

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047190.D
 Acq On : 31 Jul 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2025
 Supervised By : Mahesh Dadoda 08/01/2025

Quant Time: Aug 01 01:45:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	387956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	183644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156075	48.732	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.460%		
35) Dibromofluoromethane	5.385	113	134069	49.114	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.220%		
50) Toluene-d8	8.647	98	388188	43.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.820%#		
62) 4-Bromofluorobenzene	11.079	95	178524	46.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	166087	48.635	ug/l	99
3) Chloromethane	1.313	50	144841	42.877	ug/l	98
4) Vinyl Chloride	1.392	62	177081	48.766	ug/l	100
5) Bromomethane	1.630	94	96683	49.015	ug/l	97
6) Chloroethane	1.703	64	103359	43.338	ug/l	99
7) Trichlorofluoromethane	1.904	101	264585	48.864	ug/l	98
8) Diethyl Ether	2.142	74	101913	53.381	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	163004	49.967	ug/l	98
10) Methyl Iodide	2.465	142	233763	70.310	ug/l	98
11) Tert butyl alcohol	2.953	59	100424	269.014	ug/l	98
12) 1,1-Dichloroethene	2.337	96	152672	47.251	ug/l	99
13) Acrolein	2.245	56	143330	207.845	ug/l	100
14) Allyl chloride	2.678	41	272353	46.631	ug/l	96
15) Acrylonitrile	3.075	53	411579	269.454	ug/l	99
16) Acetone	2.386	43	369440	287.948	ug/l	98
17) Carbon Disulfide	2.526	76	394635	42.219	ug/l	99
18) Methyl Acetate	2.709	43	219787	64.462	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	547605	55.688	ug/l	98
20) Methylene Chloride	2.800	84	176137	49.902	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	160457	48.530	ug/l	99
22) Diisopropyl ether	3.764	45	599227	53.364	ug/l	96
23) Vinyl Acetate	3.727	43	2470786	274.334	ug/l	99
24) 1,1-Dichloroethane	3.617	63	312297	50.014	ug/l	99
25) 2-Butanone	4.556	43	511161	273.616	ug/l	100
26) 2,2-Dichloropropane	4.483	77	245382	50.765	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	196873	50.283	ug/l	99
28) Bromochloromethane	4.904	49	148328	51.633	ug/l	99
29) Tetrahydrofuran	5.013	42	314481	260.900	ug/l	99
30) Chloroform	5.099	83	323320	50.867	ug/l	99
31) Cyclohexane	5.477	56	270152	45.121	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	272746	49.403	ug/l	99
36) 1,1-Dichloropropene	5.696	75	211789	45.515	ug/l	99
37) Ethyl Acetate	4.715	43	231842	54.072	ug/l	99
38) Carbon Tetrachloride	5.684	117	234082	47.133	ug/l	100
39) Methylcyclohexane	7.379	83	264931	45.602	ug/l	98
40) Benzene	6.037	78	651898	48.410	ug/l	99

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 Quant Title : SW846 8260
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 Supervised By :Mahesh Dadoda 08/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112449	50.159	ug/l	93
42) 1,2-Dichloroethane	6.086	62	247408	52.157	ug/l	98
43) Isopropyl Acetate	6.336	43	370664	55.453	ug/l	100
44) Trichloroethene	7.123	130	160707	46.539	ug/l	99
45) 1,2-Dichloropropane	7.427	63	167844	49.766	ug/l	94
46) Dibromomethane	7.580	93	123847	52.364	ug/l	99
47) Bromodichloromethane	7.818	83	256214	50.895	ug/l	98
48) Methyl methacrylate	7.690	41	189647	52.081	ug/l	99
49) 1,4-Dioxane	7.720	88	47325	1142.674	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1062130	267.333	ug/l	100
52) Toluene	8.714	92	400154	48.327	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	250212	52.634	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	268192	51.546	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	160740	51.764	ug/l	99
56) Ethyl methacrylate	9.116	69	257195	55.948	ug/l	100
57) 1,3-Dichloropropane	9.305	76	274740	50.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	680723	266.105	ug/l	100
59) 2-Hexanone	9.427	43	729988	278.098	ug/l	100
60) Dibromochloromethane	9.519	129	190388	52.277	ug/l	98
61) 1,2-Dibromoethane	9.604	107	164186	50.567	ug/l	99
64) Tetrachloroethene	9.275	164	129516	46.310	ug/l	97
65) Chlorobenzene	10.079	112	444413	48.898	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	157342	51.420	ug/l	99
67) Ethyl Benzene	10.189	91	775252	48.786	ug/l	99
68) m/p-Xylenes	10.299	106	574636	96.631	ug/l	100
69) o-Xylene	10.640	106	281210	49.708	ug/l	99
70) Styrene	10.653	104	490706	50.585	ug/l	99
71) Bromoform	10.799	173	123462	53.116	ug/l	99
73) Isopropylbenzene	10.957	105	742551	51.252	ug/l	100
74) N-amyl acetate	10.842	43	318332	54.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	226678	54.772	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	187731m	55.229	ug/l	
77) Bromobenzene	11.195	156	179962	51.786	ug/l	100
78) n-propylbenzene	11.299	91	880193	50.839	ug/l	99
79) 2-Chlorotoluene	11.360	91	523970	50.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	614804	51.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57273	43.410	ug/l	99
82) 4-Chlorotoluene	11.451	91	615688	50.967	ug/l	99
83) tert-Butylbenzene	11.713	119	626241	52.127	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	616739	51.658	ug/l	97
85) sec-Butylbenzene	11.890	105	770332	51.318	ug/l	99
86) p-Isopropyltoluene	12.006	119	647182	51.991	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	333902	50.569	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	329565	49.265	ug/l	98
89) n-Butylbenzene	12.329	91	611968	52.423	ug/l	99
90) Hexachloroethane	12.536	117	118148	53.055	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	321192	50.896	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44780	56.369	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	217704	52.213	ug/l	99
94) Hexachlorobutadiene	13.719	225	75718	53.397	ug/l	98
95) Naphthalene	13.774	128	673748	55.120	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	208683	51.952	ug/l	98

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VSTDCCC050

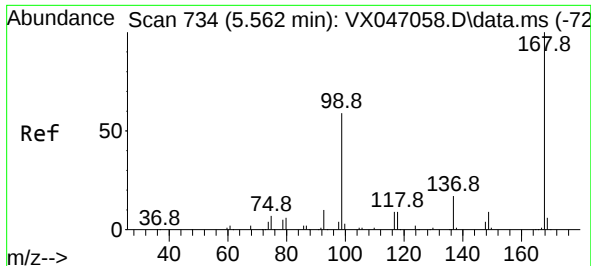
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/01/2025

Quant Time: Aug 01 01:45:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

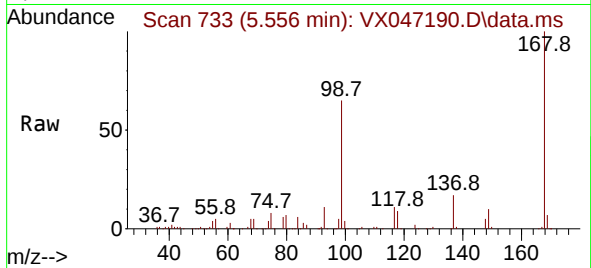
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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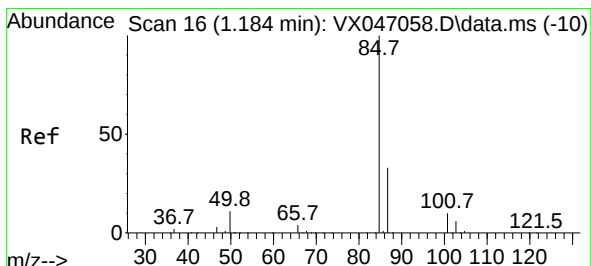
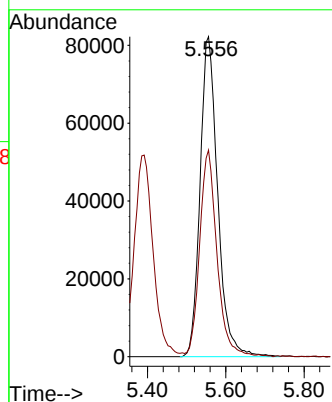
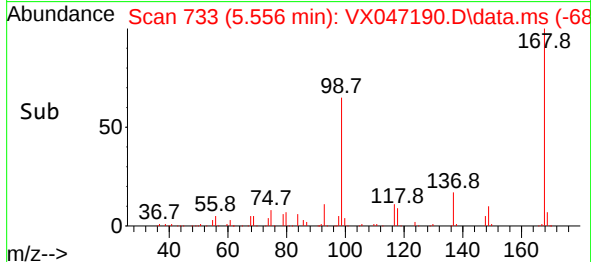
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 257104
Ion Ratio Lower Upper
168 100
99 64.4 48.0 72.0

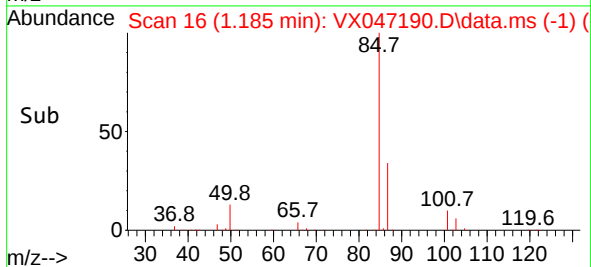
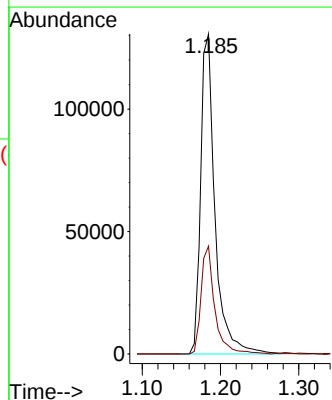
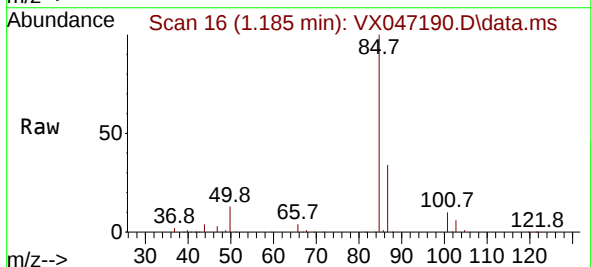
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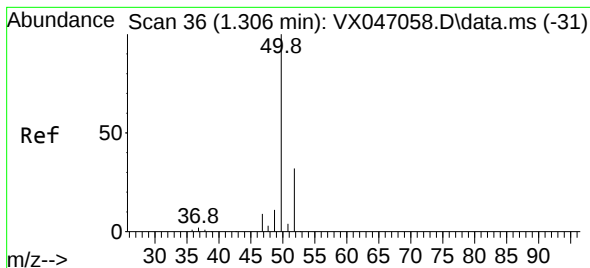
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#2
Dichlorodifluoromethane
Concen: 48.635 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 85 Resp: 166087
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.8





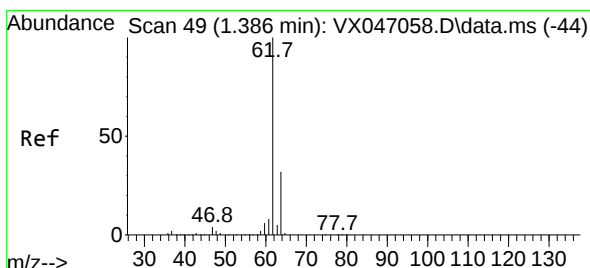
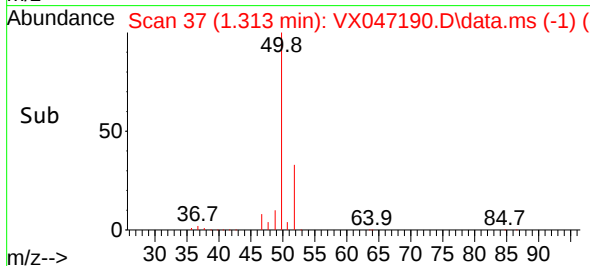
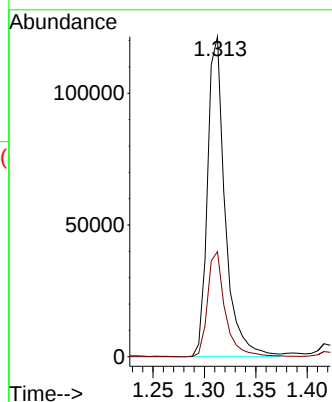
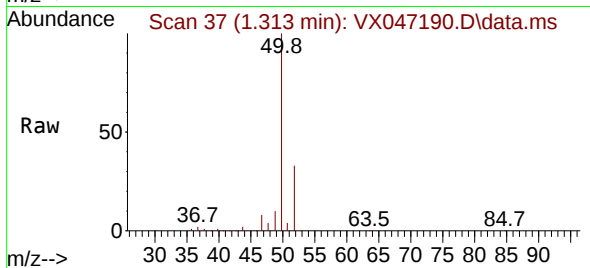
#3
Chloromethane
Concen: 42.877 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 14484
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

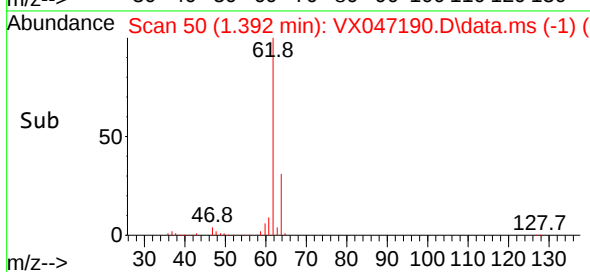
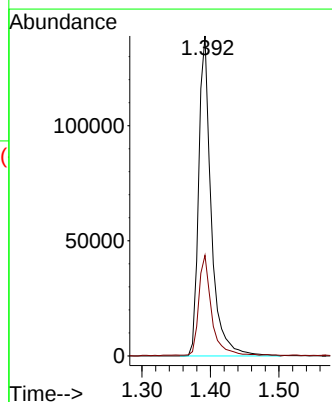
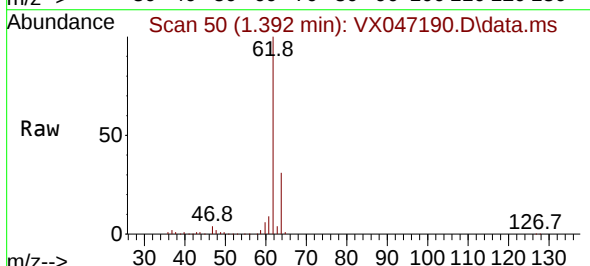
Manual Integrations
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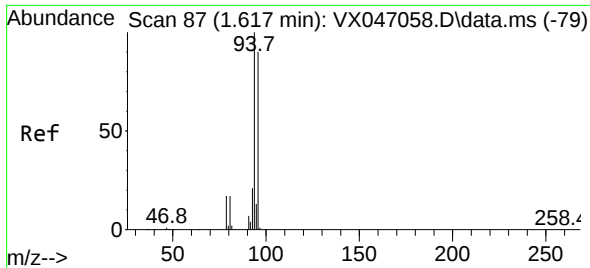
Reviewed By :John Carlone 08/01/2025
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#4
Vinyl Chloride
Concen: 48.766 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

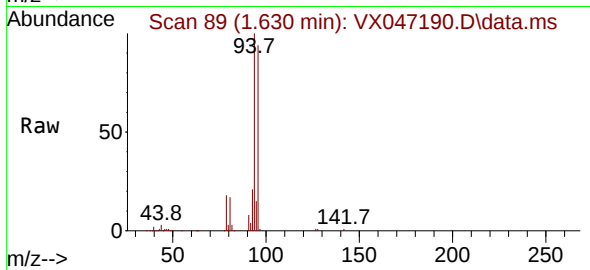
Tgt Ion: 62 Resp: 177081
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5
Bromomethane
Concen: 49.015 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

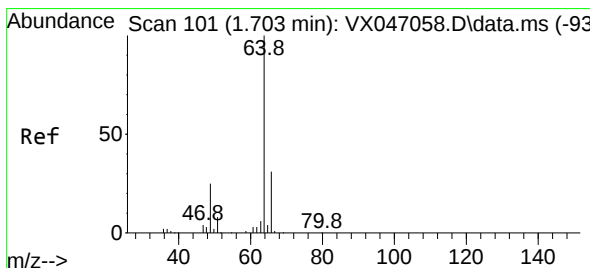
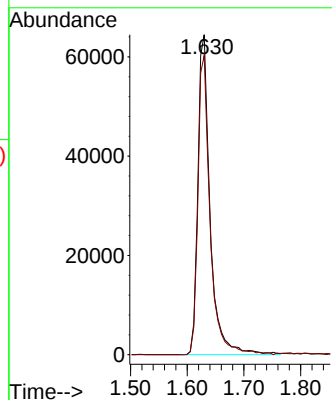
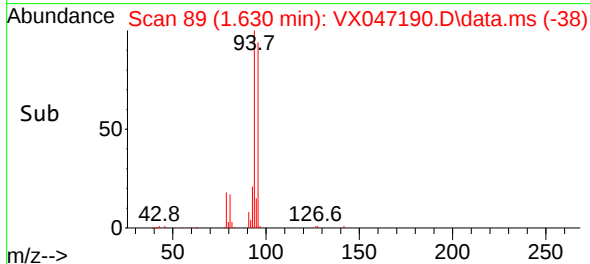
Instrument :
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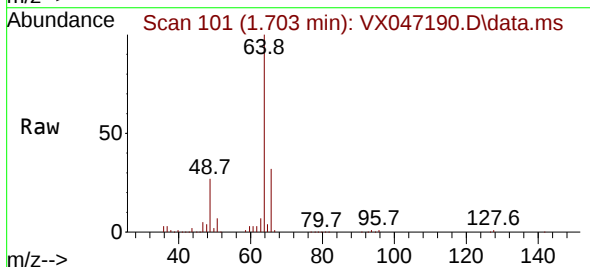
Tgt Ion: 94 Resp: 9668
Ion Ratio Lower Upper
94 100
96 93.5 72.3 108.5

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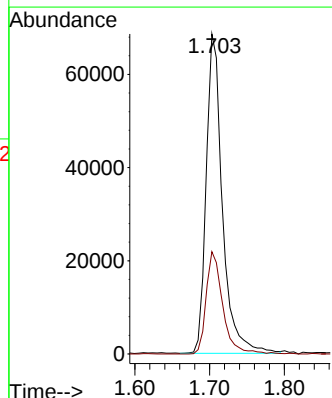
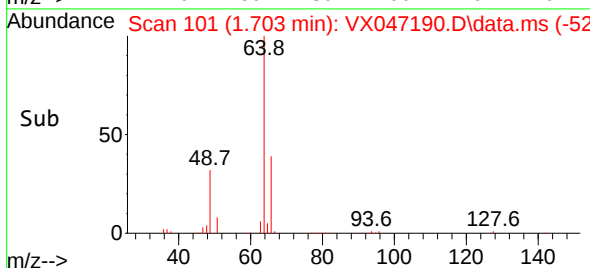
Reviewed By :John Carlone 08/01/2025
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#6
Chloroethane
Concen: 43.338 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047190.D
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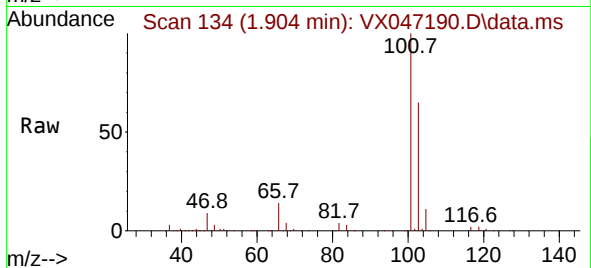
Tgt Ion: 64 Resp: 103359
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 48.864 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047190.D
 Acq: 31 Jul 2025 09:52

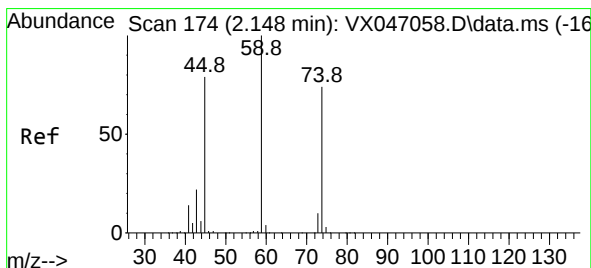
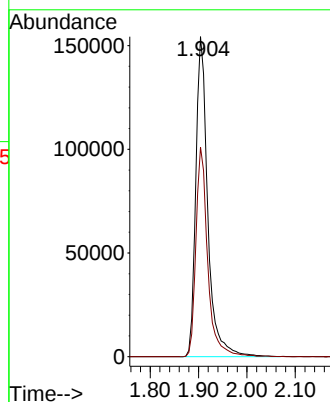
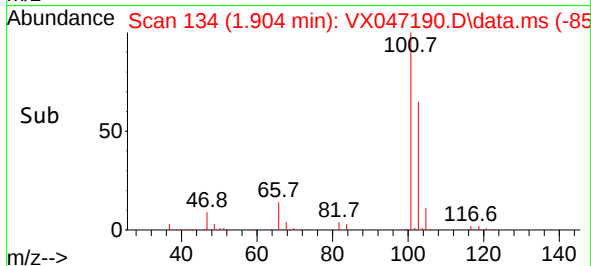
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 26458
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.9 76.3

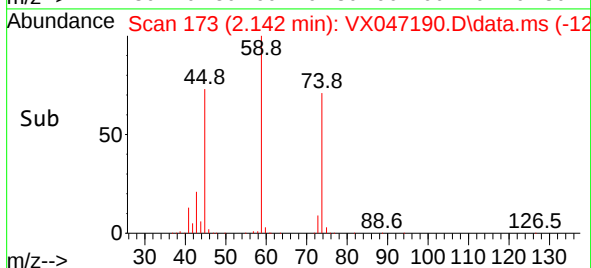
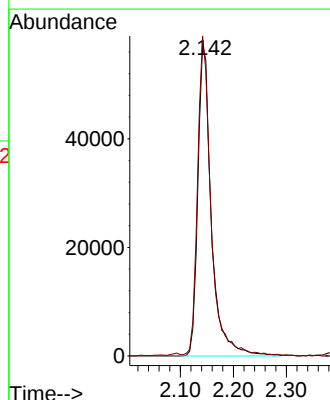
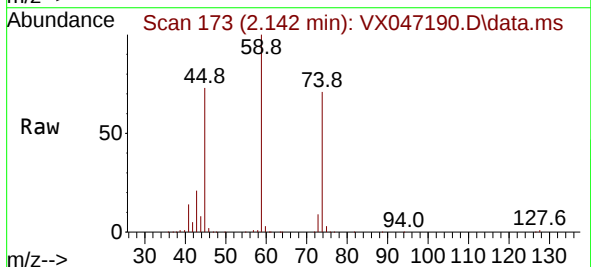
Manual Integrations
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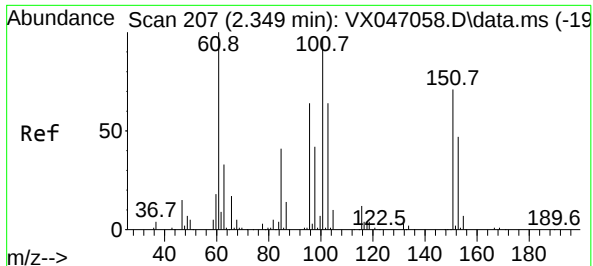
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#8
 Diethyl Ether
 Concen: 53.381 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047190.D
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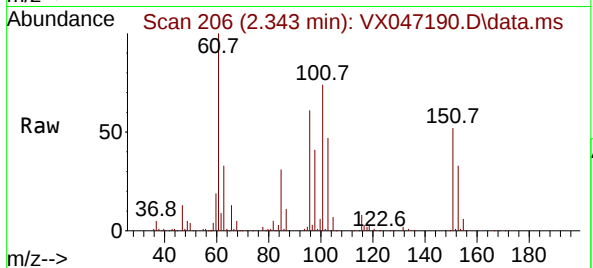
Tgt Ion: 74 Resp: 101913
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.967 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047190.D
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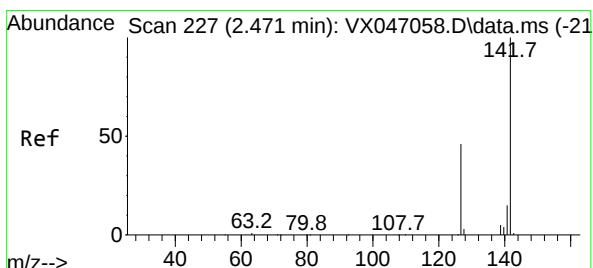
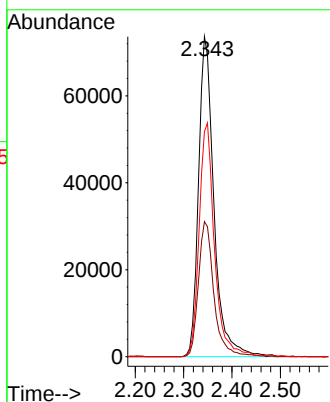
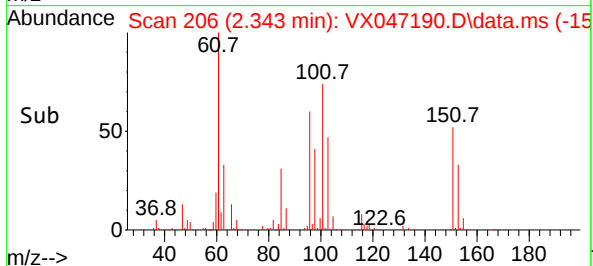
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MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 163004
Ion Ratio Lower Upper
101 100
85 42.4 35.4 53.0
151 72.7 59.2 88.8

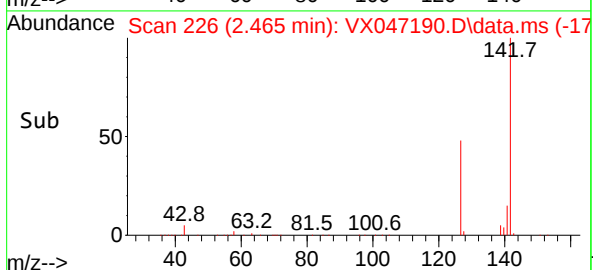
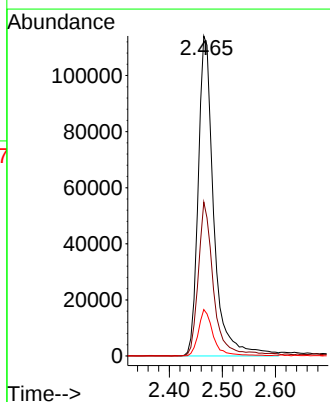
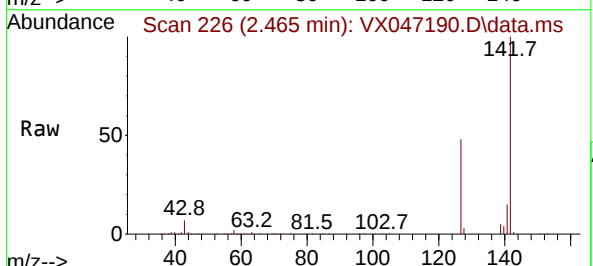
Manual Integrations
APPROVED

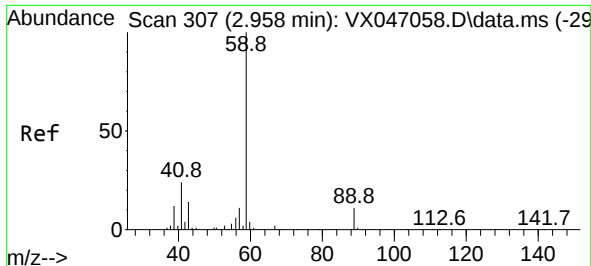
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#10
Methyl Iodide
Concen: 70.310 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:142 Resp: 233763
Ion Ratio Lower Upper
142 100
127 47.4 36.6 54.8
141 13.9 10.9 16.3





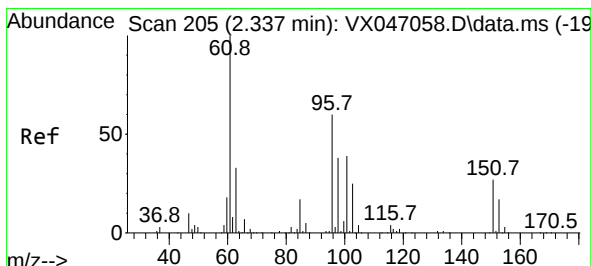
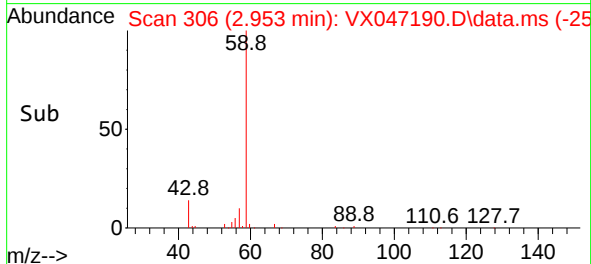
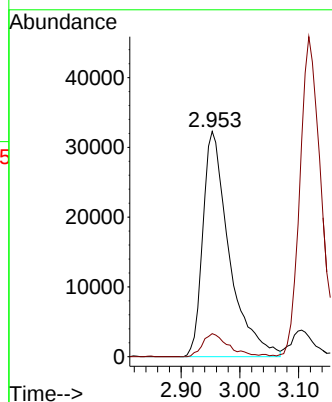
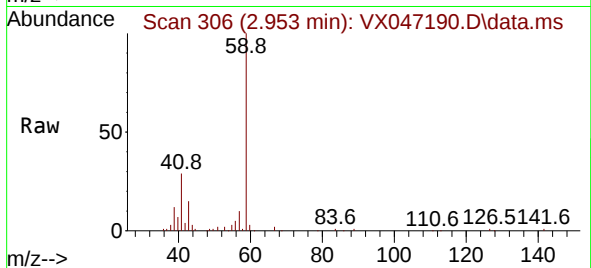
#11
Tert butyl alcohol
Concen: 269.014 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 100424
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

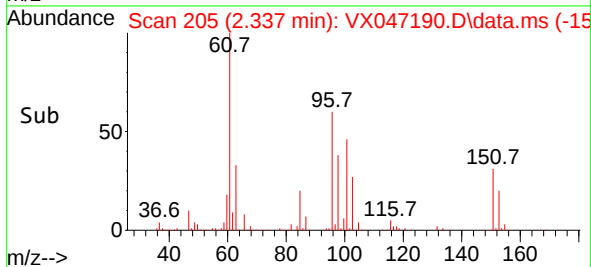
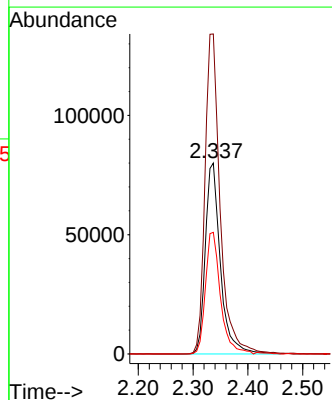
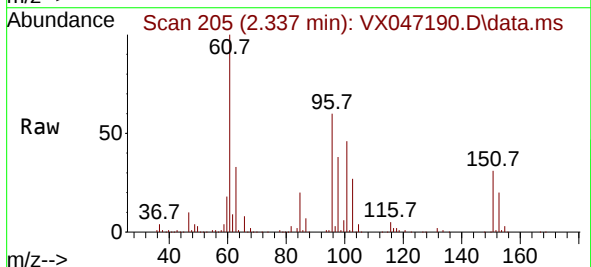
Manual Integrations
APPROVED

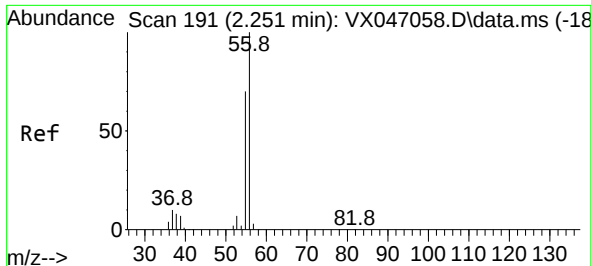
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#12
1,1-Dichloroethene
Concen: 47.251 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

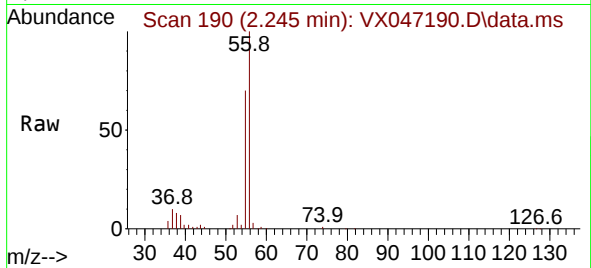
Tgt Ion: 96 Resp: 152672
Ion Ratio Lower Upper
96 100
61 167.7 132.6 198.8
98 63.7 50.2 75.4





#13
Acrolein
Concen: 207.845 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

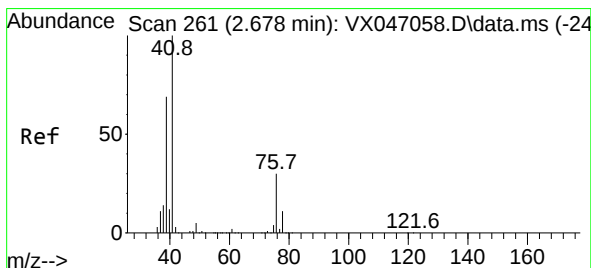
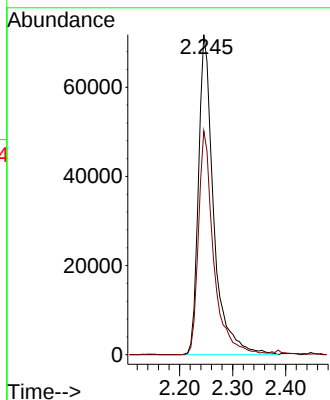
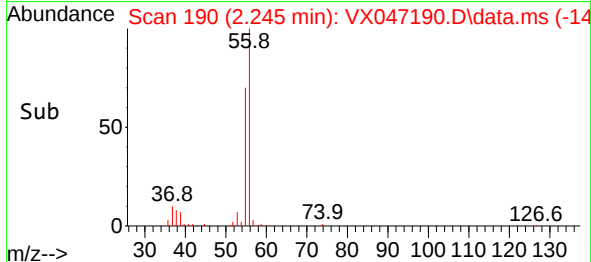
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 143330
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5

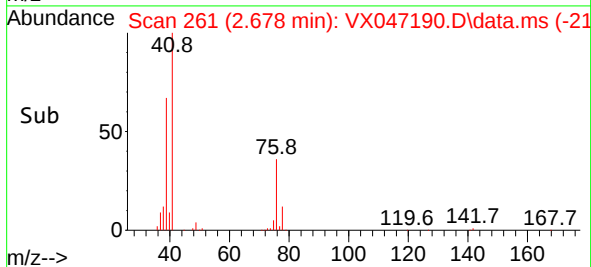
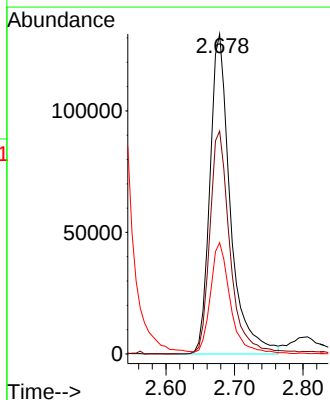
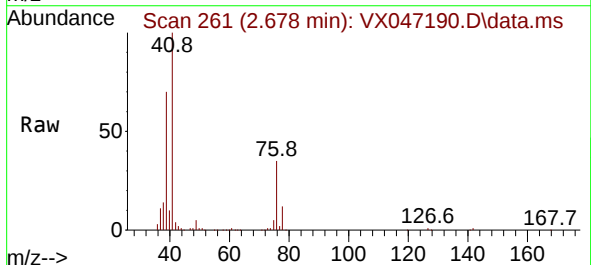
Manual Integrations
APPROVED

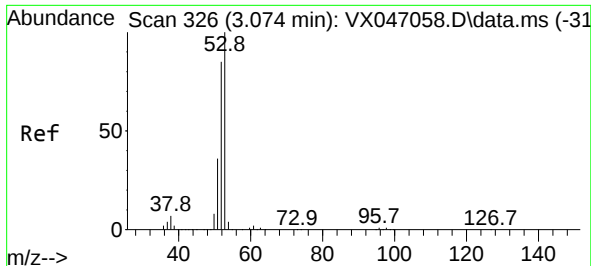
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#14
Allyl chloride
Concen: 46.631 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

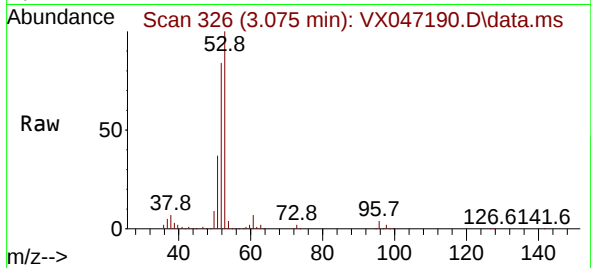
Tgt Ion: 41 Resp: 272353
Ion Ratio Lower Upper
41 100
39 69.2 52.6 78.8
76 33.5 25.7 38.5





#15
Acrylonitrile
Concen: 269.454 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

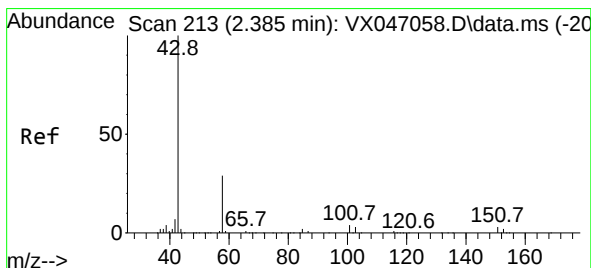
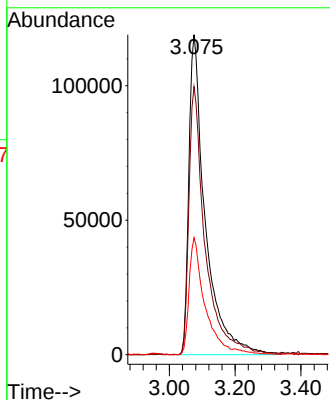
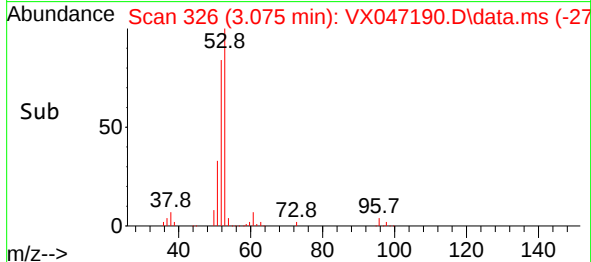
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



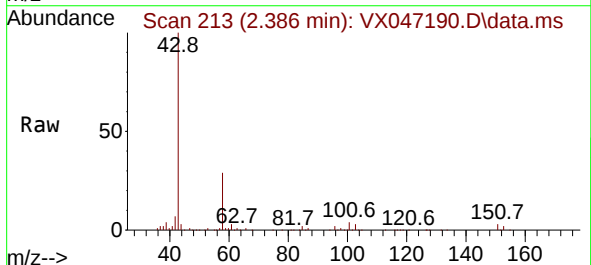
Tgt Ion: 53 Resp: 411579
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 34.4 28.8 43.2

Manual Integrations
APPROVED

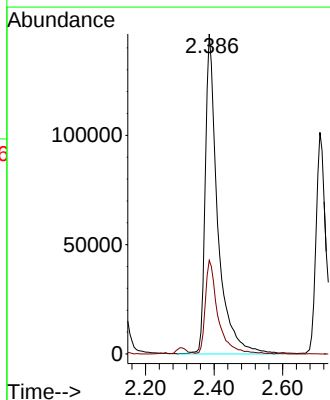
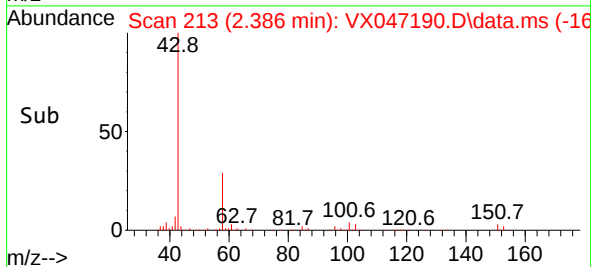
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

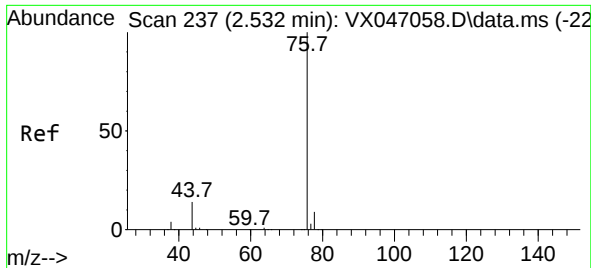


#16
Acetone
Concen: 287.948 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion: 43 Resp: 369440
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0





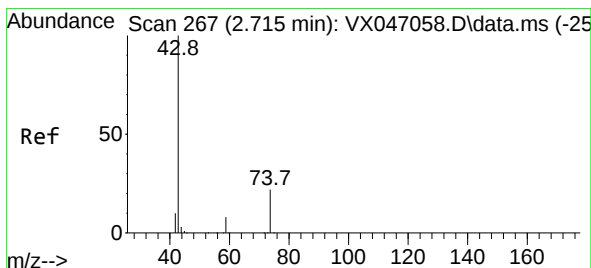
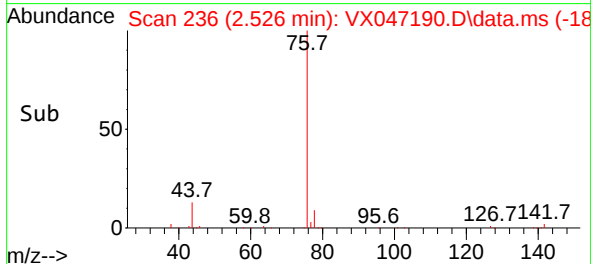
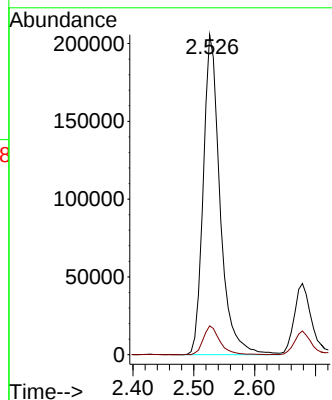
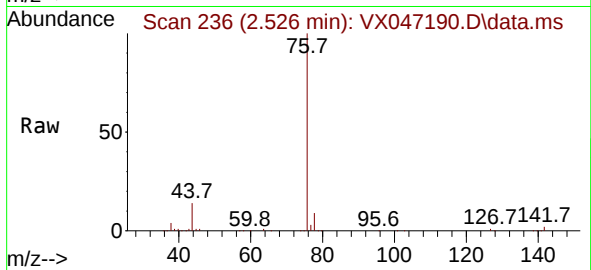
#17
Carbon Disulfide
Concen: 42.219 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 39463
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

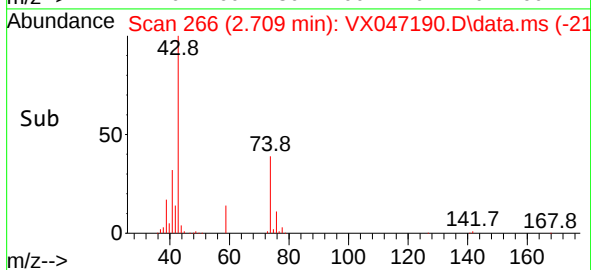
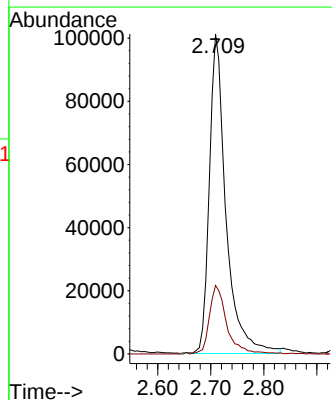
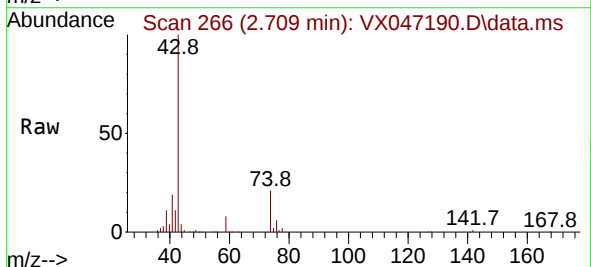
Manual Integrations
APPROVED

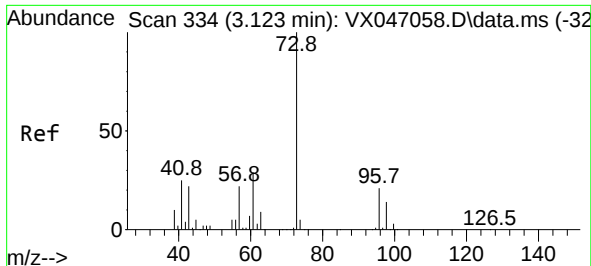
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#18
Methyl Acetate
Concen: 64.462 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 43 Resp: 219787
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





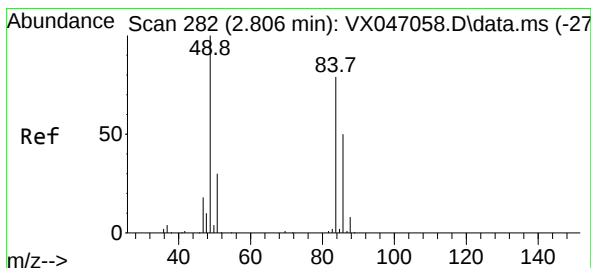
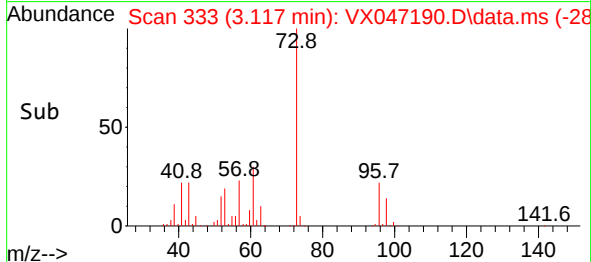
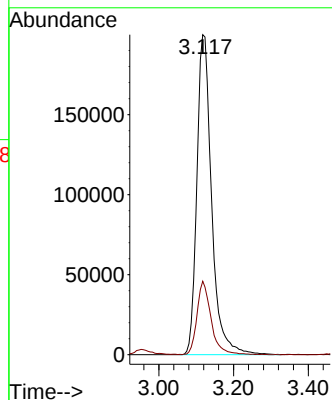
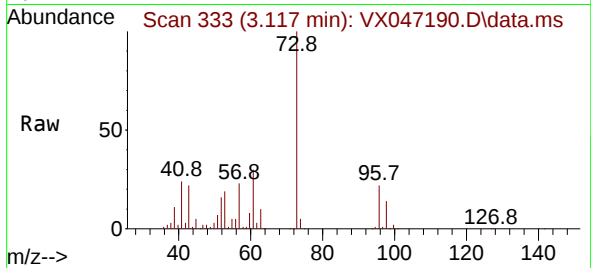
#19
Methyl tert-butyl Ether
Concen: 55.688 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 54760
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

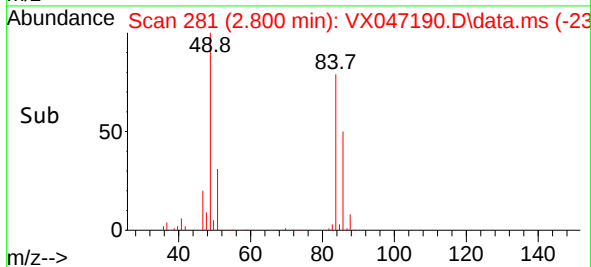
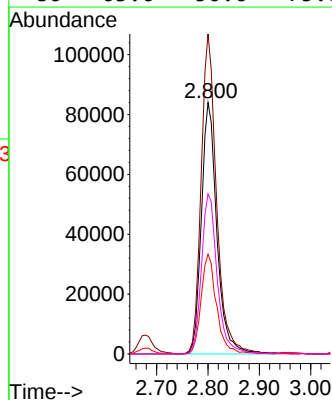
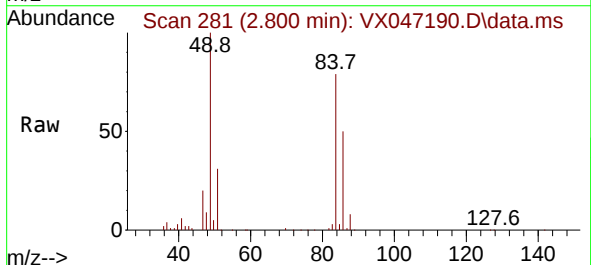
Manual Integrations
APPROVED

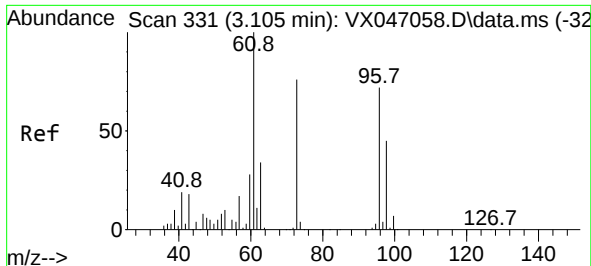
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#20
Methylene Chloride
Concen: 49.902 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

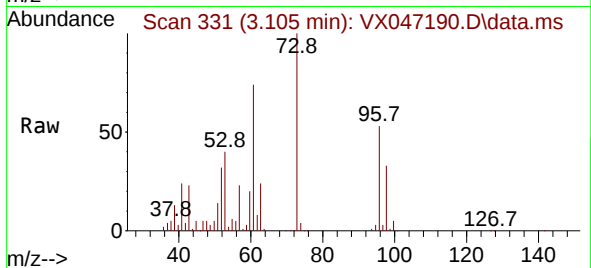
Tgt Ion: 84 Resp: 176137
Ion Ratio Lower Upper
84 100
49 127.2 101.6 152.4
51 39.6 30.3 45.5
86 63.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.530 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

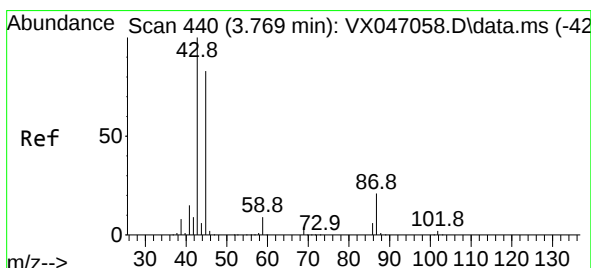
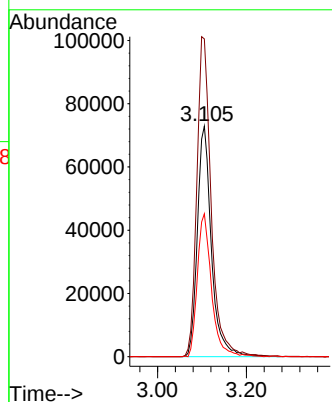
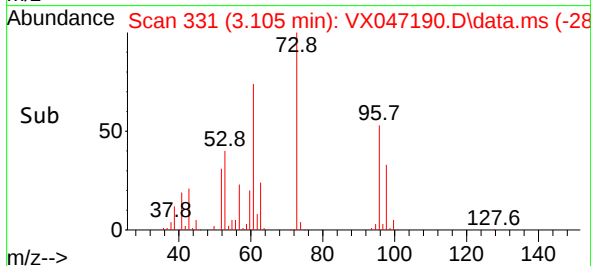
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16045
Ion Ratio Lower Upper
96 100
61 137.8 111.1 166.7
98 62.0 49.6 74.4

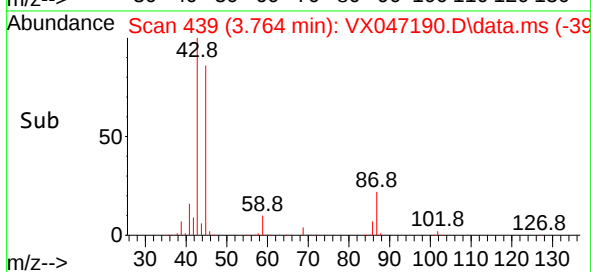
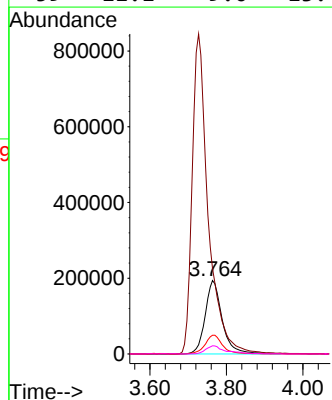
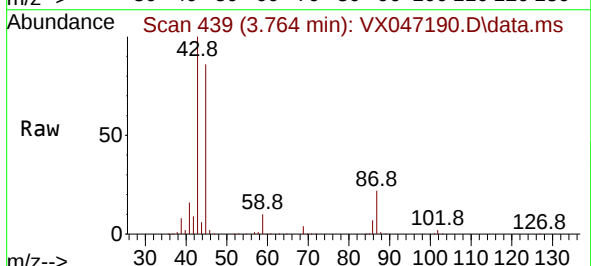
Manual Integrations
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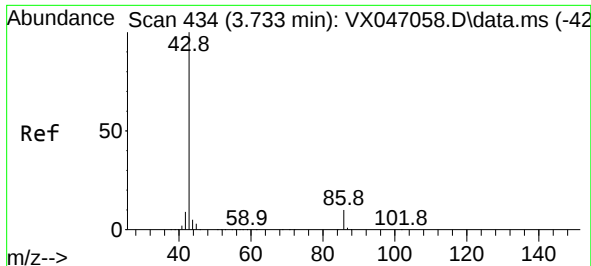
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#22
Diisopropyl ether
Concen: 53.364 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 45 Resp: 599227
Ion Ratio Lower Upper
45 100
43 115.9 96.8 145.2
87 25.6 20.5 30.7
59 11.1 9.0 13.4





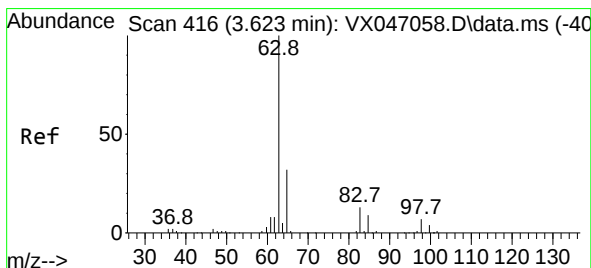
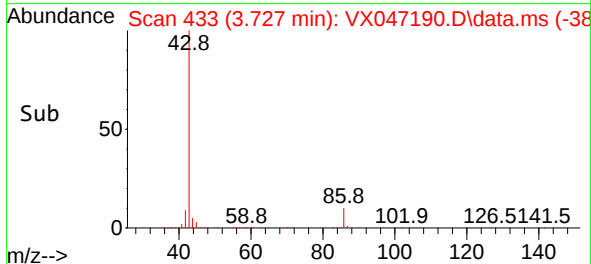
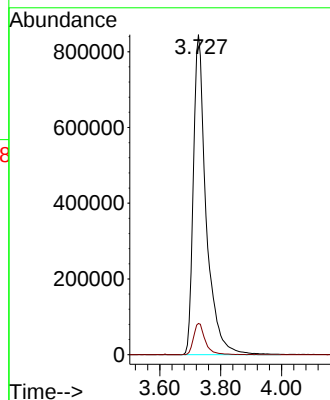
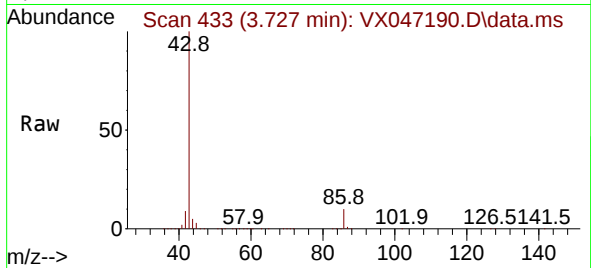
#23
 Vinyl Acetate
 Concen: 274.334 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047190.D
 Acq: 31 Jul 2025 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 247078
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

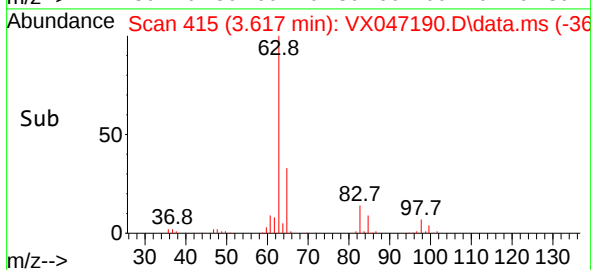
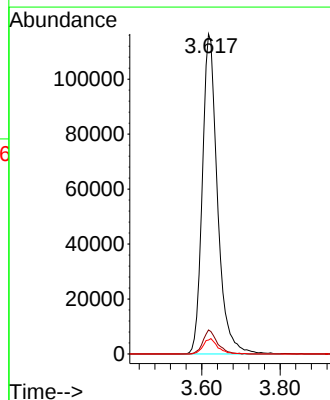
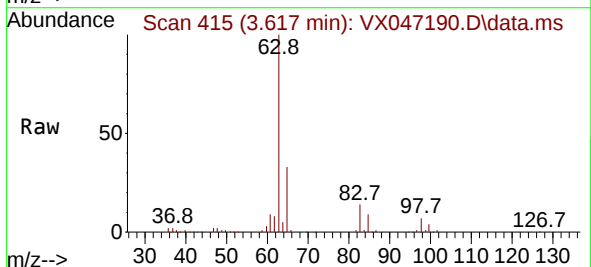
Manual Integrations
 APPROVED

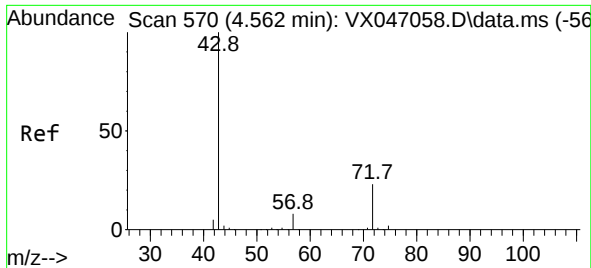
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#24
 1,1-Dichloroethane
 Concen: 50.014 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047190.D
 Acq: 31 Jul 2025 09:52

Tgt Ion: 63 Resp: 312297
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.3 6.8





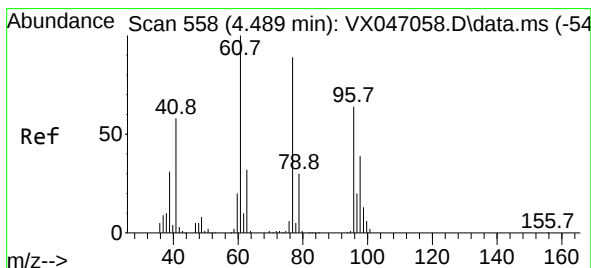
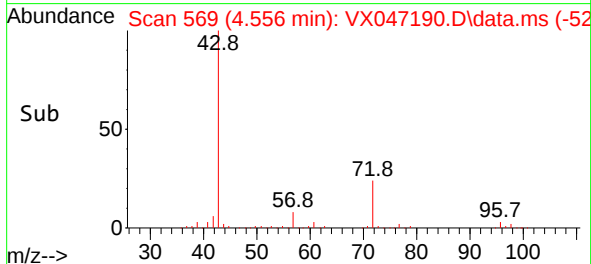
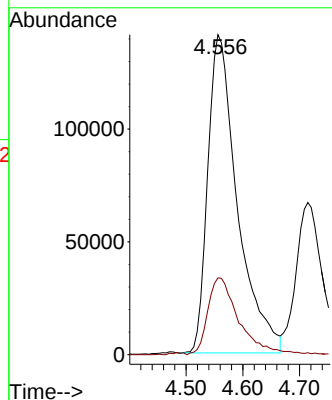
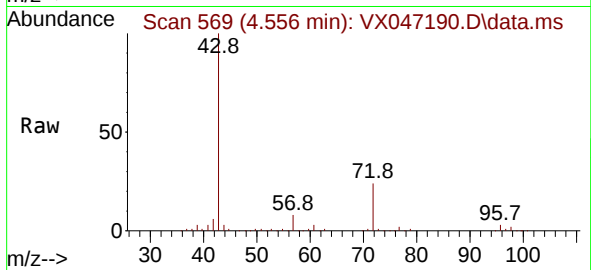
#25
2-Butanone
Concen: 273.616 ug/l
RT: 4.556 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51116
Ion Ratio Lower Upper
43 100
72 23.7 18.8 28.2

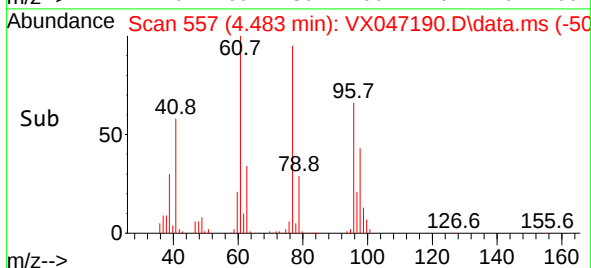
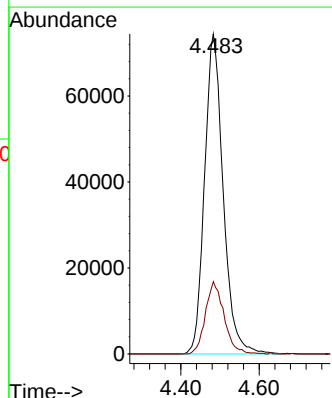
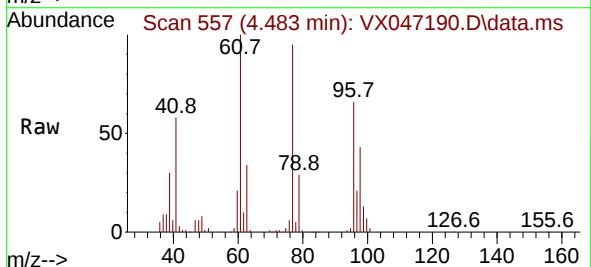
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#26
2,2-Dichloropropane
Concen: 50.765 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 77 Resp: 245382
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.283 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 19687

Ion Ratio Lower Upper

96 100

61 147.6 0.0 298.6

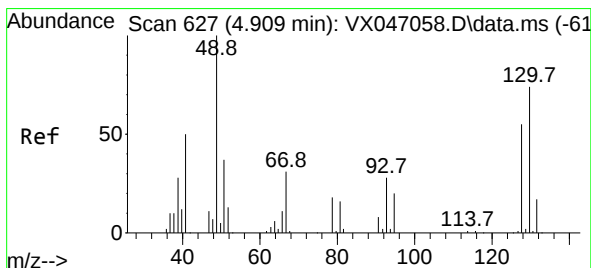
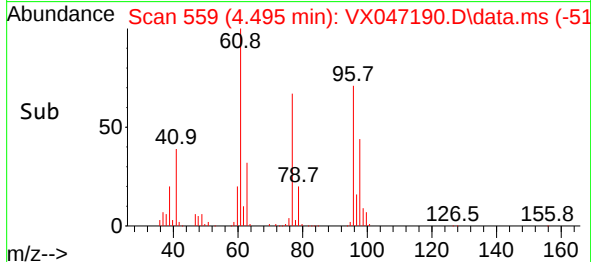
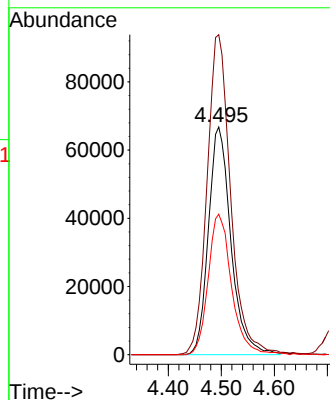
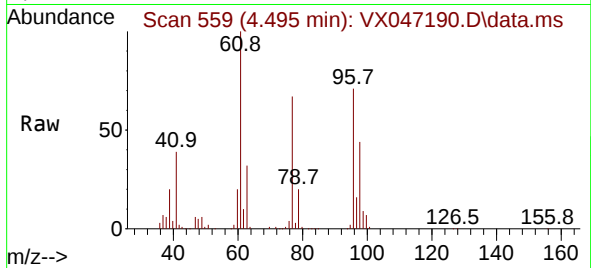
98 63.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#28

Bromochloromethane

Concen: 51.633 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

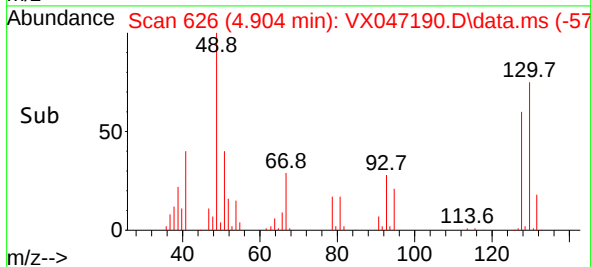
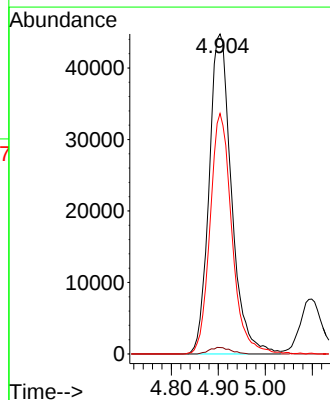
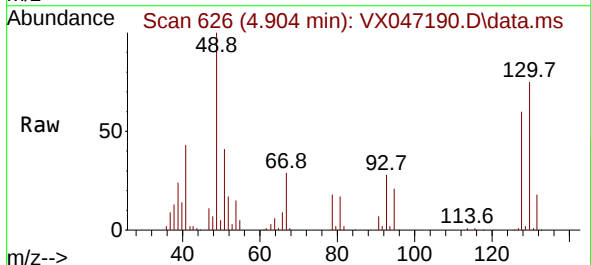
Tgt Ion: 49 Resp: 148328

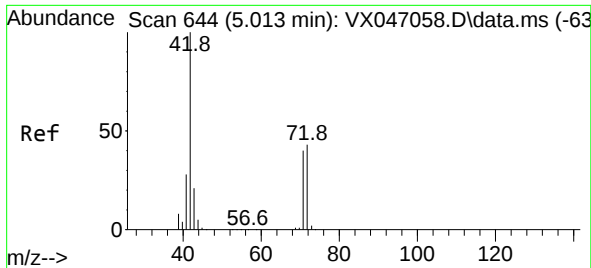
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 260.900 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31448

Ion Ratio Lower Upper

42 100

72 42.7 33.7 50.5

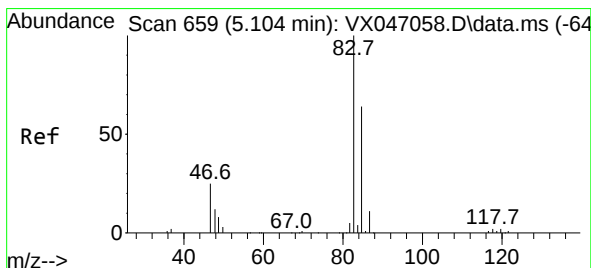
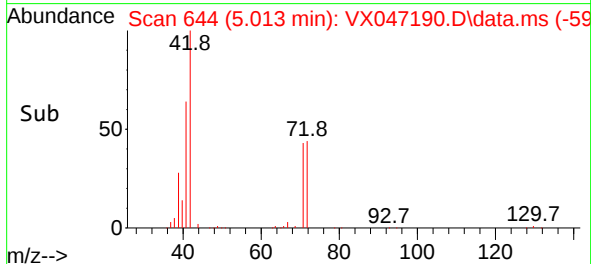
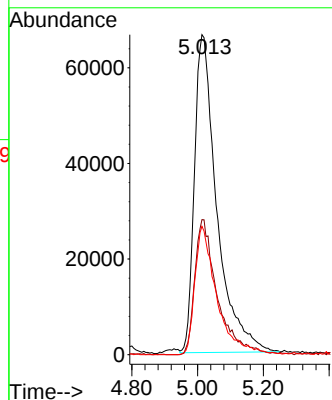
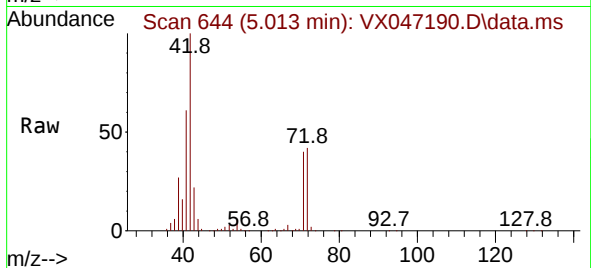
71 39.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#30

Chloroform

Concen: 50.867 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047190.D

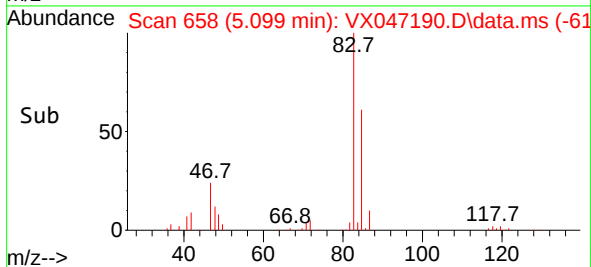
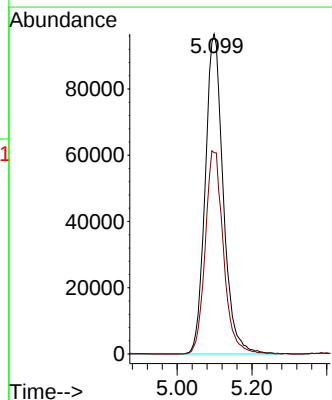
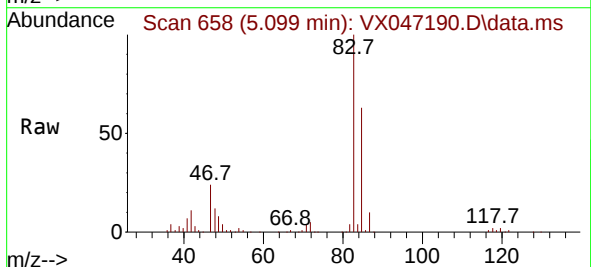
Acq: 31 Jul 2025 09:52

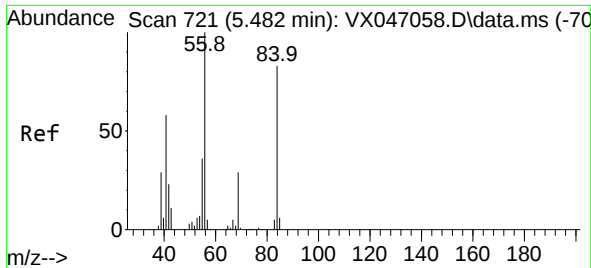
Tgt Ion: 83 Resp: 323320

Ion Ratio Lower Upper

83 100

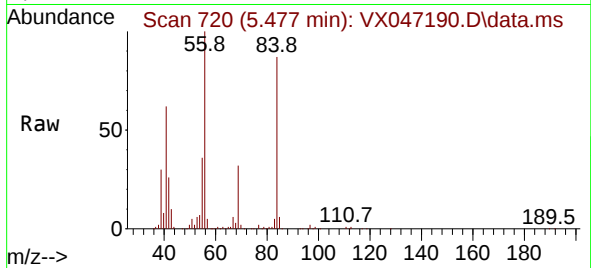
85 62.9 50.9 76.3





#31
Cyclohexane
Concen: 45.121 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

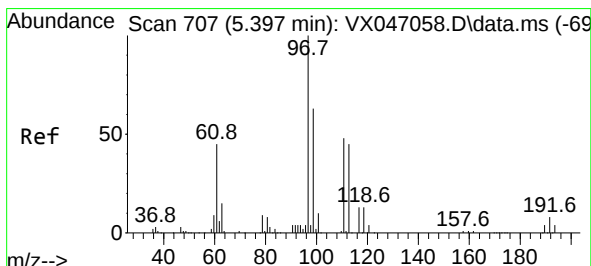
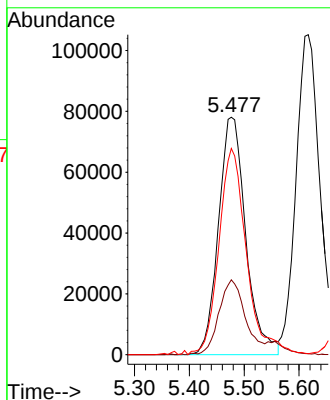
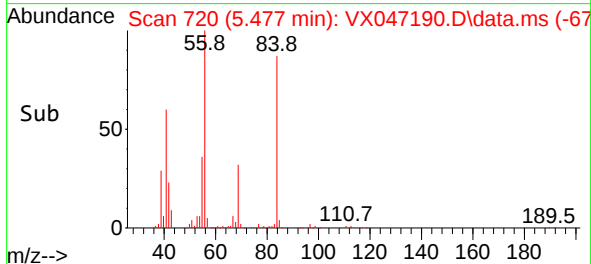
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



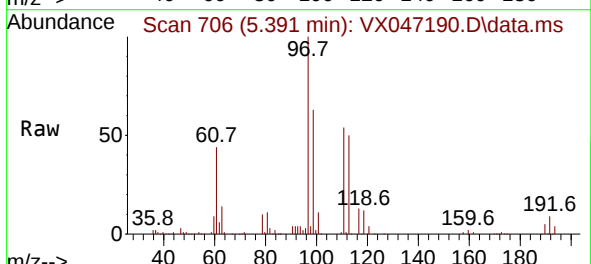
Tgt Ion: 56 Resp: 270152
Ion Ratio Lower Upper
56 100
69 31.2 23.3 34.9
84 86.7 66.5 99.7

Manual Integrations
APPROVED

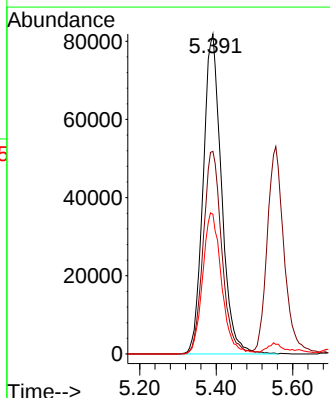
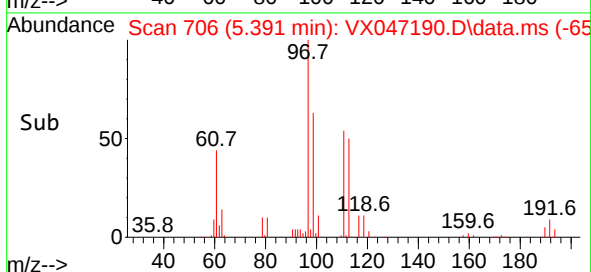
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

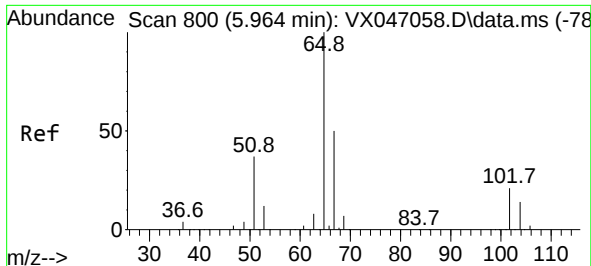


#32
1,1,1-Trichloroethane
Concen: 49.403 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion: 97 Resp: 272746
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 45.4 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 48.732 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 156079

Ion Ratio Lower Upper

65 100

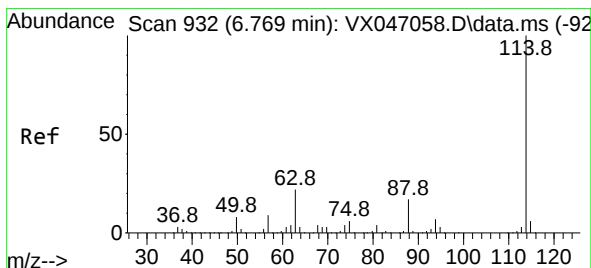
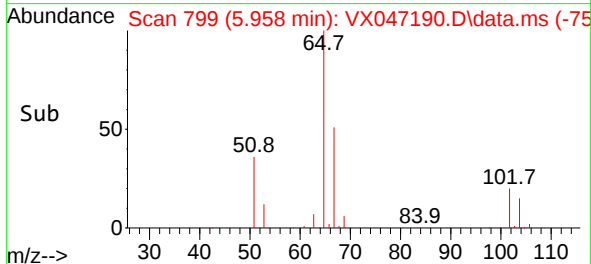
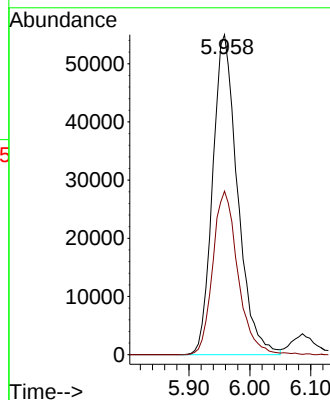
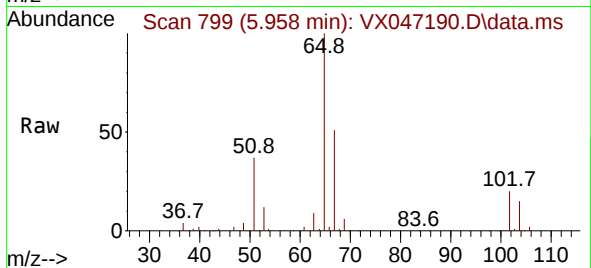
67 51.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

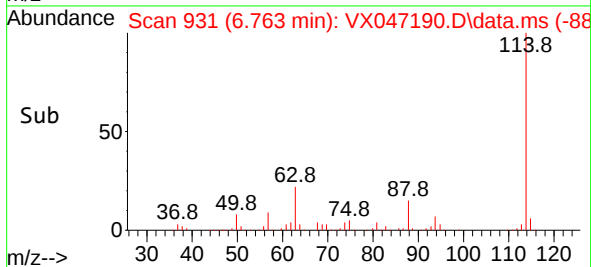
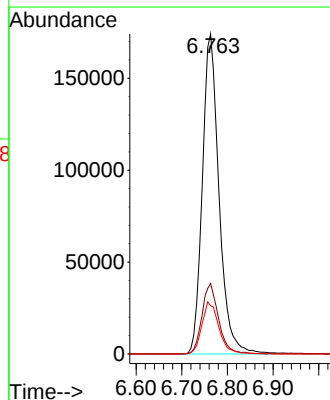
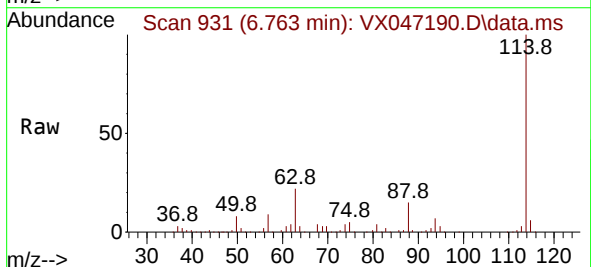
Tgt Ion:114 Resp: 442115

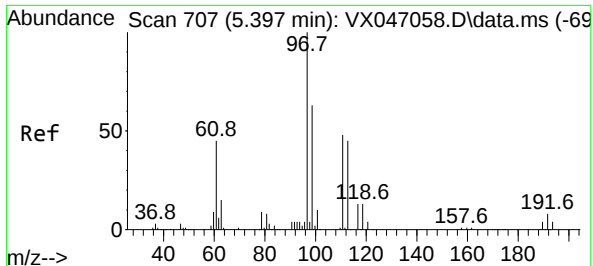
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 15.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.114 ug/l

RT: 5.385 min Scan# 707

Delta R.T. -0.012 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 134069

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

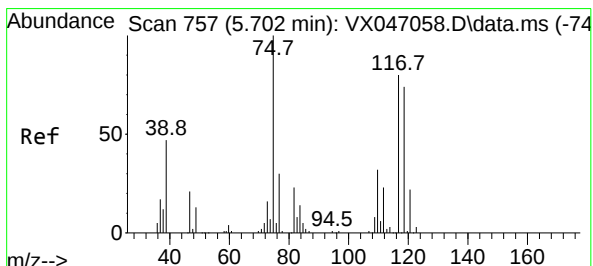
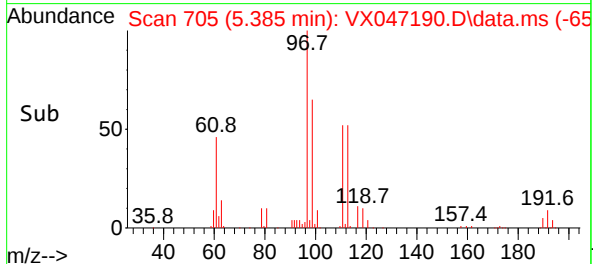
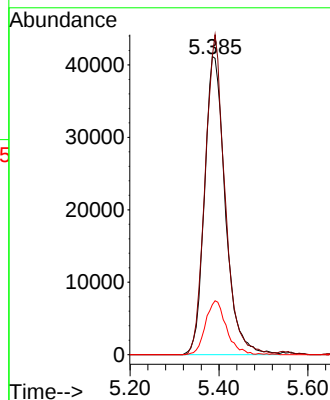
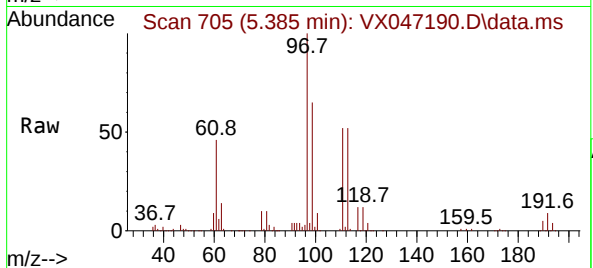
192 18.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#36

1,1-Dichloropropene

Concen: 45.515 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

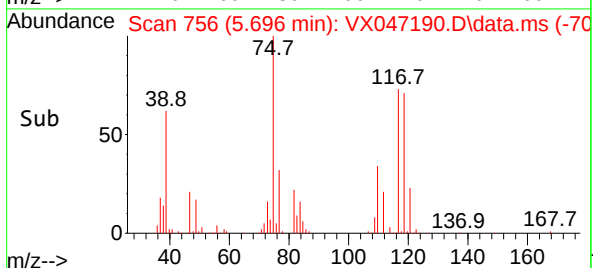
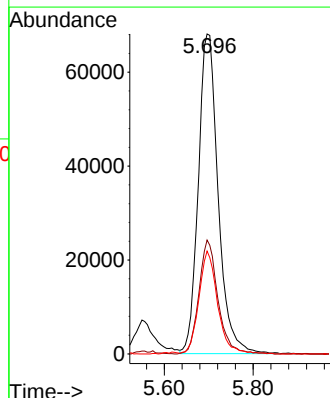
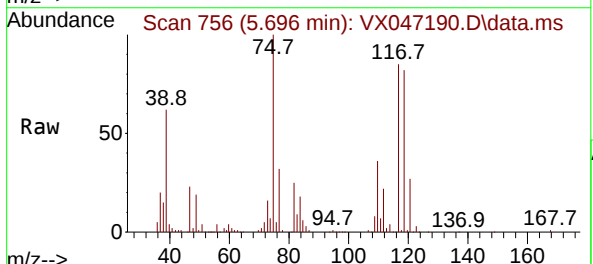
Tgt Ion: 75 Resp: 211789

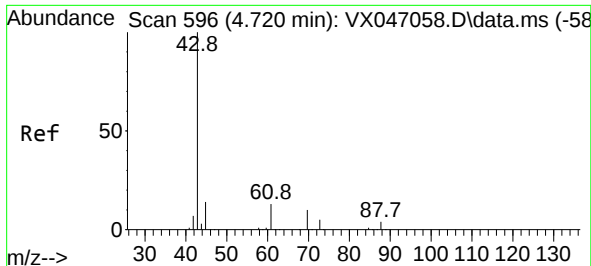
Ion Ratio Lower Upper

75 100

110 34.1 17.2 51.5

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 54.072 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 23184

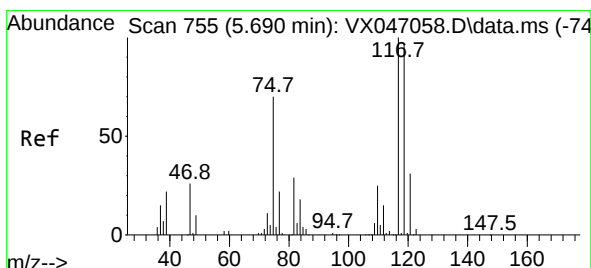
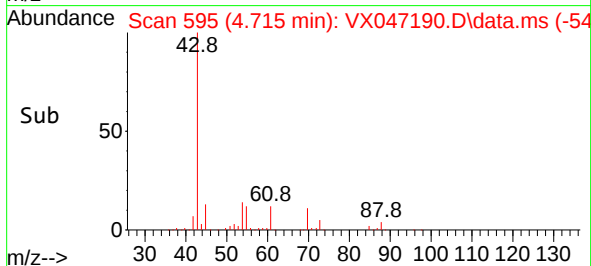
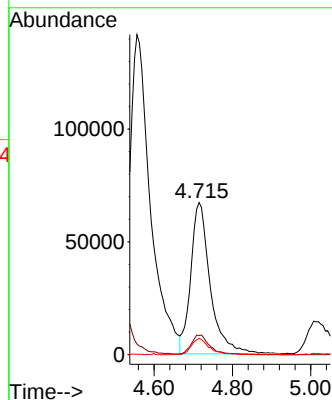
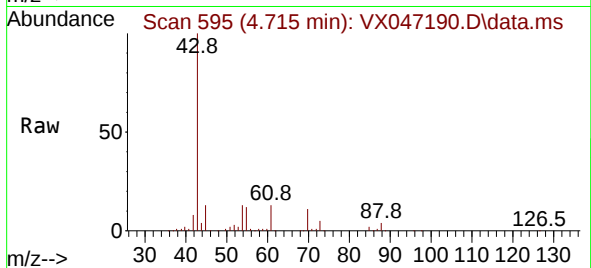
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.2	15.2
70	9.9	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#38

Carbon Tetrachloride

Concen: 47.133 ug/l

RT: 5.684 min Scan# 754

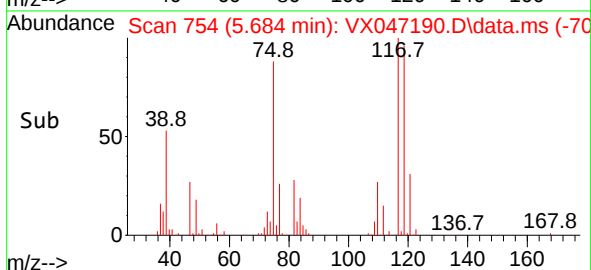
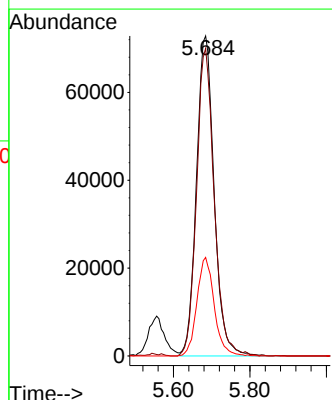
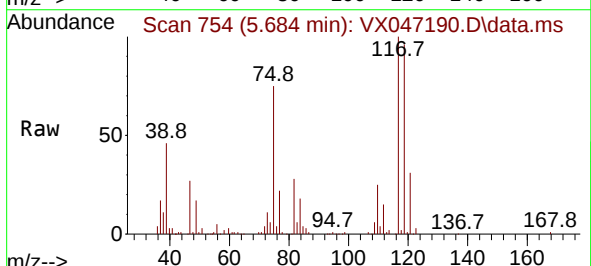
Delta R.T. -0.006 min

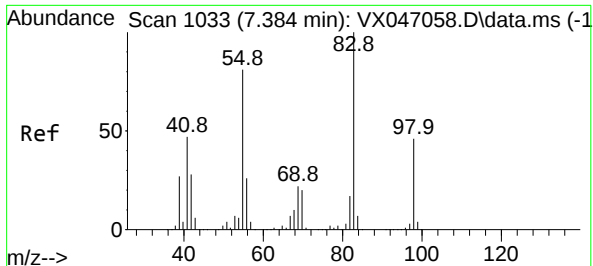
Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Tgt Ion:117 Resp: 234082

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	115.0
121	30.8	24.4	36.6





#39

Methylcyclohexane

Concen: 45.602 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 26493

Ion Ratio Lower Upper

83 100

55 81.8 64.5 96.7

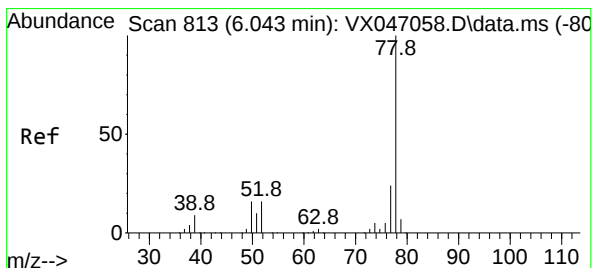
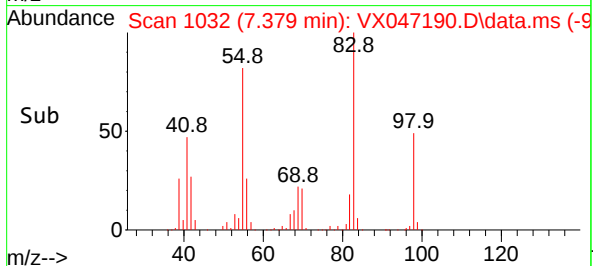
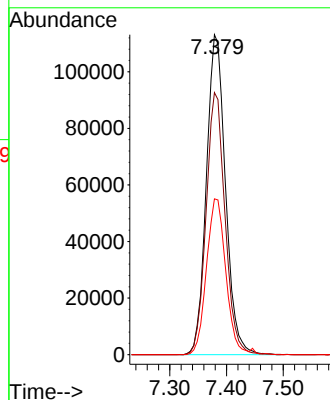
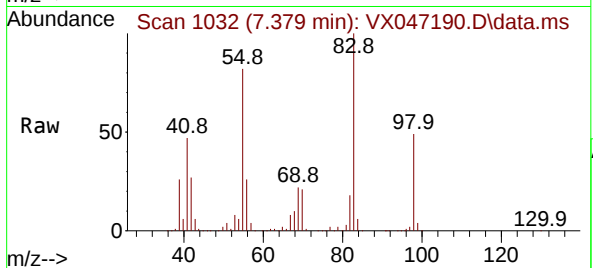
98 48.7 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#40

Benzene

Concen: 48.410 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX047190.D

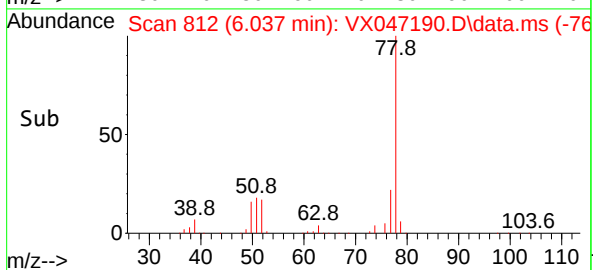
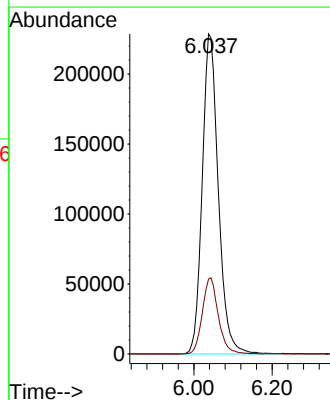
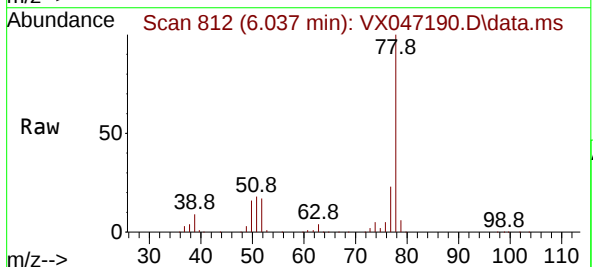
Acq: 31 Jul 2025 09:52

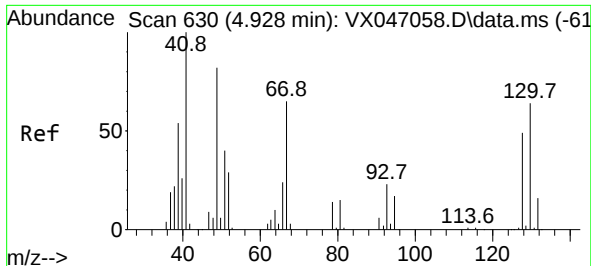
Tgt Ion: 78 Resp: 651898

Ion Ratio Lower Upper

78 100

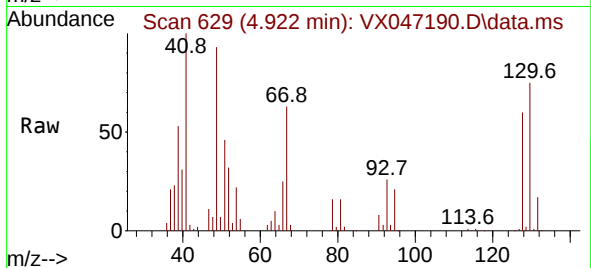
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 50.159 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

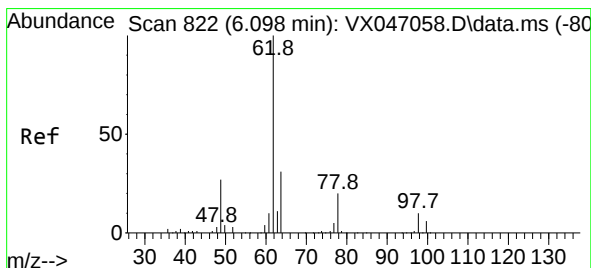
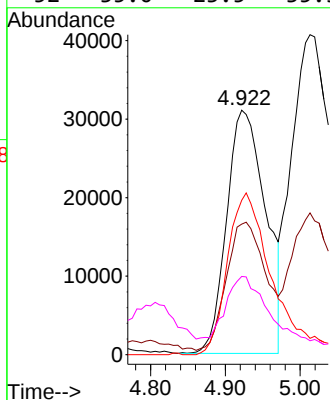
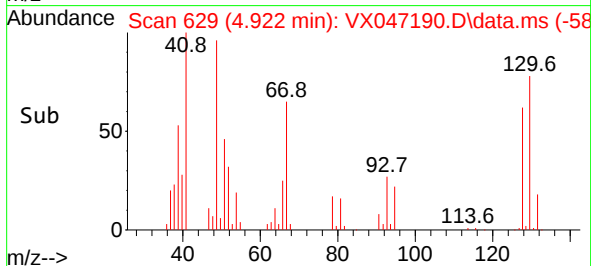
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 112449
Ion Ratio Lower Upper
41 100
39 53.1 44.2 66.2
67 77.9 56.4 84.6
52 35.0 23.5 35.3

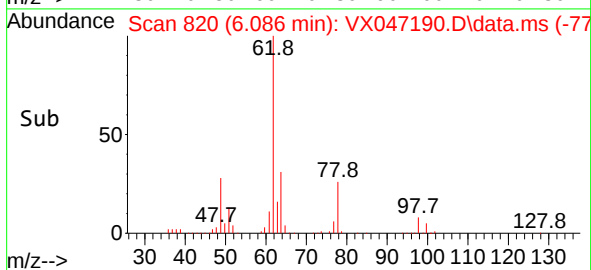
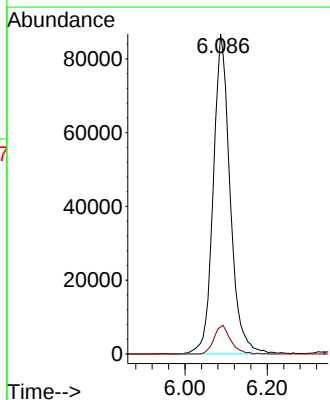
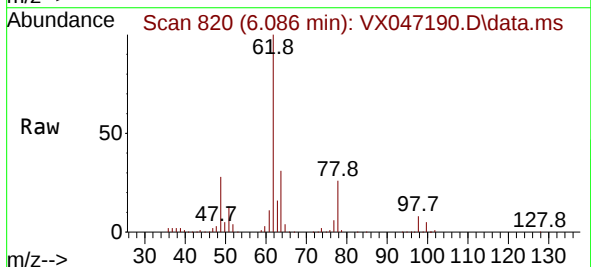
Manual Integrations
APPROVED

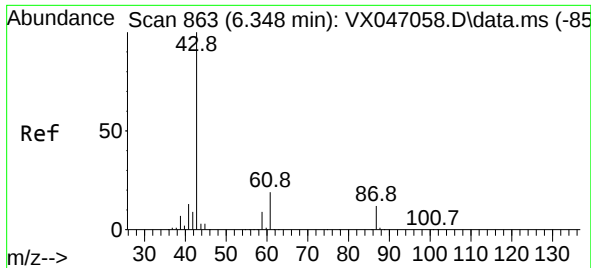
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#42
1,2-Dichloroethane
Concen: 52.157 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

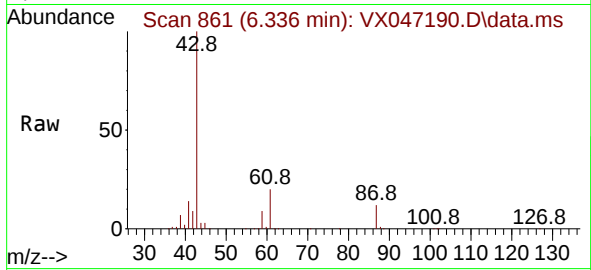
Tgt Ion: 62 Resp: 247408
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.8





#43
Isopropyl Acetate
Concen: 55.453 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

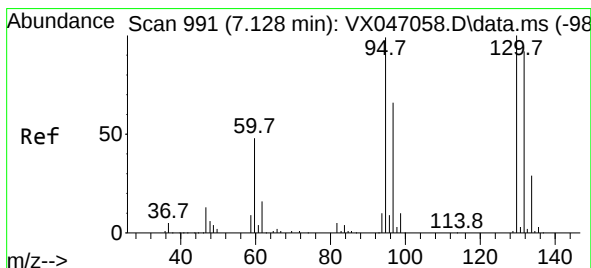
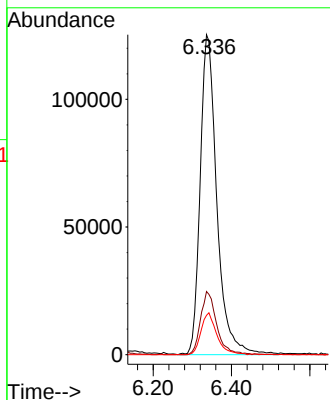
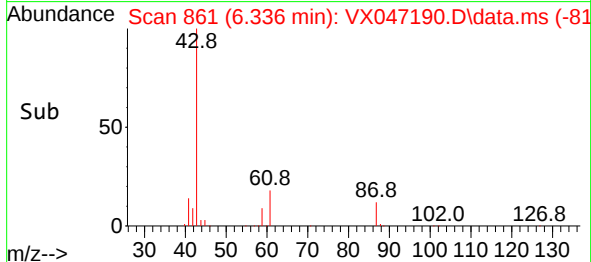
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 370664
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.4 9.7 14.5

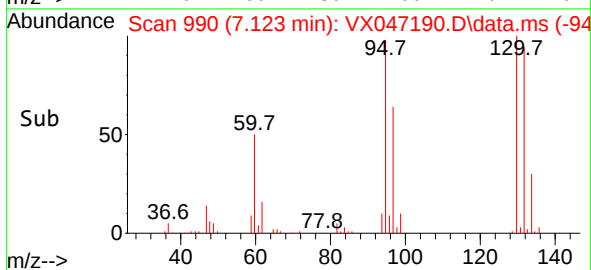
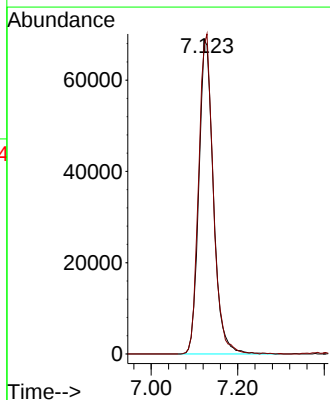
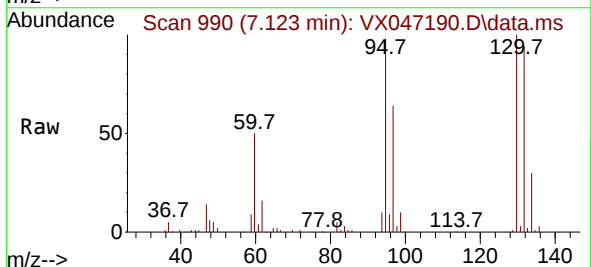
Manual Integrations
APPROVED

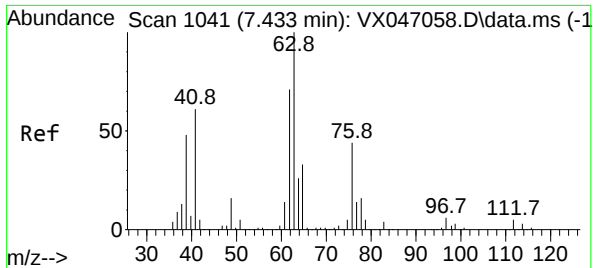
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#44
Trichloroethene
Concen: 46.539 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

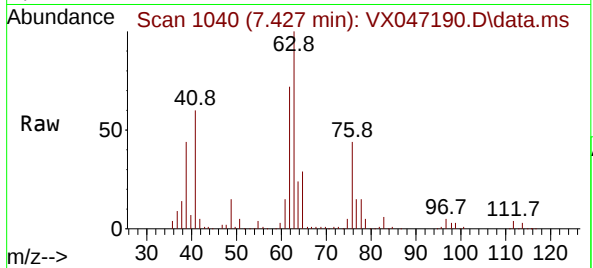
Tgt Ion:130 Resp: 160707
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.6





#45
1,2-Dichloropropane
Concen: 49.766 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

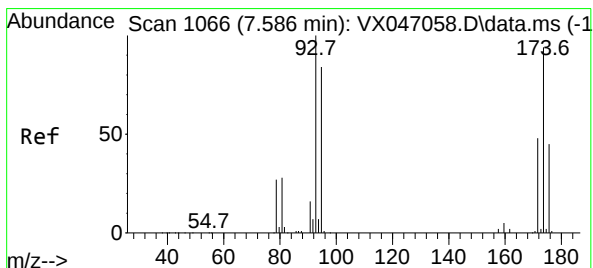
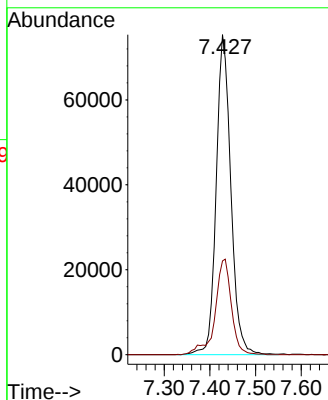
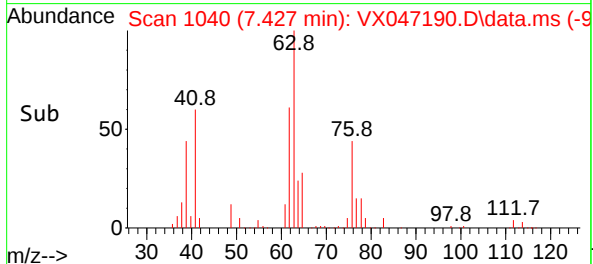
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



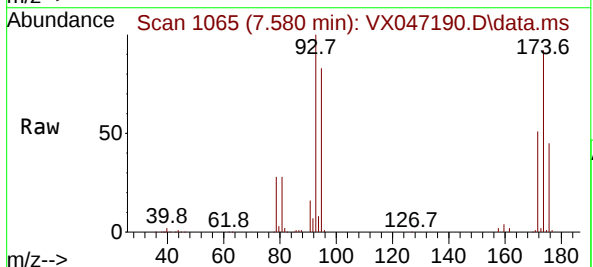
Tgt Ion: 63 Resp: 167844
Ion Ratio Lower Upper
63 100
65 29.3 26.3 39.5

Manual Integrations
APPROVED

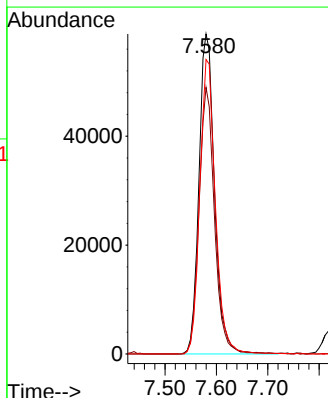
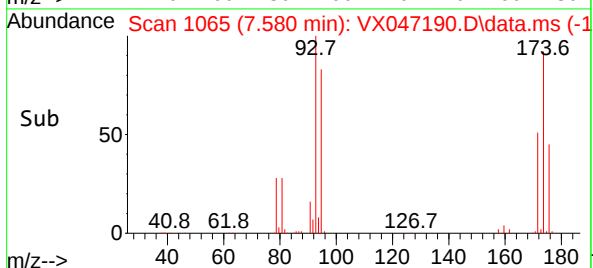
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

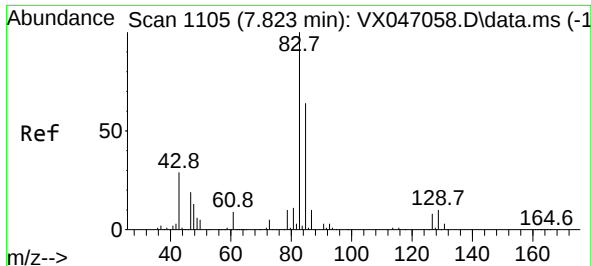


#46
Dibromomethane
Concen: 52.364 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion: 93 Resp: 123847
Ion Ratio Lower Upper
93 100
95 82.4 65.9 98.9
174 92.0 74.6 112.0





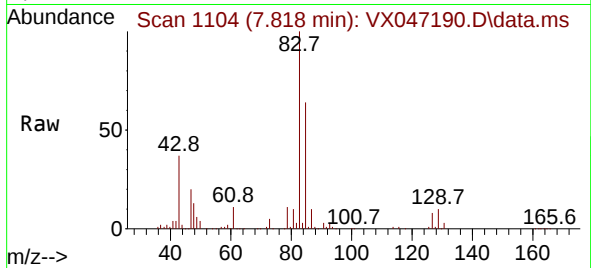
#47
Bromodichloromethane
Concen: 50.895 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



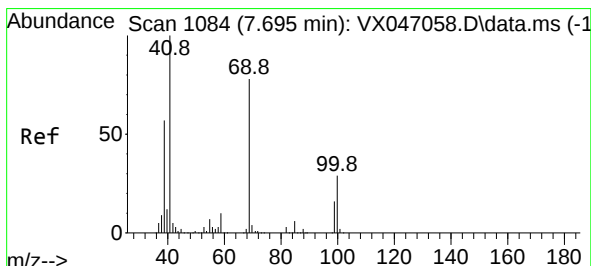
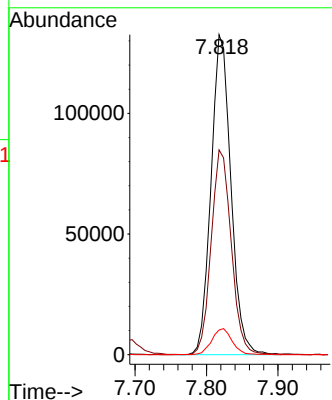
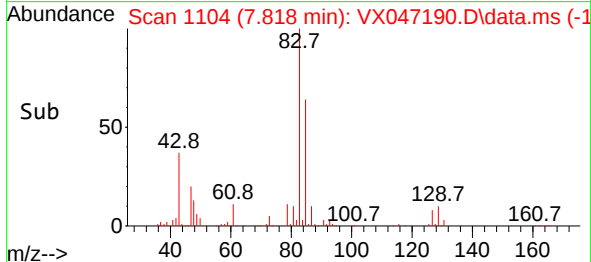
Tgt Ion: 83 Resp: 256214
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 7.7 6.6 10.0

Manual Integrations

APPROVED

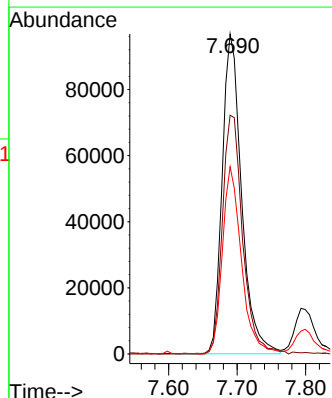
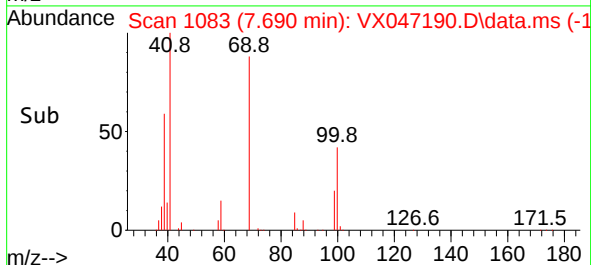
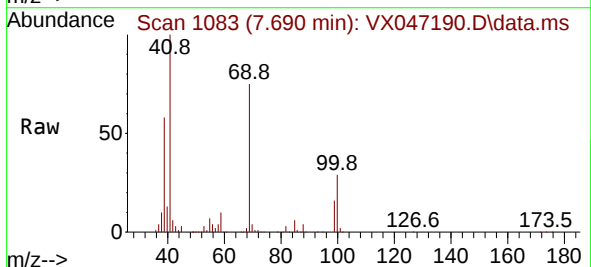
Reviewed By :John Carlone 08/01/2025

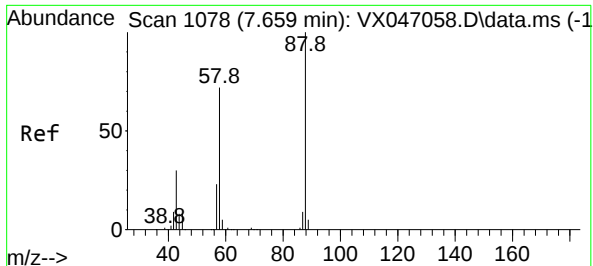
Supervised By :Mahesh Dadoda 08/01/2025



#48
Methyl methacrylate
Concen: 52.081 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

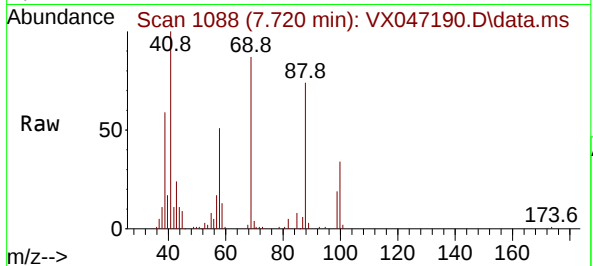
Tgt Ion: 41 Resp: 189647
Ion Ratio Lower Upper
41 100
69 77.7 62.3 93.5
39 57.4 44.8 67.2





#49
1,4-Dioxane
Concen: 1142.674 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.061 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

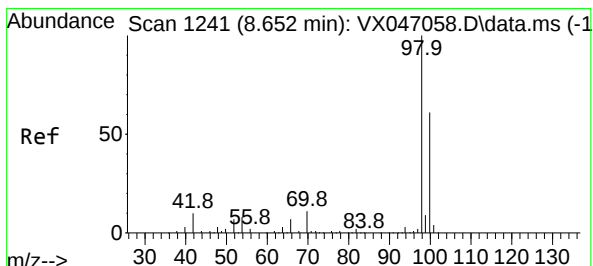
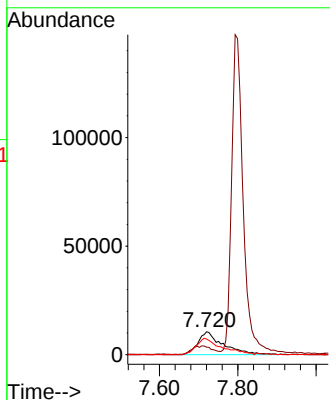
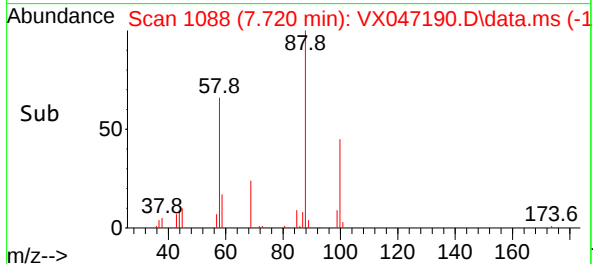
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 47325
Ion Ratio Lower Upper
88 100
43 29.4 33.6 50.4
58 71.0 58.8 88.2

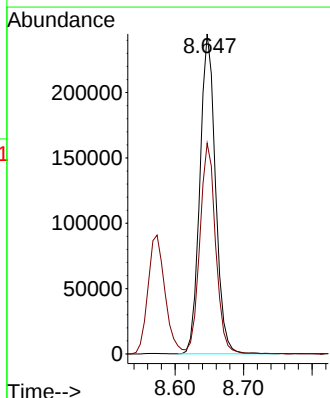
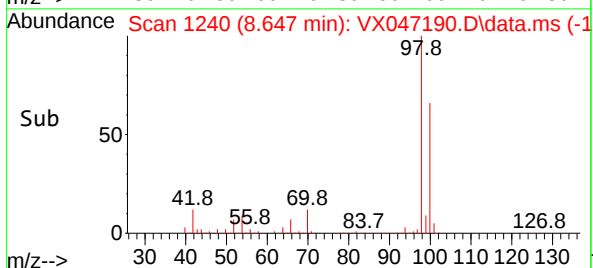
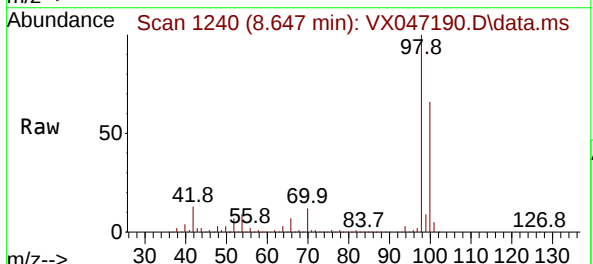
Manual Integrations
APPROVED

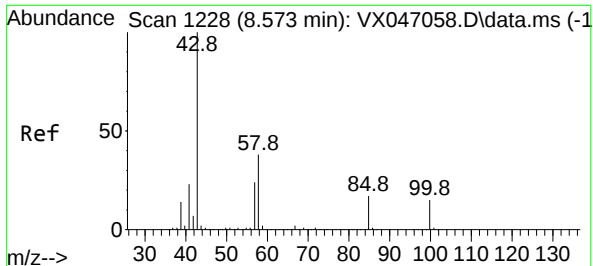
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#50
Toluene-d8
Concen: 43.911 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 98 Resp: 388188
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9





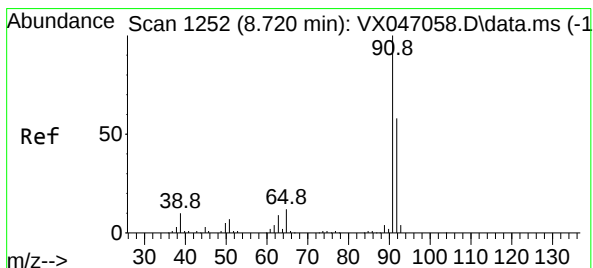
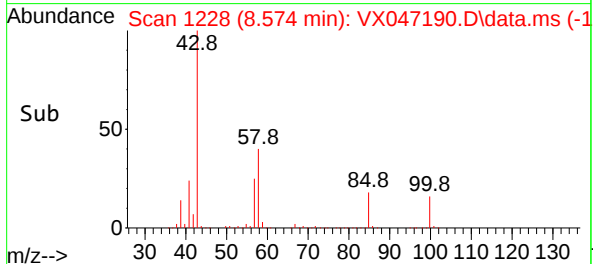
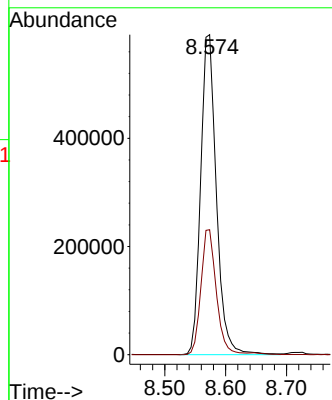
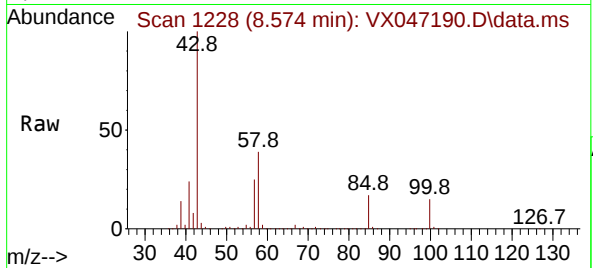
#51
4-Methyl-2-Pentanone
Concen: 267.333 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1062130
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

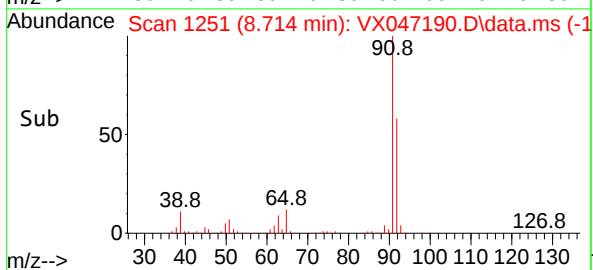
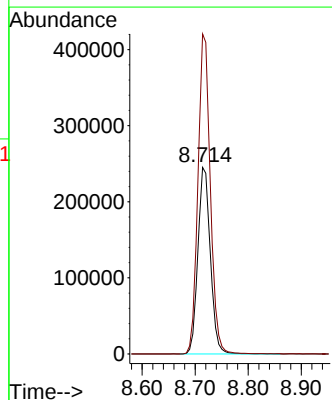
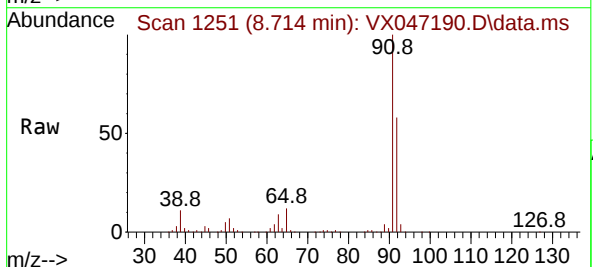
Manual Integrations
APPROVED

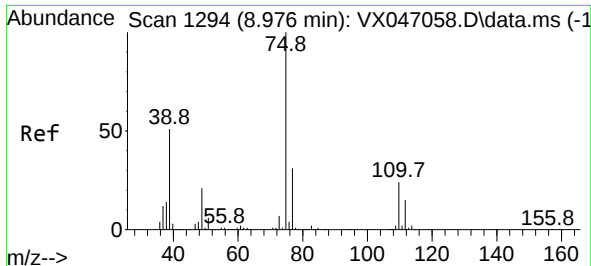
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#52
Toluene
Concen: 48.327 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

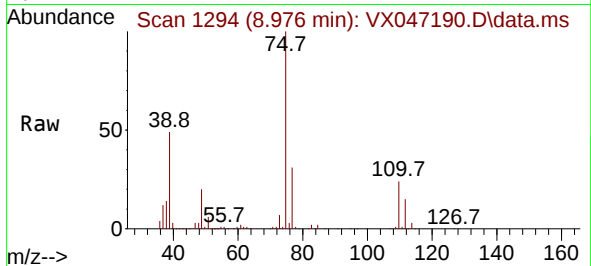
Tgt Ion: 92 Resp: 400154
Ion Ratio Lower Upper
92 100
91 170.1 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 52.634 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

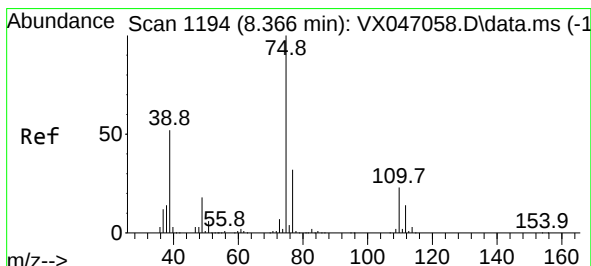
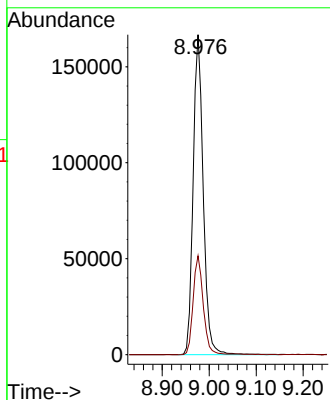
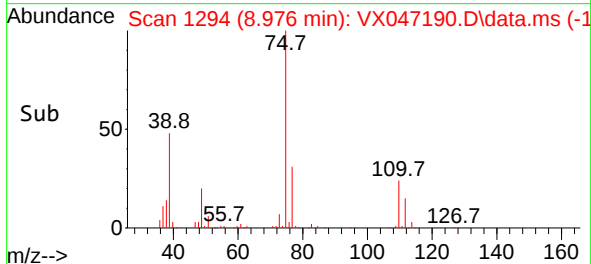
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



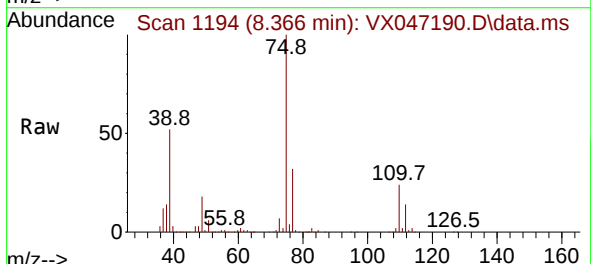
Tgt Ion: 75 Resp: 250212
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7

Manual Integrations
APPROVED

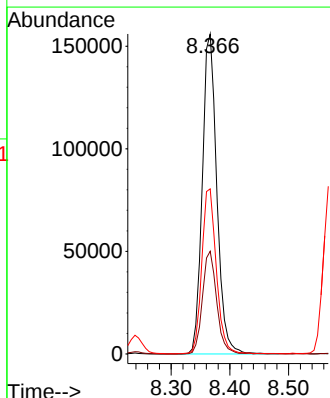
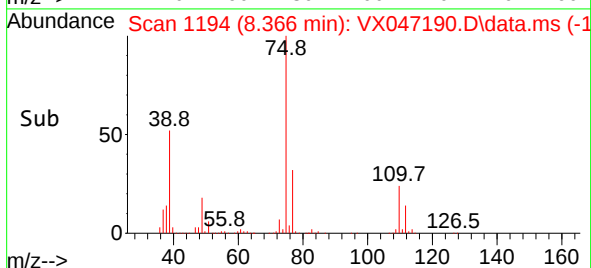
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

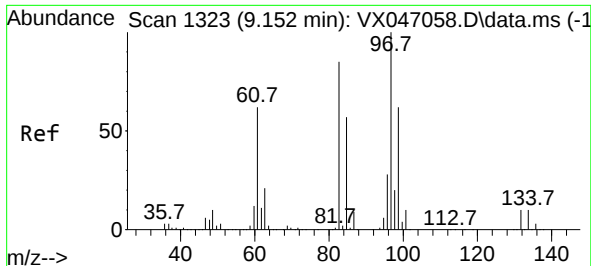


#54
cis-1,3-Dichloropropene
Concen: 51.546 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion: 75 Resp: 268192
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 51.5 41.8 62.6





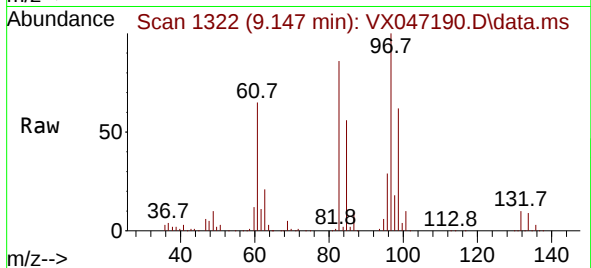
#55
1,1,2-Trichloroethane
Concen: 51.764 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



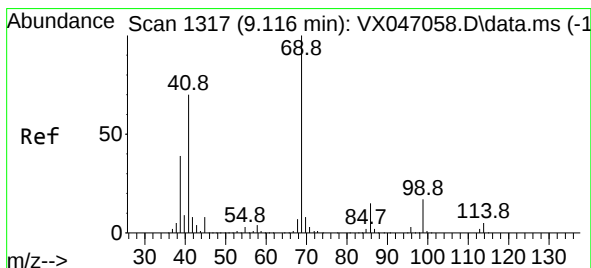
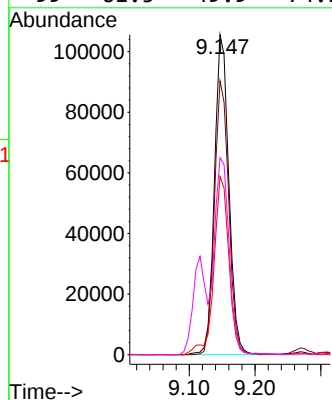
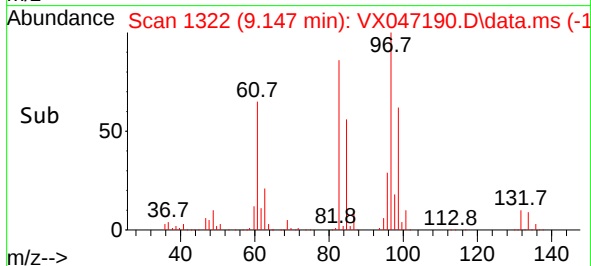
Tgt Ion: 97 Resp: 160740
Ion Ratio Lower Upper
97 100
83 85.6 68.0 102.0
85 55.7 45.2 67.8
99 61.5 49.9 74.9

Manual Integrations

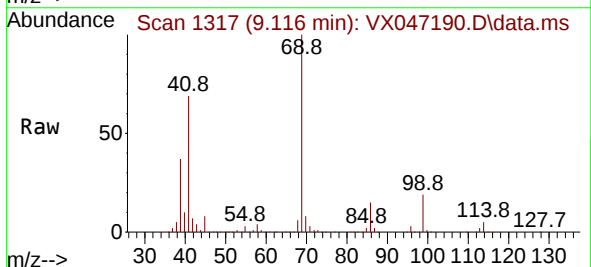
APPROVED

Reviewed By :John Carlone 08/01/2025

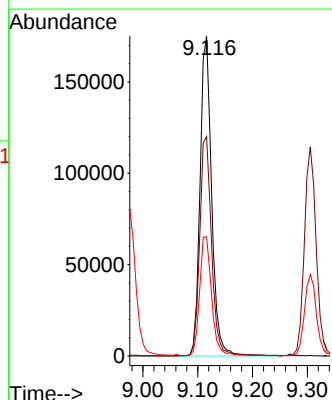
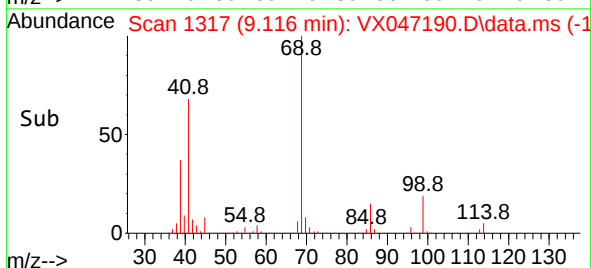
Supervised By :Mahesh Dadoda 08/01/2025

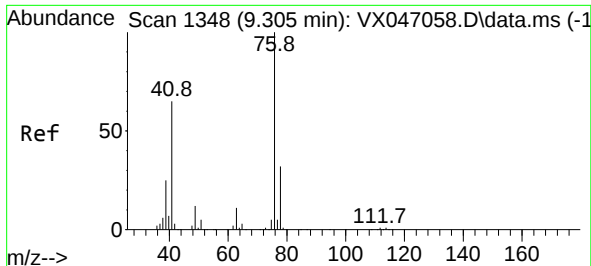


#56
Ethyl methacrylate
Concen: 55.948 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion: 69 Resp: 257195
Ion Ratio Lower Upper
69 100
41 70.1 56.1 84.1
39 38.3 31.1 46.7





#57

1,3-Dichloropropane

Concen: 50.908 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 274740

Ion Ratio Lower Upper

76 100

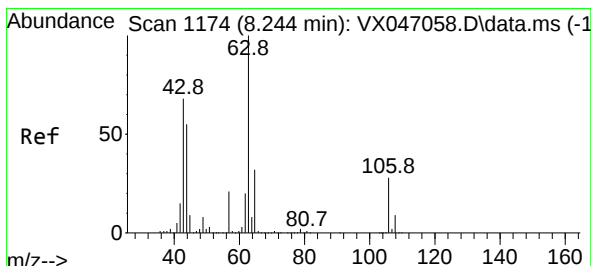
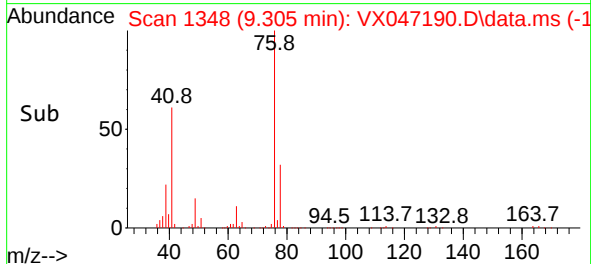
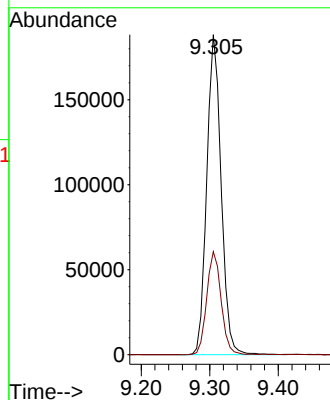
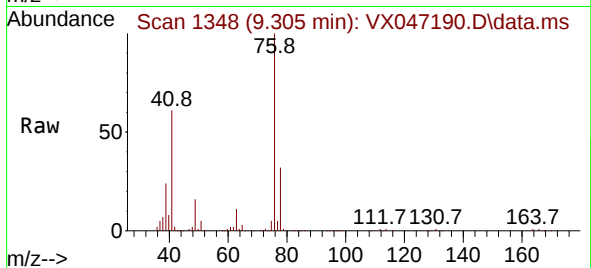
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 266.105 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047190.D

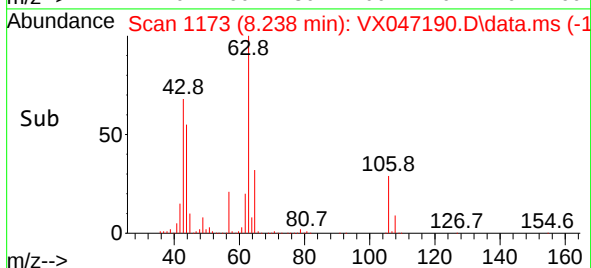
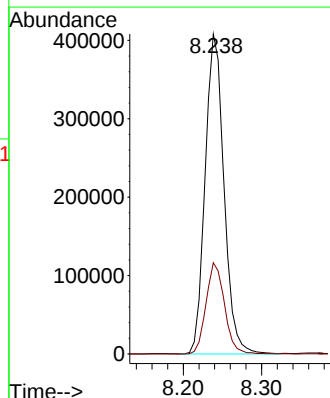
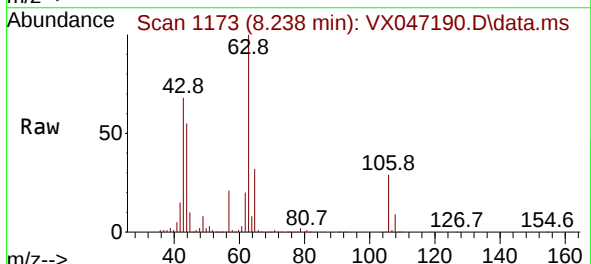
Acq: 31 Jul 2025 09:52

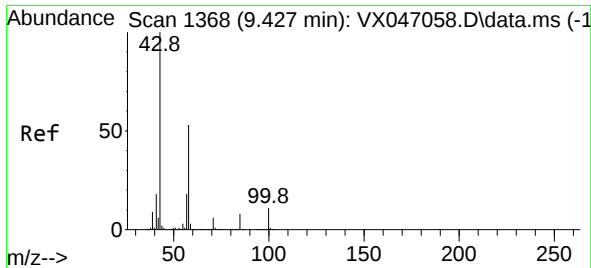
Tgt Ion: 63 Resp: 680723

Ion Ratio Lower Upper

63 100

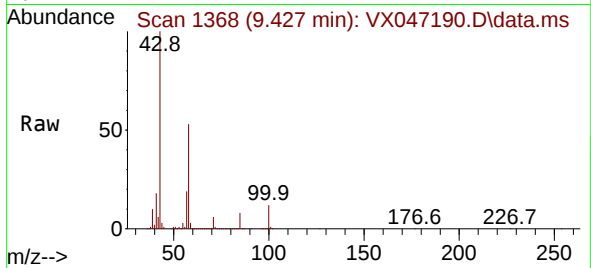
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 278.098 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

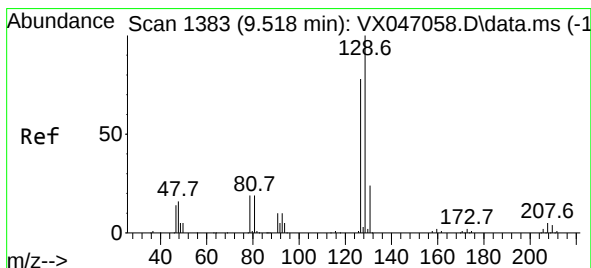
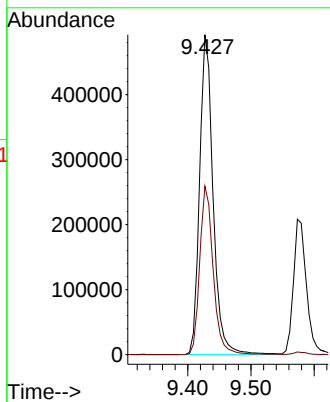
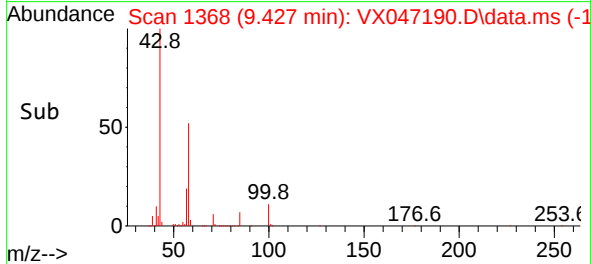
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 729988
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

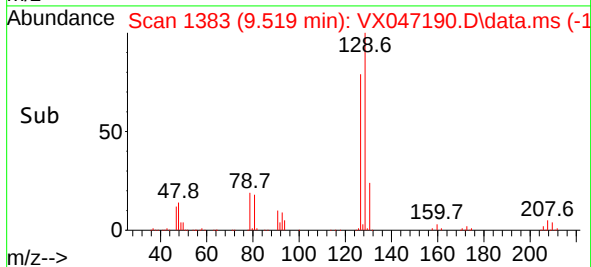
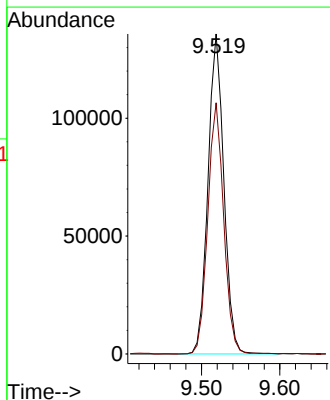
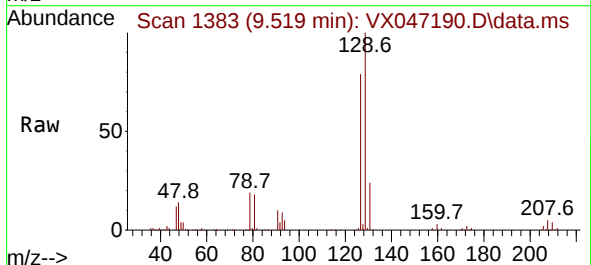
Manual Integrations
APPROVED

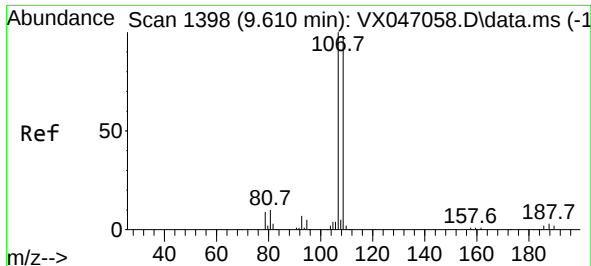
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#60
Dibromochloromethane
Concen: 52.277 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

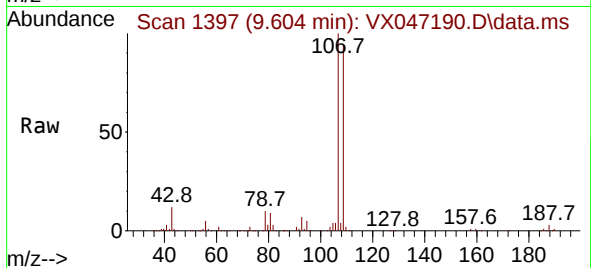
Tgt Ion:129 Resp: 190388
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.567 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

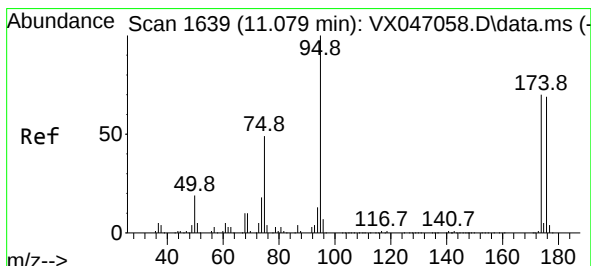
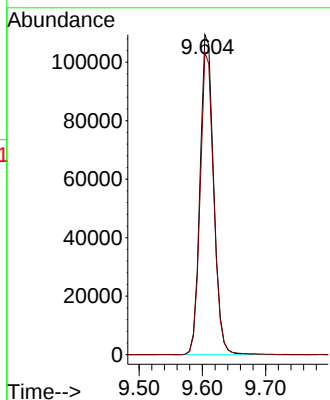
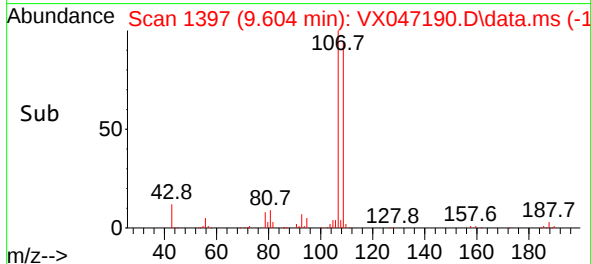
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 164180
Ion Ratio Lower Upper
107 100
109 93.9 74.6 112.0

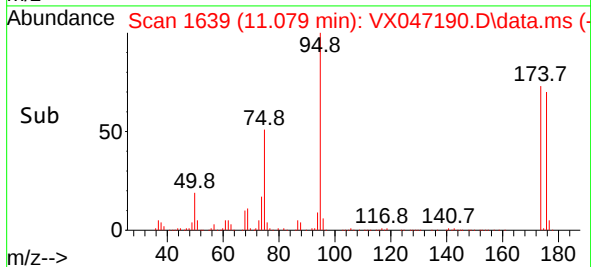
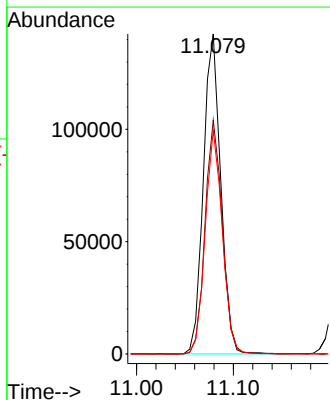
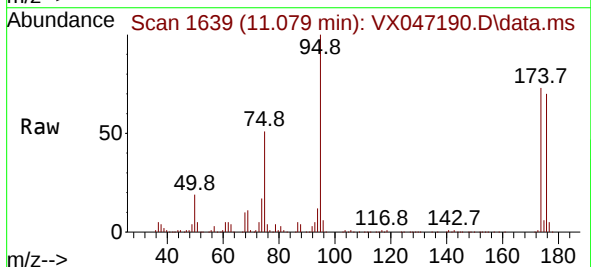
Manual Integrations
APPROVED

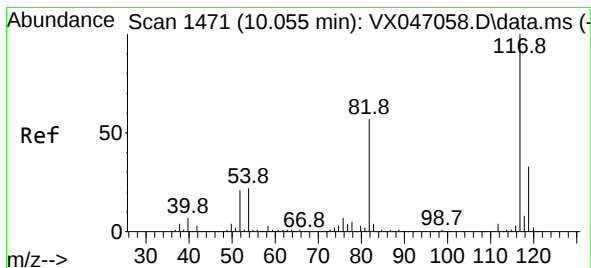
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

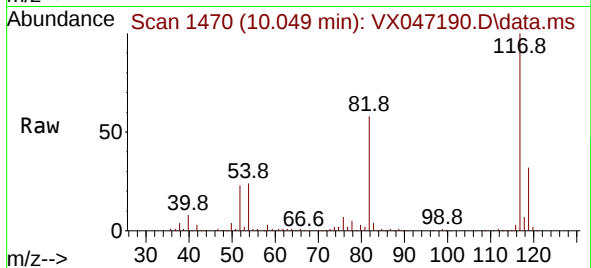
Tgt Ion: 95 Resp: 178524
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 68.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

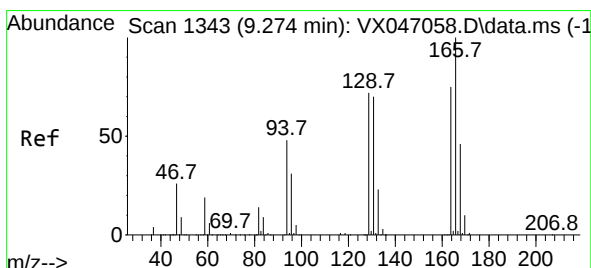
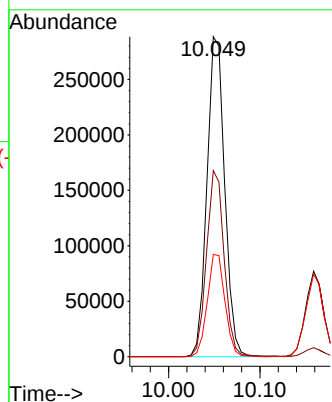
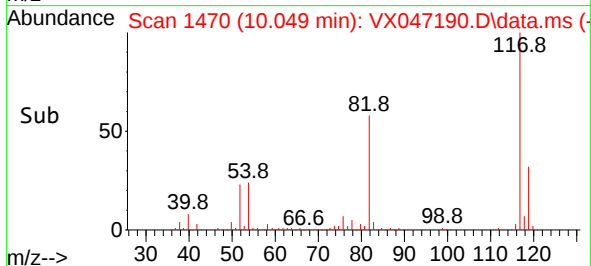
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 387950
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 32.0 26.1 39.1

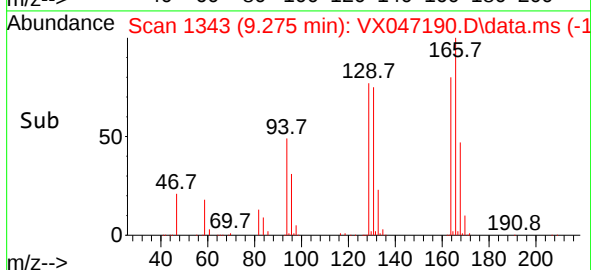
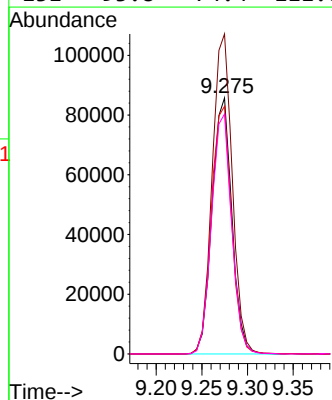
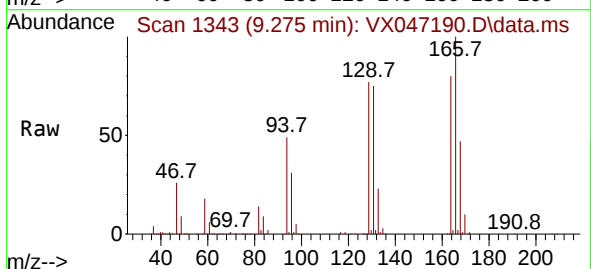
Manual Integrations
APPROVED

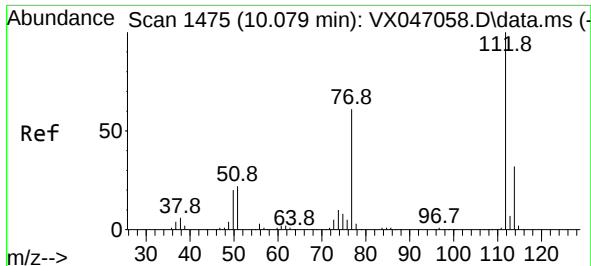
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#64
Tetrachloroethene
Concen: 46.310 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:164 Resp: 129516
Ion Ratio Lower Upper
164 100
166 125.0 106.2 159.4
129 96.7 76.6 114.8
131 93.8 74.4 111.6





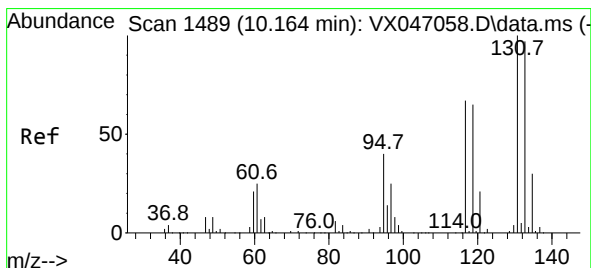
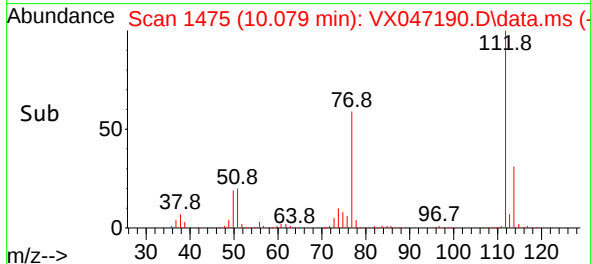
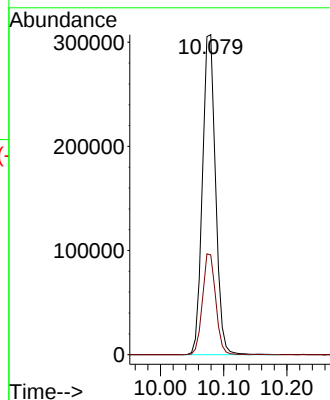
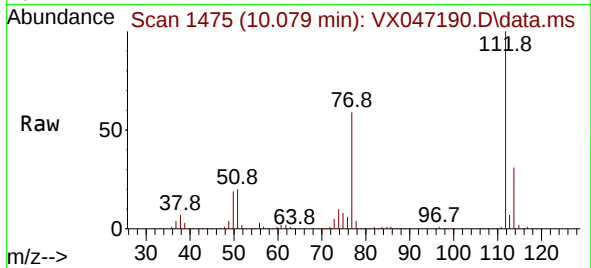
#65
Chlorobenzene
Concen: 48.898 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 444411
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

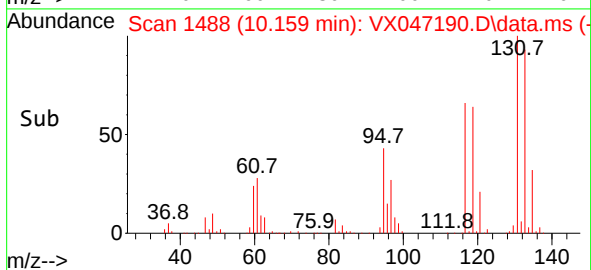
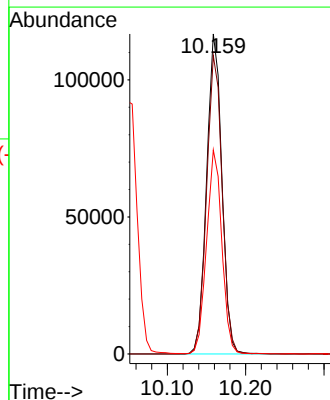
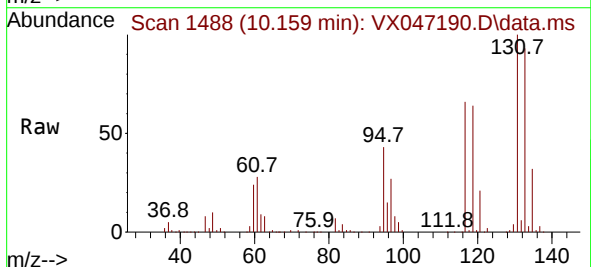
Manual Integrations
APPROVED

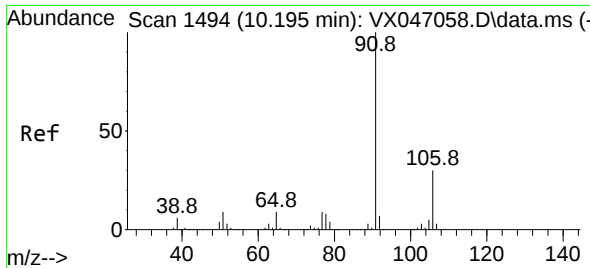
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.420 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

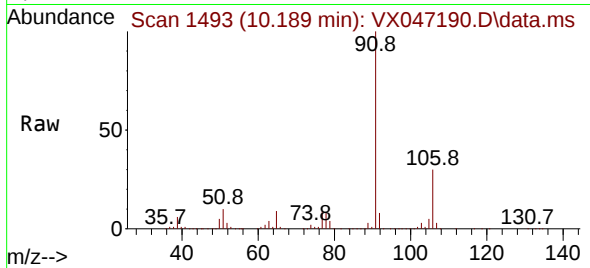
Tgt Ion:131 Resp: 157342
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 64.0 32.4 97.0





#67
Ethyl Benzene
Concen: 48.786 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

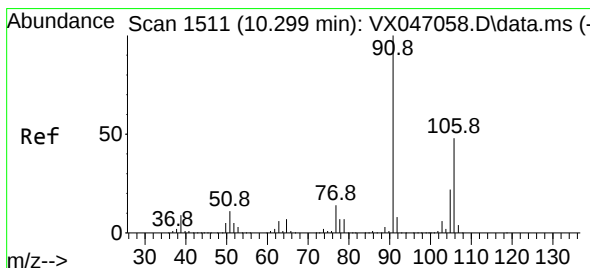
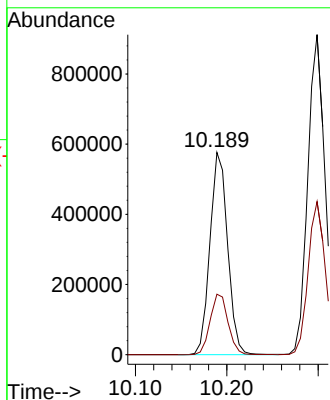
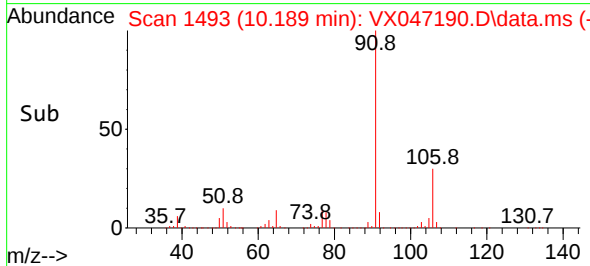
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 775252
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4

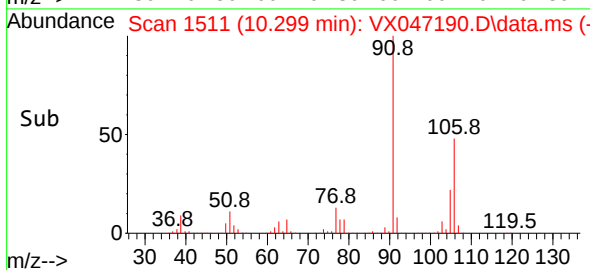
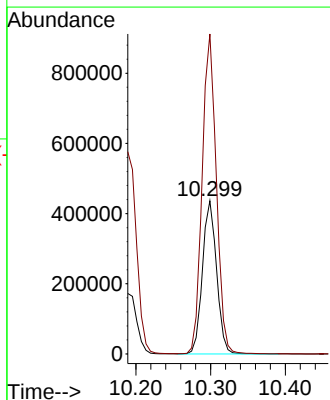
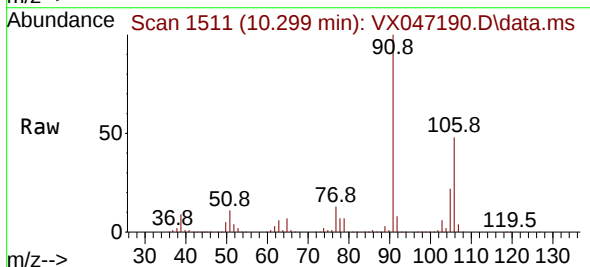
Manual Integrations
APPROVED

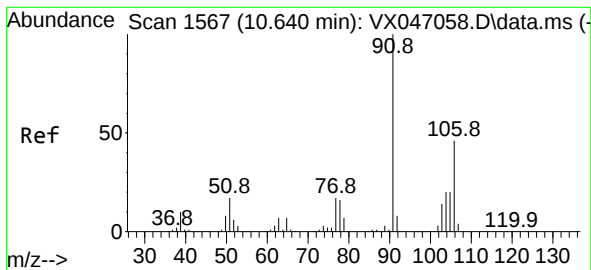
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#68
m/p-Xylenes
Concen: 96.631 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:106 Resp: 574636
Ion Ratio Lower Upper
106 100
91 209.2 167.4 251.0





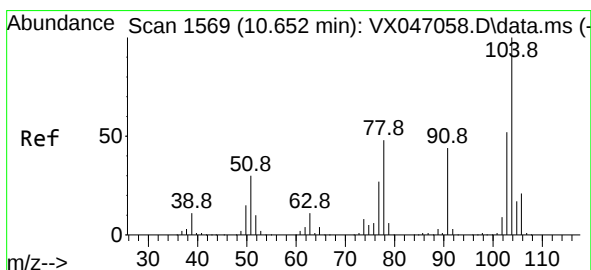
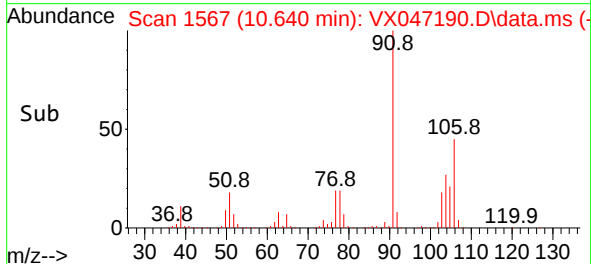
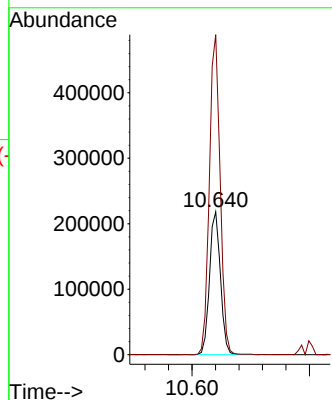
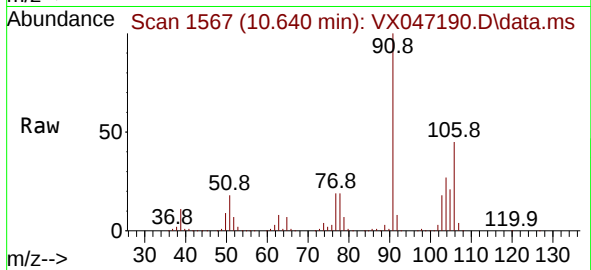
#69
o-Xylene
Concen: 49.708 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 281210
Ion Ratio Lower Upper
106 100
91 221.8 110.3 331.0

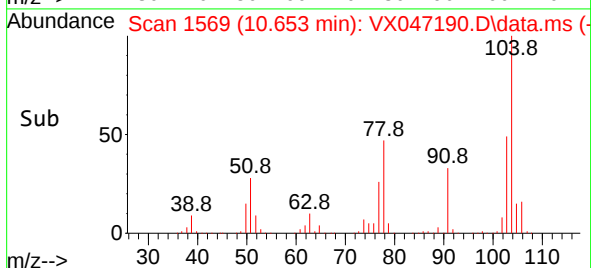
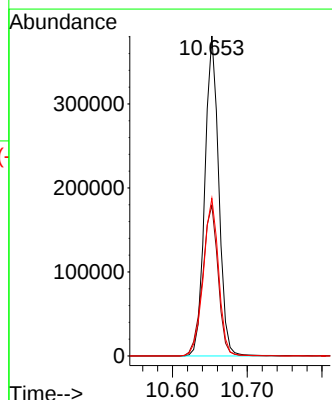
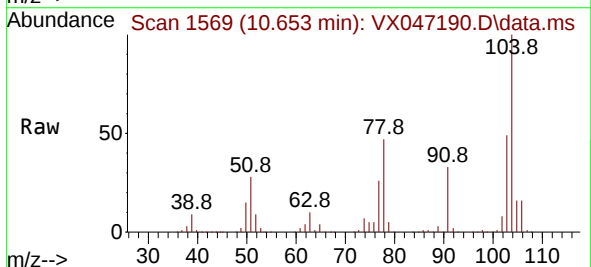
Manual Integrations
APPROVED

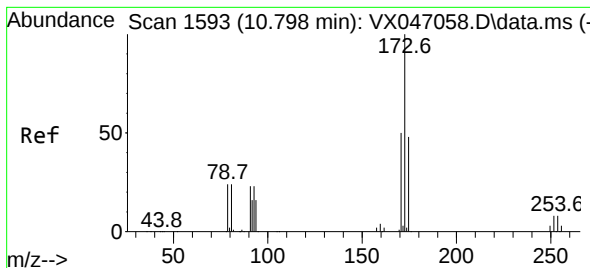
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#70
Styrene
Concen: 50.585 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:104 Resp: 490706
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.0 43.8 65.6





#71

Bromoform

Concen: 53.116 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 12346

Ion Ratio Lower Upper

173 100

175 48.9 24.2 72.6

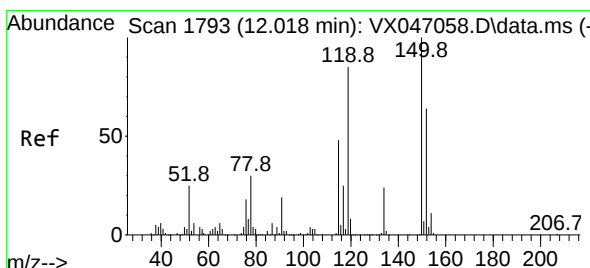
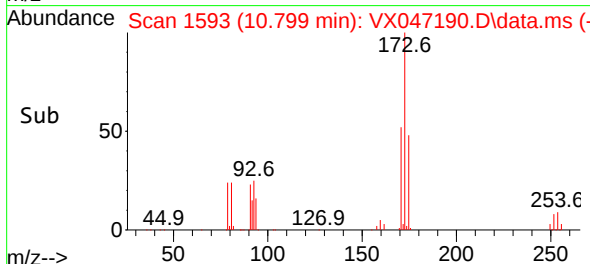
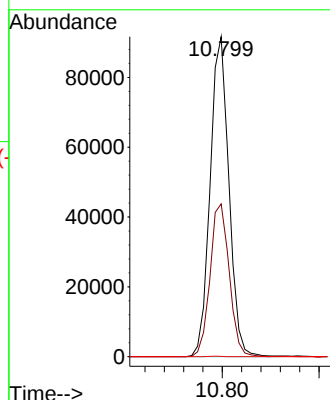
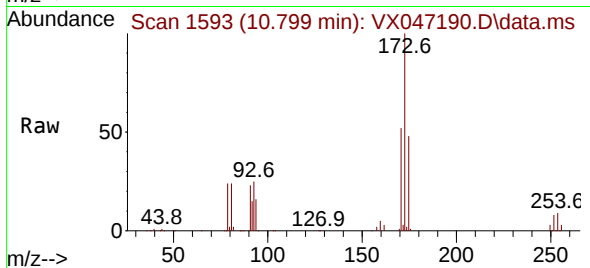
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

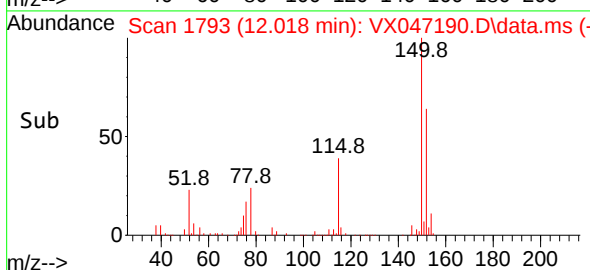
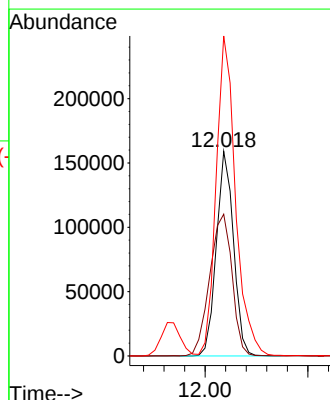
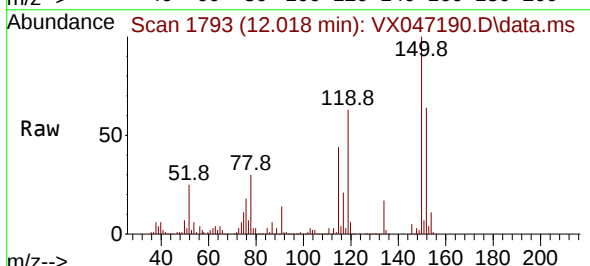
Tgt Ion:152 Resp: 183644

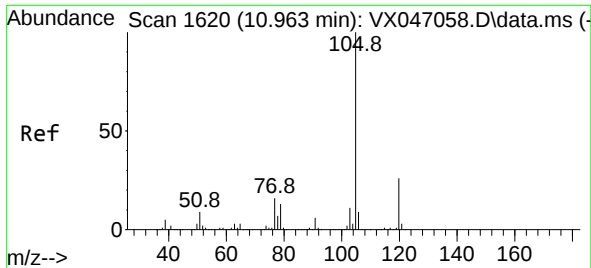
Ion Ratio Lower Upper

152 100

115 90.6 45.6 136.7

150 176.6 0.0 354.6





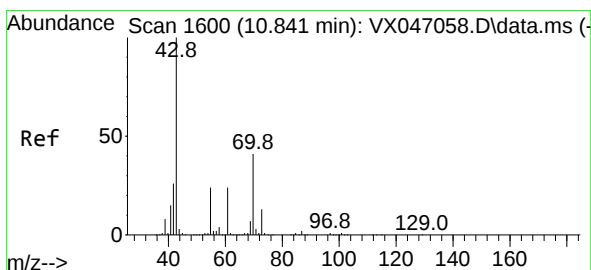
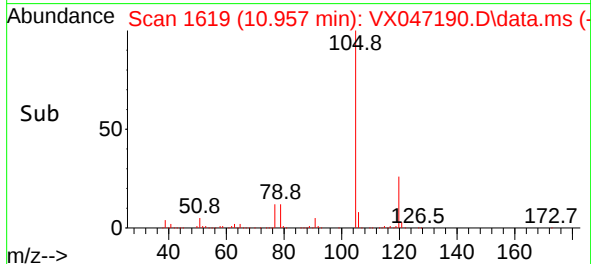
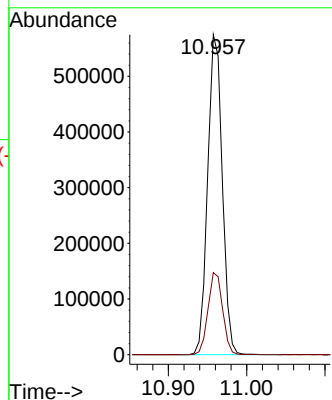
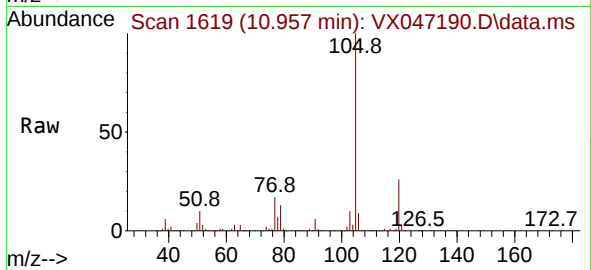
#73
Isopropylbenzene
Concen: 51.252 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 74255
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7

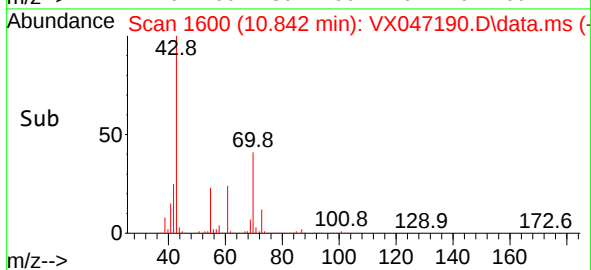
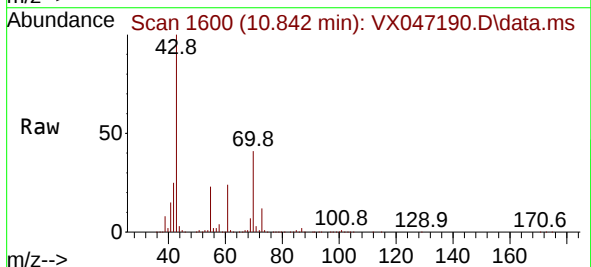
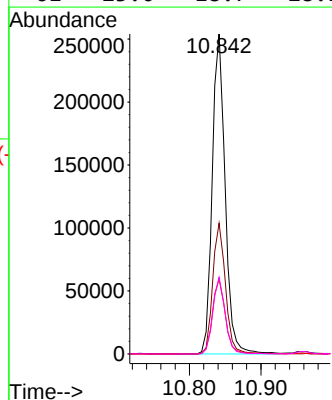
Manual Integrations
APPROVED

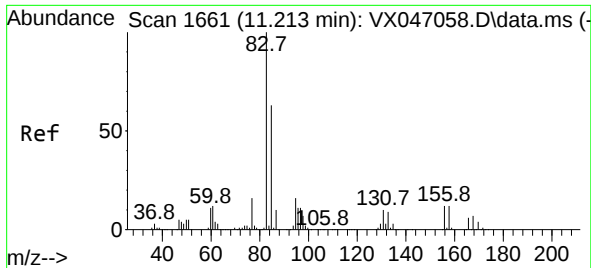
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#74
N-ethyl acetate
Concen: 54.455 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 43 Resp: 318332
Ion Ratio Lower Upper
43 100
70 40.5 32.3 48.5
55 23.5 18.9 28.3
61 23.0 18.7 28.1





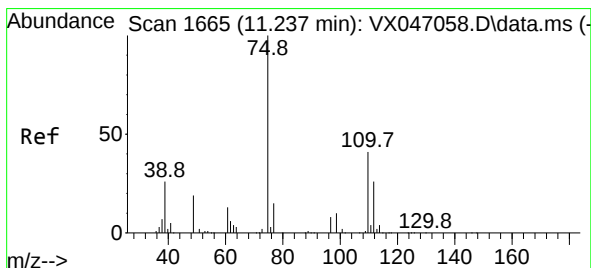
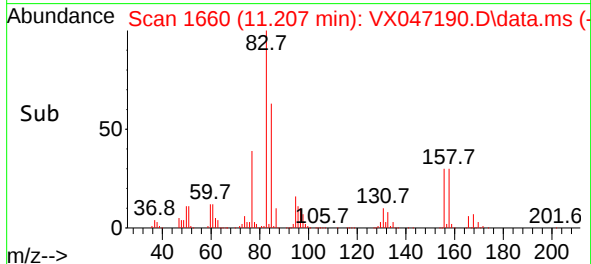
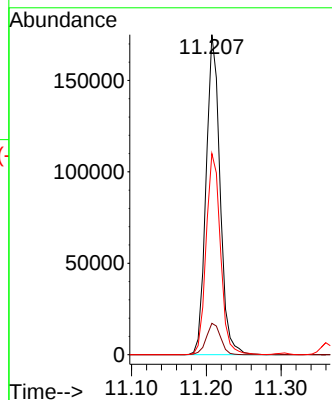
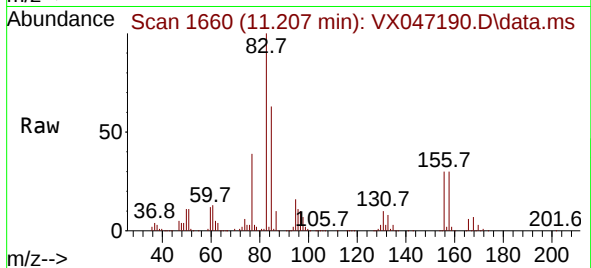
#75
1,1,2,2-Tetrachloroethane
Concen: 54.772 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 226678
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.4 32.0 96.2

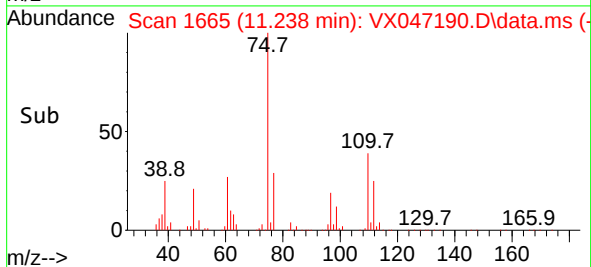
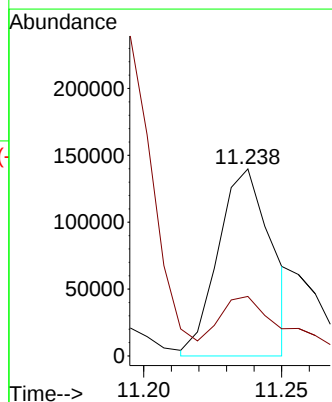
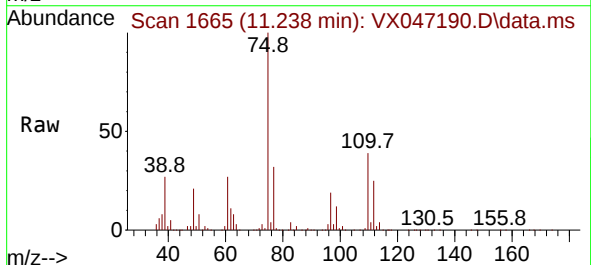
Manual Integrations
APPROVED

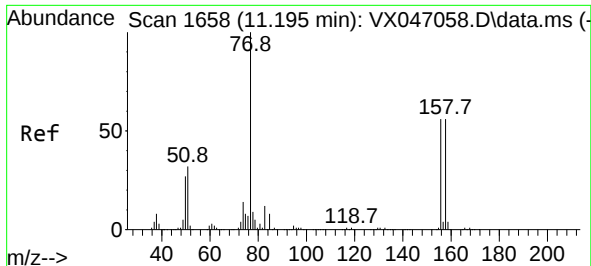
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#76
1,2,3-Trichloropropane
Concen: 55.229 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

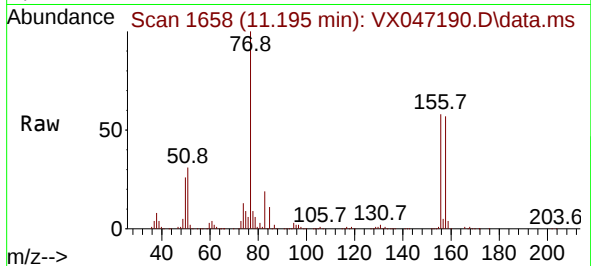
Tgt Ion: 75 Resp: 187731
Ion Ratio Lower Upper
75 100
77 40.3 21.6 65.0





#77
Bromobenzene
Concen: 51.786 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

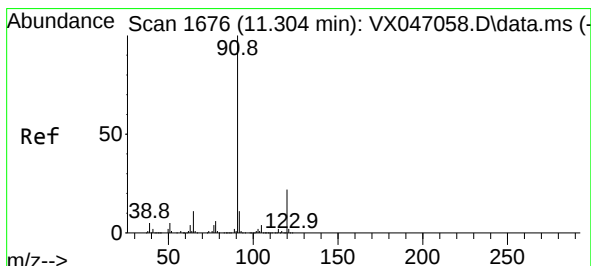
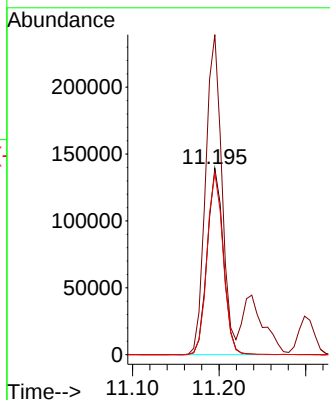
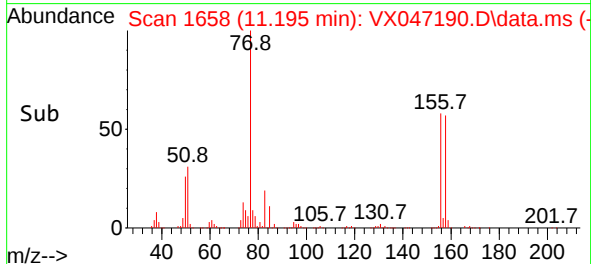
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 179962
Ion Ratio Lower Upper
156 100
77 173.9 87.3 261.9
158 97.7 48.9 146.6

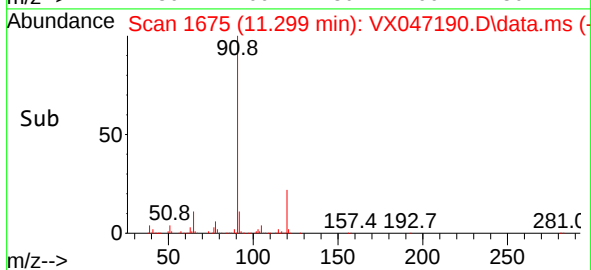
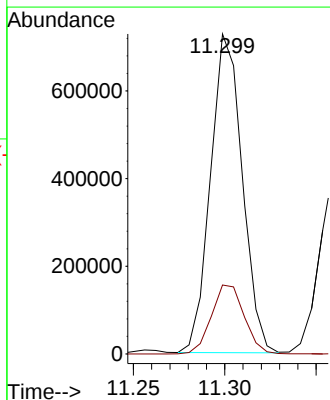
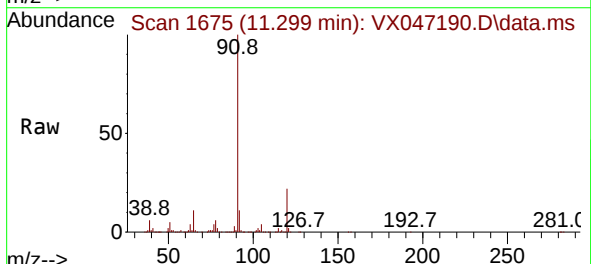
Manual Integrations
APPROVED

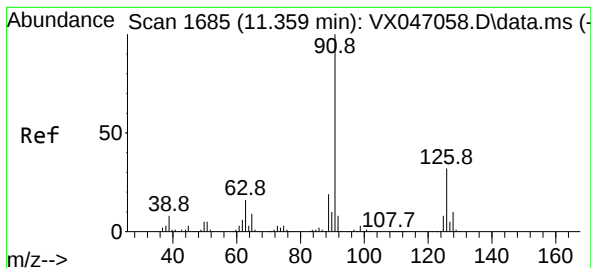
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#78
n-propylbenzene
Concen: 50.839 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion: 91 Resp: 880193
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





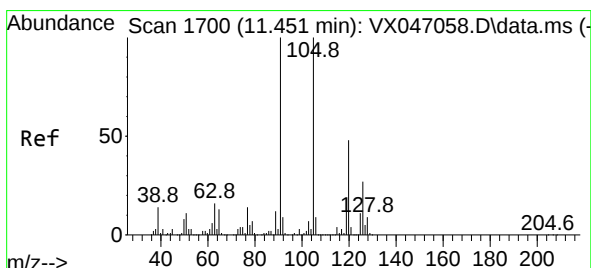
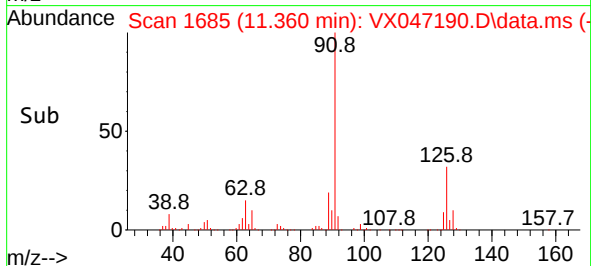
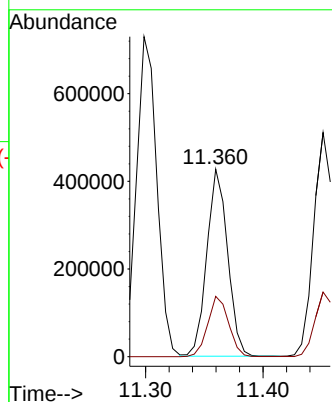
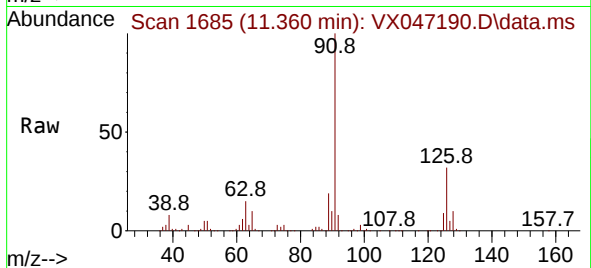
#79
2-Chlorotoluene
Concen: 50.628 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 523970
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

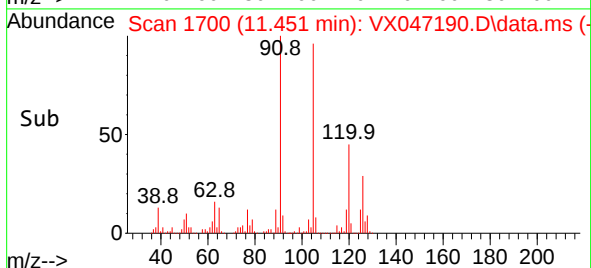
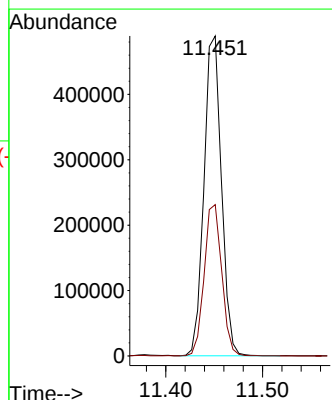
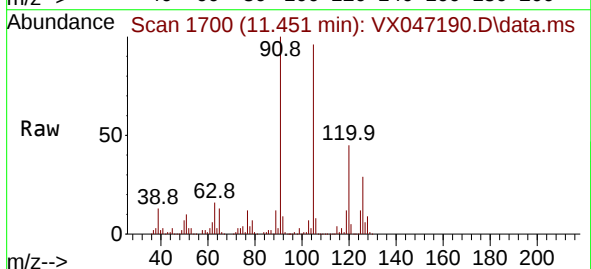
Manual Integrations
APPROVED

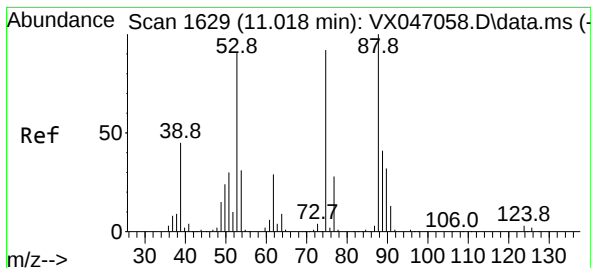
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.364 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

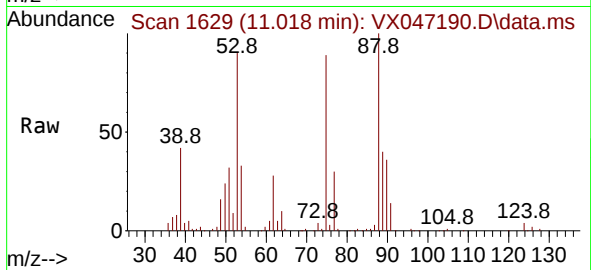
Tgt Ion:105 Resp: 614804
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 43.410 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

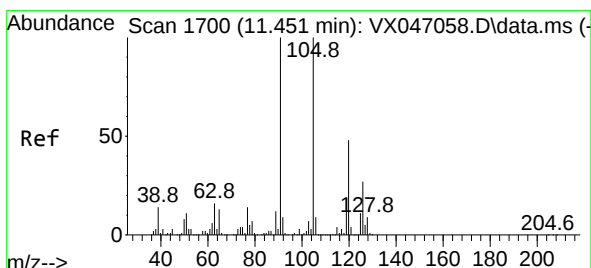
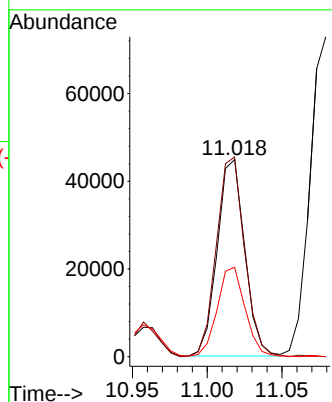
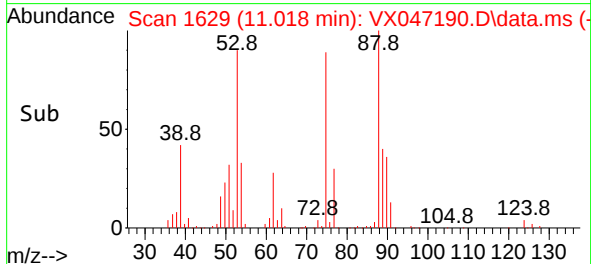
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5727
Ion Ratio Lower Upper
75 100
53 104.1 84.2 126.4
89 46.2 36.0 54.0

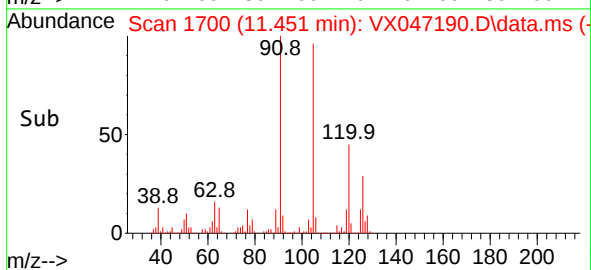
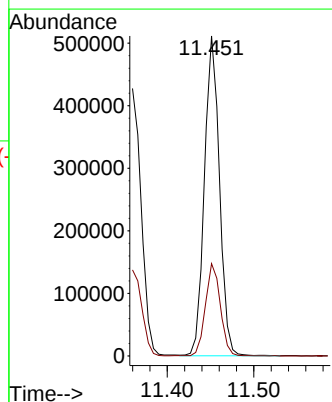
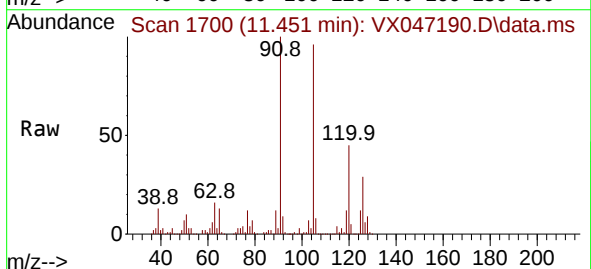
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#82
4-Chlorotoluene
Concen: 50.967 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

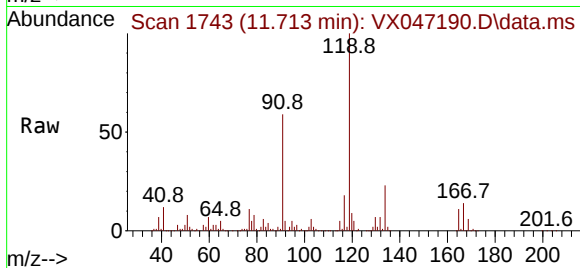
Tgt Ion: 91 Resp: 615688
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.3





#83
tert-Butylbenzene
Concen: 52.127 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

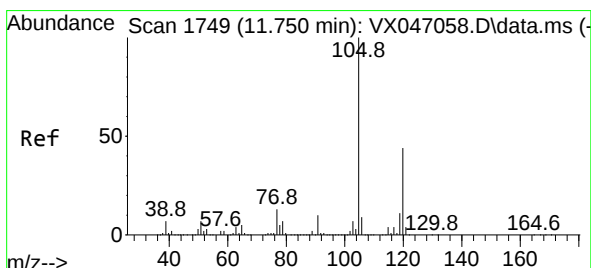
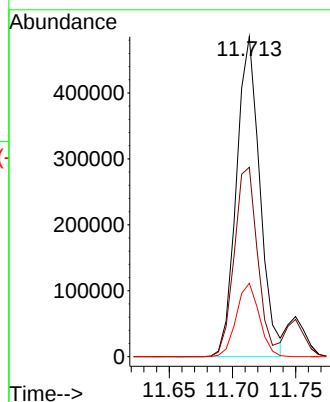
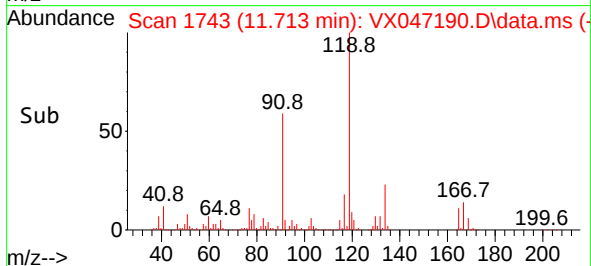
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



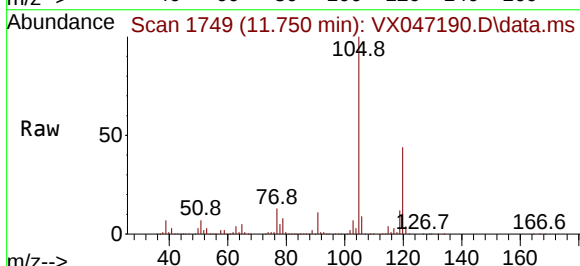
Tgt Ion:119 Resp: 62624
Ion Ratio Lower Upper
119 100
91 58.6 29.6 88.8
134 22.5 11.4 34.1

Manual Integrations
APPROVED

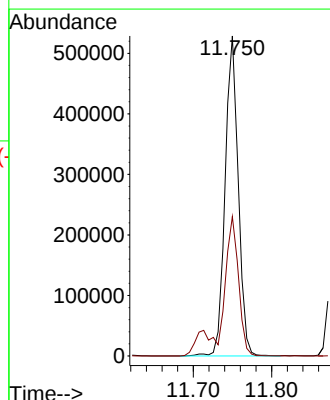
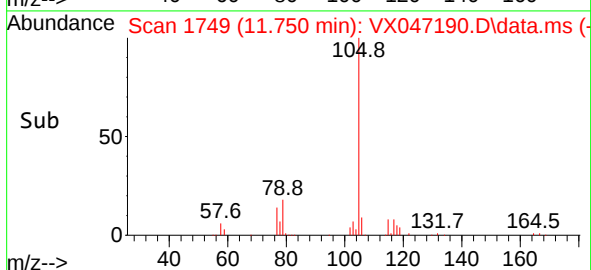
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

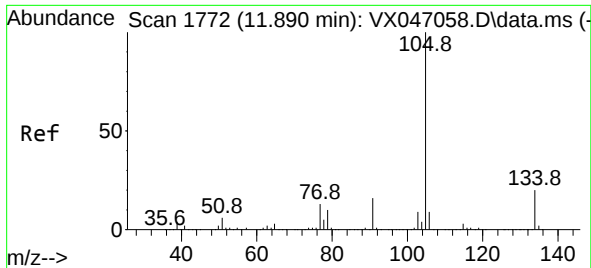


#84
1,2,4-Trimethylbenzene
Concen: 51.658 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52



Tgt Ion:105 Resp: 616739
Ion Ratio Lower Upper
105 100
120 42.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.318 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047190.D
 Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

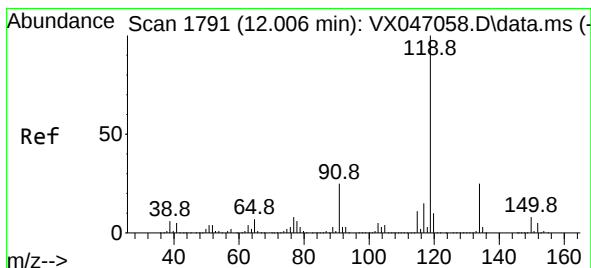
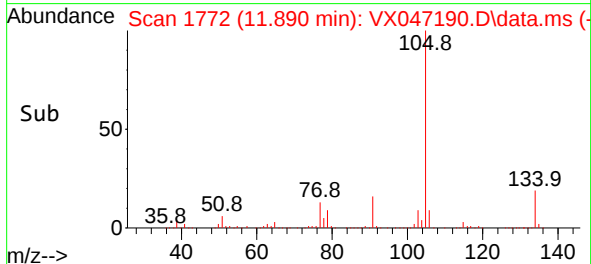
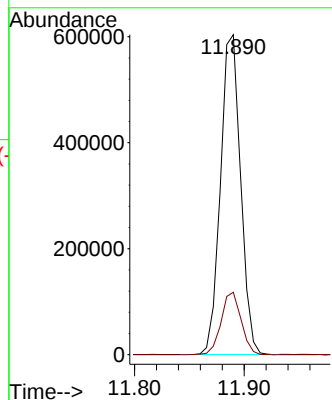
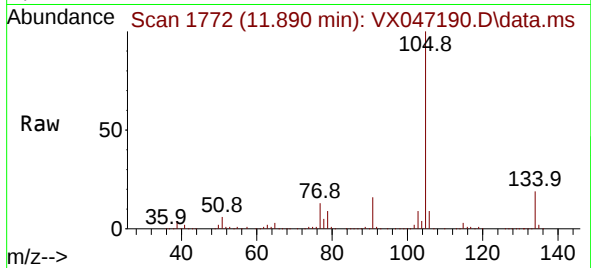
VSTDCCC050

Tgt Ion:105 Resp: 770333
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

Manual Integrations

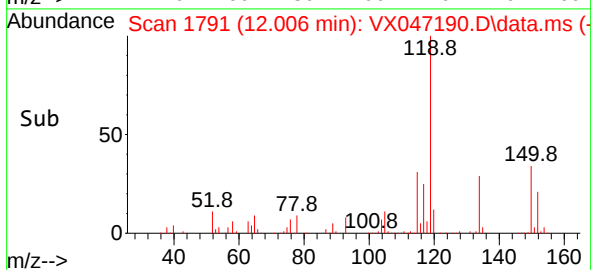
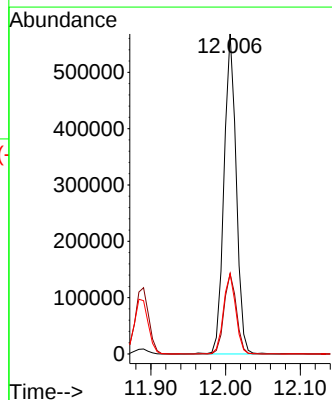
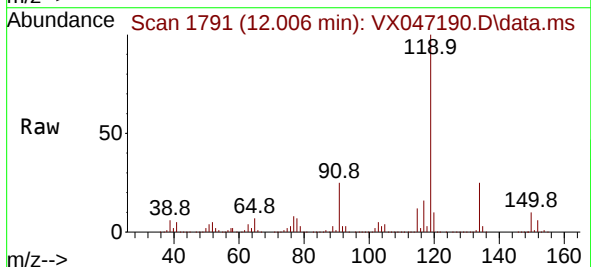
APPROVED

Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#86
 p-Isopropyltoluene
 Concen: 51.991 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047190.D
 Acq: 31 Jul 2025 09:52

Tgt Ion:119 Resp: 647182
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.569 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 333902

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

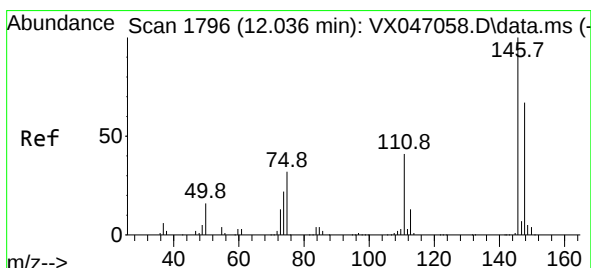
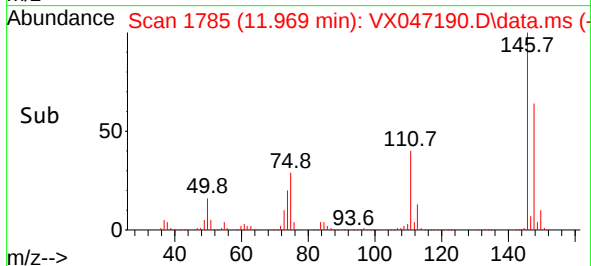
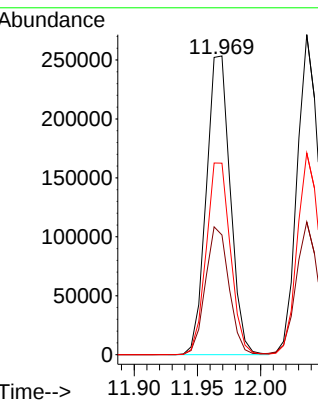
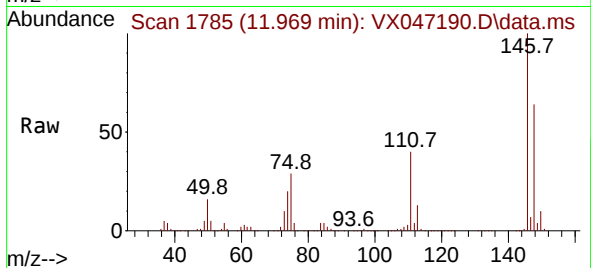
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#88

1,4-Dichlorobenzene

Concen: 49.265 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

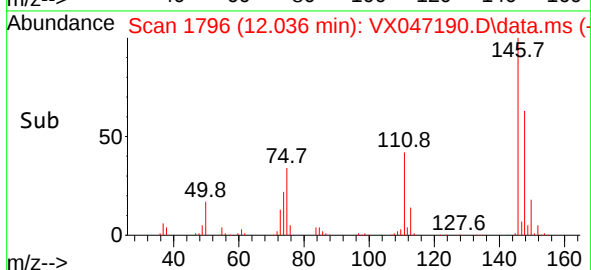
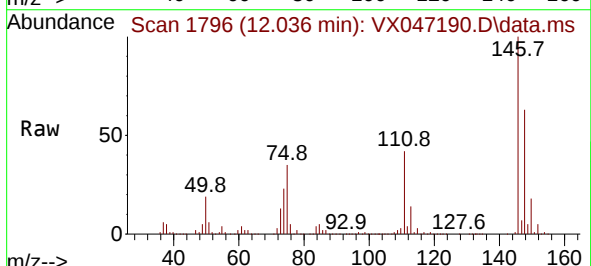
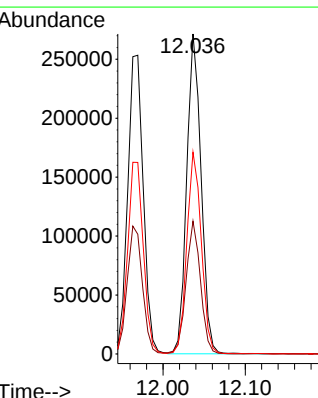
Tgt Ion:146 Resp: 329565

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

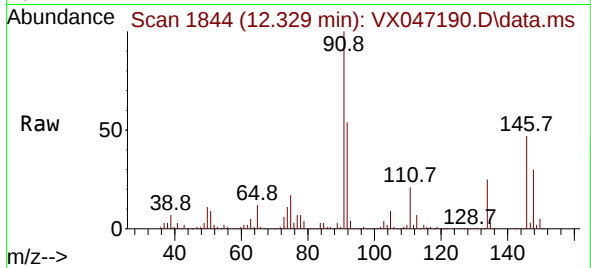
148 63.4 33.0 98.9





#89
n-Butylbenzene
Concen: 52.423 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

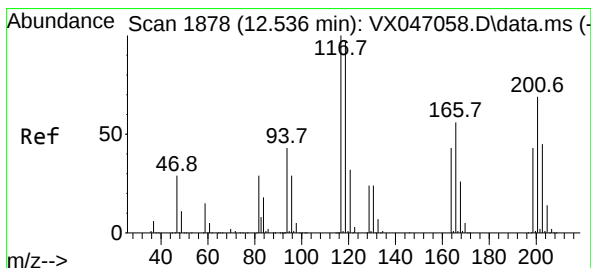
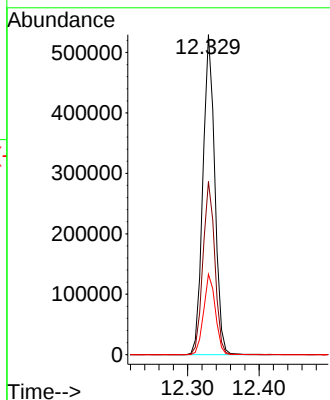
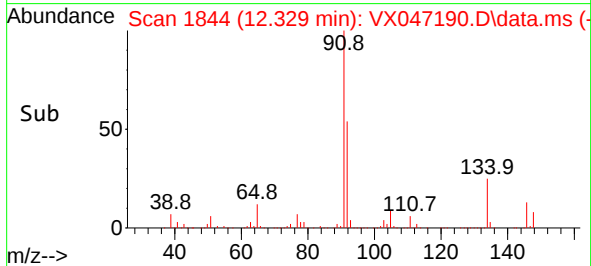
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 611968
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.0 12.8 38.3

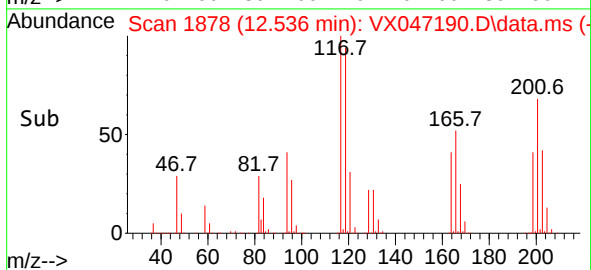
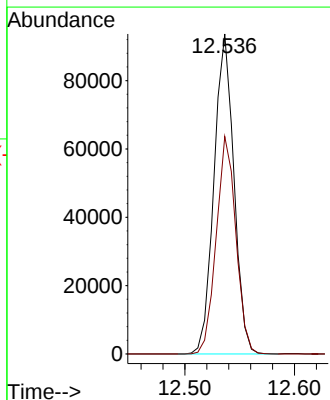
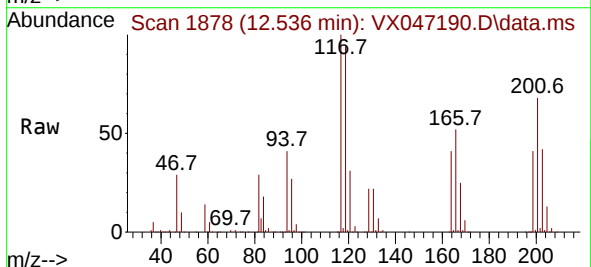
Manual Integrations
APPROVED

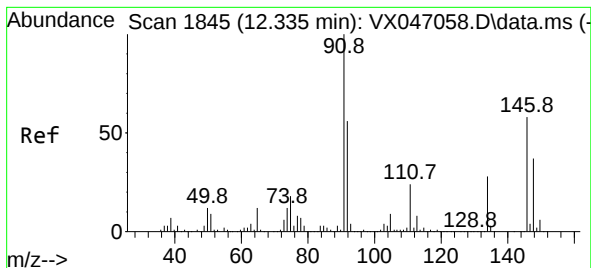
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#90
Hexachloroethane
Concen: 53.055 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:117 Resp: 118148
Ion Ratio Lower Upper
117 100
201 67.2 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 50.896 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 32119

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

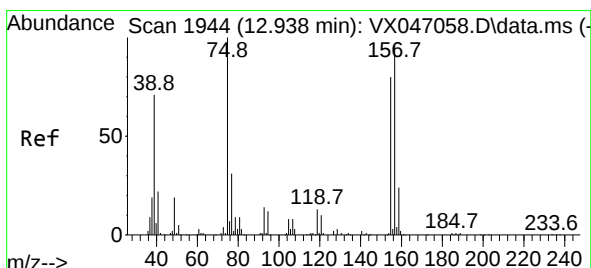
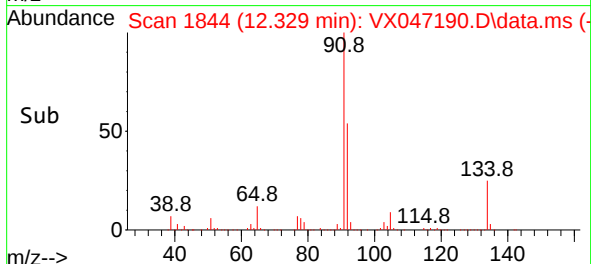
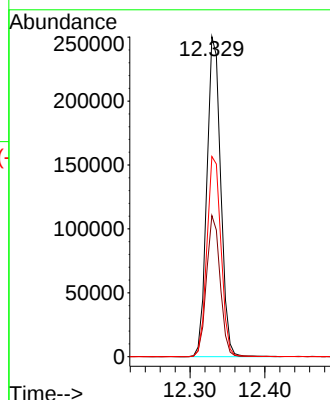
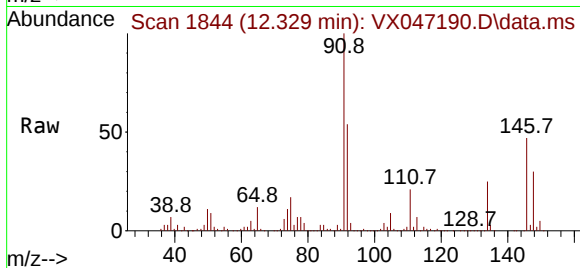
148 63.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.369 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047190.D

Acq: 31 Jul 2025 09:52

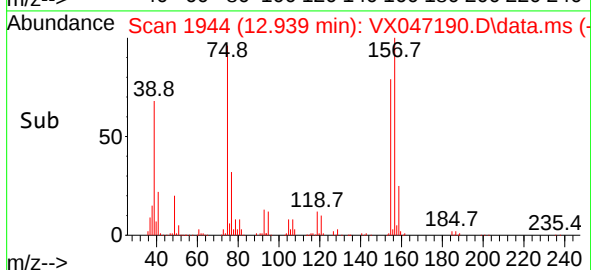
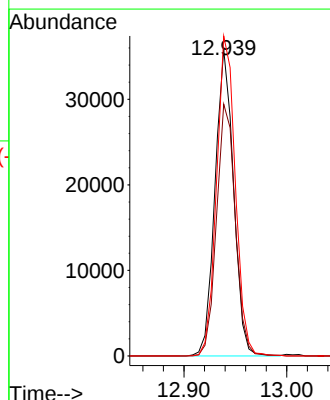
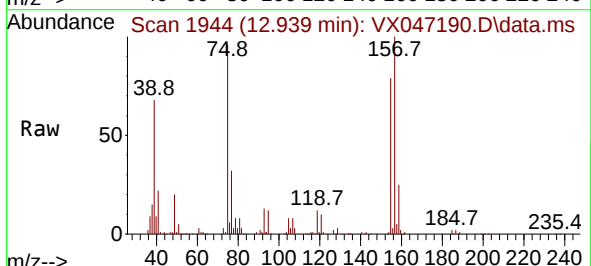
Tgt Ion: 75 Resp: 44780

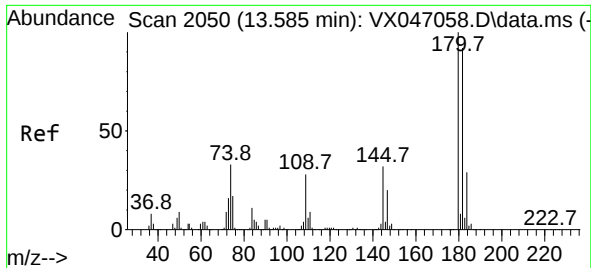
Ion Ratio Lower Upper

75 100

155 83.2 41.3 124.1

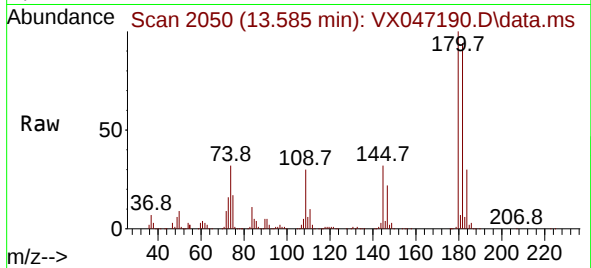
157 105.5 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 52.213 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

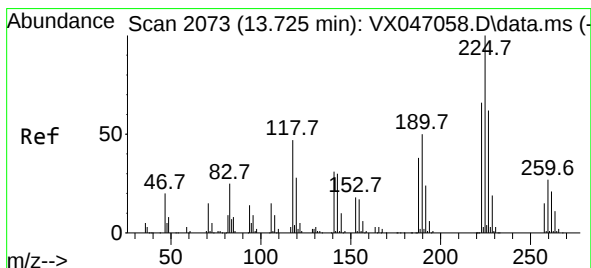
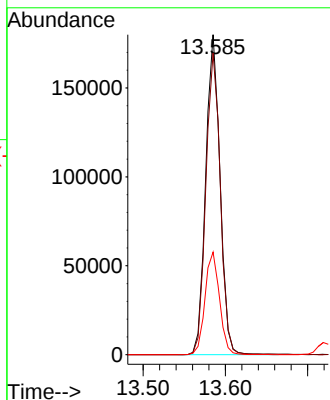
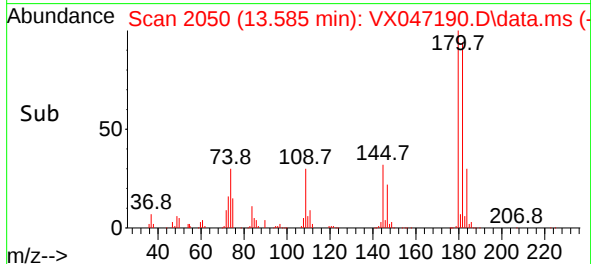
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 217704
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 32.5 16.4 49.1

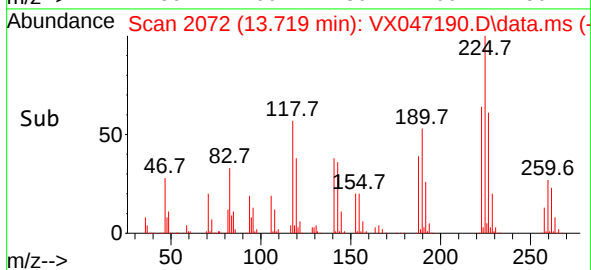
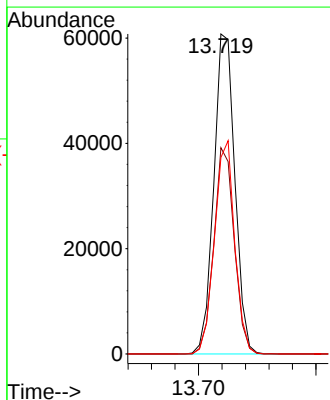
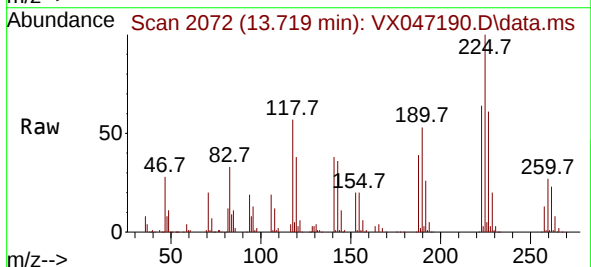
Manual Integrations
APPROVED

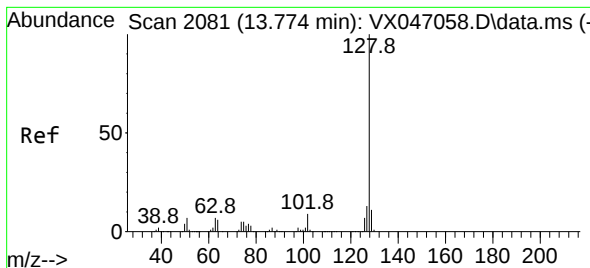
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#94
Hexachlorobutadiene
Concen: 53.397 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

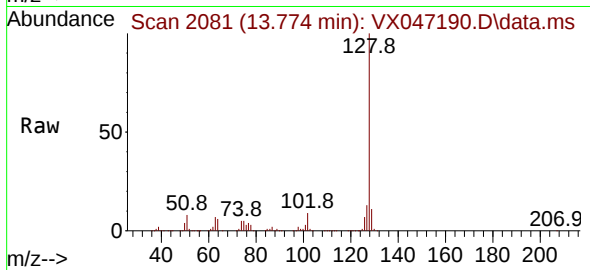
Tgt Ion:225 Resp: 75718
Ion Ratio Lower Upper
225 100
223 62.5 31.6 95.0
227 63.9 32.9 98.6





#95
Naphthalene
Concen: 55.120 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

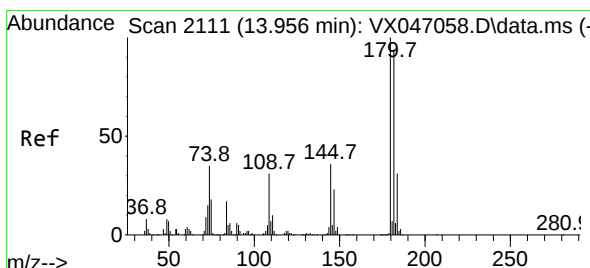
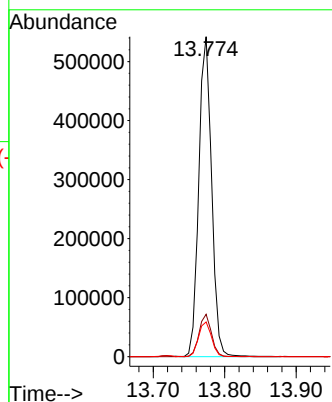
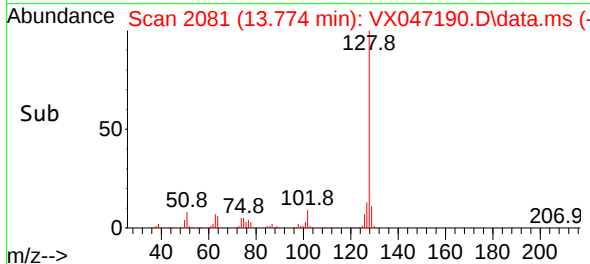
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 673748
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.952 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047190.D
Acq: 31 Jul 2025 09:52

Tgt Ion:180 Resp: 208683
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 35.1 17.3 52.0

