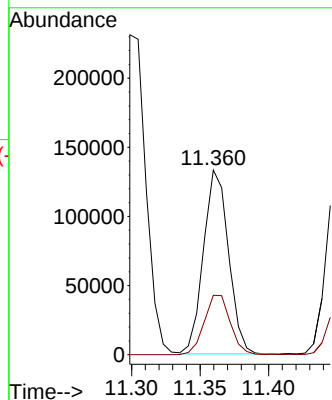
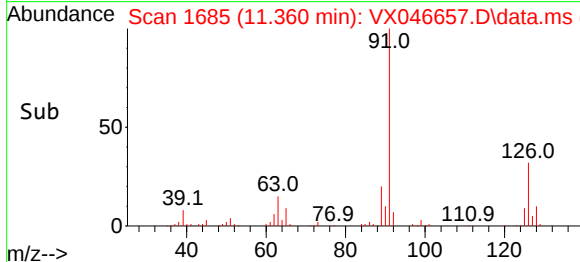
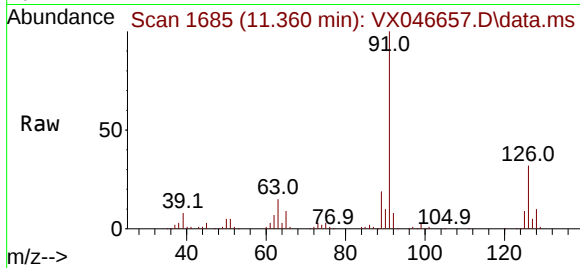
#79
2-Chlorotoluene
Concen: 48.694 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 169410
Ion Ratio Lower Upper
91 100
126 33.6 15.6 46.7

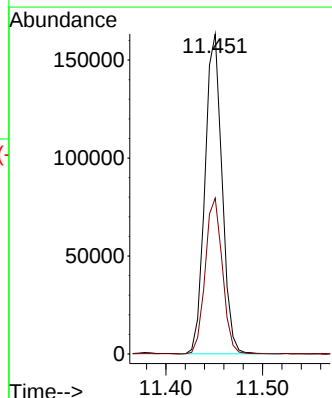
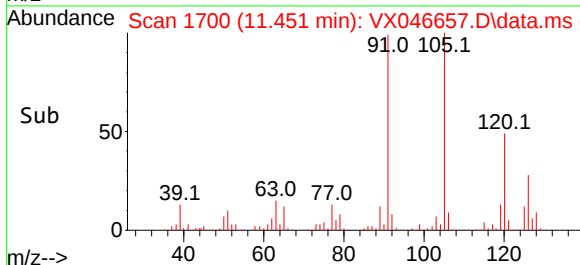
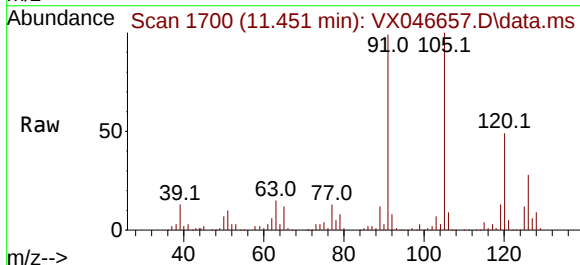
Manual Integrations
APPROVED

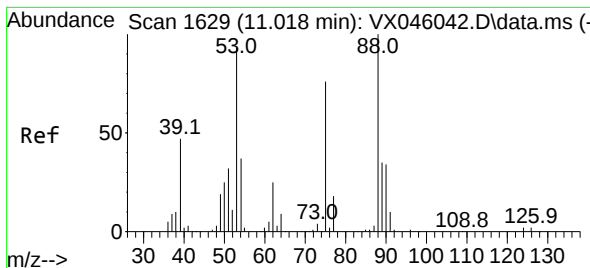
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.550 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

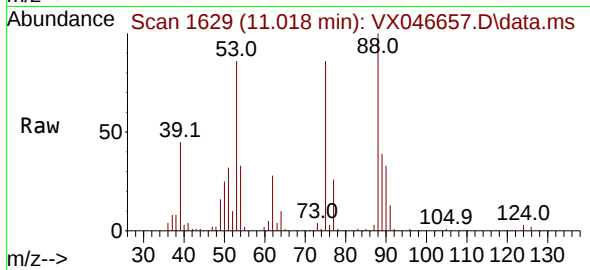
Tgt Ion:105 Resp: 200783
Ion Ratio Lower Upper
105 100
120 49.1 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.617 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

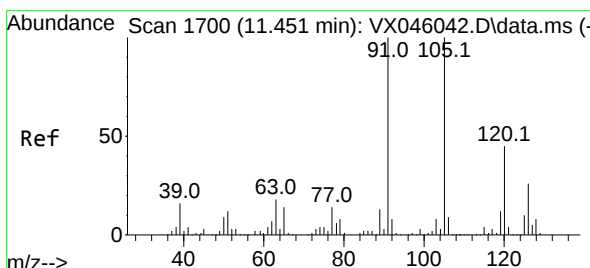
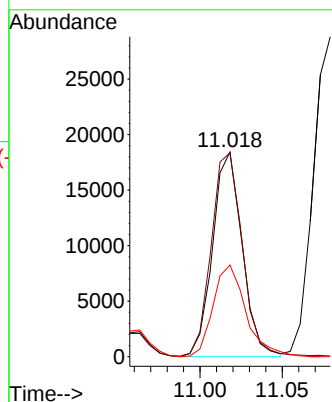
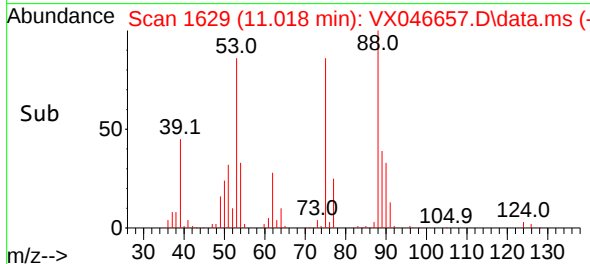
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



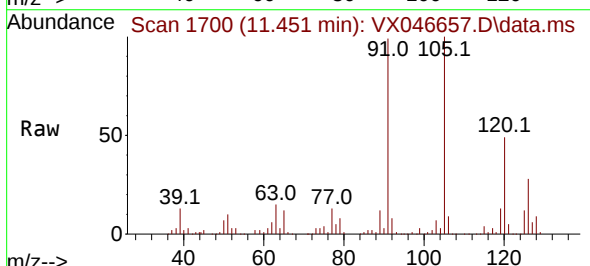
Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
53 105.5 100.5 150.7
89 49.8 37.0 55.6

Manual Integrations
APPROVED

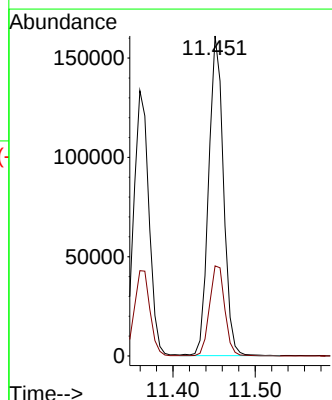
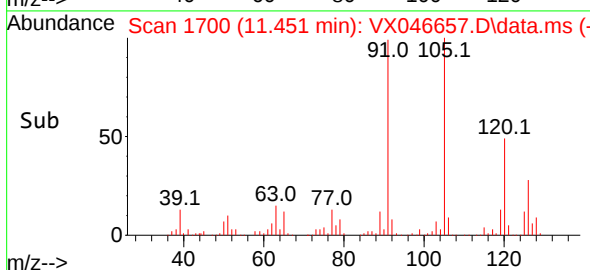
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

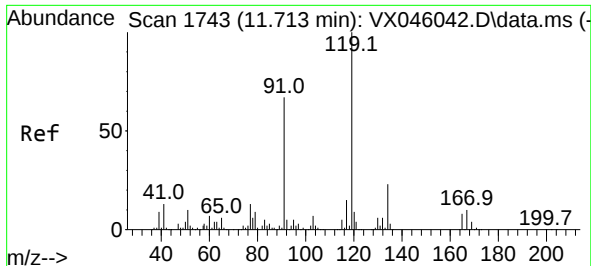


#82
4-Chlorotoluene
Concen: 48.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



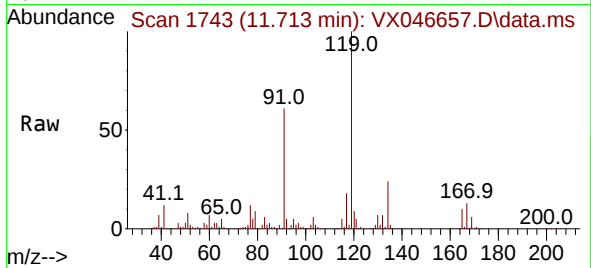
Tgt Ion: 91 Resp: 200979
Ion Ratio Lower Upper
91 100
126 29.1 13.3 39.8





#83
tert-Butylbenzene
Concen: 52.499 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

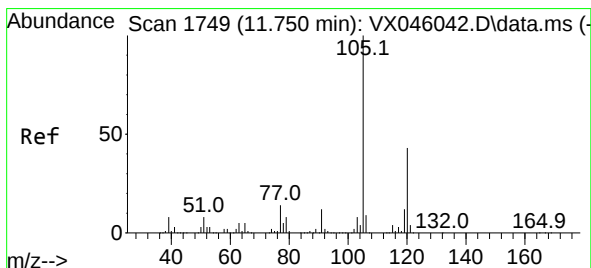
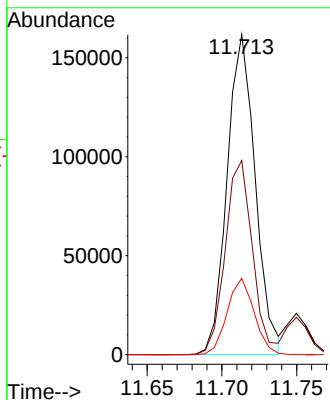
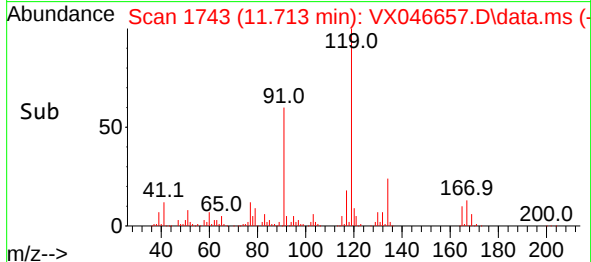
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



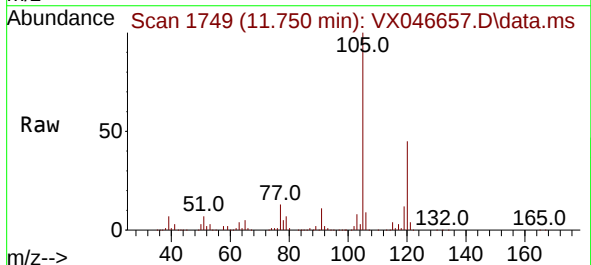
Tgt Ion:119 Resp: 212278
Ion Ratio Lower Upper
119 100
91 58.8 32.9 98.7
134 22.8 11.4 34.1

Manual Integrations
APPROVED

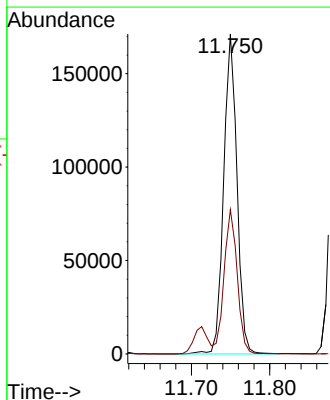
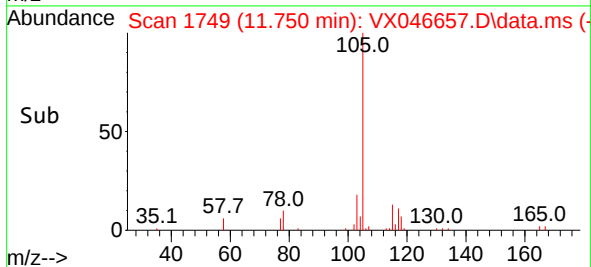
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

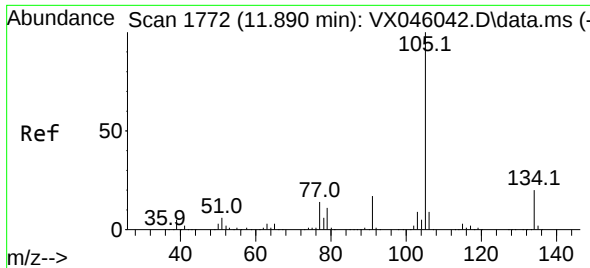


#84
1,2,4-Trimethylbenzene
Concen: 50.441 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



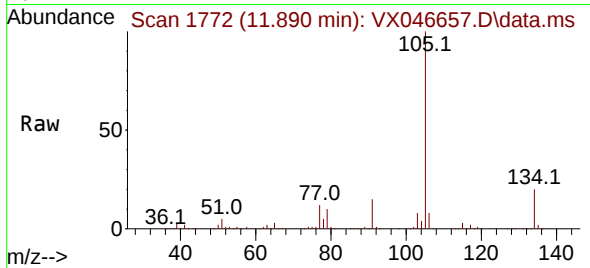
Tgt Ion:105 Resp: 202682
Ion Ratio Lower Upper
105 100
120 45.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.245 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11

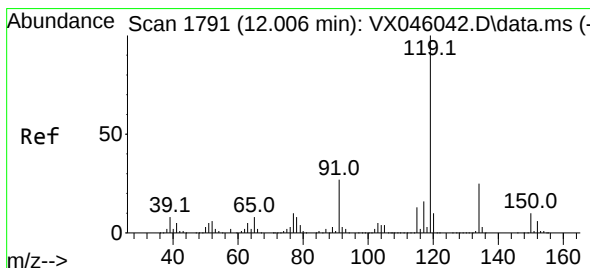
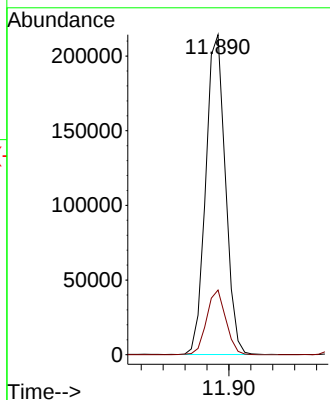
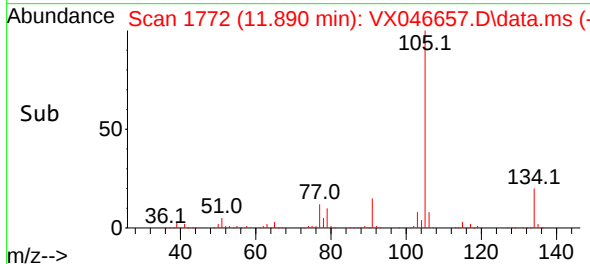
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



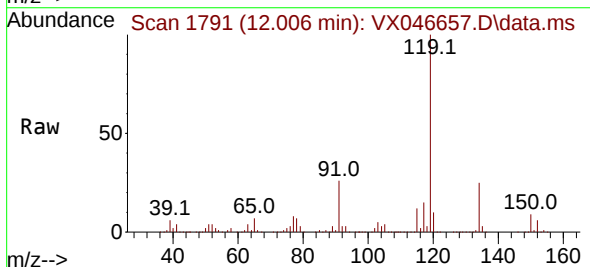
Tgt Ion:105 Resp: 266244
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
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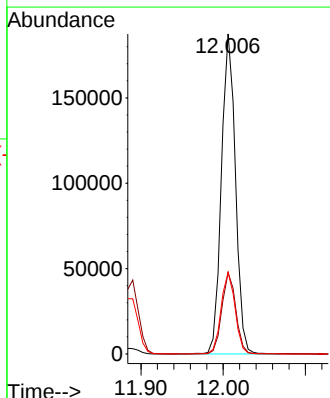
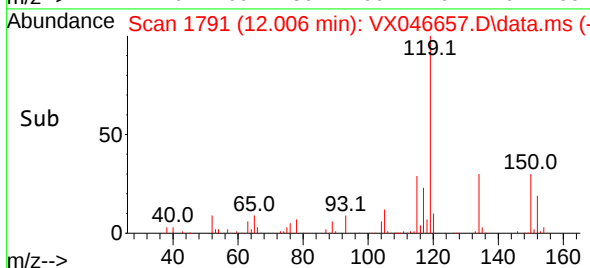
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#86
 p-Isopropyltoluene
 Concen: 51.432 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046657.D
 Acq: 12 Jun 2025 10:11



Tgt Ion:119 Resp: 222767
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 25.4 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 51.930 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11156

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

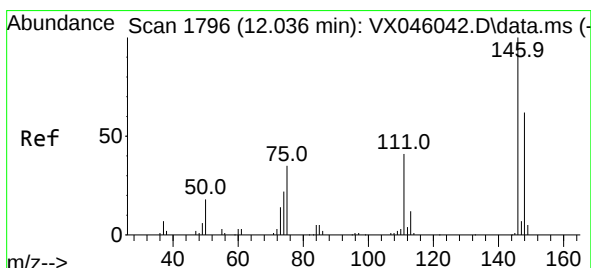
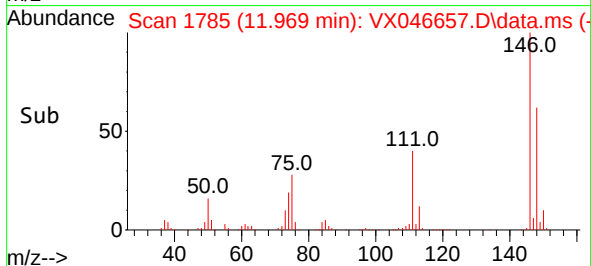
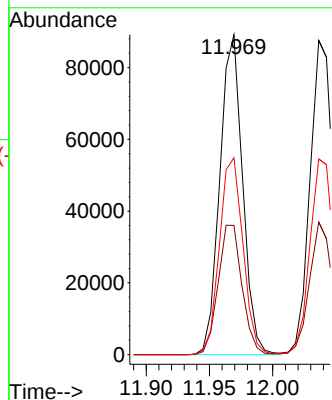
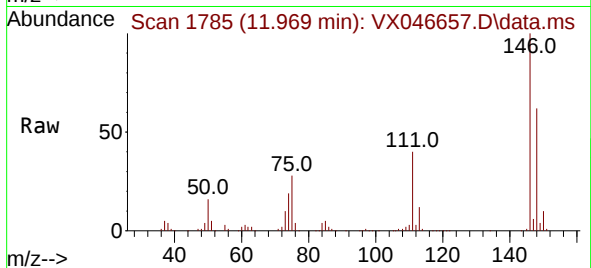
148 63.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#88

1,4-Dichlorobenzene

Concen: 50.254 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

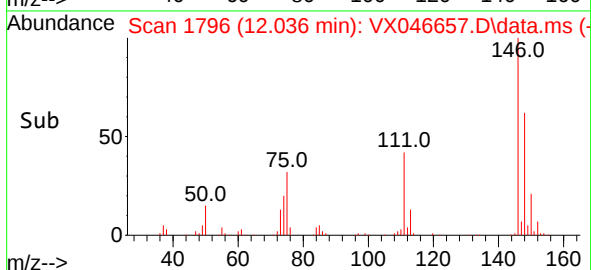
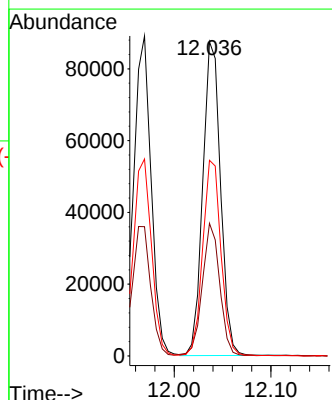
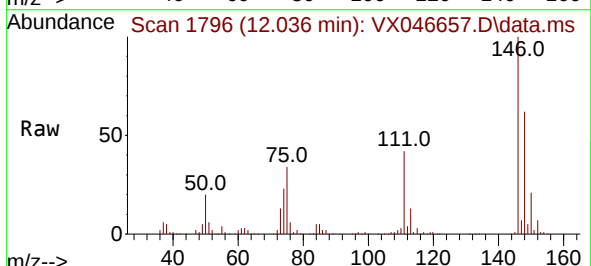
Tgt Ion:146 Resp: 111874

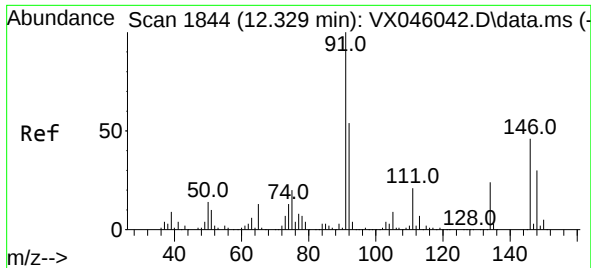
Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.9

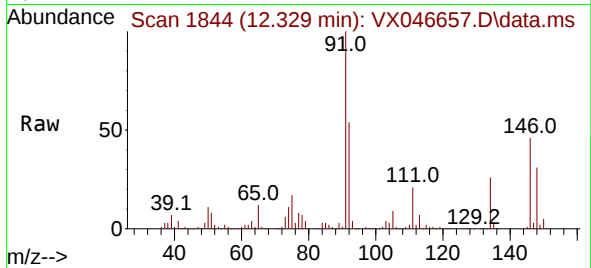
148 64.5 31.9 95.5





#89
n-Butylbenzene
Concen: 49.127 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

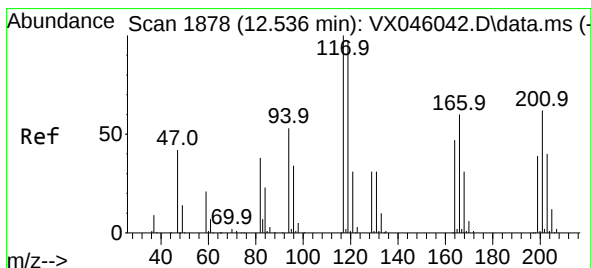
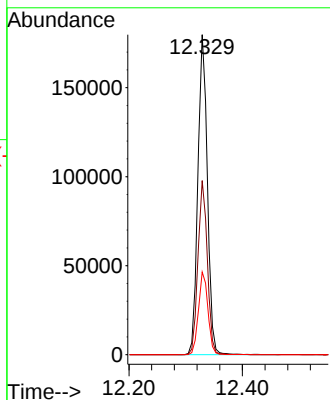
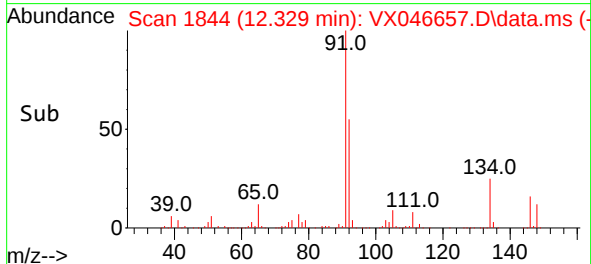
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 208960
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.7 11.8 35.3

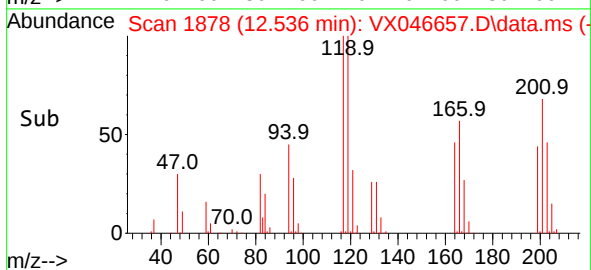
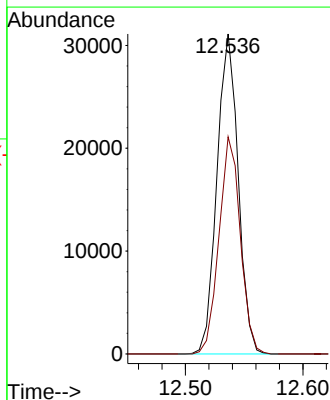
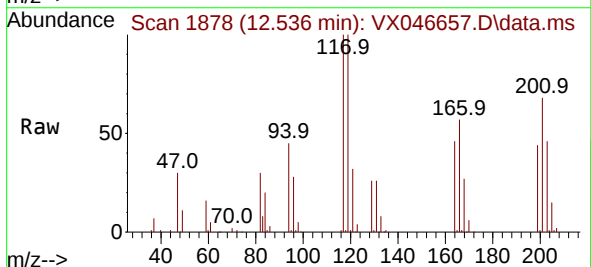
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#90
Hexachloroethane
Concen: 50.726 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

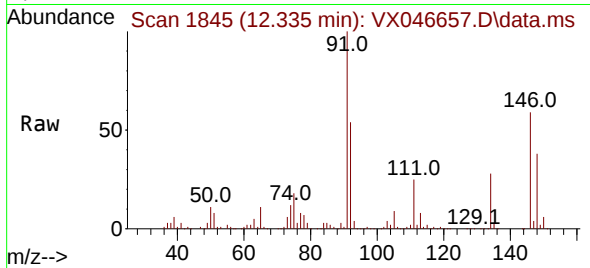
Tgt Ion:117 Resp: 39050
Ion Ratio Lower Upper
117 100
201 68.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 52.528 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

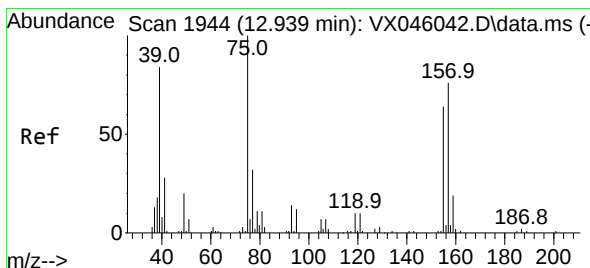
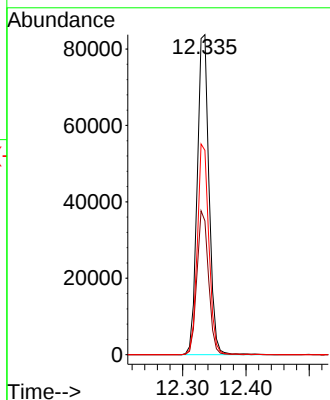
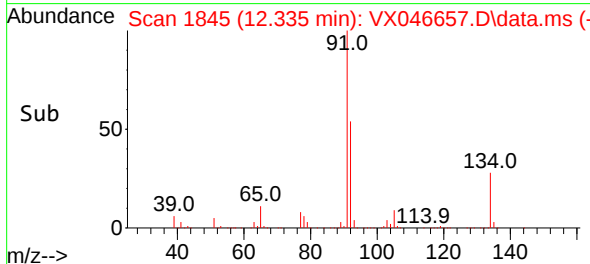
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



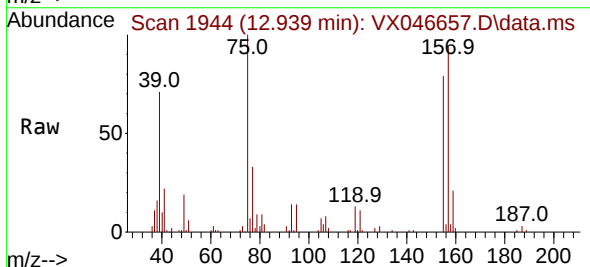
Tgt Ion:146 Resp: 10893
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.3
148 64.4 31.6 94.8

Manual Integrations
APPROVED

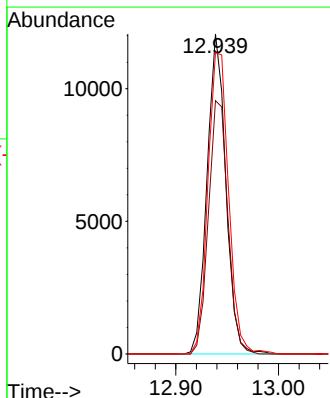
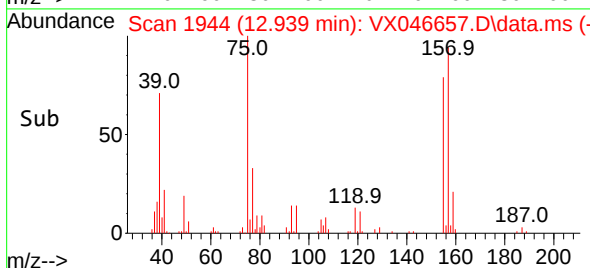
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.981 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



Tgt Ion: 75 Resp: 15368
Ion Ratio Lower Upper
75 100
155 81.7 34.9 104.8
157 103.6 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 52.400 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

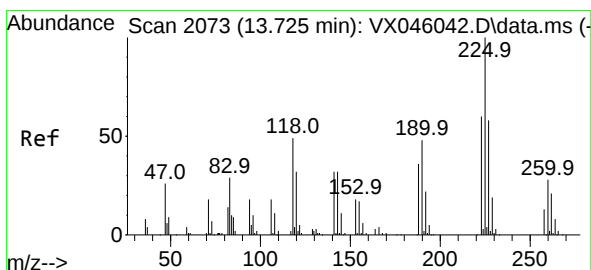
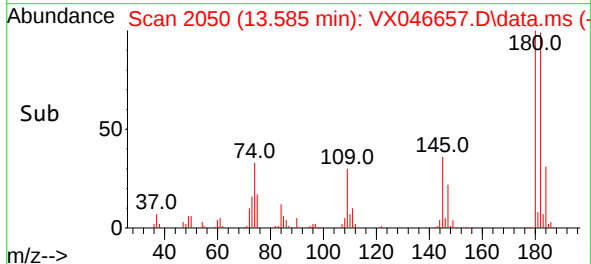
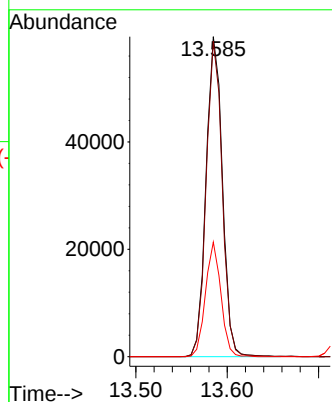
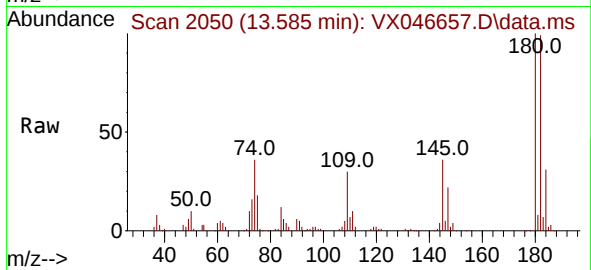
Tgt Ion:180	Resp:	74128
Ion Ratio	Lower	Upper
180	100	
182	96.4	47.9 143.8
145	33.7	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#94

Hexachlorobutadiene

Concen: 48.574 ug/l

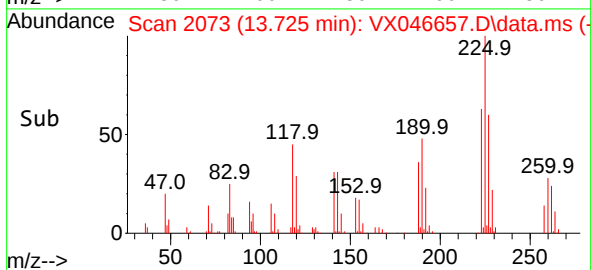
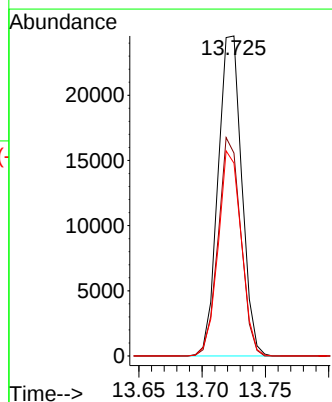
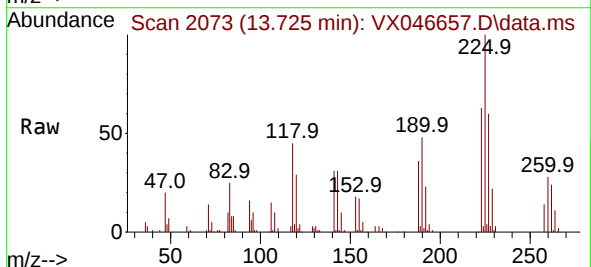
RT: 13.725 min Scan# 2073

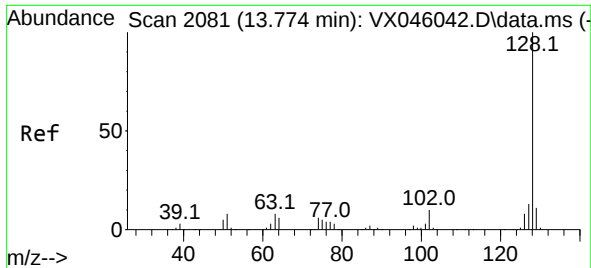
Delta R.T. 0.000 min

Lab File: VX046657.D

Acq: 12 Jun 2025 10:11

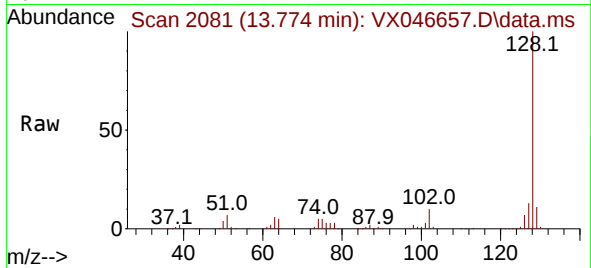
Tgt Ion:225	Resp:	31934
Ion Ratio	Lower	Upper
225	100	
223	65.1	30.8 92.4
227	62.6	30.9 92.7





#95
Naphthalene
Concen: 51.726 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11

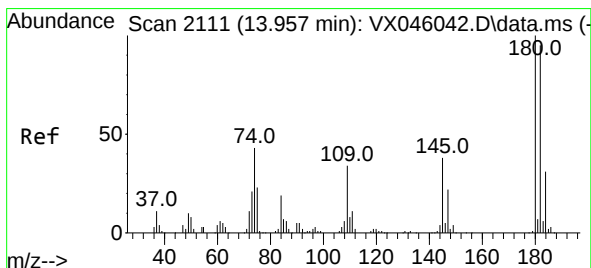
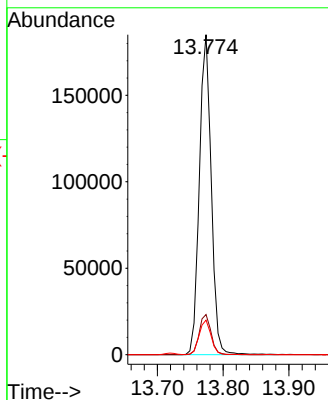
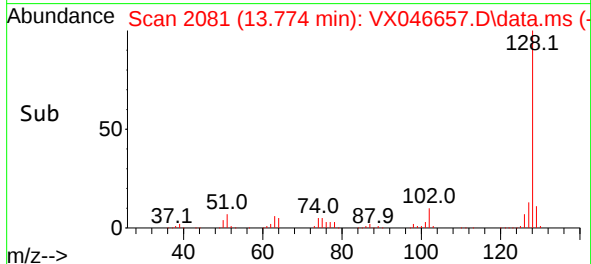
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



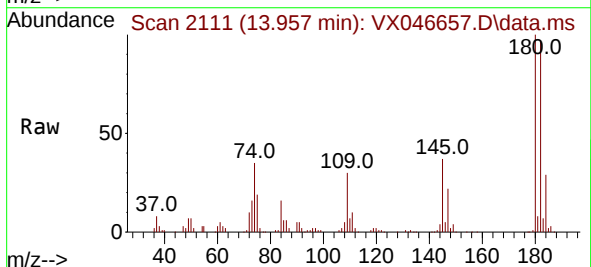
Tgt Ion:128 Resp: 23205
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.724 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046657.D
Acq: 12 Jun 2025 10:11



Tgt Ion:180 Resp: 73372
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 35.5 18.1 54.3

