

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031758.D
 Acq On : 03 Jul 2025 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 04:49:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	237806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	412930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	369107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177341	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	165639	48.535	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.060%
35) Dibromofluoromethane	7.898	113	134128	49.778	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.560%
50) Toluene-d8	10.325	98	510305	50.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.617	95	189828	51.442	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	68646	42.386	ug/l	94
3) Chloromethane	2.253	50	96954	49.656	ug/l	98
4) Vinyl Chloride	2.405	62	128206	49.956	ug/l	99
5) Bromomethane	2.826	94	97591	48.685	ug/l	90
6) Chloroethane	2.966	64	84669	48.570	ug/l	98
7) Trichlorofluoromethane	3.301	101	111985	48.048	ug/l	93
8) Diethyl Ether	3.722	74	84604	47.771	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	124131	47.983	ug/l	97
10) Methyl Iodide	4.307	142	202642	50.811	ug/l	100
11) Tert butyl alcohol	5.216	59	55902	264.397	ug/l	97
12) 1,1-Dichloroethene	4.070	96	140775	49.681	ug/l	94
13) Acrolein	3.929	56	81714	215.030	ug/l	97
14) Allyl chloride	4.704	41	226723	52.149	ug/l	98
15) Acrylonitrile	5.399	53	229907	263.983	ug/l	100
16) Acetone	4.155	43	207080	245.490	ug/l	99
17) Carbon Disulfide	4.417	76	379825	50.092	ug/l	98
18) Methyl Acetate	4.704	43	127141	52.738	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	264885	55.076	ug/l	99
20) Methylene Chloride	4.947	84	167433	49.759	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	153515	50.987	ug/l	94
22) Diisopropyl ether	6.338	45	452069	53.315	ug/l	100
23) Vinyl Acetate	6.277	43	1588777	274.323	ug/l	98
24) 1,1-Dichloroethane	6.240	63	281516	51.210	ug/l	98
25) 2-Butanone	7.185	43	309118	281.678	ug/l	96
26) 2,2-Dichloropropane	7.185	77	165466	51.589	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	179991	52.006	ug/l	99
28) Bromochloromethane	7.526	49	117924	48.611	ug/l #	12
29) Tetrahydrofuran	7.551	42	207045	275.494	ug/l	99
30) Chloroform	7.691	83	292881	50.139	ug/l	92
31) Cyclohexane	7.965	56	230535	47.442	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	229430	50.967	ug/l	99
36) 1,1-Dichloropropene	8.093	75	205290	52.650	ug/l	98
37) Ethyl Acetate	7.270	43	135718	55.177	ug/l	98
38) Carbon Tetrachloride	8.075	117	212284	53.427	ug/l	94
39) Methylcyclohexane	9.337	83	258198	53.224	ug/l	99
40) Benzene	8.331	78	616200	53.415	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	77913	59.131	ug/l	99
42) 1,2-Dichloroethane	8.410	62	206803	53.055	ug/l	99
43) Isopropyl Acetate	8.435	43	241970	57.069	ug/l	100
44) Trichloroethene	9.099	130	150162	52.153	ug/l	98
45) 1,2-Dichloropropane	9.374	63	147895	53.045	ug/l	96
46) Dibromomethane	9.465	93	98255	54.586	ug/l	98
47) Bromodichloromethane	9.648	83	227228	53.833	ug/l	100
48) Methyl methacrylate	9.441	41	126360	60.610	ug/l	92
49) 1,4-Dioxane	9.465	88	20621	978.139	ug/l #	87
51) 4-Methyl-2-Pentanone	10.209	43	688469	282.440	ug/l	100
52) Toluene	10.386	92	396483	53.680	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	219704	55.476	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	246950	55.005	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	126491	53.646	ug/l	95
56) Ethyl methacrylate	10.648	69	185375	57.951	ug/l	98
57) 1,3-Dichloropropane	10.934	76	226283	54.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	480650	272.874	ug/l	98
59) 2-Hexanone	10.965	43	488457	295.712	ug/l	99
60) Dibromochloromethane	11.129	129	156333	55.445	ug/l	100
61) 1,2-Dibromoethane	11.233	107	126970	53.791	ug/l	98
64) Tetrachloroethene	10.861	164	124089	51.396	ug/l	94
65) Chlorobenzene	11.654	112	433941	53.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	144690	55.754	ug/l	97
67) Ethyl Benzene	11.727	91	764020	54.103	ug/l	99
68) m/p-Xylenes	11.836	106	575494	106.012	ug/l	99
69) o-Xylene	12.166	106	282356	56.176	ug/l	96
70) Styrene	12.178	104	476391	54.825	ug/l	99
71) Bromoform	12.349	173	86862	56.107	ug/l #	98
73) Isopropylbenzene	12.458	105	718531	53.266	ug/l	100
74) N-amyl acetate	12.269	43	208344	57.302	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	160786	53.688	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	120606m	52.626	ug/l	
77) Bromobenzene	12.745	156	160143	53.228	ug/l	90
78) n-propylbenzene	12.800	91	859754	53.224	ug/l	99
79) 2-Chlorotoluene	12.891	91	520448	53.505	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	605160	54.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	54972	55.869	ug/l	99
82) 4-Chlorotoluene	12.983	91	534185	52.308	ug/l	99
83) tert-Butylbenzene	13.202	119	526804	55.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	597874	52.846	ug/l	99
85) sec-Butylbenzene	13.379	105	746971	52.031	ug/l	99
86) p-Isopropyltoluene	13.489	119	626275	52.932	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	308784	51.177	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	314998	51.006	ug/l	97
89) n-Butylbenzene	13.818	91	607914	52.882	ug/l	100
90) Hexachloroethane	14.086	117	108832	50.987	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	286378	51.930	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	31352	53.615	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	180003	52.926	ug/l	98
94) Hexachlorobutadiene	15.226	225	90965	55.390	ug/l	88
95) Naphthalene	15.360	128	458625	55.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	166380	53.241	ug/l	99

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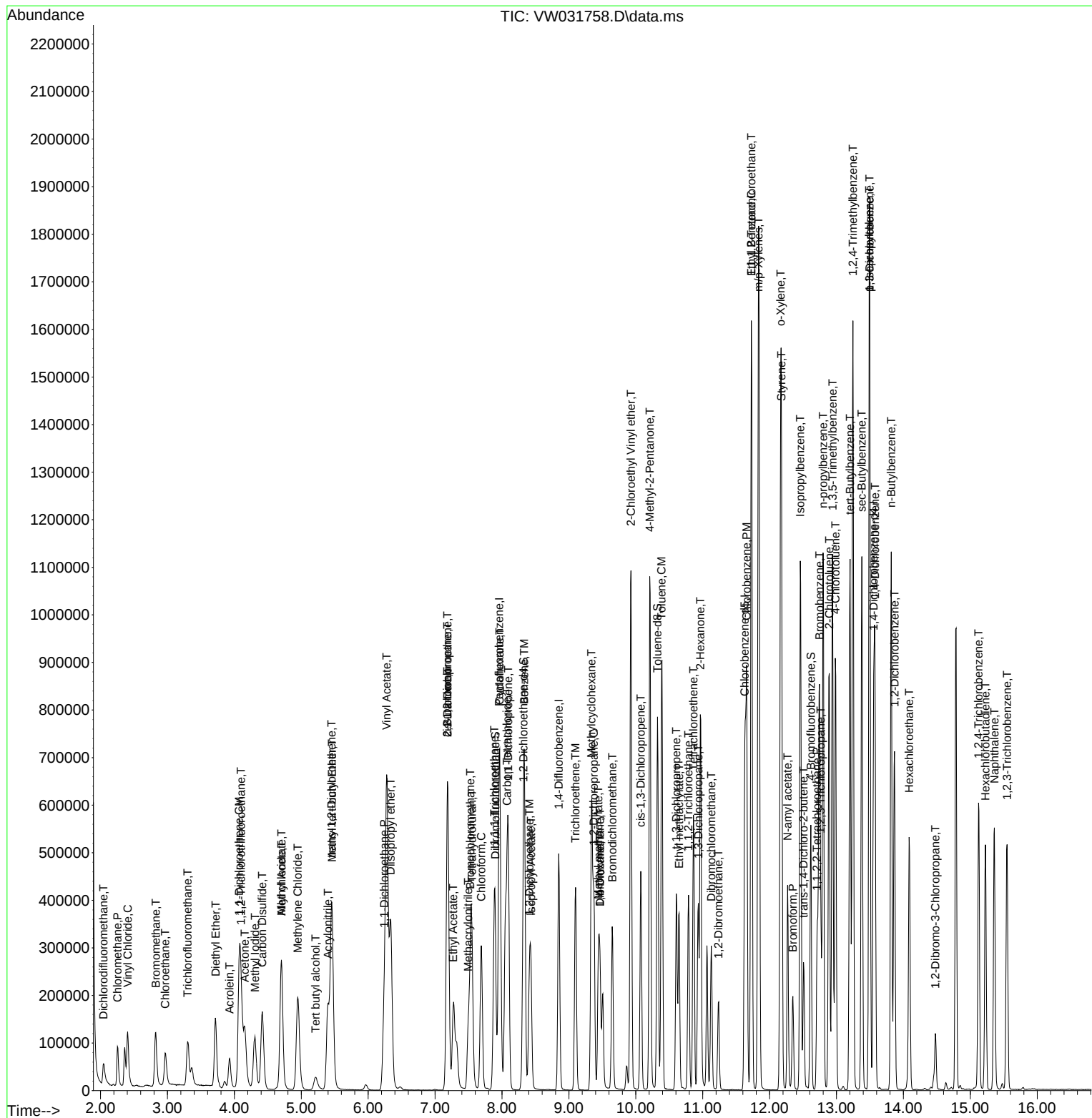
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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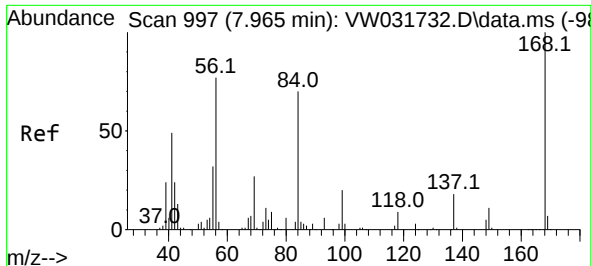
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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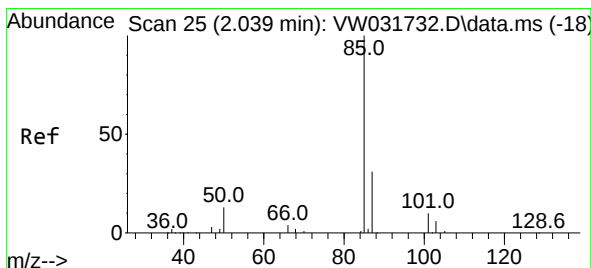
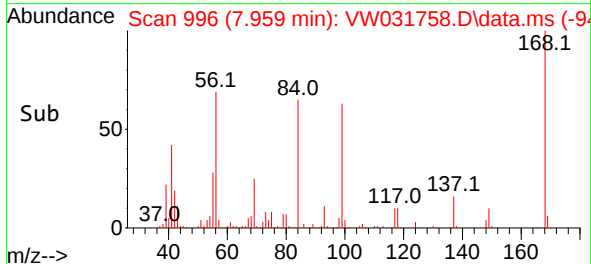
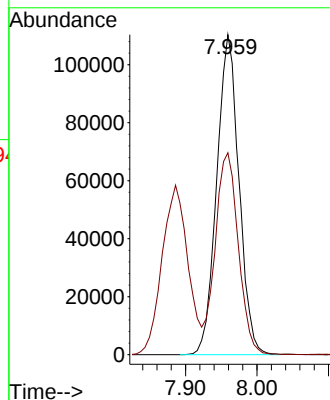
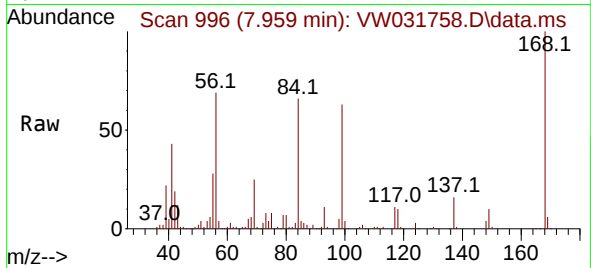




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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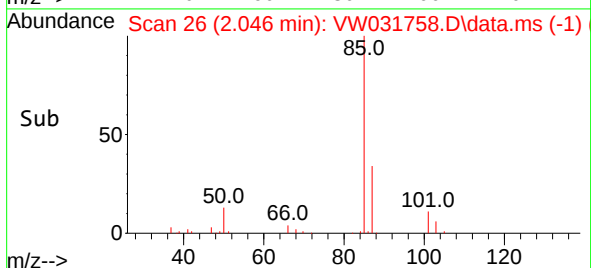
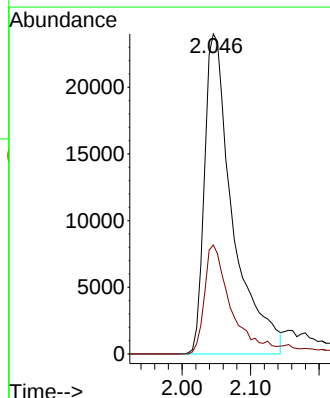
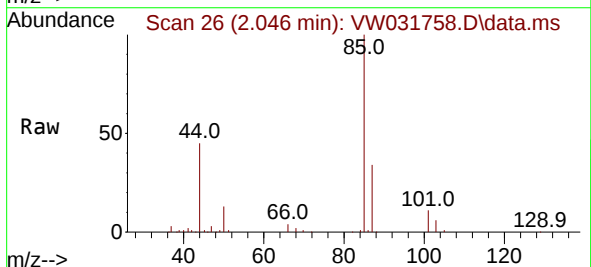
Instrument :
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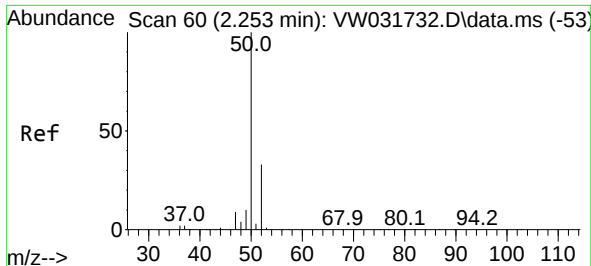
Tgt Ion:168 Resp: 237806
Ion Ratio Lower Upper
168 100
99 63.0 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 42.386 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 85 Resp: 68646
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.2

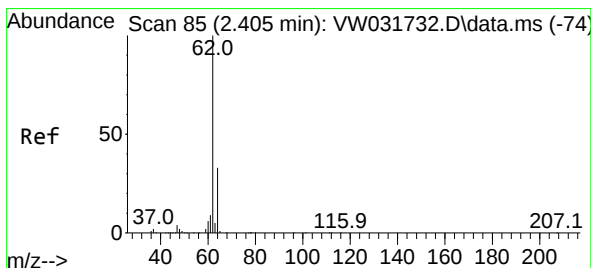
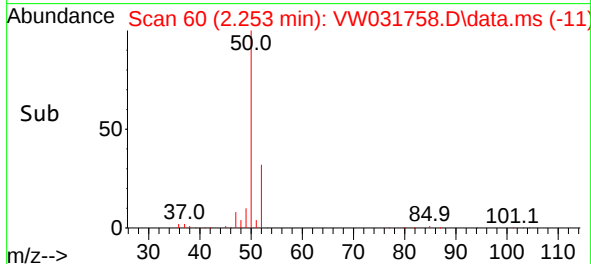
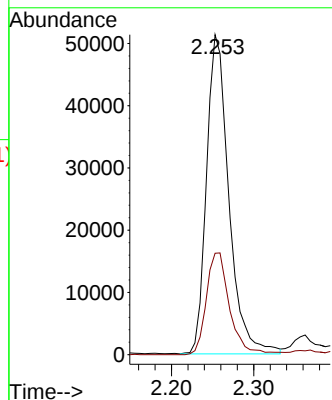
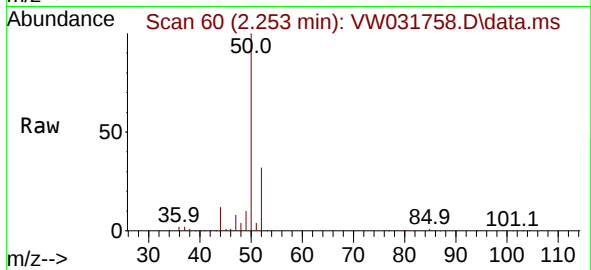




#3
Chloromethane
Concen: 49.656 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

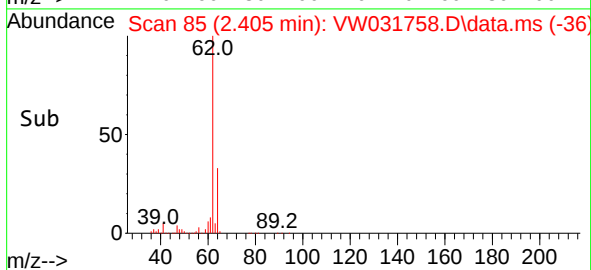
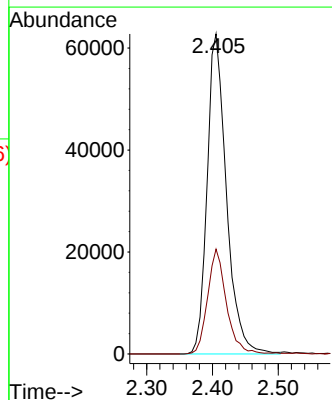
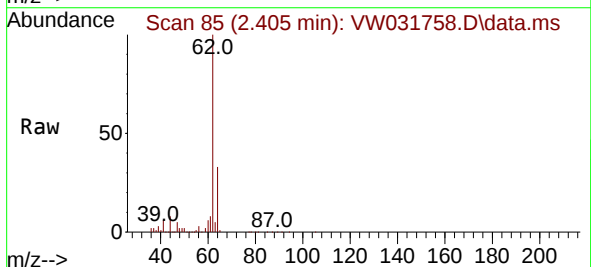
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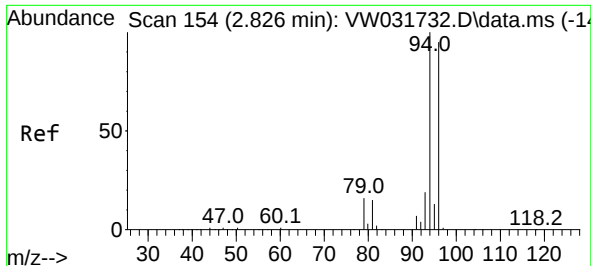
Tgt Ion: 50 Resp: 96954
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 49.956 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 62 Resp: 128206
Ion Ratio Lower Upper
62 100
64 32.8 26.8 40.2

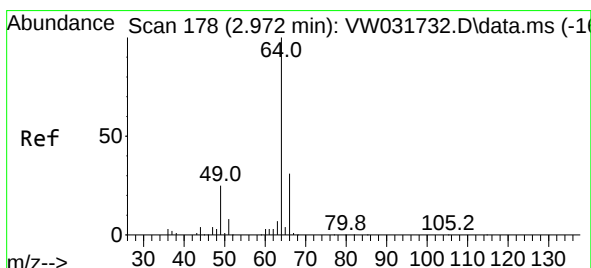
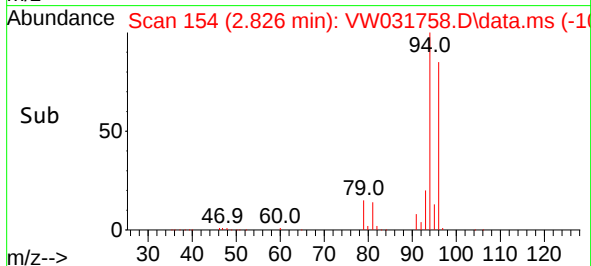
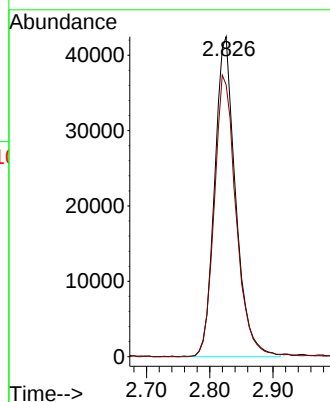
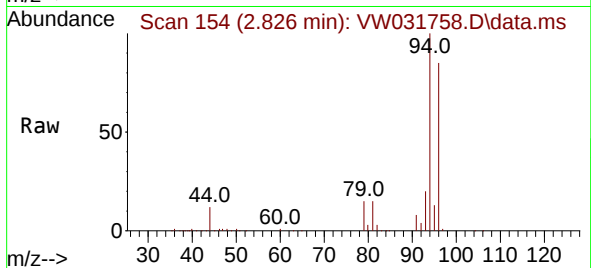




#5
Bromomethane
Concen: 48.685 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031758.D
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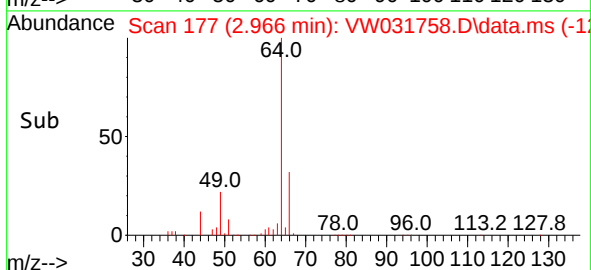
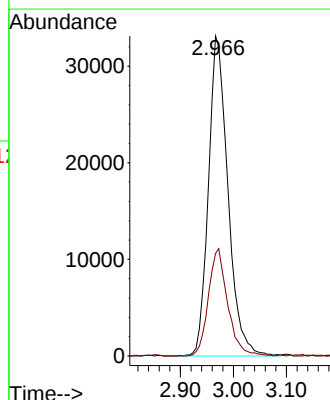
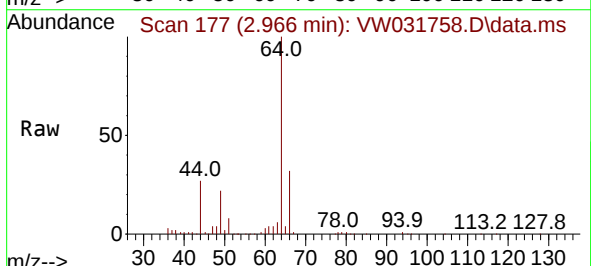
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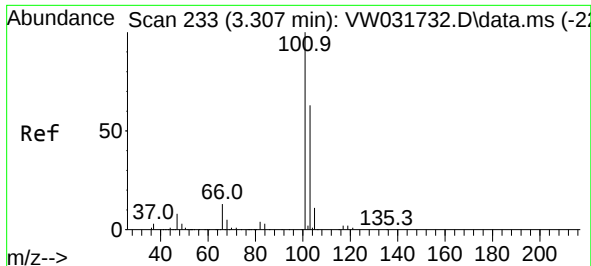
Tgt Ion: 94 Resp: 97591
Ion Ratio Lower Upper
94 100
96 85.0 75.6 113.4



#6
Chloroethane
Concen: 48.570 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031758.D
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Tgt Ion: 64 Resp: 84669
Ion Ratio Lower Upper
64 100
66 31.9 24.5 36.7

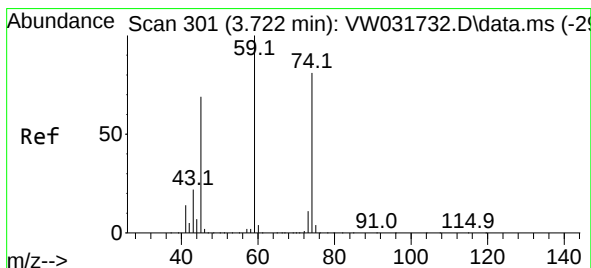
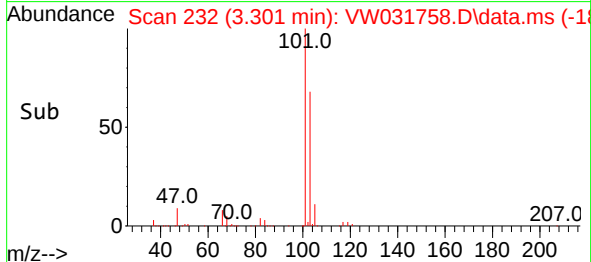
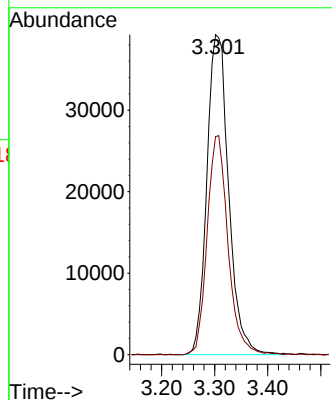
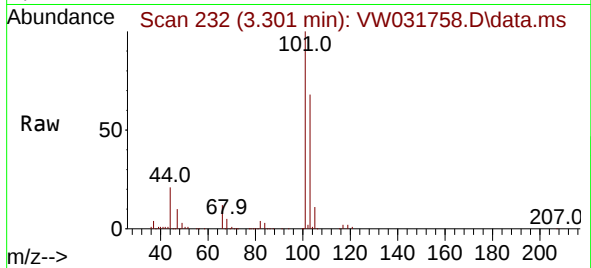




#7
 Trichlorofluoromethane
 Concen: 48.048 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

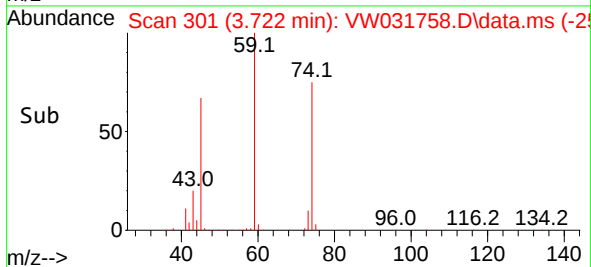
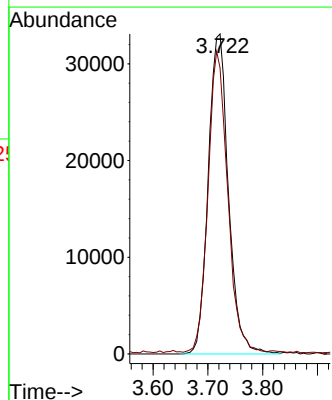
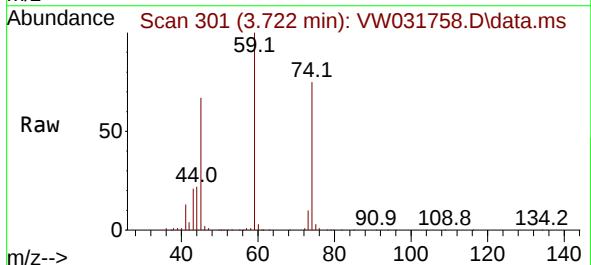
Instrument :
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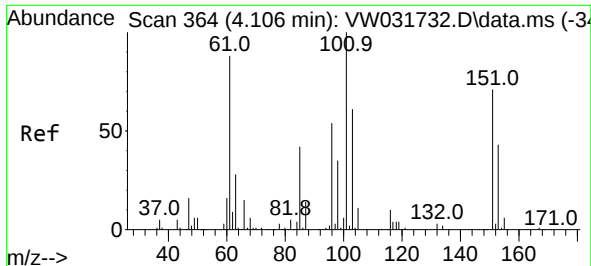
Tgt Ion:101 Resp: 111985
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.2 75.4



#8
 Diethyl Ether
 Concen: 47.771 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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 Acq: 03 Jul 2025 10:09

Tgt Ion: 74 Resp: 84604
 Ion Ratio Lower Upper
 74 100
 45 91.2 43.9 131.7

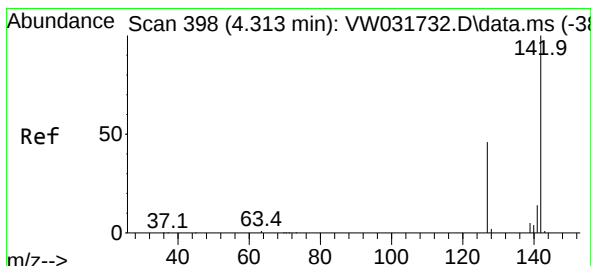
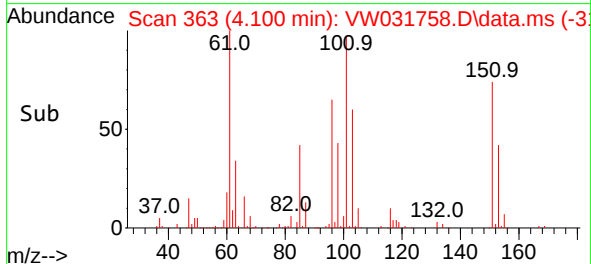
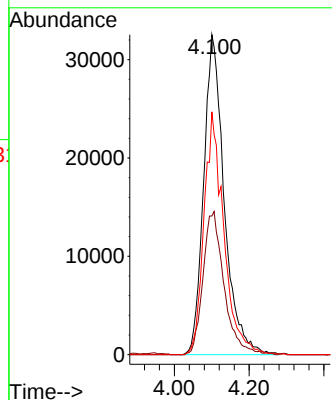
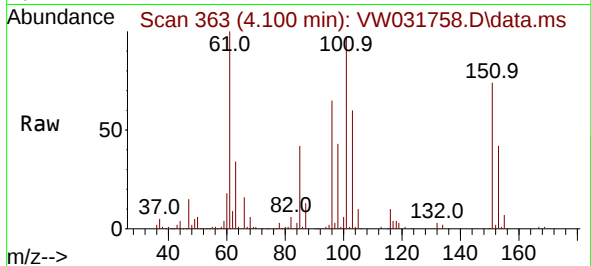




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.983 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

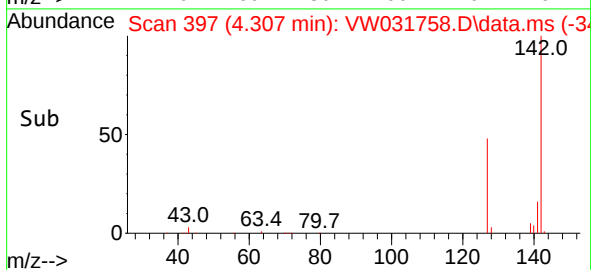
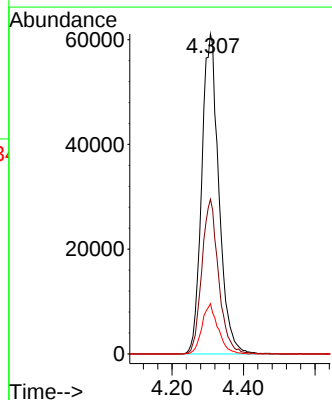
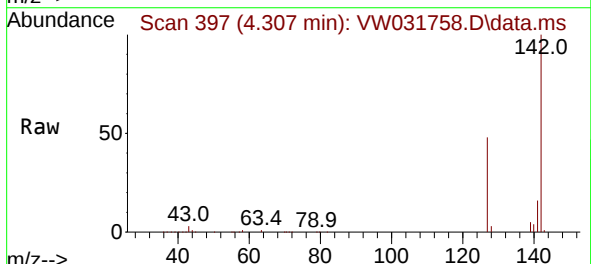
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

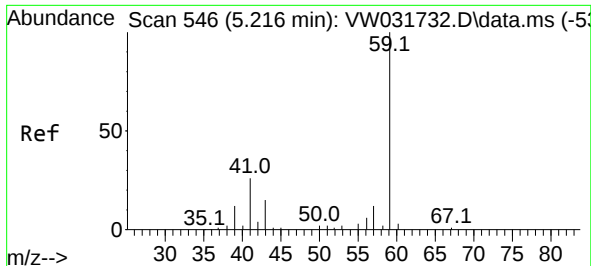
Tgt Ion:101 Resp: 124131
Ion Ratio Lower Upper
101 100
85 45.8 35.6 53.4
151 73.4 56.8 85.2



#10
Methyl Iodide
Concen: 50.811 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:142 Resp: 202642
Ion Ratio Lower Upper
142 100
127 47.3 37.9 56.9
141 14.7 11.7 17.5

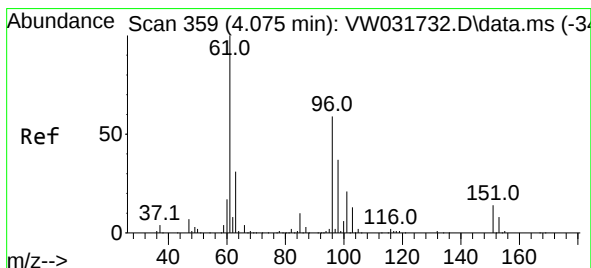
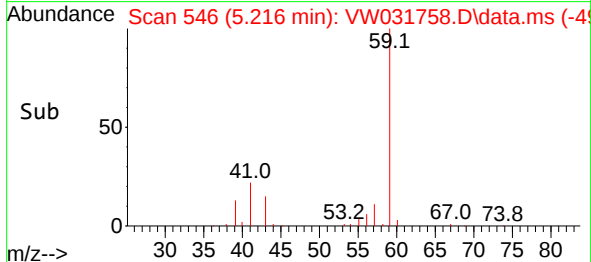
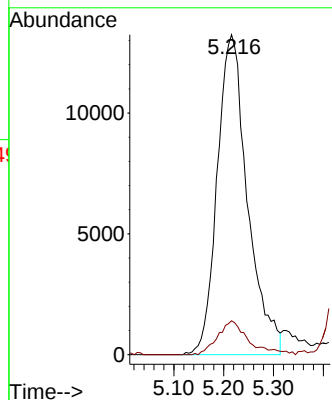
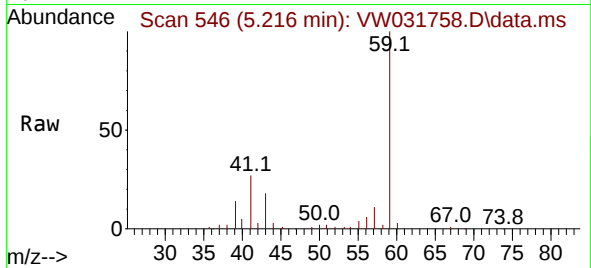




#11
Tert butyl alcohol
Concen: 264.397 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

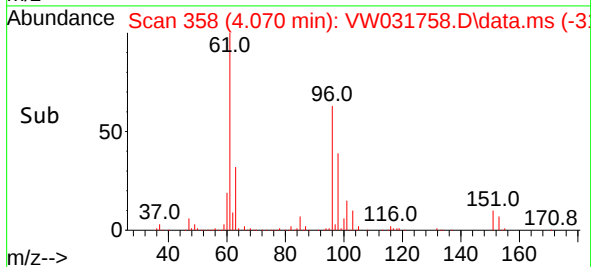
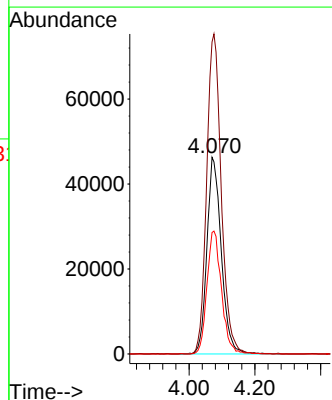
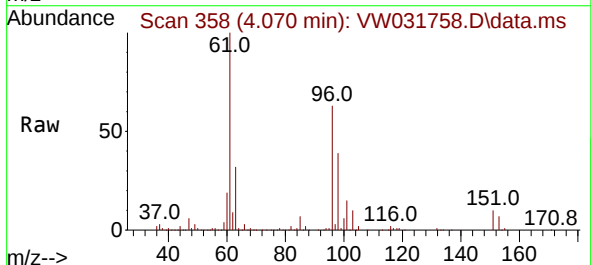
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

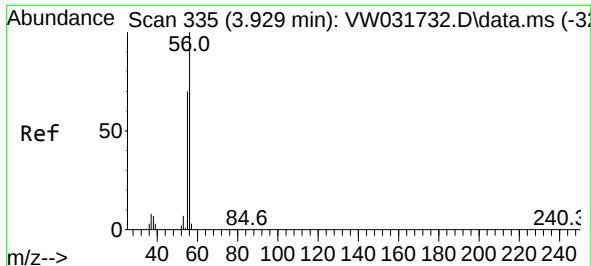
Tgt Ion: 59 Resp: 55902
Ion Ratio Lower Upper
59 100
57 10.8 9.5 14.3



#12
1,1-Dichloroethene
Concen: 49.681 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 96 Resp: 140775
Ion Ratio Lower Upper
96 100
61 158.6 135.8 203.8
98 61.8 50.4 75.6

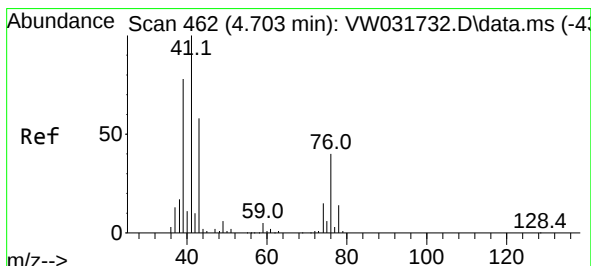
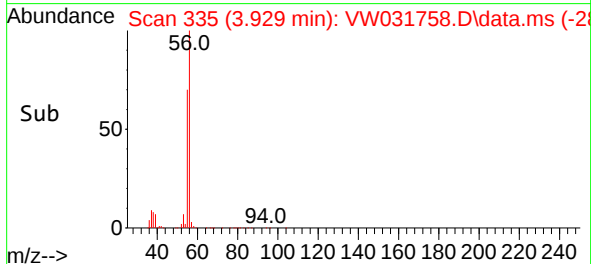
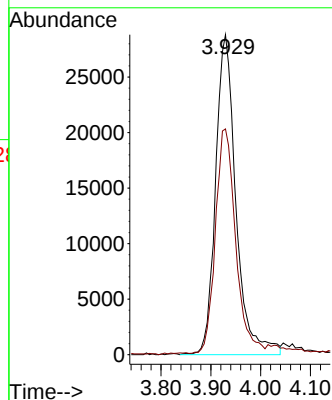
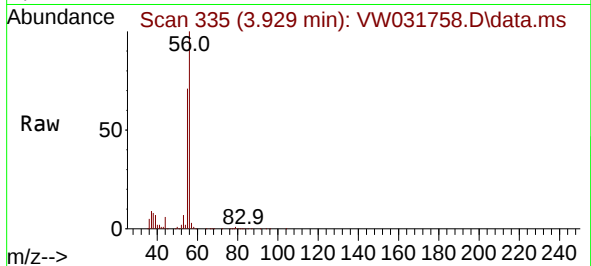




#13
Acrolein
Concen: 215.030 ug/l
RT: 3.929 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

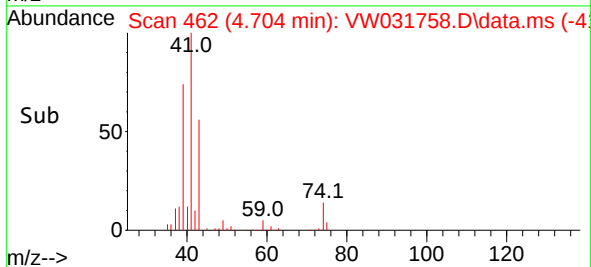
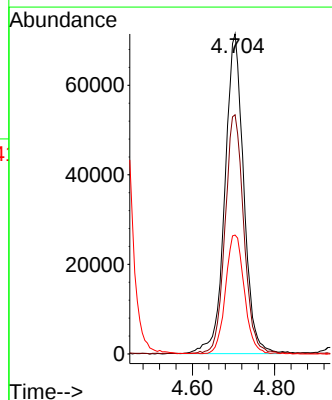
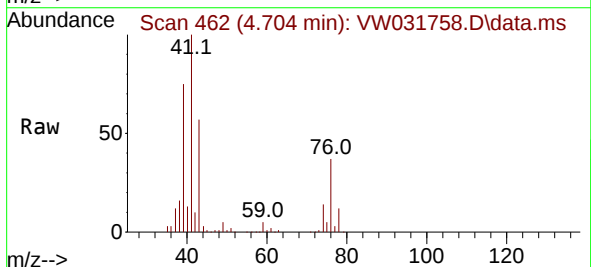
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 81714
Ion Ratio Lower Upper
56 100
55 69.6 54.0 81.0



#14
Allyl chloride
Concen: 52.149 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 41 Resp: 226723
Ion Ratio Lower Upper
41 100
39 74.2 60.7 91.1
76 36.9 30.3 45.5

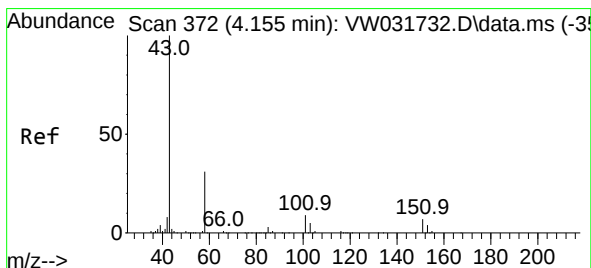
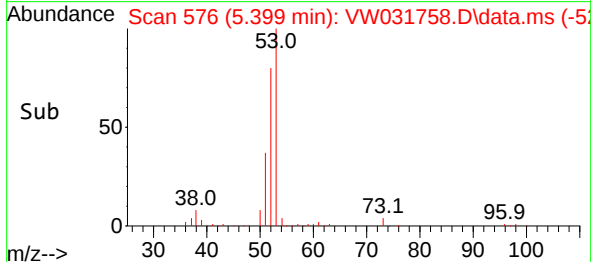
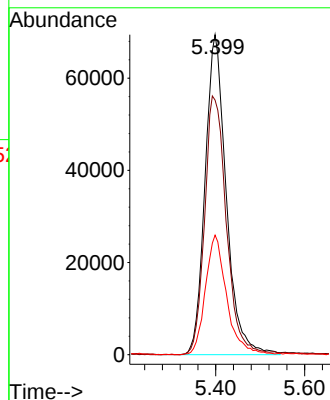
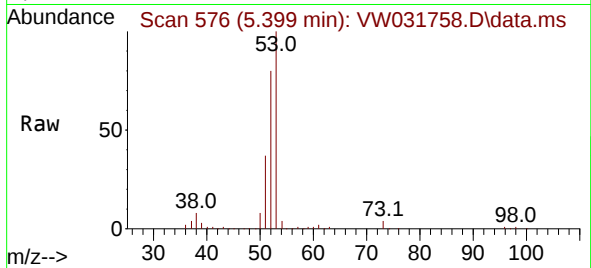




#15
Acrylonitrile
Concen: 263.983 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

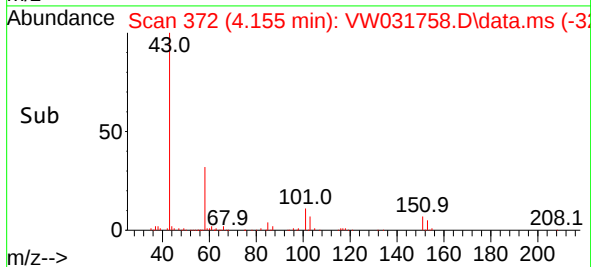
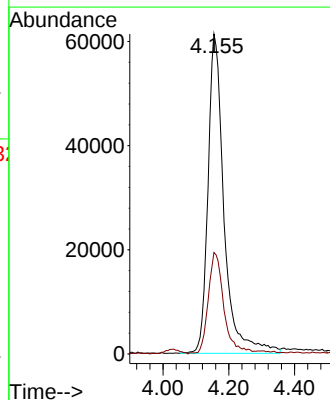
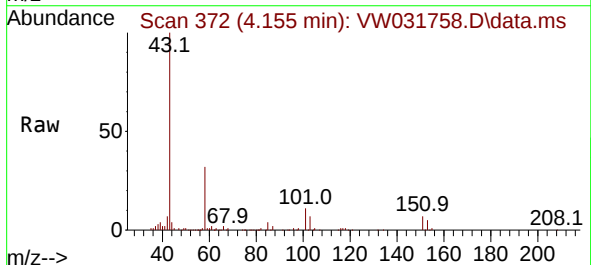
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

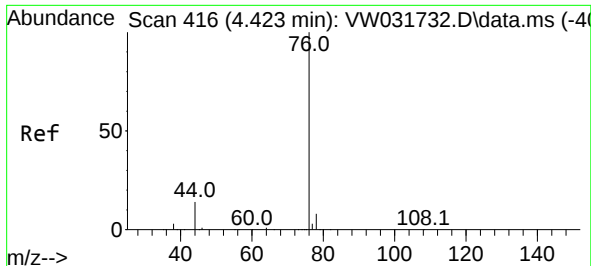
Tgt Ion: 53 Resp: 229907
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 37.6 29.9 44.9



#16
Acetone
Concen: 245.490 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 43 Resp: 207080
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

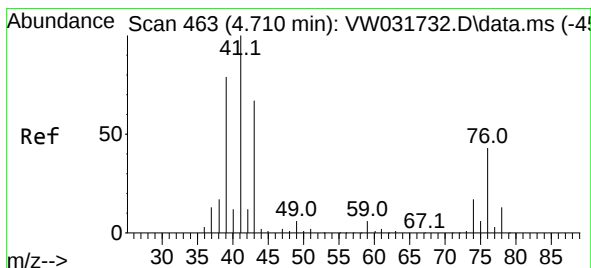
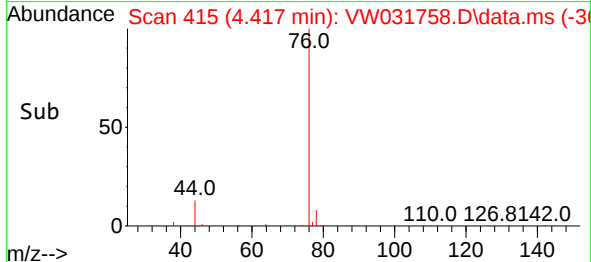
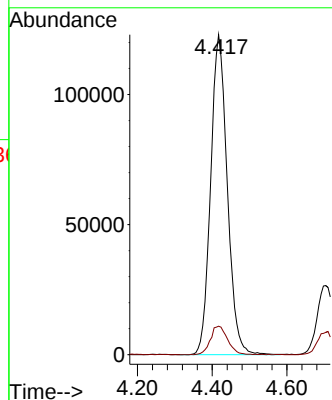
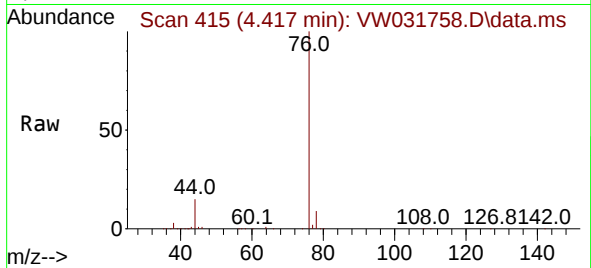




#17
Carbon Disulfide
Concen: 50.092 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

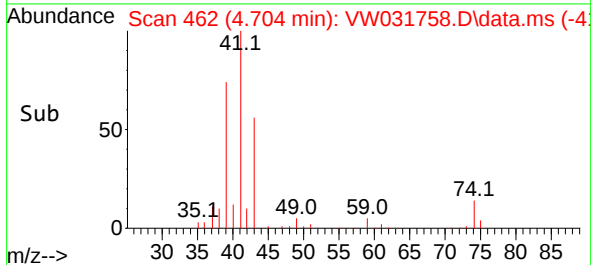
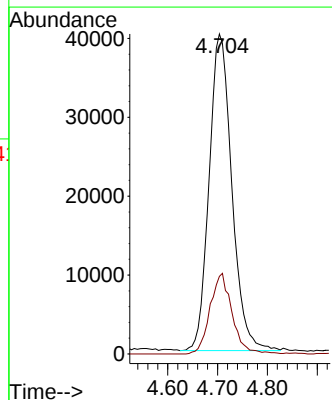
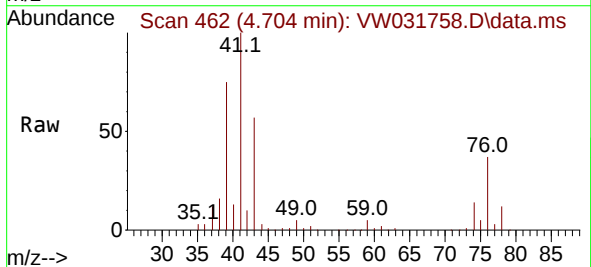
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

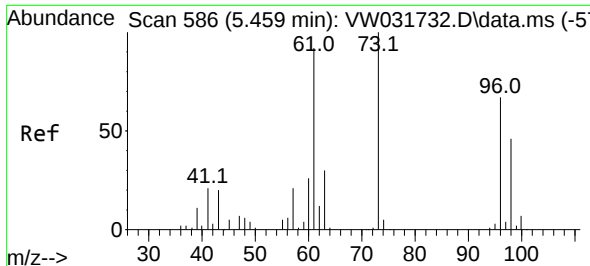
Tgt Ion: 76 Resp: 379825
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 52.738 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 43 Resp: 127141
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8

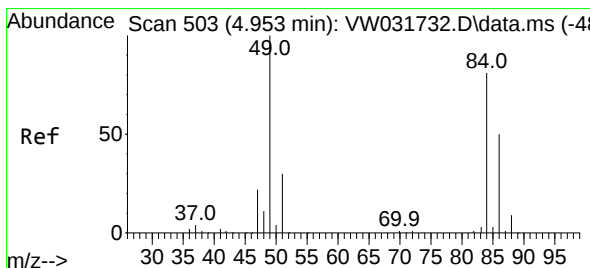
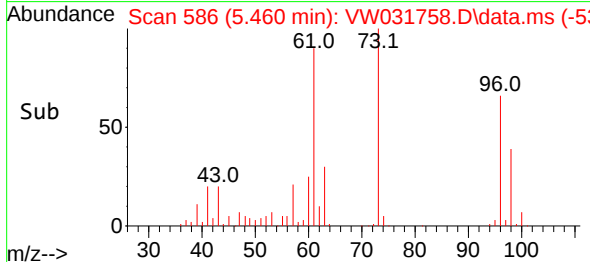
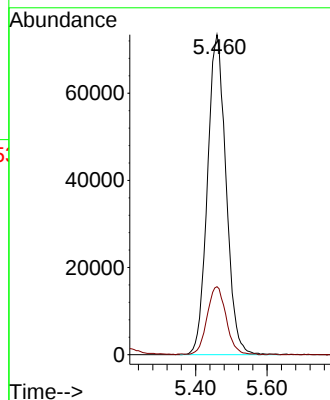
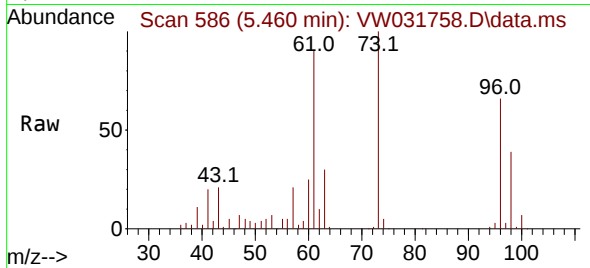




#19
Methyl tert-butyl Ether
Concen: 55.076 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

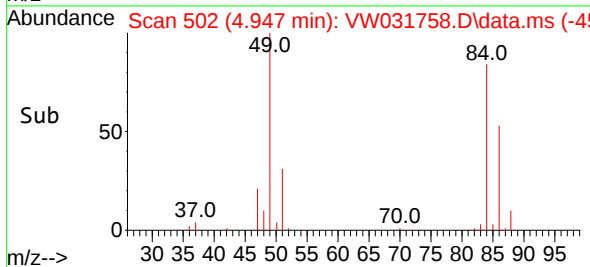
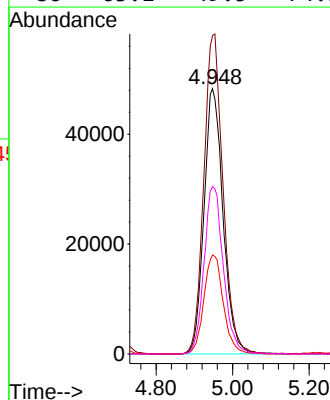
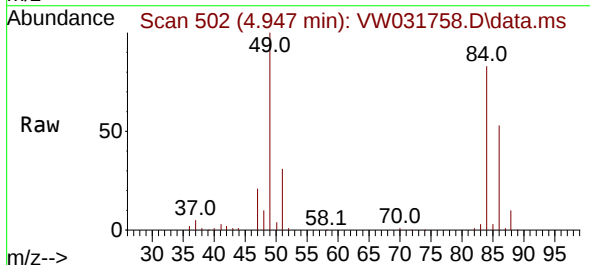
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

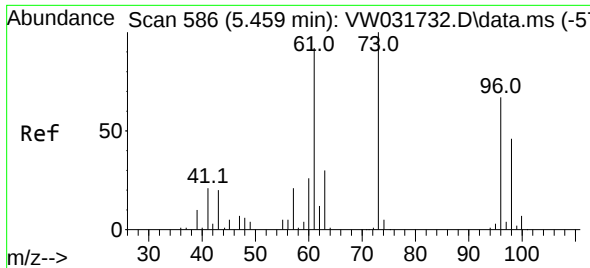
Tgt Ion: 73 Resp: 264885
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 49.759 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 84 Resp: 167433
Ion Ratio Lower Upper
84 100
49 120.0 98.2 147.4
51 37.3 29.8 44.8
86 63.1 49.5 74.3

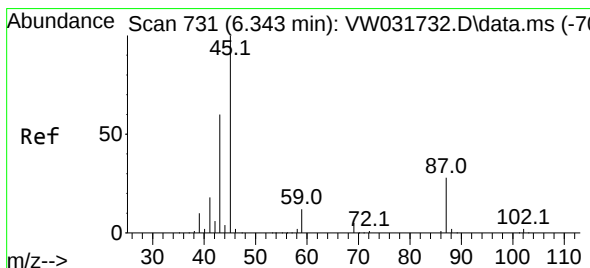
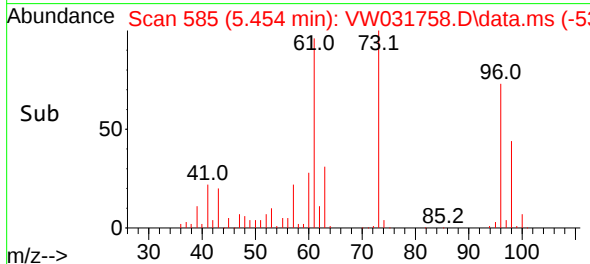
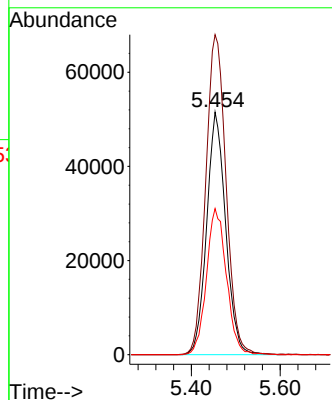
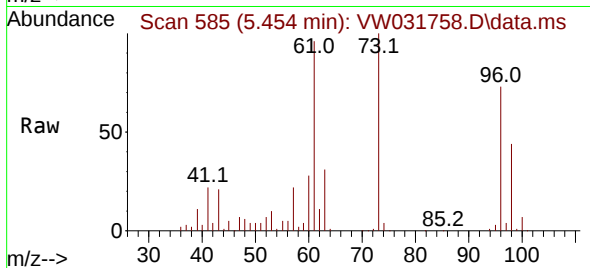




#21
trans-1,2-Dichloroethene
Concen: 50.987 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

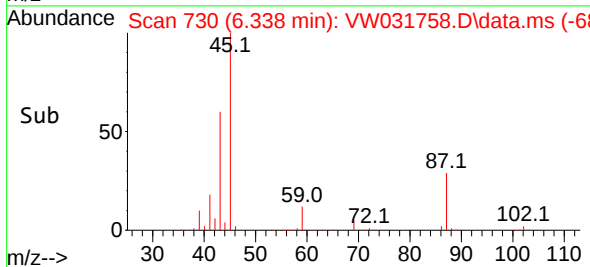
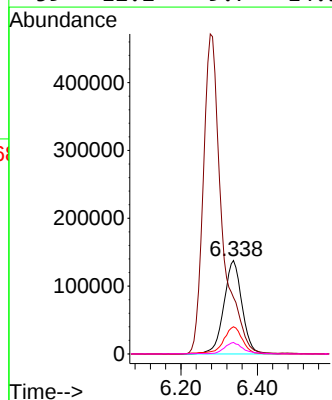
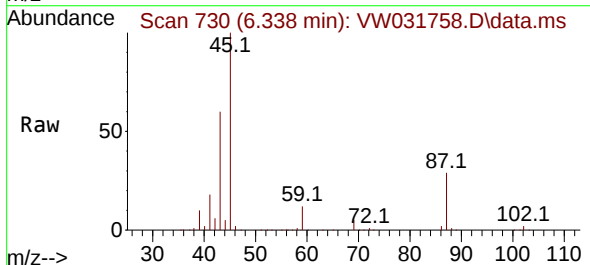
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 153515
Ion Ratio Lower Upper
96 100
61 131.8 109.8 164.6
98 60.2 54.9 82.3



#22
Diisopropyl ether
Concen: 53.315 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 45 Resp: 452069
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 29.0 22.6 34.0
59 12.2 9.7 14.5

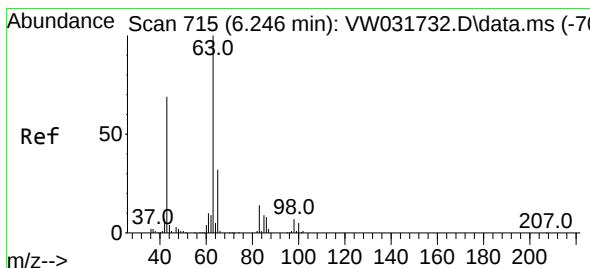
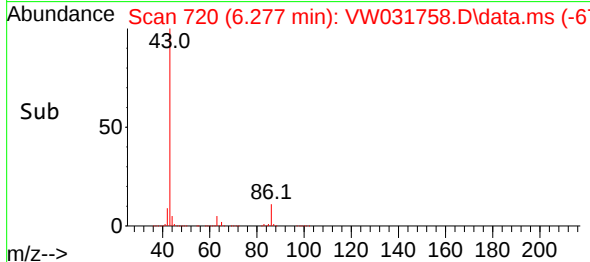
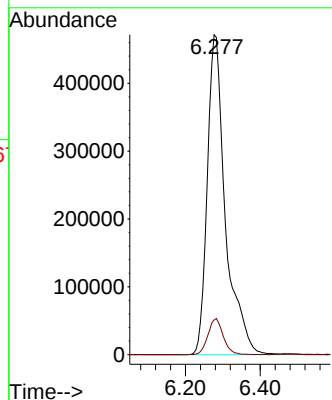
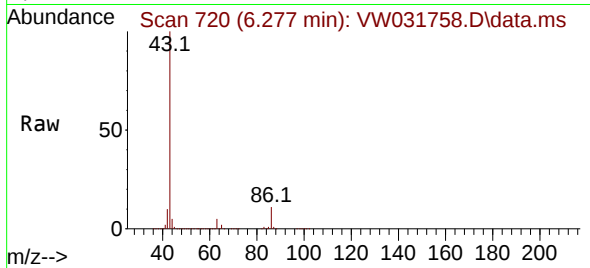




#23
 Vinyl Acetate
 Concen: 274.323 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

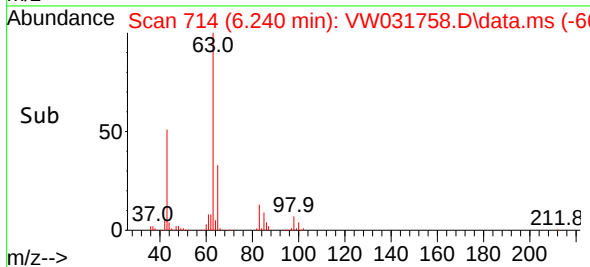
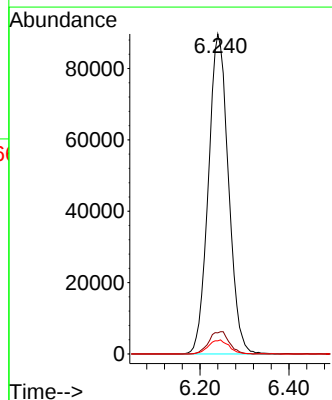
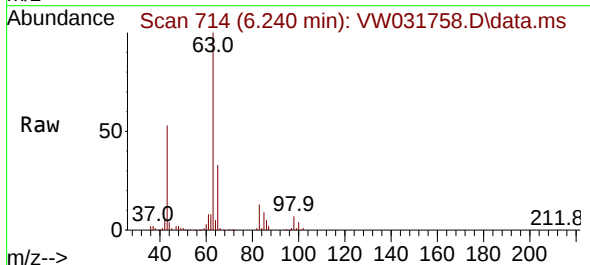
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1588777
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 51.210 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

Tgt Ion: 63 Resp: 281516
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.1 2.5 7.5

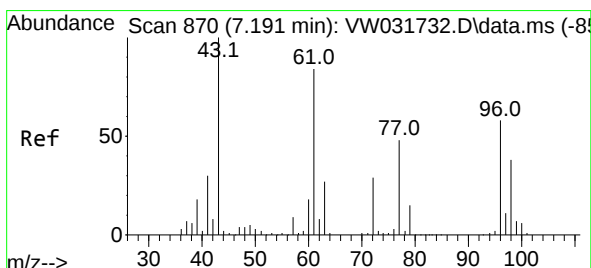
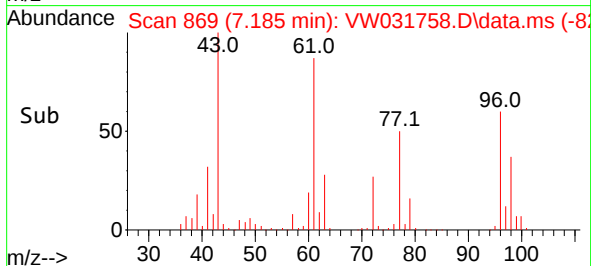
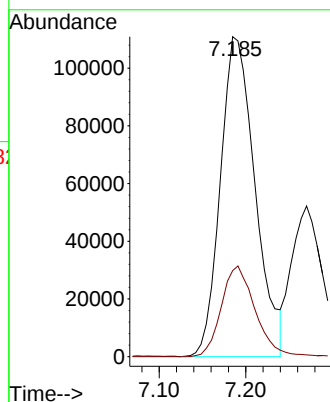
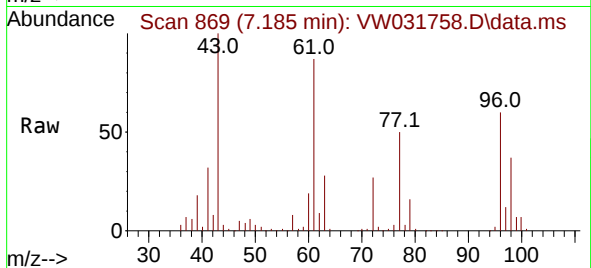




#25
2-Butanone
Concen: 281.678 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

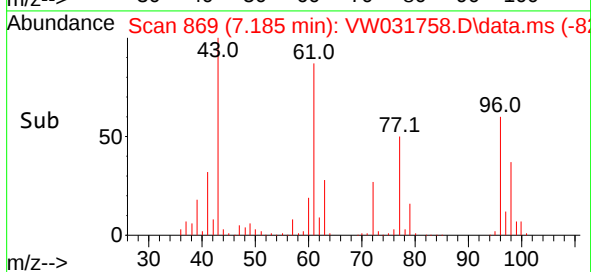
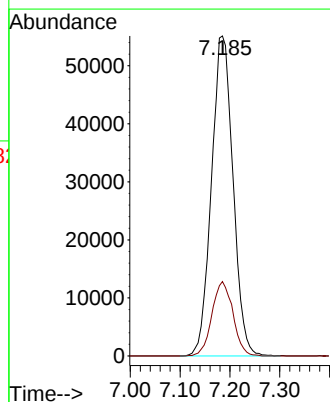
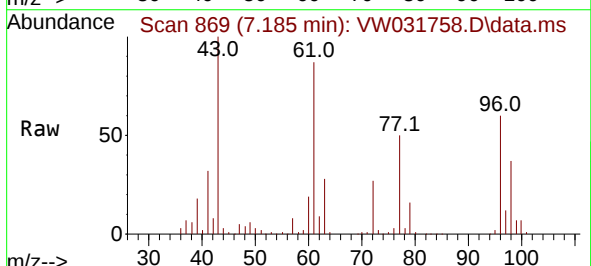
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 309118
Ion Ratio Lower Upper
43 100
72 26.9 23.0 34.6



#26
2,2-Dichloropropane
Concen: 51.589 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 77 Resp: 165466
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 52.006 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

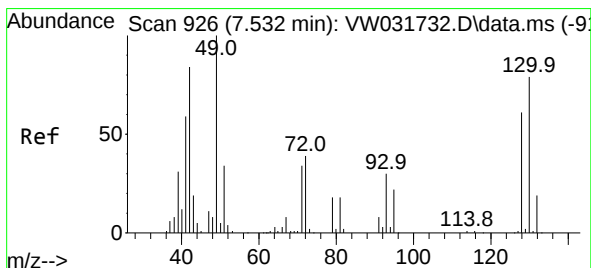
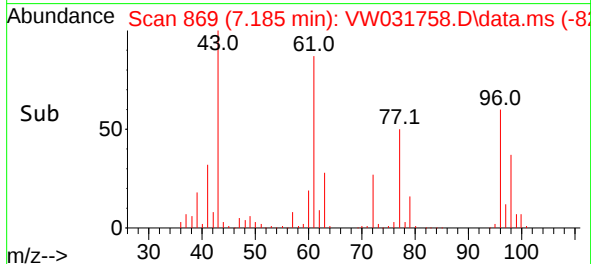
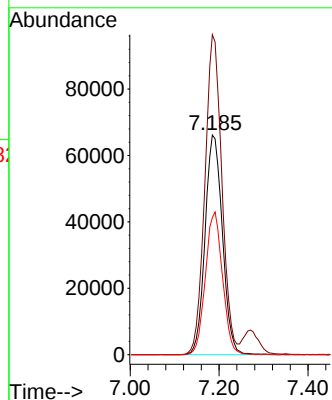
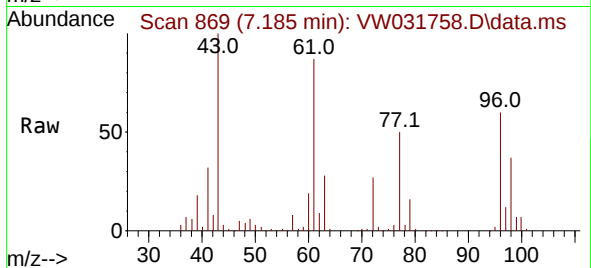
Tgt Ion: 96 Resp: 179991

Ion Ratio Lower Upper

96 100

61 143.1 0.0 286.8

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 48.611 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

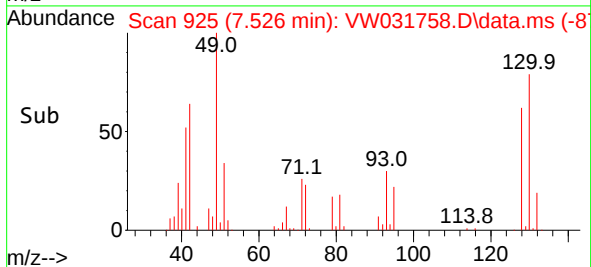
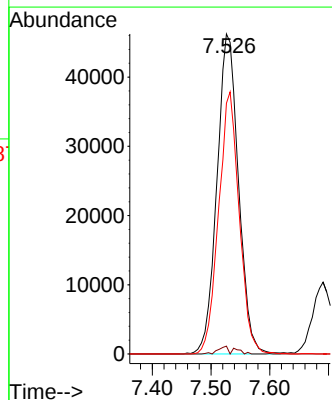
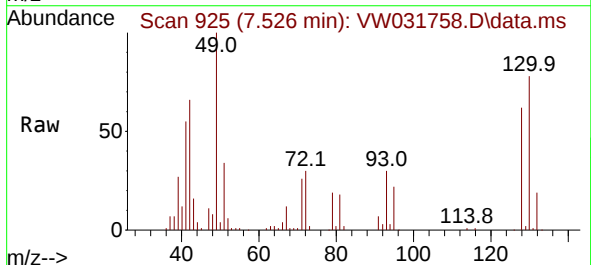
Tgt Ion: 49 Resp: 117924

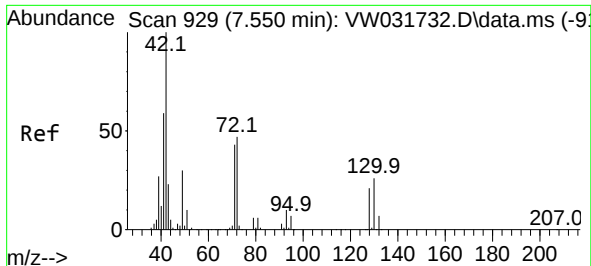
Ion Ratio Lower Upper

49 100

129 1.1 0.0 2.4

130 0.0 61.3 91.9#

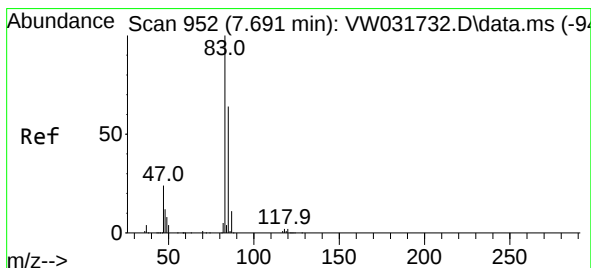
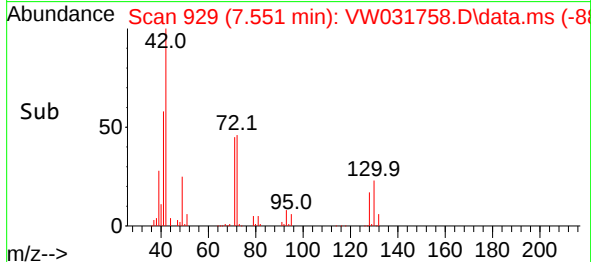
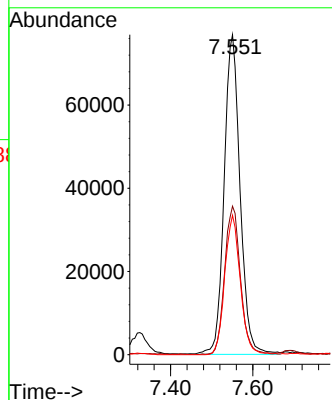
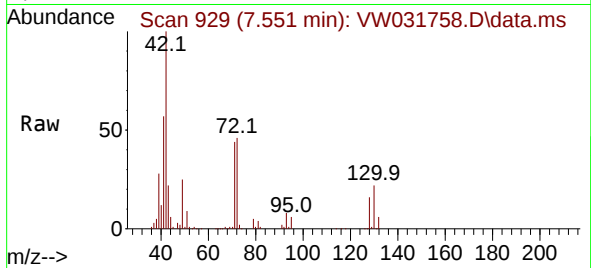




#29
Tetrahydrofuran
Concen: 275.494 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

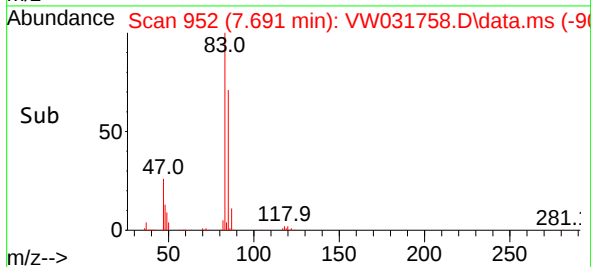
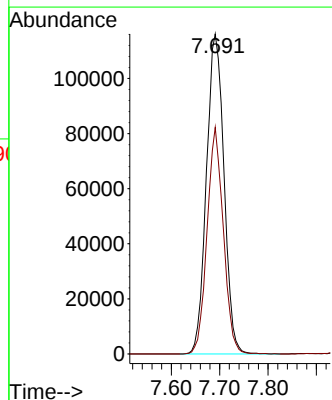
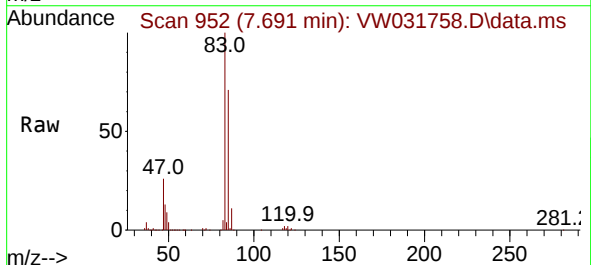
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

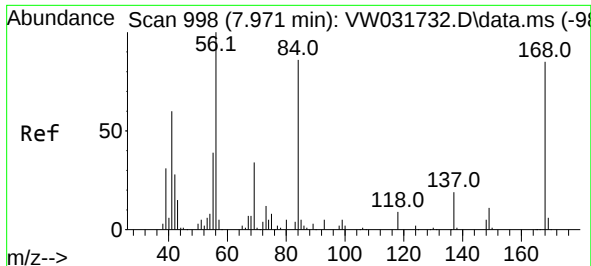
Tgt Ion: 42 Resp: 207045
Ion Ratio Lower Upper
42 100
72 46.0 36.8 55.2
71 42.7 34.6 52.0



#30
Chloroform
Concen: 50.139 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 83 Resp: 292881
Ion Ratio Lower Upper
83 100
85 70.8 51.4 77.0

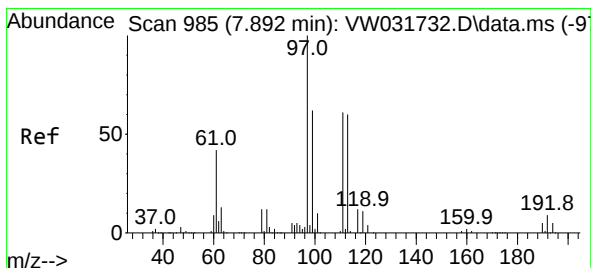
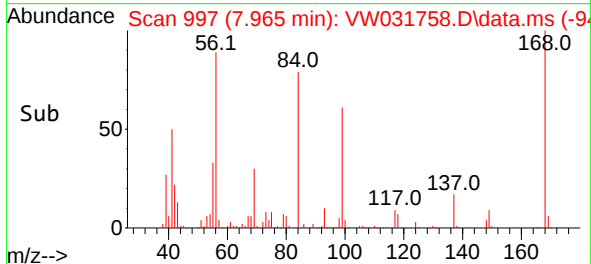
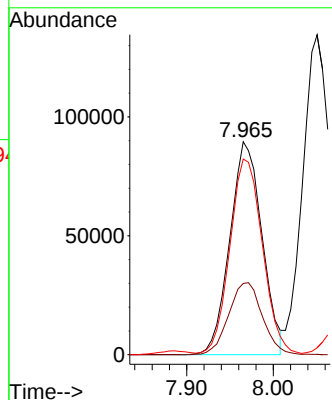
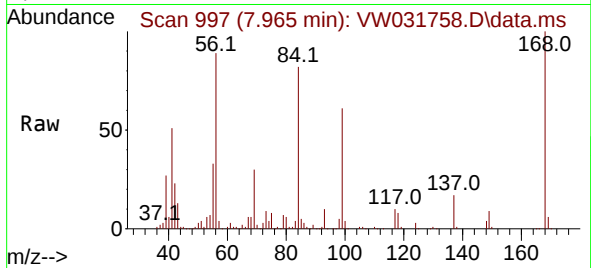




#31
Cyclohexane
Concen: 47.442 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

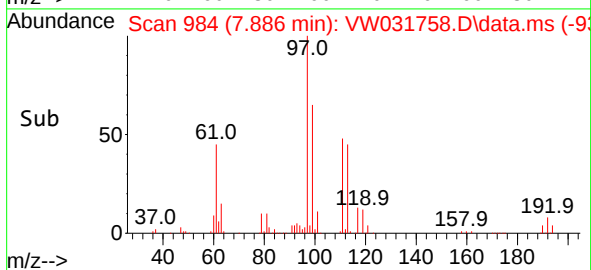
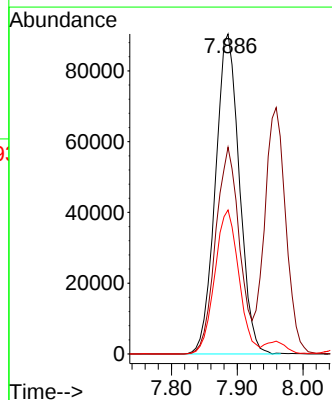
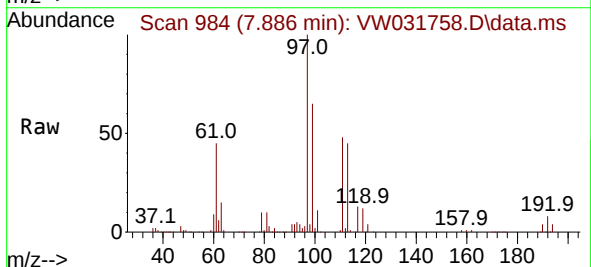
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

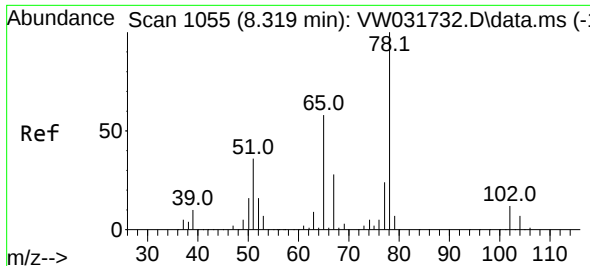
Tgt Ion: 56 Resp: 230535
Ion Ratio Lower Upper
56 100
69 33.4 27.2 40.8
84 90.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 50.967 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 97 Resp: 229430
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 45.4 36.0 54.0

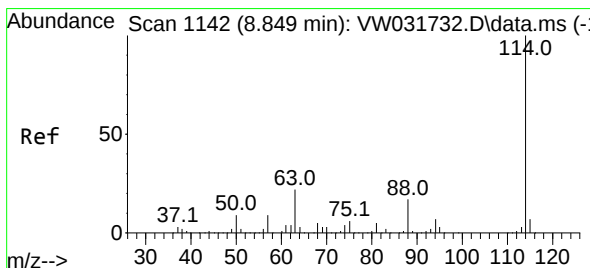
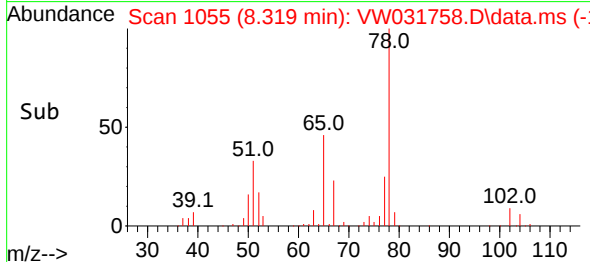
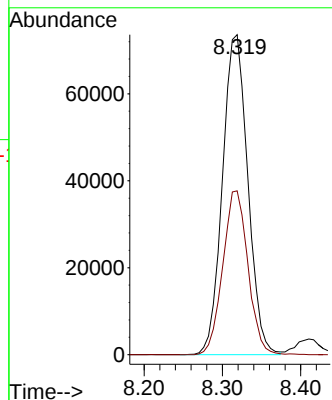
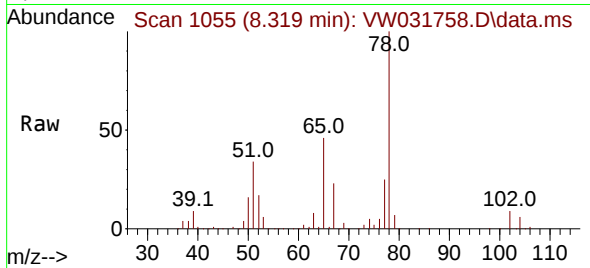




#33
 1,2-Dichloroethane-d4
 Concen: 48.535 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

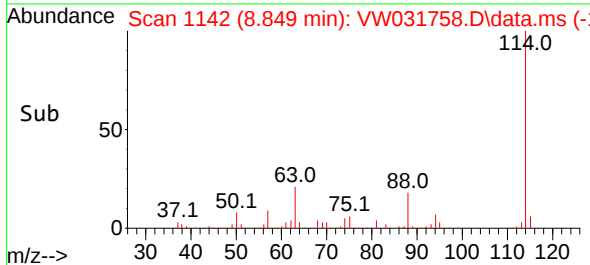
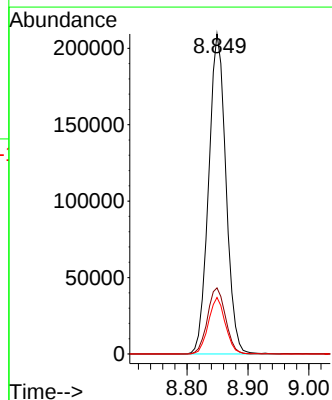
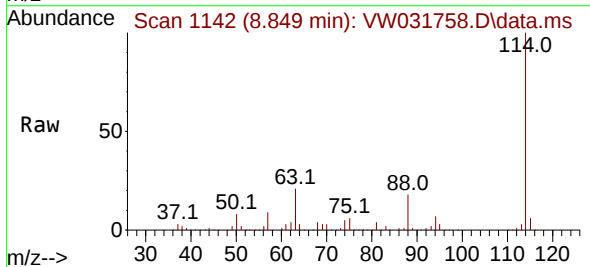
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

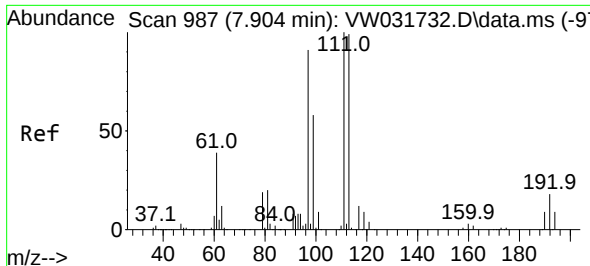
Tgt Ion: 65 Resp: 165639
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

Tgt Ion: 114 Resp: 412930
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 17.7 0.0 34.2

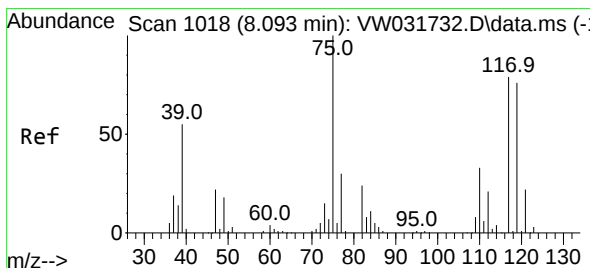
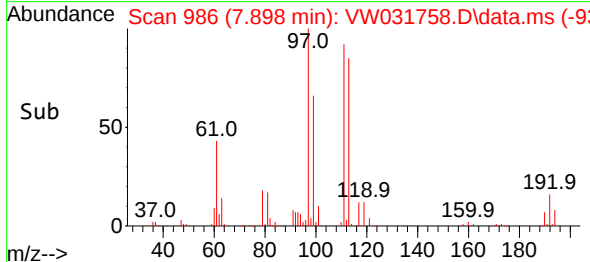
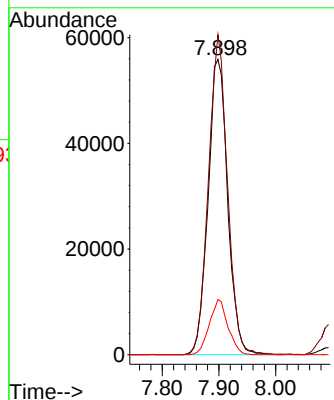
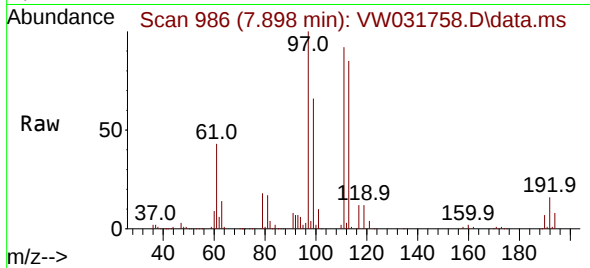




#35
Dibromofluoromethane
Concen: 49.778 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

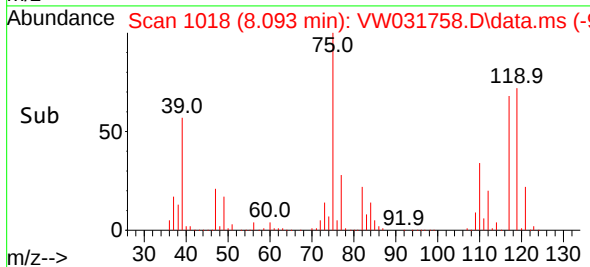
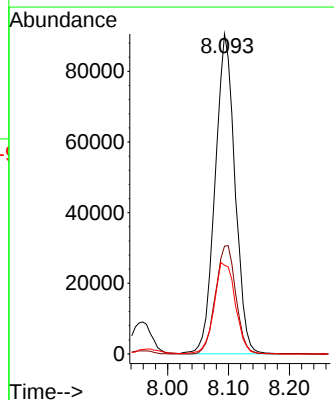
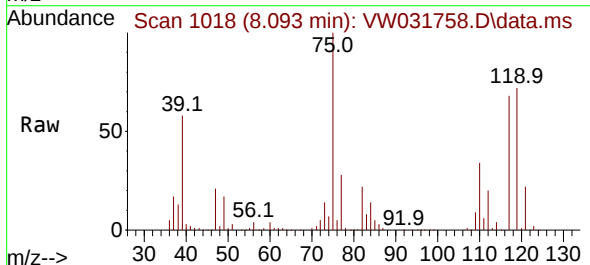
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

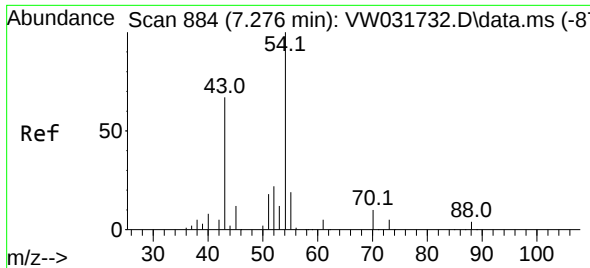
Tgt Ion:113 Resp: 134128
Ion Ratio Lower Upper
113 100
111 105.2 82.1 123.1
192 17.7 13.8 20.6



#36
1,1-Dichloropropene
Concen: 52.650 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 75 Resp: 205290
Ion Ratio Lower Upper
75 100
110 34.8 16.8 50.4
77 30.7 25.0 37.6

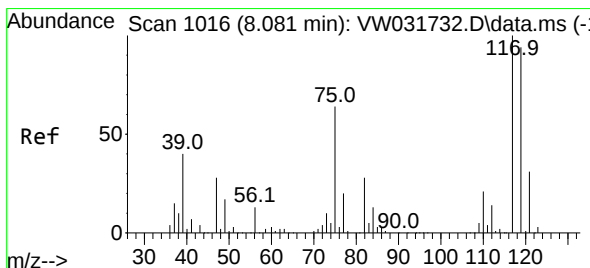
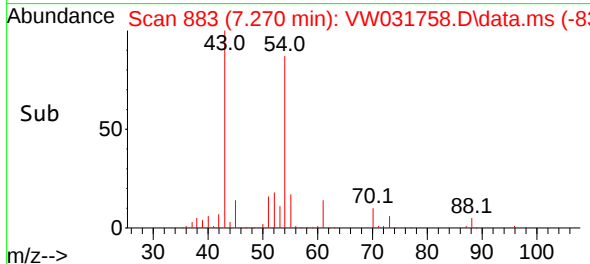
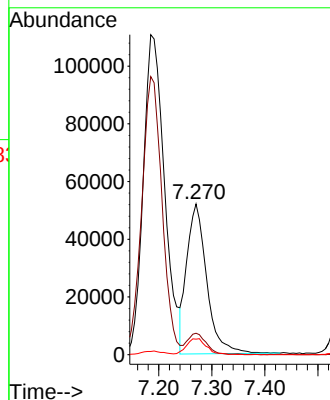
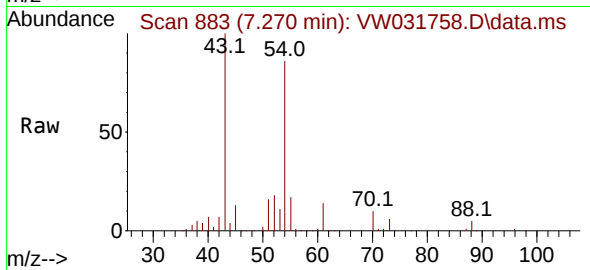




#37
Ethyl Acetate
Concen: 55.177 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

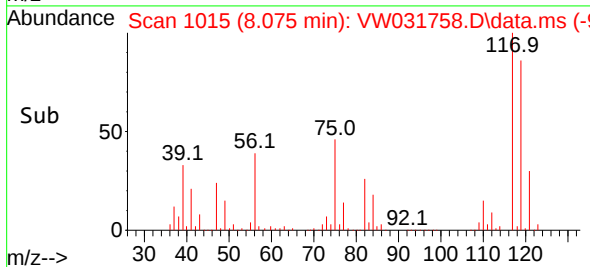
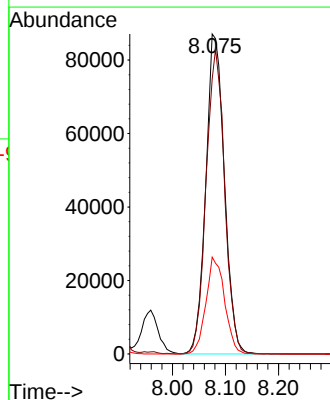
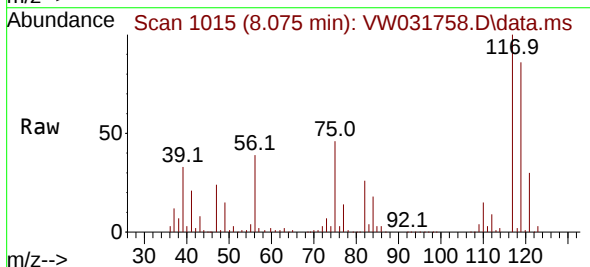
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

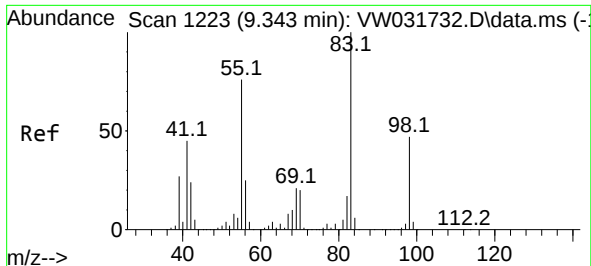
Tgt Ion: 43 Resp: 135718
Ion Ratio Lower Upper
43 100
61 12.6 10.9 16.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 53.427 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 117 Resp: 212284
Ion Ratio Lower Upper
117 100
119 85.9 75.0 112.6
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 53.224 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

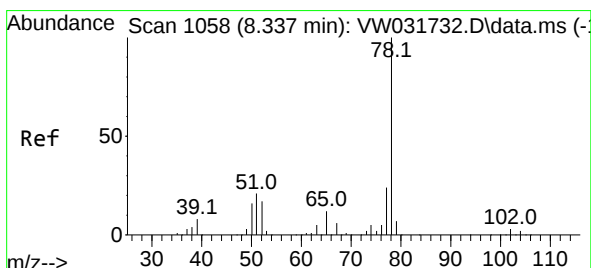
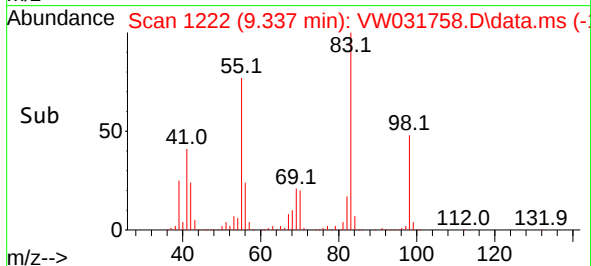
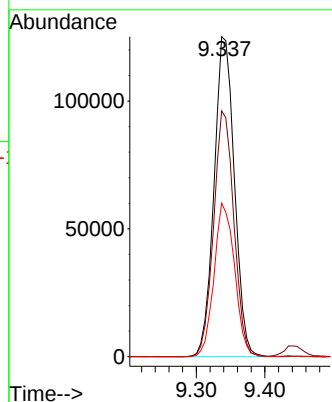
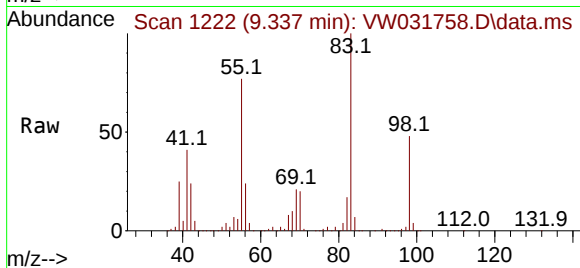
Tgt Ion: 83 Resp: 258198

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.4

98 48.0 37.9 56.9



#40

Benzene

Concen: 53.415 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031758.D

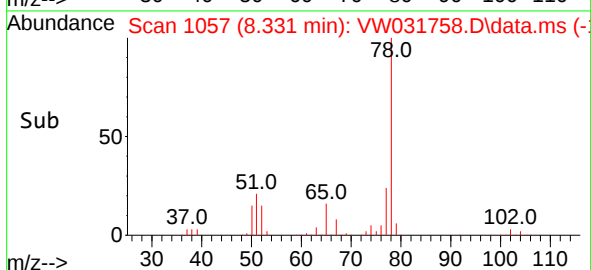
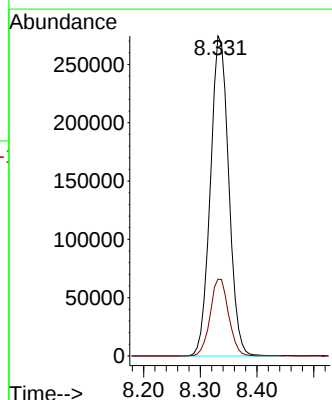
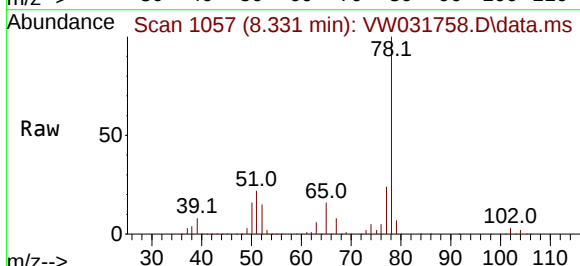
Acq: 03 Jul 2025 10:09

Tgt Ion: 78 Resp: 616200

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

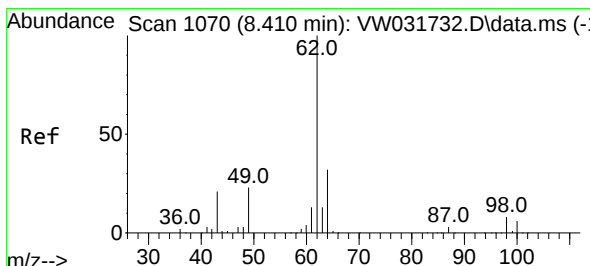
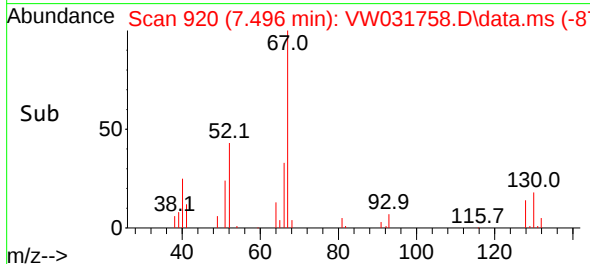
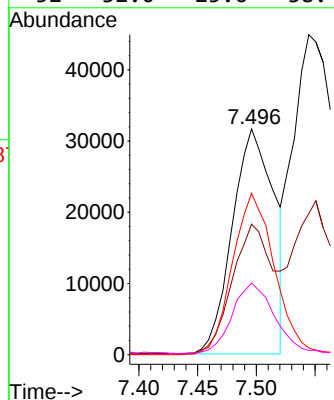
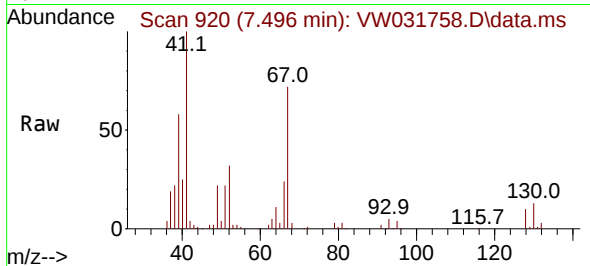




#41
Methacrylonitrile
Concen: 59.131 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

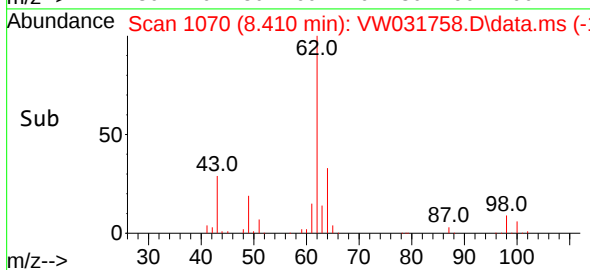
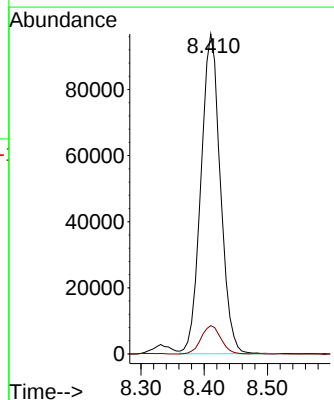
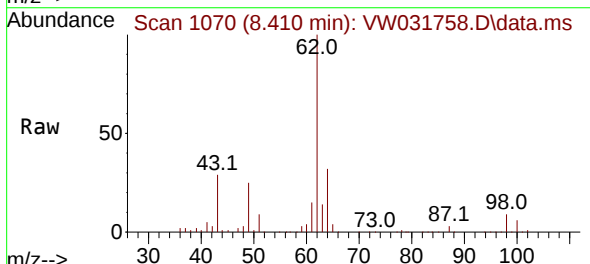
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

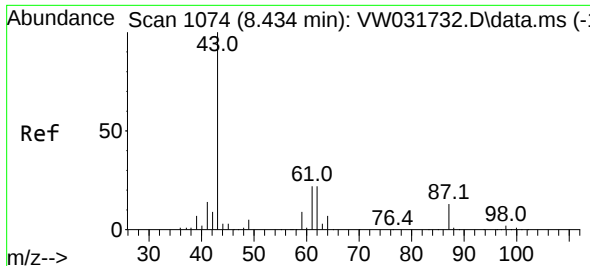
Tgt Ion:	41	Resp:	77913
Ion	Ratio	Lower	Upper
41	100		
39	56.5	43.2	64.8
67	73.1	58.1	87.1
52	32.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 53.055 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:	62	Resp:	206803
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

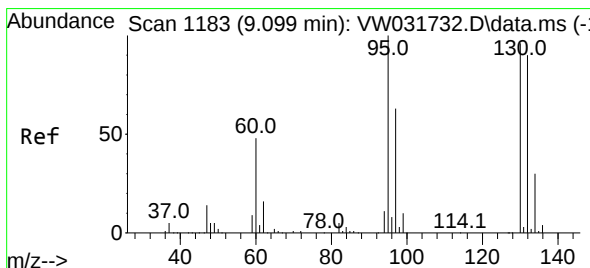
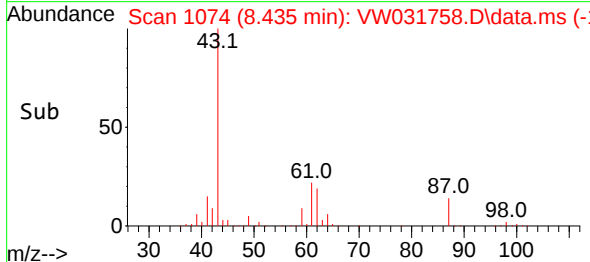
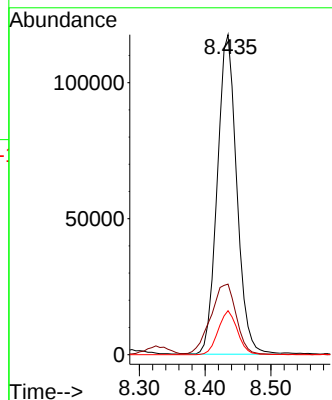
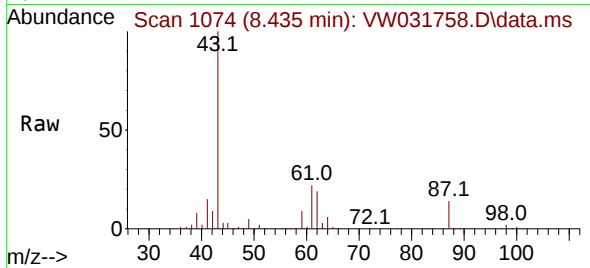




#43
Isopropyl Acetate
Concen: 57.069 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

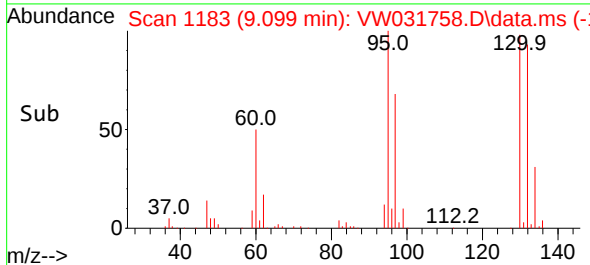
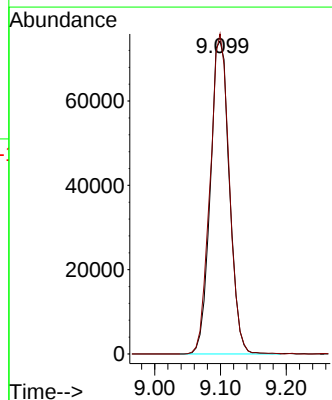
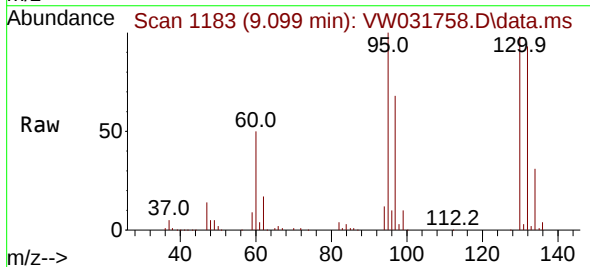
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

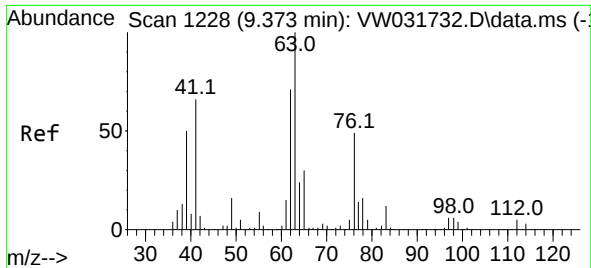
Tgt Ion: 43 Resp: 241970
Ion Ratio Lower Upper
43 100
61 28.9 23.1 34.7
87 13.7 10.8 16.2



#44
Trichloroethene
Concen: 52.153 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:130 Resp: 150162
Ion Ratio Lower Upper
130 100
95 102.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 53.045 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

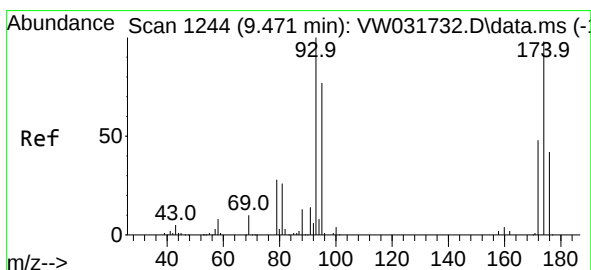
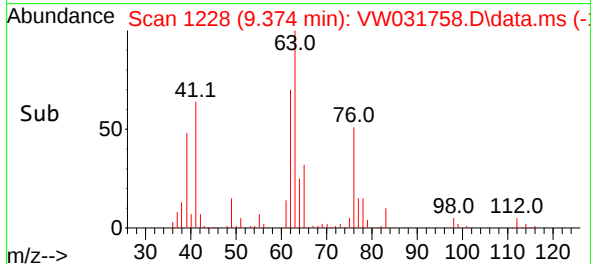
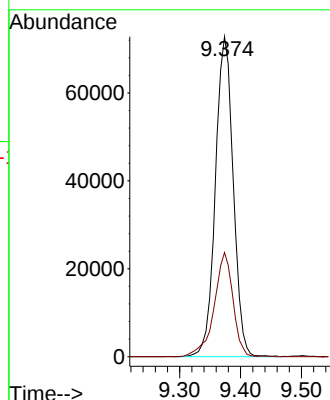
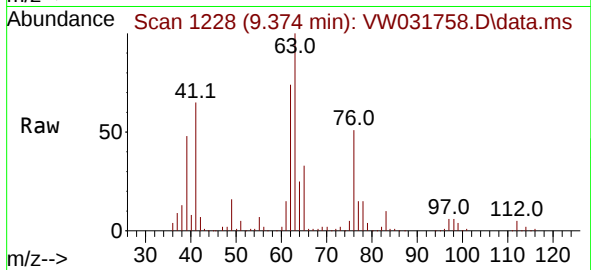
VSTDCCC050

Tgt Ion: 63 Resp: 147895

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#46

Dibromomethane

Concen: 54.586 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

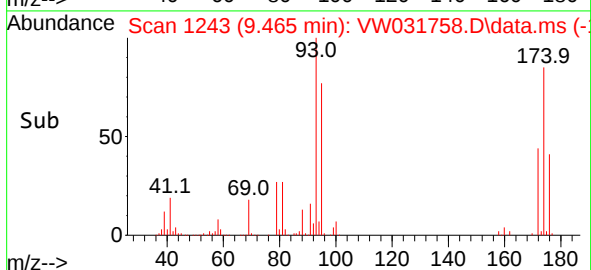
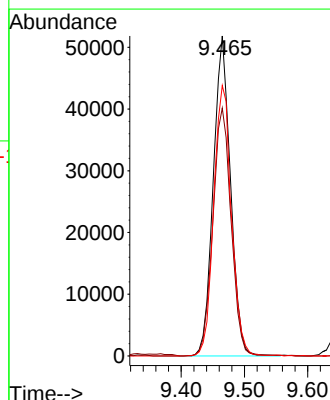
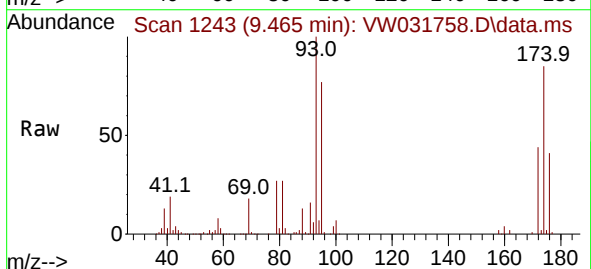
Tgt Ion: 93 Resp: 98255

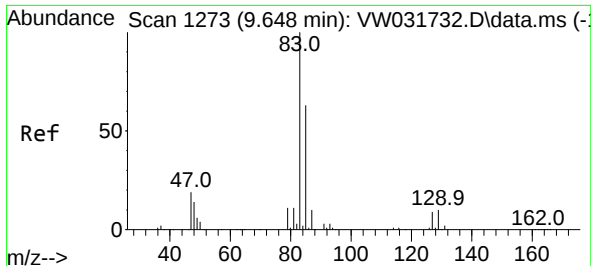
Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.4

174 87.1 71.7 107.5

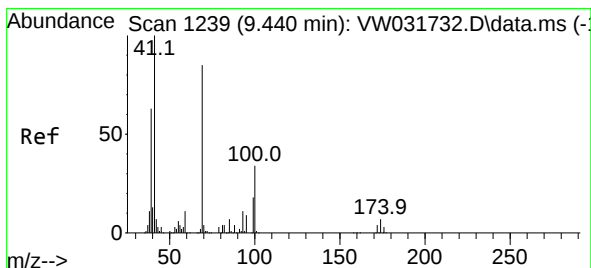
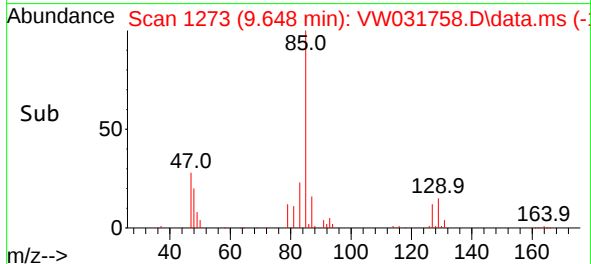
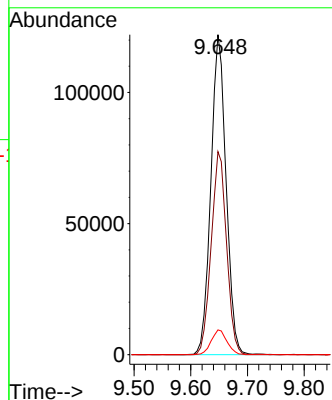
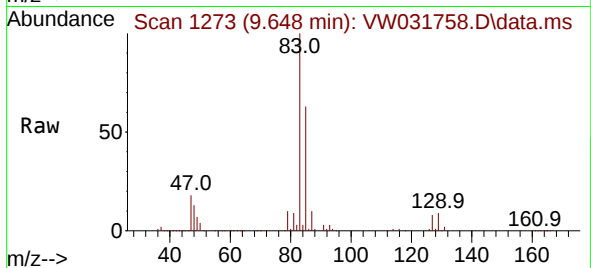




#47
Bromodichloromethane
Concen: 53.833 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

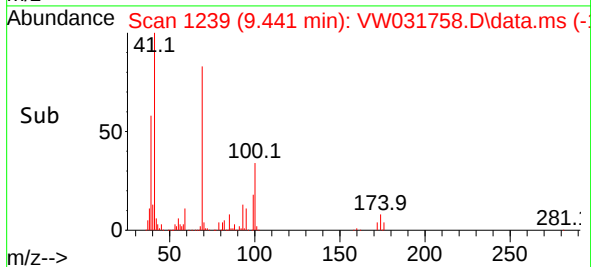
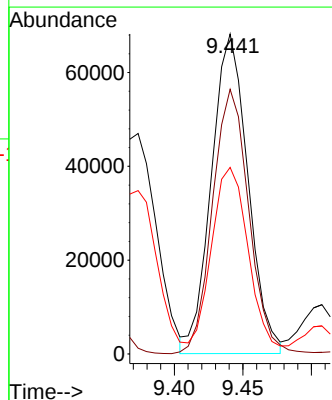
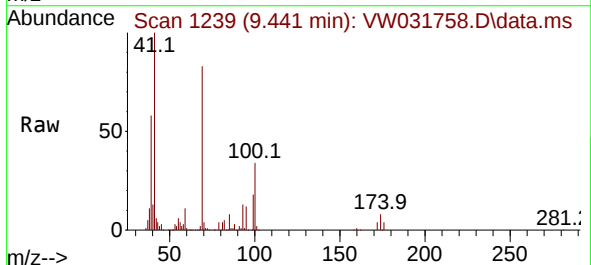
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

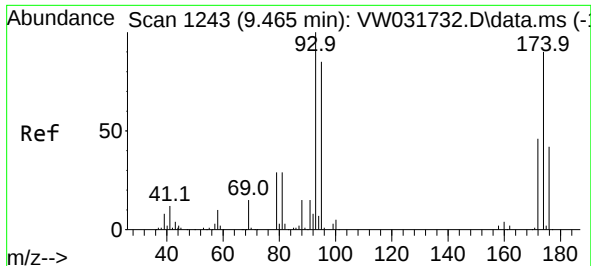
Tgt Ion: 83 Resp: 227228
Ion Ratio Lower Upper
83 100
85 63.4 50.8 76.2
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 60.610 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 41 Resp: 126360
Ion Ratio Lower Upper
41 100
69 82.5 71.6 107.4
39 54.2 49.5 74.3





#49

1,4-Dioxane

Concen: 978.139 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

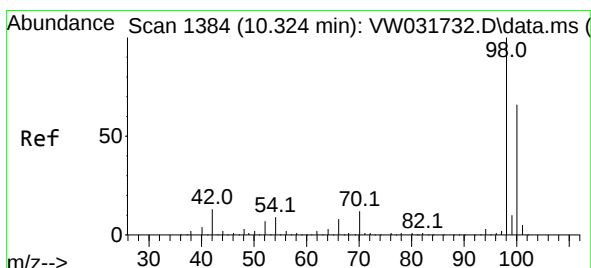
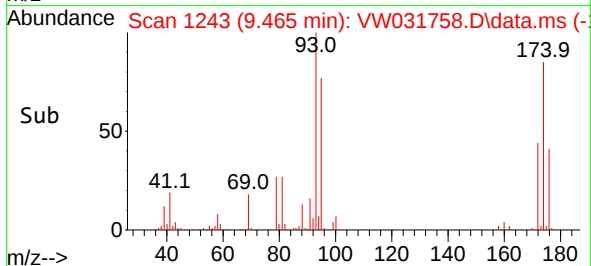
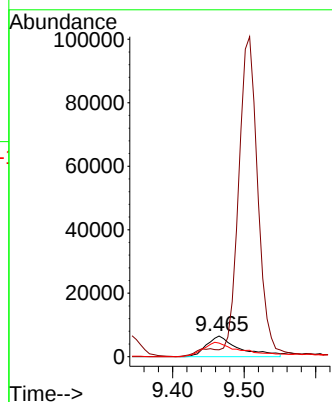
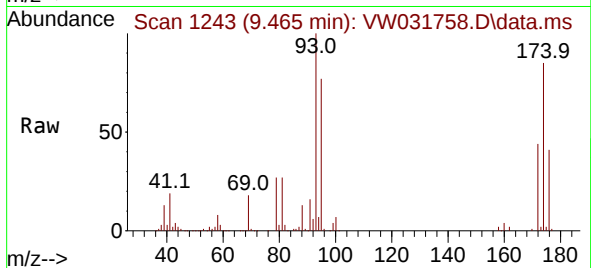
Tgt Ion: 88 Resp: 20621

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 83.7 58.3 87.5



#50

Toluene-d8

Concen: 50.891 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031758.D

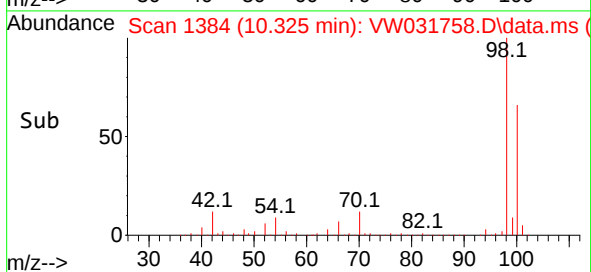
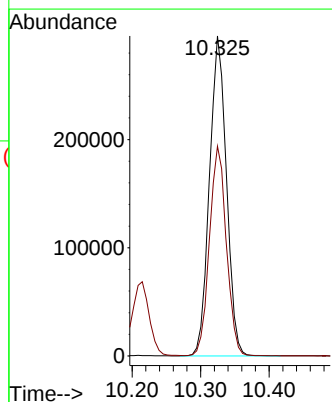
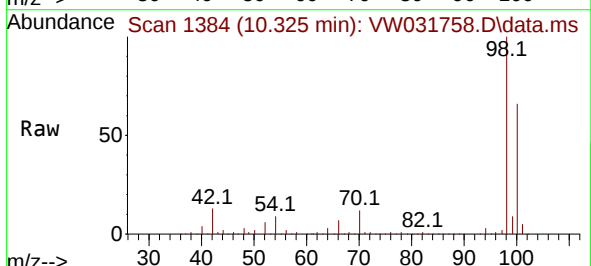
Acq: 03 Jul 2025 10:09

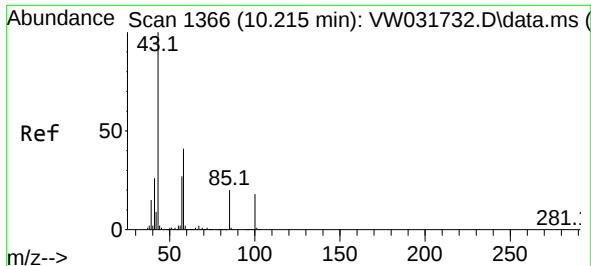
Tgt Ion: 98 Resp: 510305

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

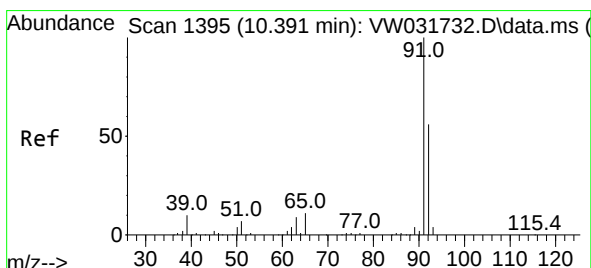
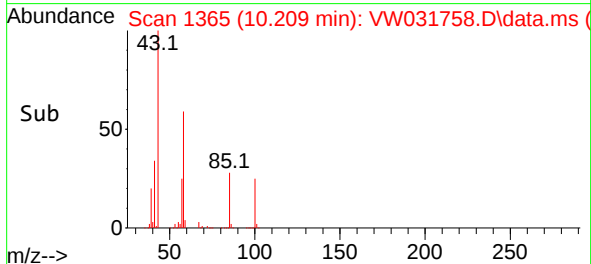
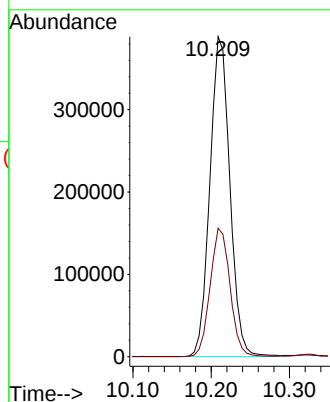
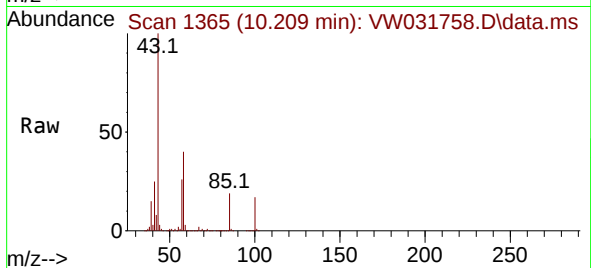




#51
4-Methyl-2-Pentanone
Concen: 282.440 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

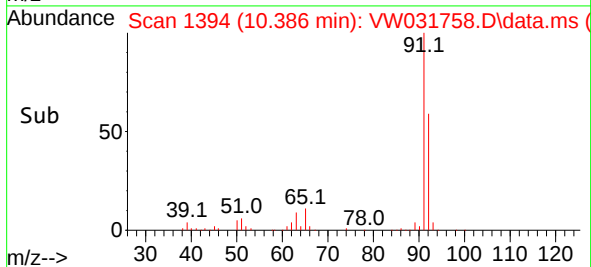
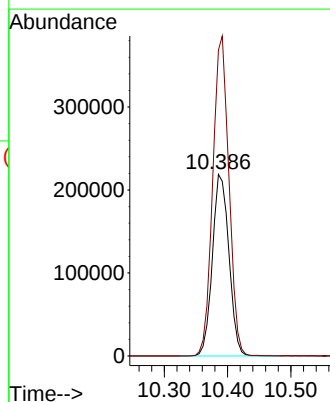
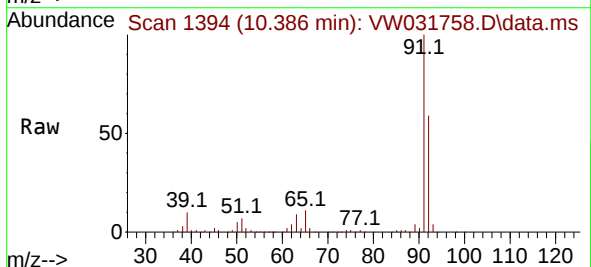
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 688469
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 53.680 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 92 Resp: 396483
Ion Ratio Lower Upper
92 100
91 172.2 139.5 209.3

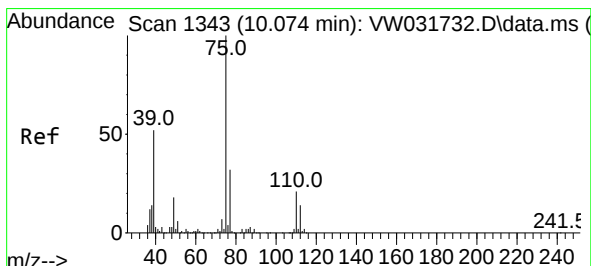
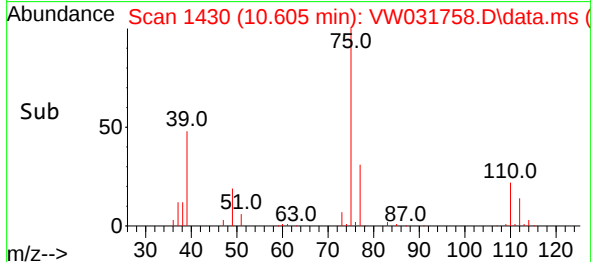
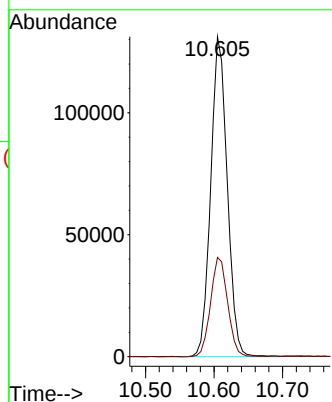
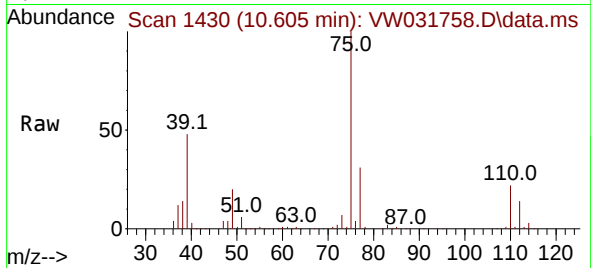




#53
 t-1,3-Dichloropropene
 Concen: 55.476 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

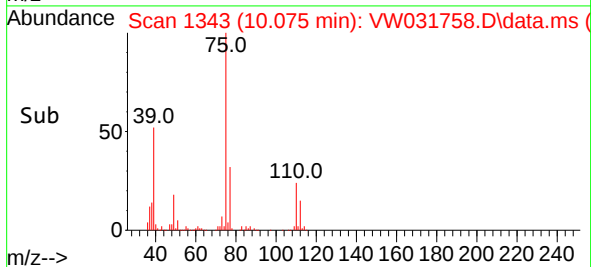
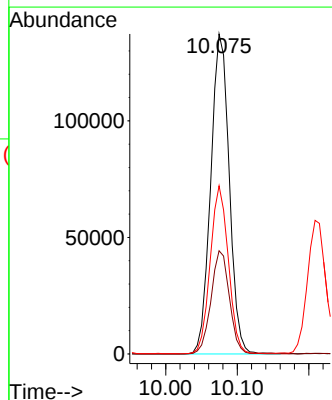
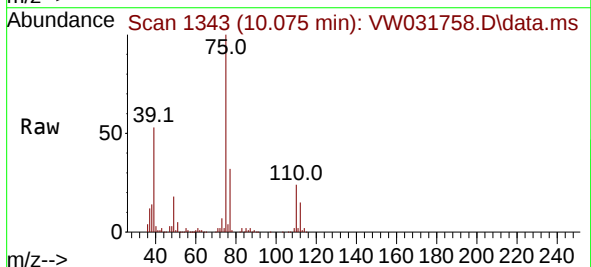
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

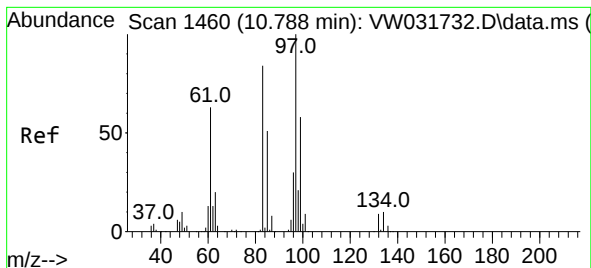
Tgt Ion: 75 Resp: 219704
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 55.005 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031758.D
 Acq: 03 Jul 2025 10:09

Tgt Ion: 75 Resp: 246950
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2
 39 52.5 41.8 62.6

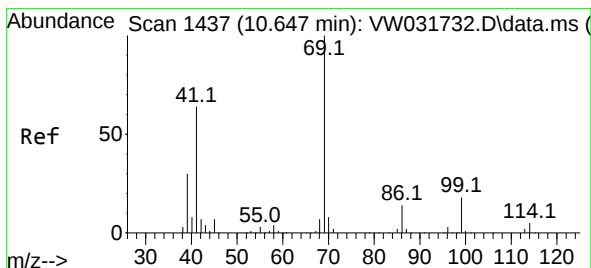
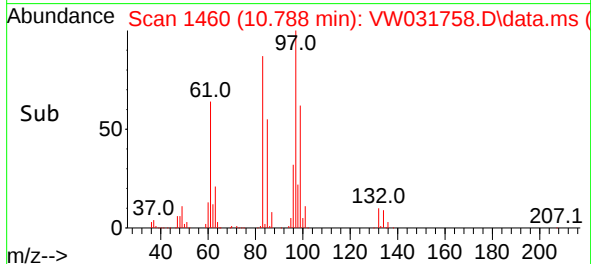
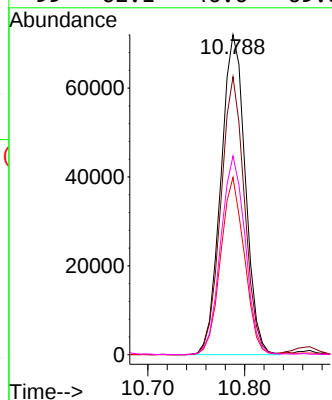
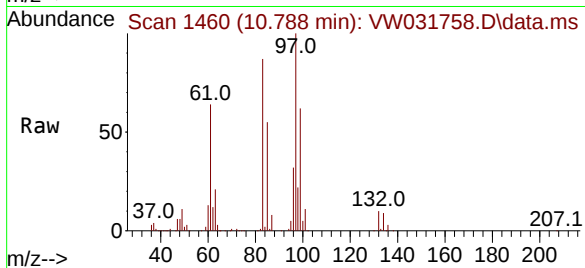




#55
1,1,2-Trichloroethane
Concen: 53.646 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

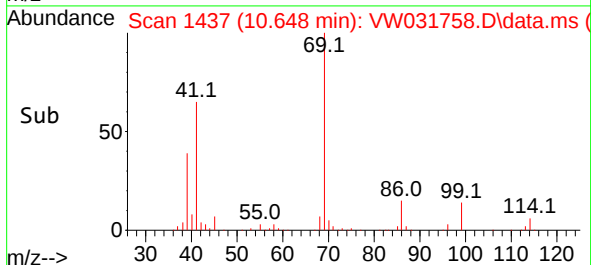
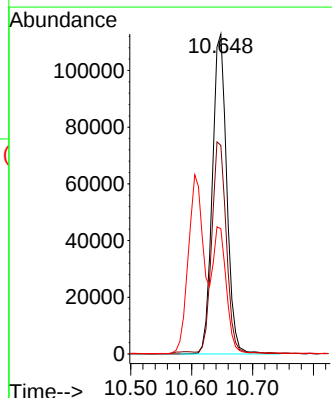
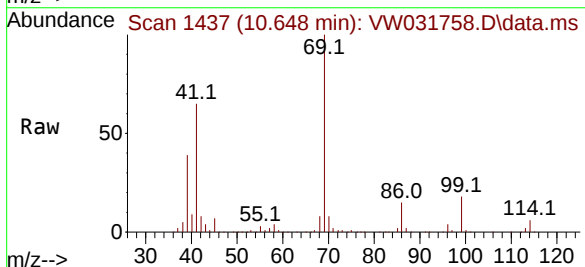
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	126491
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.9	100.3
85	55.4	41.1	61.7
99	62.1	46.6	69.8



#56
Ethyl methacrylate
Concen: 57.951 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:	69	Resp:	185375
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.3	79.9
39	35.5	30.2	45.2





#57

1,3-Dichloropropane

Concen: 54.661 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

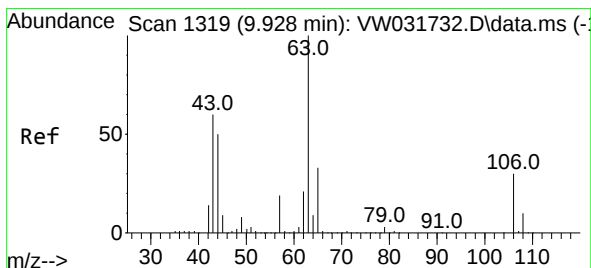
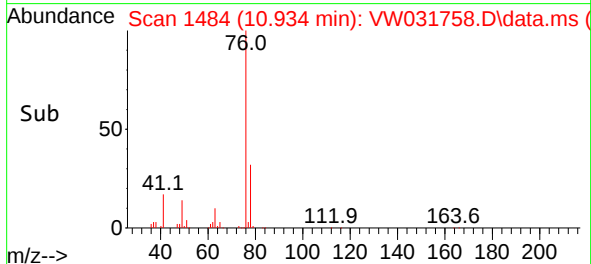
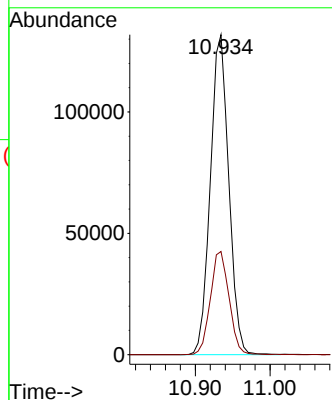
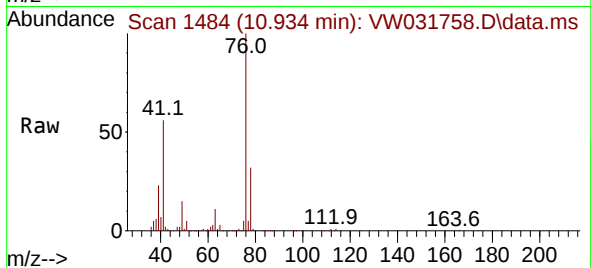
VSTDCCC050

Tgt Ion: 76 Resp: 226283

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 272.874 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031758.D

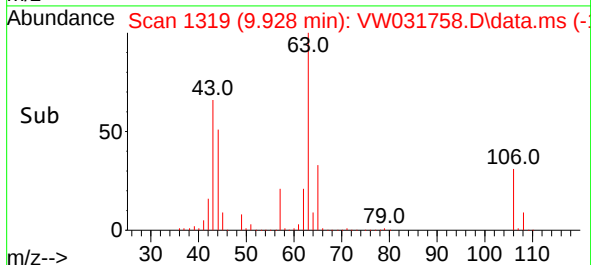
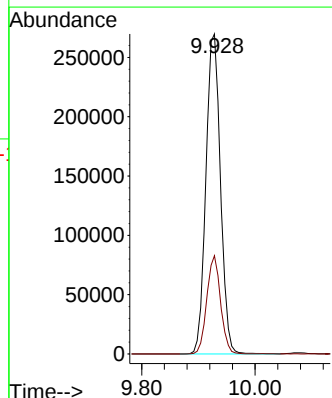
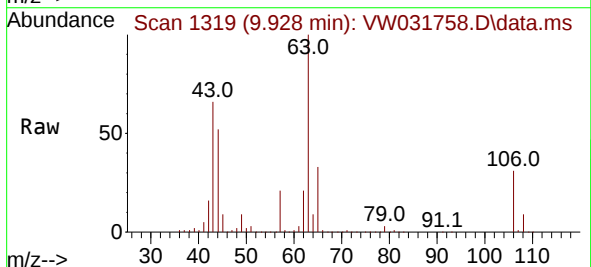
Acq: 03 Jul 2025 10:09

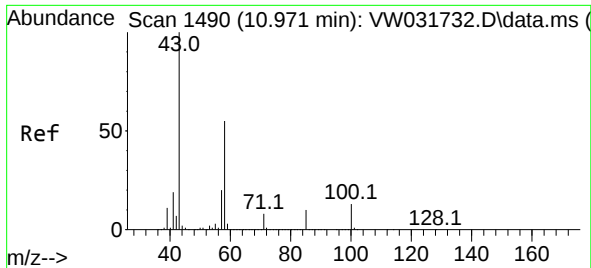
Tgt Ion: 63 Resp: 480650

Ion Ratio Lower Upper

63 100

106 29.0 24.1 36.1

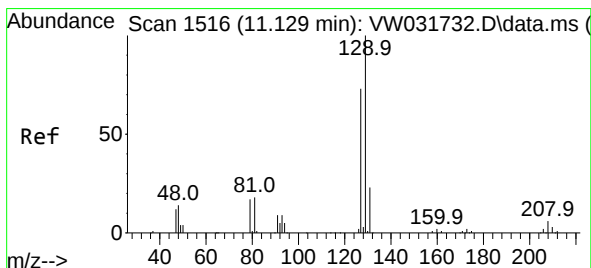
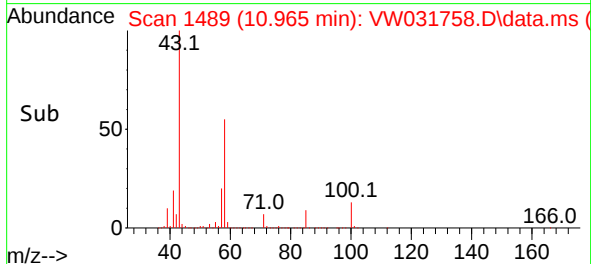
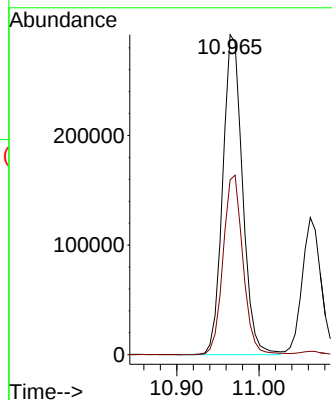
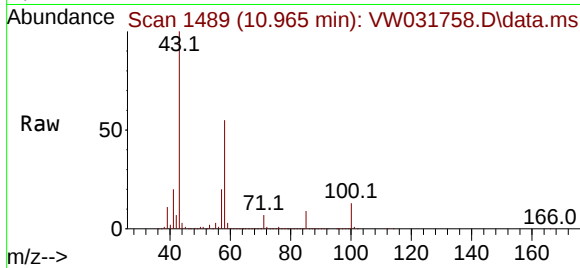




#59
2-Hexanone
Concen: 295.712 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

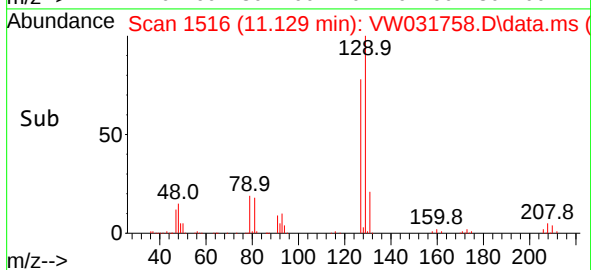
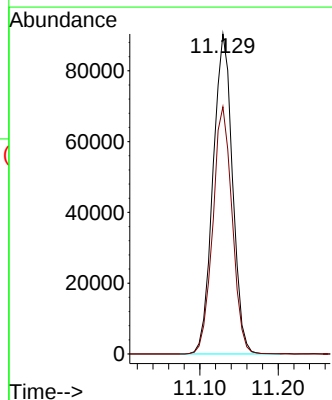
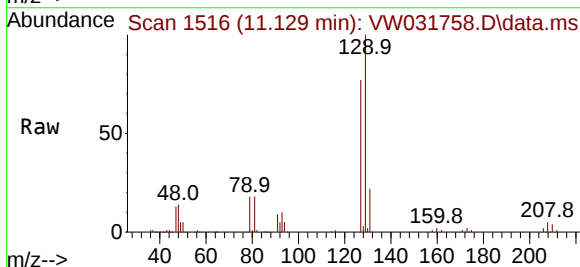
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

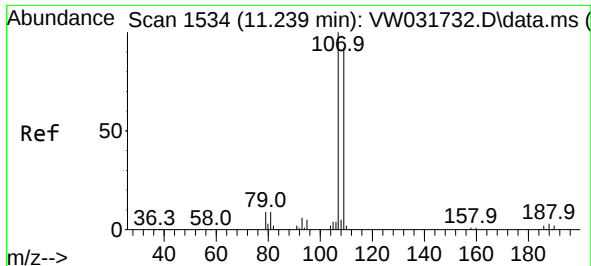
Tgt Ion: 43 Resp: 488457
Ion Ratio Lower Upper
43 100
58 56.3 27.9 83.6



#60
Dibromochloromethane
Concen: 55.445 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:129 Resp: 156333
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1

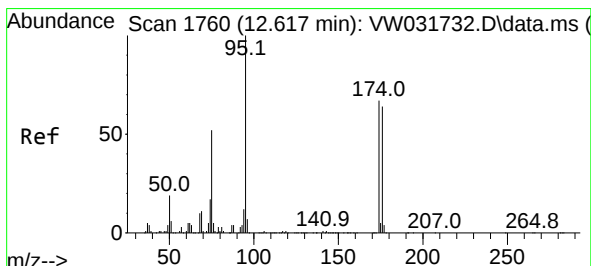
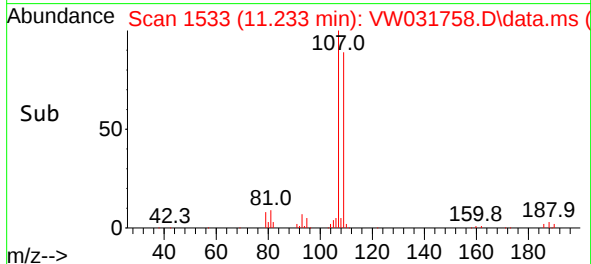
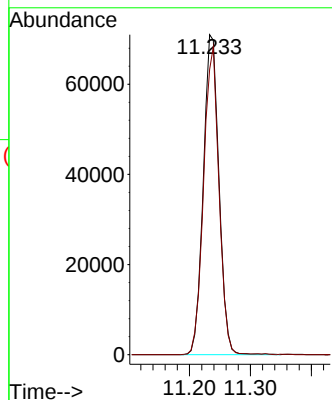
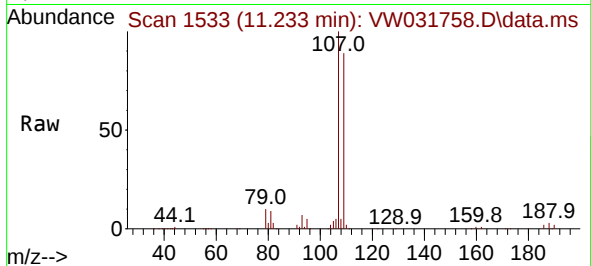




#61
1,2-Dibromoethane
Concen: 53.791 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

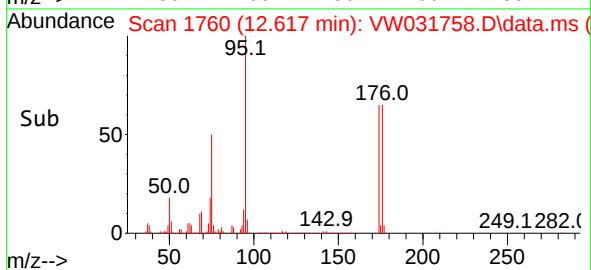
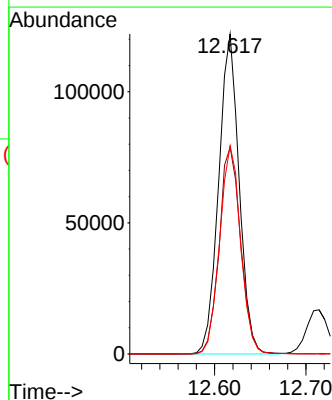
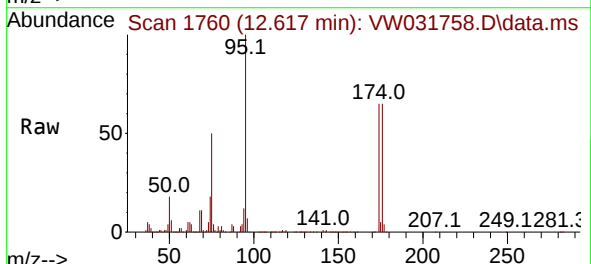
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

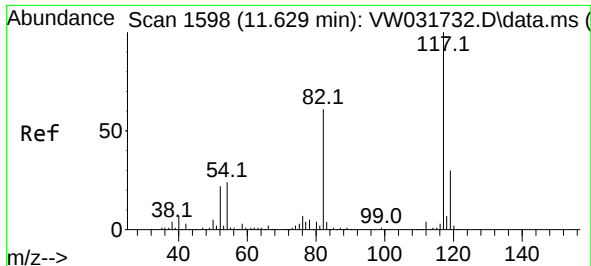
Tgt Ion:107 Resp: 126970
Ion Ratio Lower Upper
107 100
109 94.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.442 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 95 Resp: 189828
Ion Ratio Lower Upper
95 100
174 67.7 0.0 133.8
176 66.7 0.0 126.0

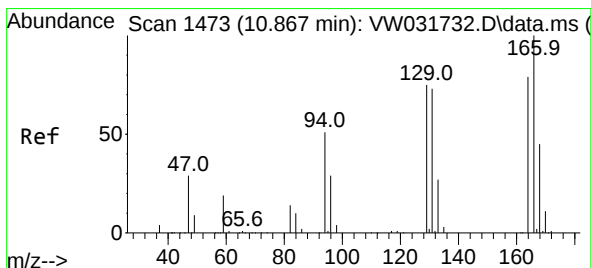
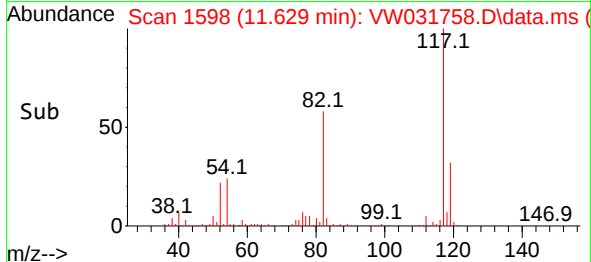
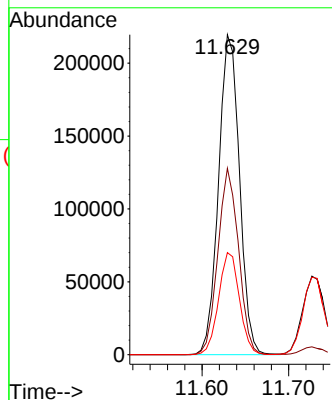
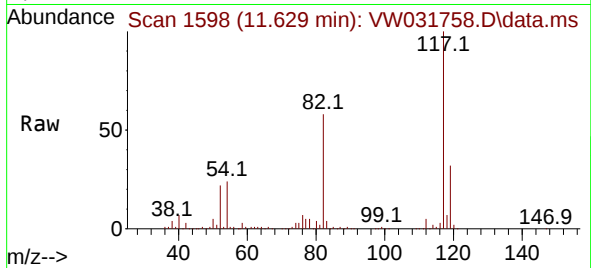




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

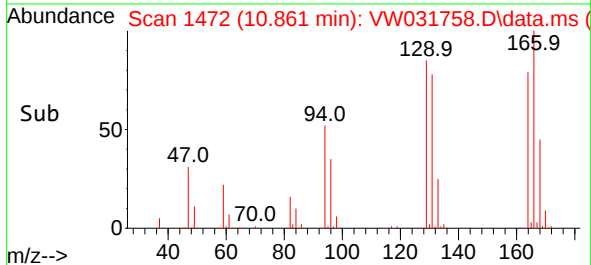
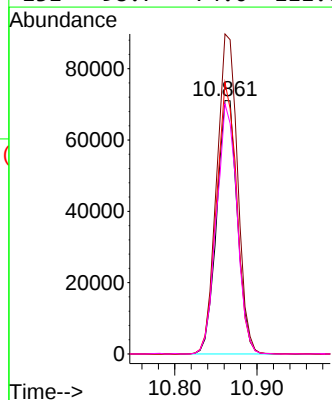
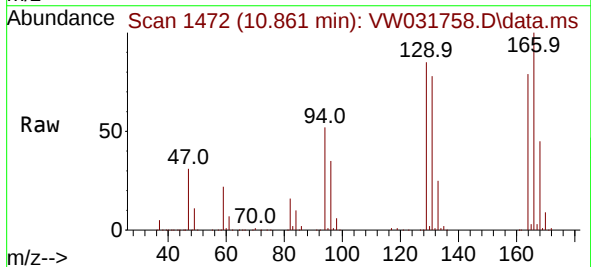
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

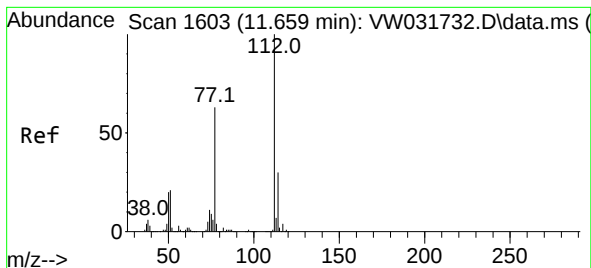
Tgt Ion:117 Resp: 369107
Ion Ratio Lower Upper
117 100
82 58.3 48.6 72.8
119 31.9 23.9 35.9



#64
Tetrachloroethene
Concen: 51.396 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:164 Resp: 124089
Ion Ratio Lower Upper
164 100
166 126.3 100.7 151.1
129 107.2 75.4 113.0
131 98.7 74.0 111.0





#65

Chlorobenzene

Concen: 53.285 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

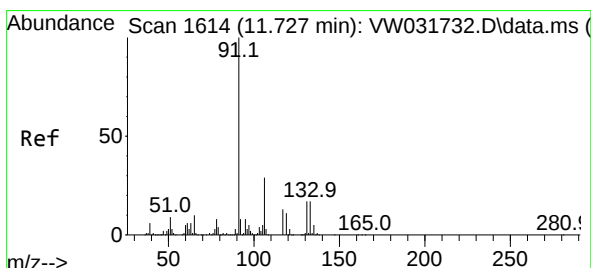
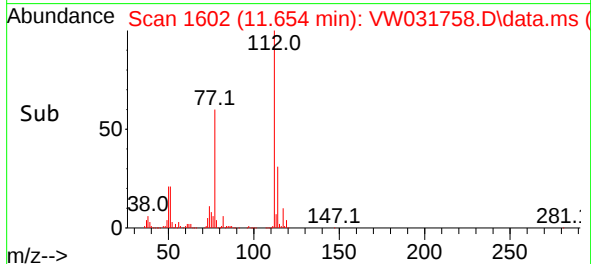
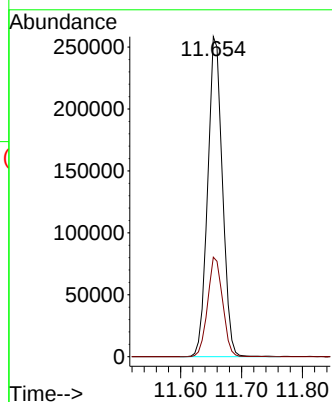
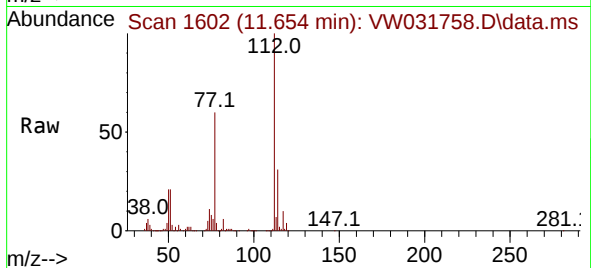
VSTDCCC050

Tgt Ion:112 Resp: 433941

Ion Ratio Lower Upper

112 100

114 31.1 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 55.754 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

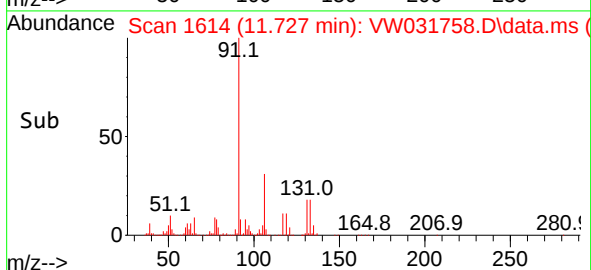
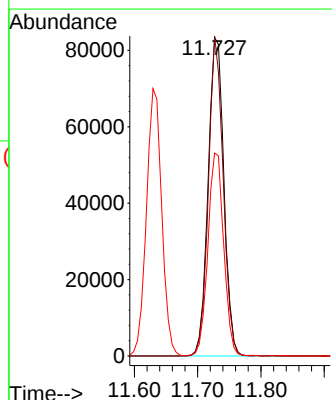
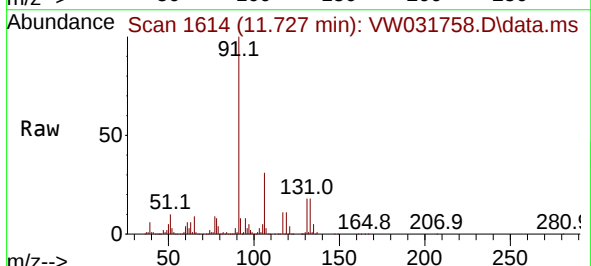
Tgt Ion:131 Resp: 144690

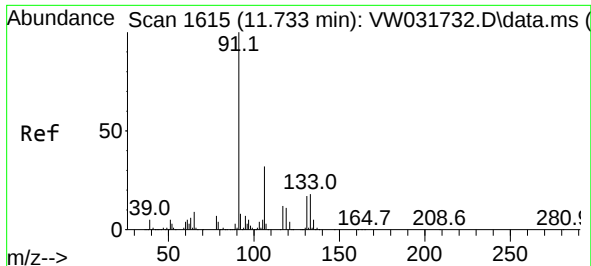
Ion Ratio Lower Upper

131 100

133 93.7 48.5 145.6

119 64.0 32.5 97.5





#67

Ethyl Benzene

Concen: 54.103 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

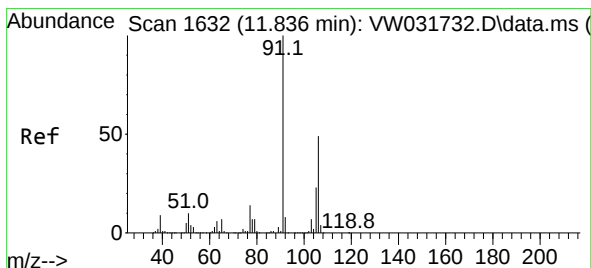
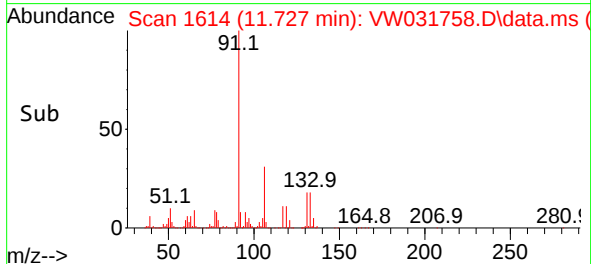
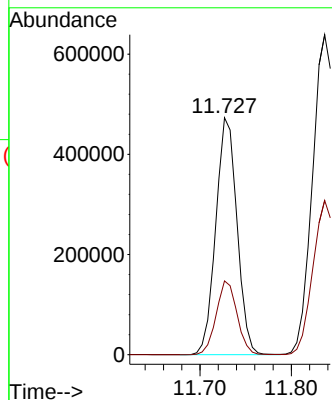
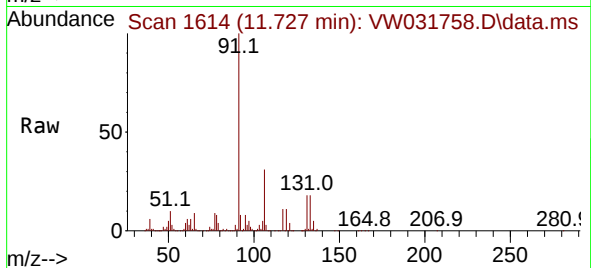
VSTDCCC050

Tgt Ion: 91 Resp: 764020

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 106.012 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031758.D

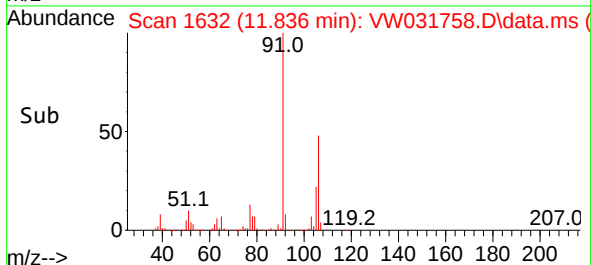
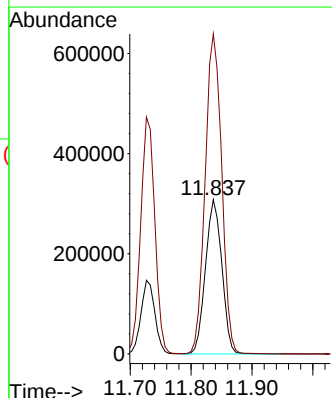
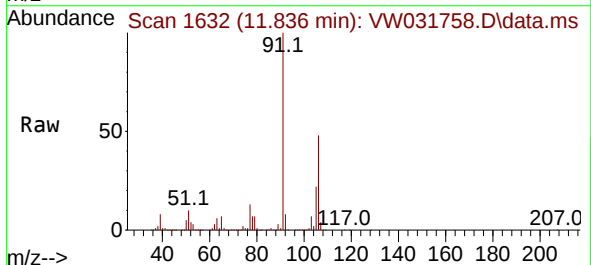
Acq: 03 Jul 2025 10:09

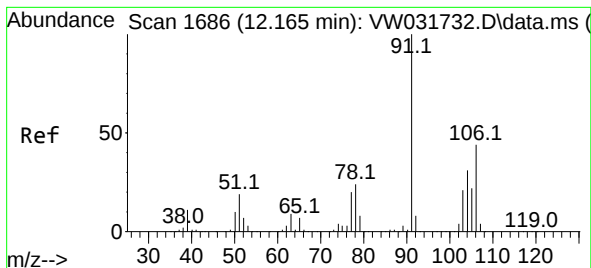
Tgt Ion: 106 Resp: 575494

Ion Ratio Lower Upper

106 100

91 209.7 166.4 249.6





#69

o-Xylene

Concen: 56.176 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

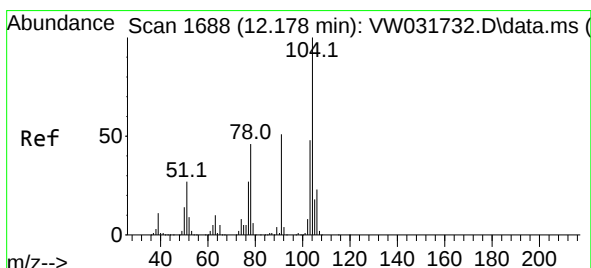
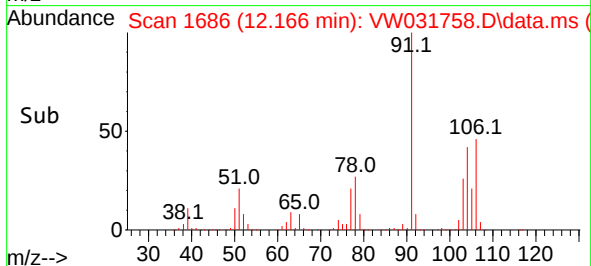
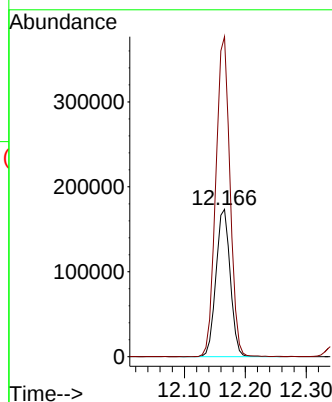
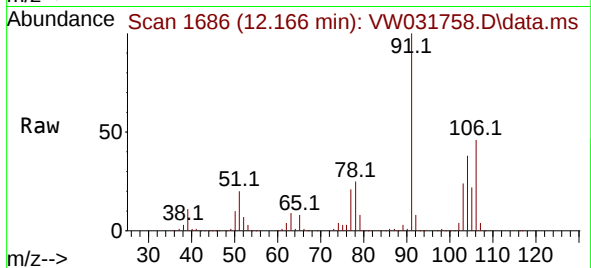
VSTDCCC050

Tgt Ion:106 Resp: 282356

Ion Ratio Lower Upper

106 100

91 215.7 111.5 334.4



#70

Styrene

Concen: 54.825 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

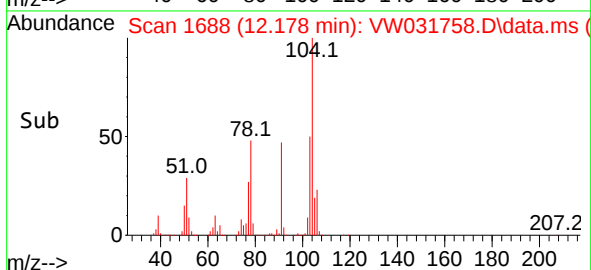
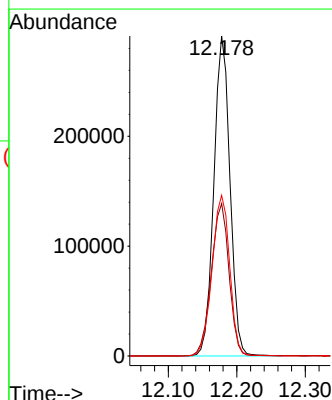
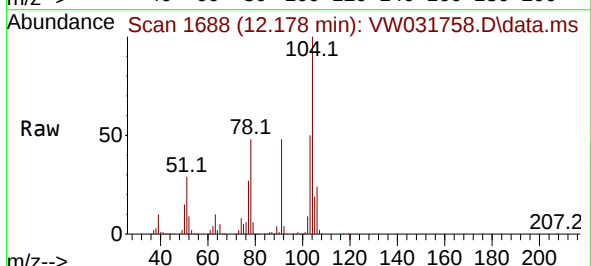
Tgt Ion:104 Resp: 476391

Ion Ratio Lower Upper

104 100

78 52.5 42.1 63.1

103 55.0 43.0 64.6





#71

Bromoform

Concen: 56.107 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

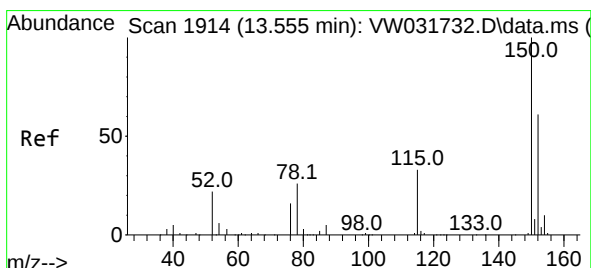
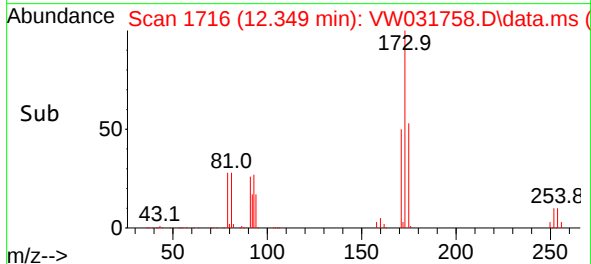
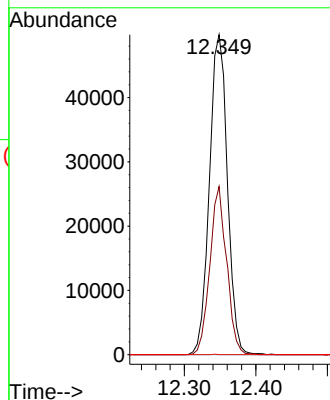
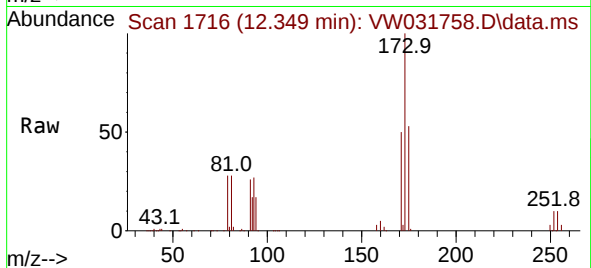
Tgt Ion:173 Resp: 86862

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

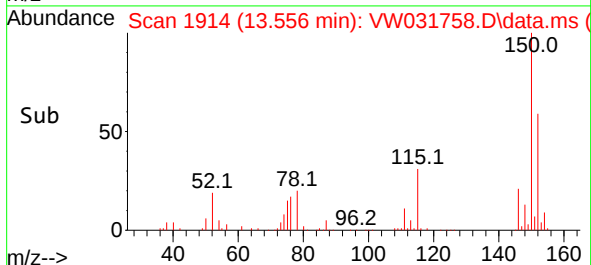
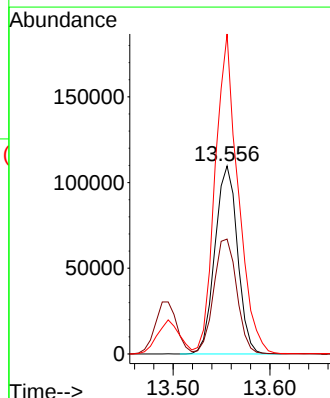
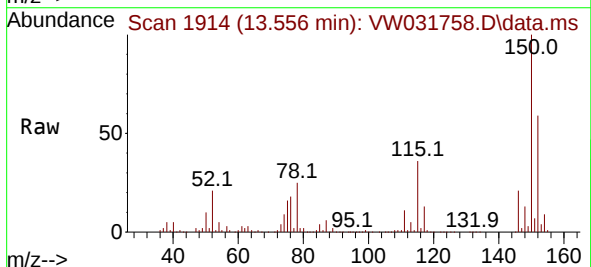
Tgt Ion:152 Resp: 177341

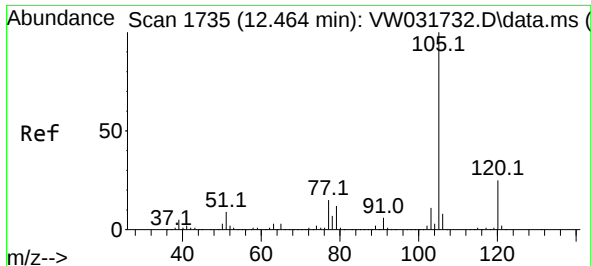
Ion Ratio Lower Upper

152 100

115 62.9 31.9 95.7

150 173.2 0.0 356.4

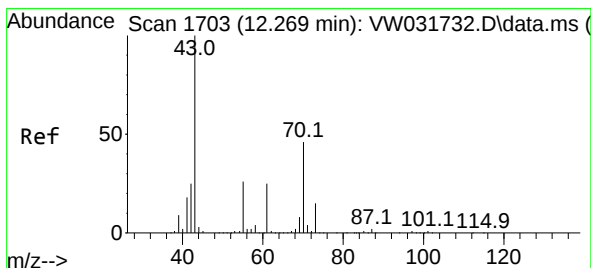
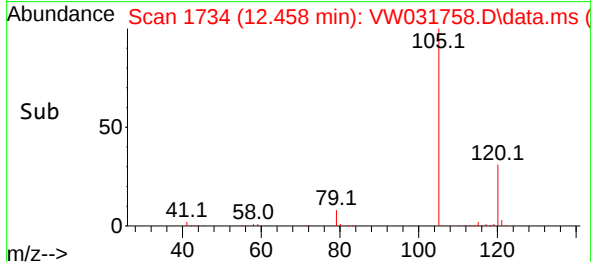
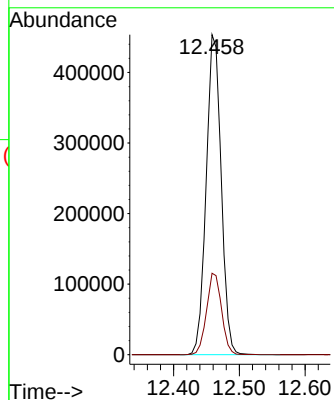
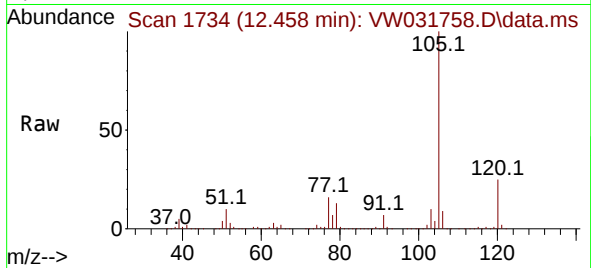




#73
Isopropylbenzene
Concen: 53.266 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

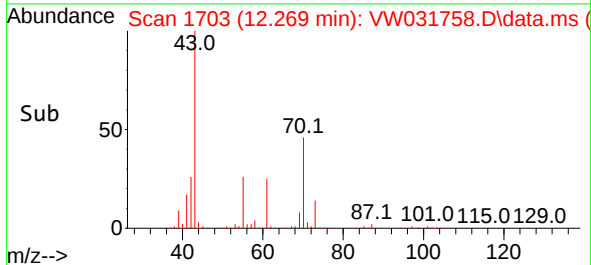
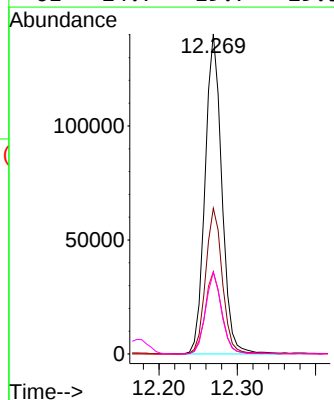
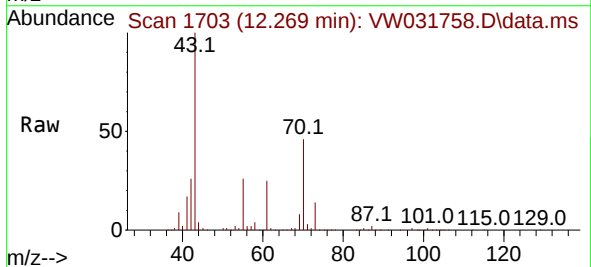
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

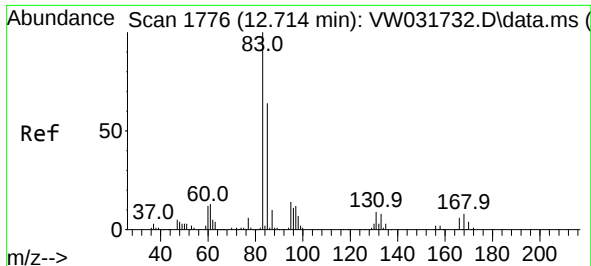
Tgt Ion:105 Resp: 718531
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 57.302 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 43 Resp: 208344
Ion Ratio Lower Upper
43 100
70 45.3 36.0 54.0
55 25.7 20.8 31.2
61 24.7 19.7 29.5

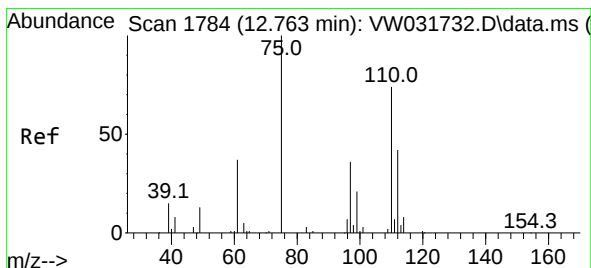
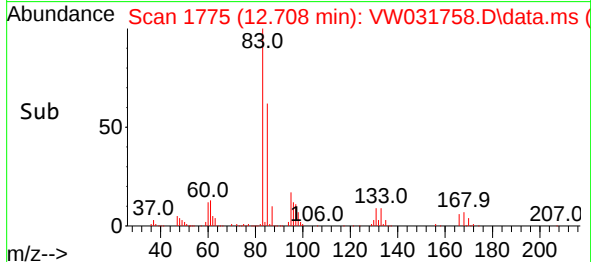
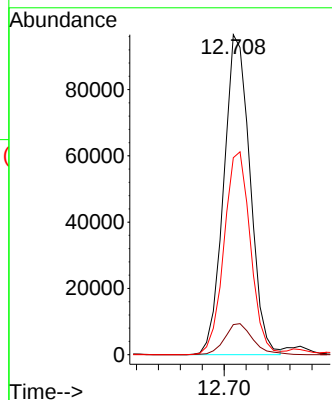
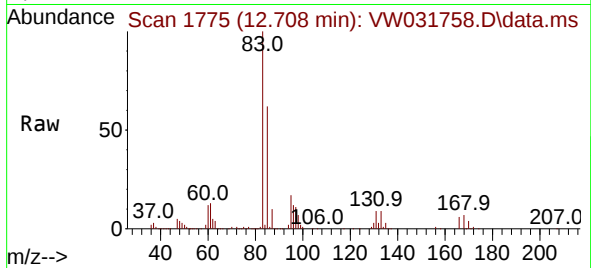




#75
1,1,2,2-Tetrachloroethane
Concen: 53.688 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

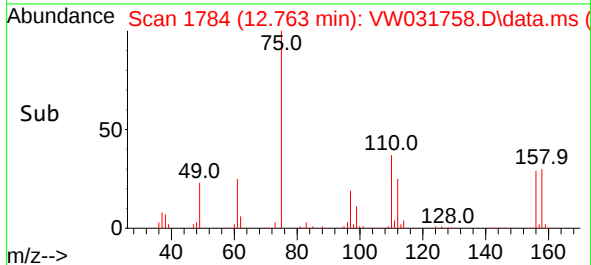
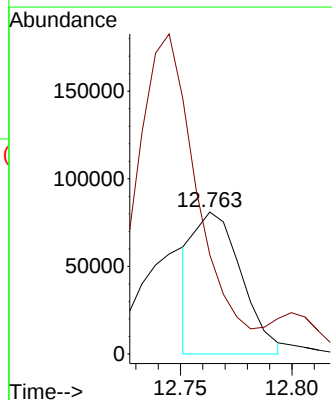
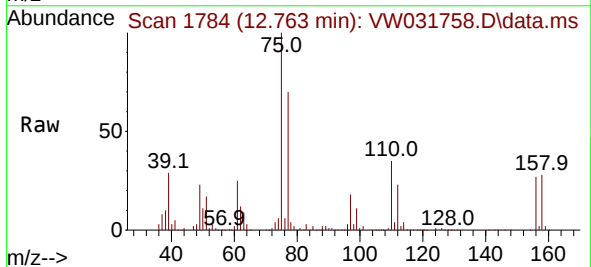
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

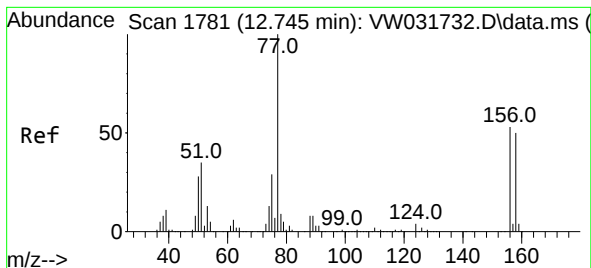
Tgt Ion: 83 Resp: 160786
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 63.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 52.626 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 75 Resp: 120606
Ion Ratio Lower Upper
75 100
77 285.9 141.2 423.6





#77

Bromobenzene

Concen: 53.228 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

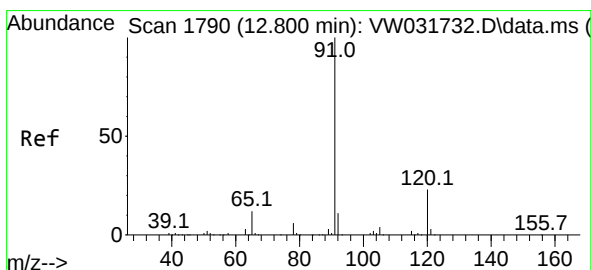
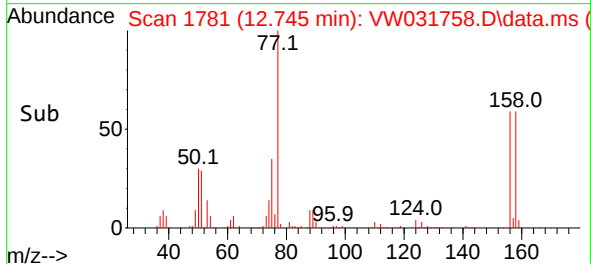
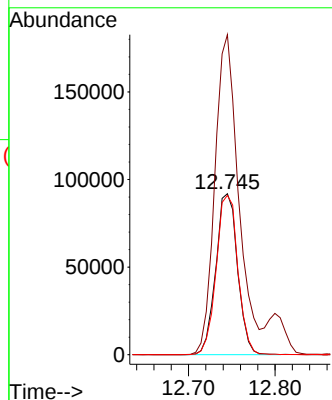
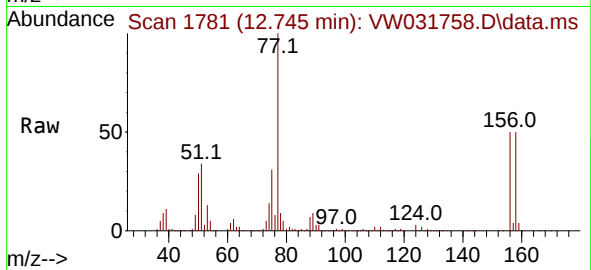
Tgt Ion:156 Resp: 160143

Ion Ratio Lower Upper

156 100

77 215.3 117.9 353.7

158 99.1 52.6 157.8



#78

n-propylbenzene

Concen: 53.224 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031758.D

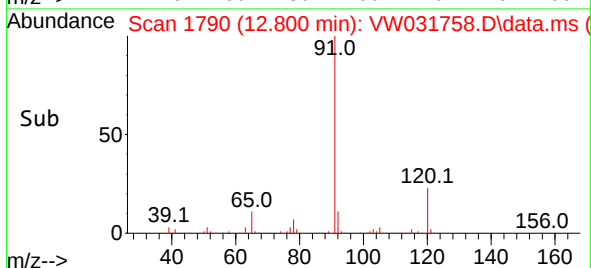
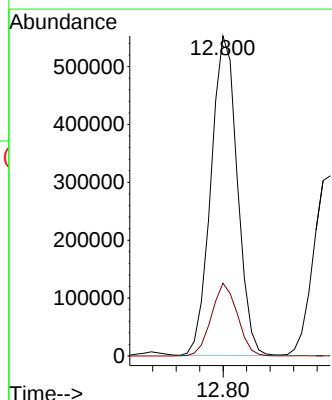
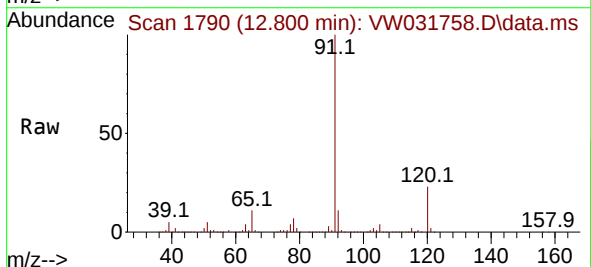
Acq: 03 Jul 2025 10:09

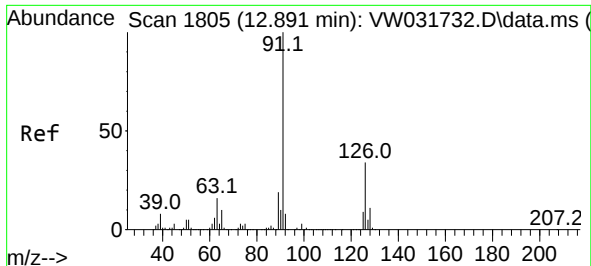
Tgt Ion: 91 Resp: 859754

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

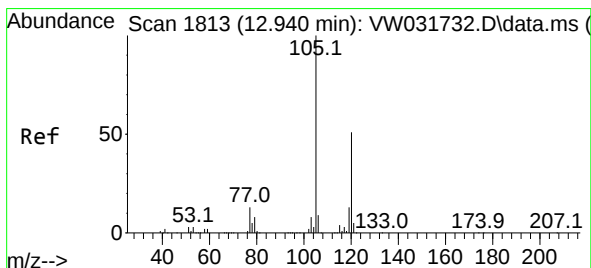
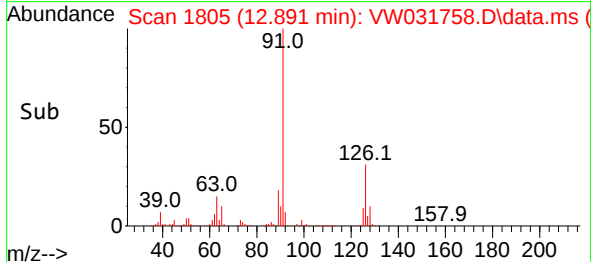
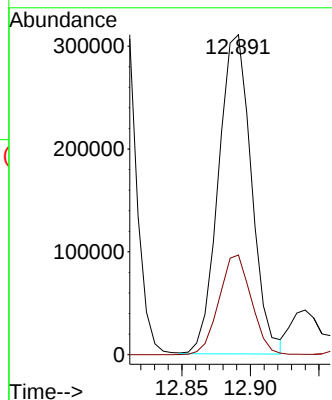
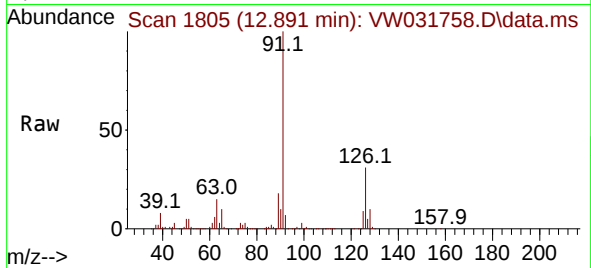




#79
2-Chlorotoluene
Concen: 53.505 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

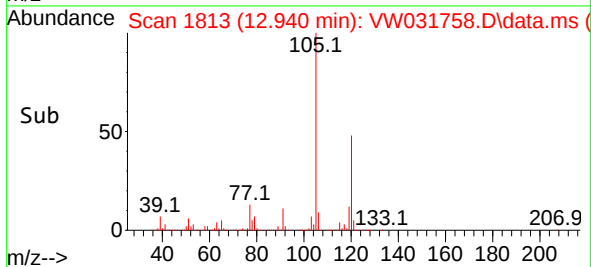
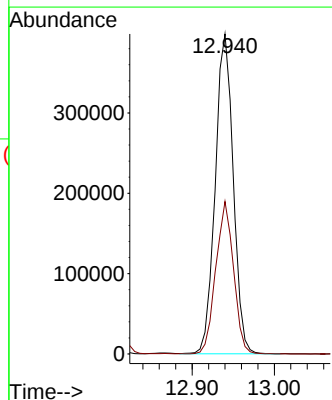
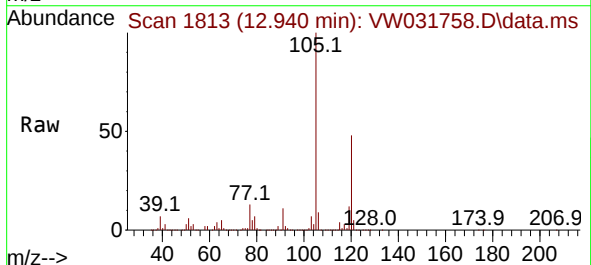
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 520448
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 54.197 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:105 Resp: 605160
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.2

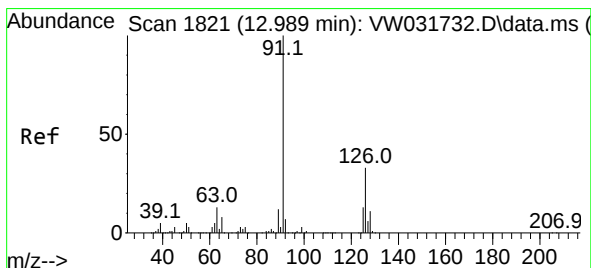
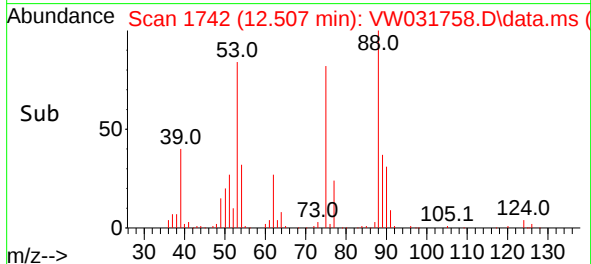
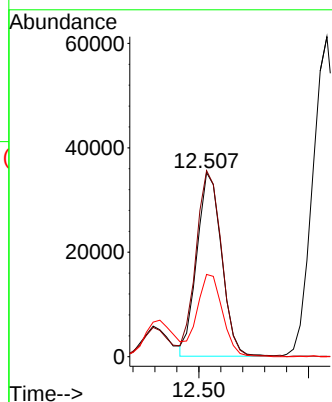
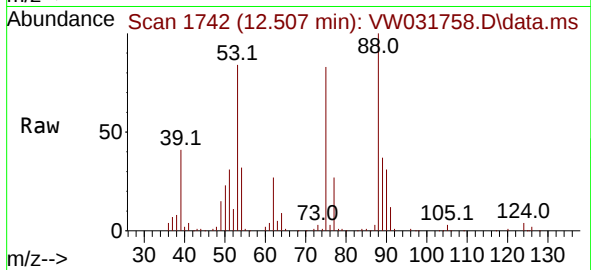




#81
trans-1,4-Dichloro-2-butene
Concen: 55.869 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

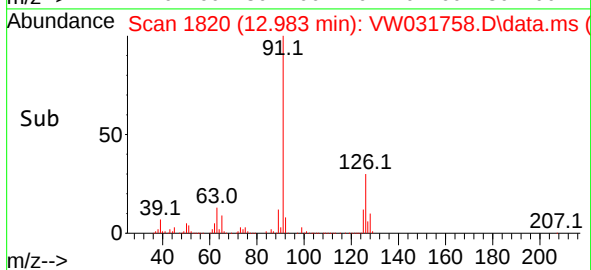
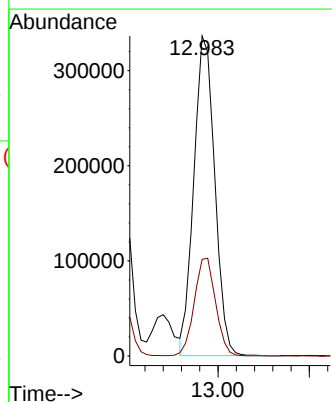
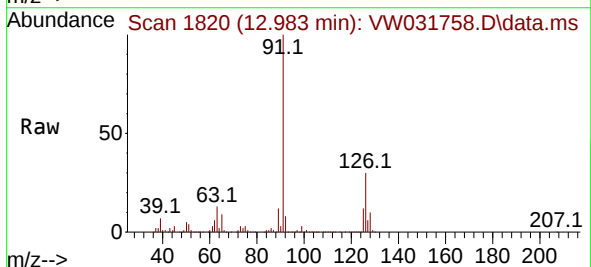
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

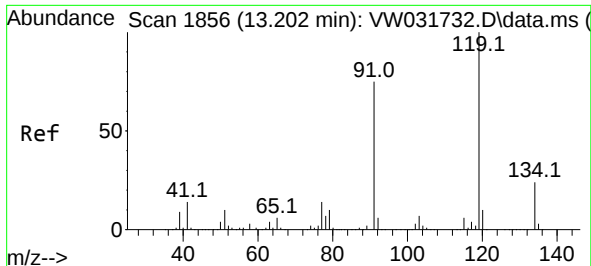
Tgt Ion: 75 Resp: 54972
Ion Ratio Lower Upper
75 100
53 105.1 83.5 125.3
89 46.8 38.3 57.5



#82
4-Chlorotoluene
Concen: 52.308 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 91 Resp: 534185
Ion Ratio Lower Upper
91 100
126 31.4 16.0 47.9

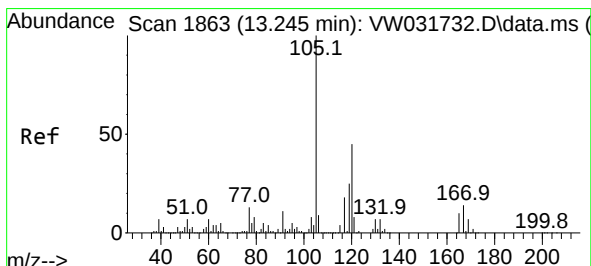
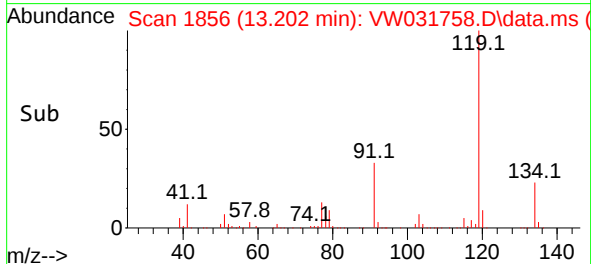
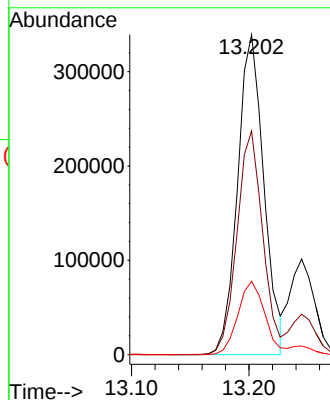
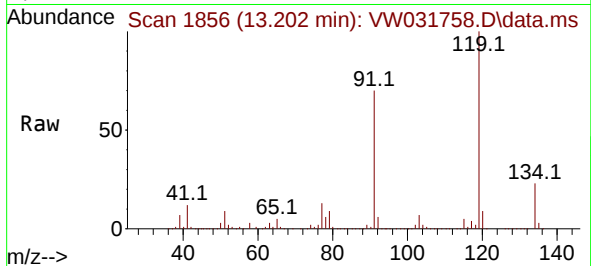




#83
tert-Butylbenzene
Concen: 55.078 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

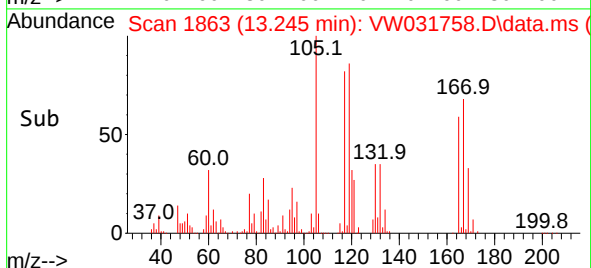
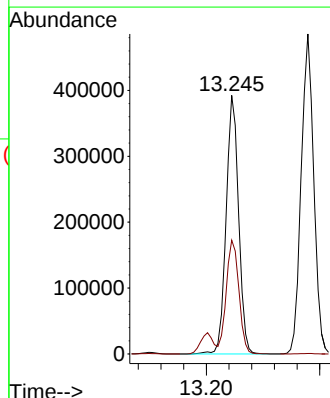
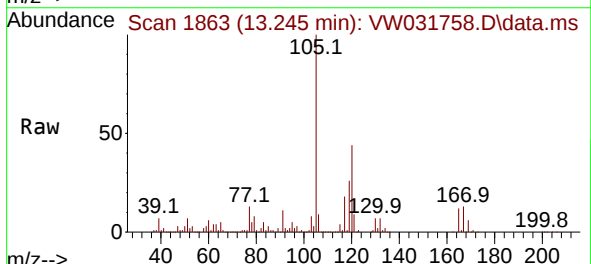
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 526804
Ion Ratio Lower Upper
119 100
91 68.6 36.0 108.1
134 23.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 52.846 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:105 Resp: 597874
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 52.031 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

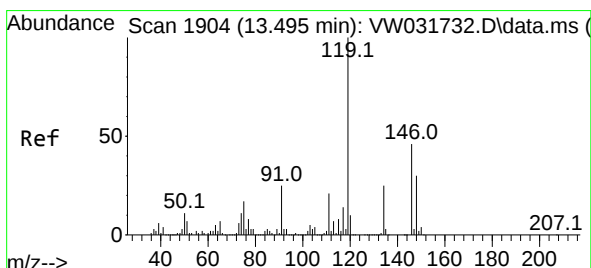
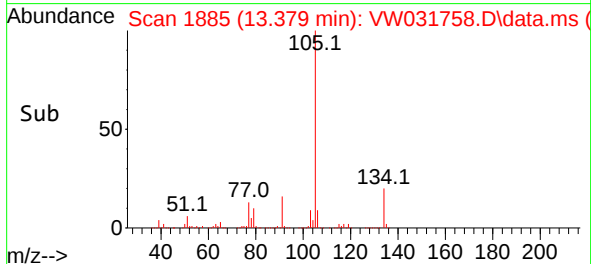
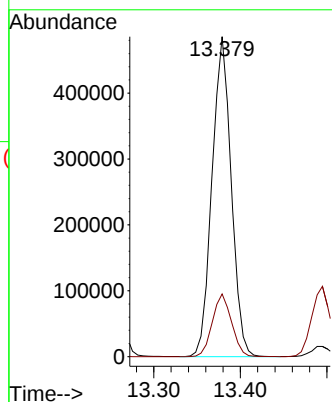
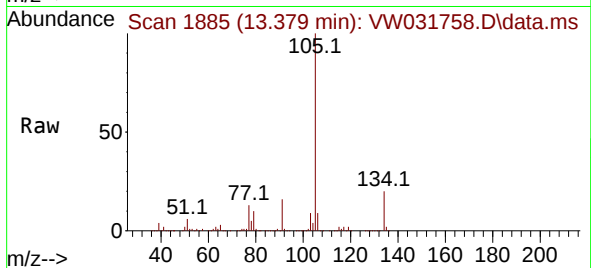
VSTDCCC050

Tgt Ion:105 Resp: 746971

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 52.932 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

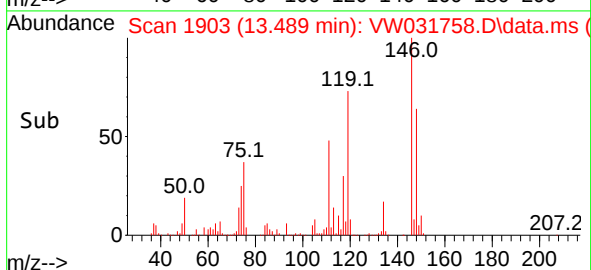
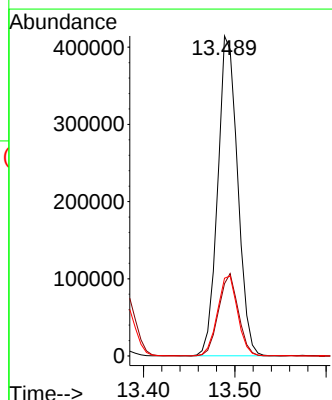
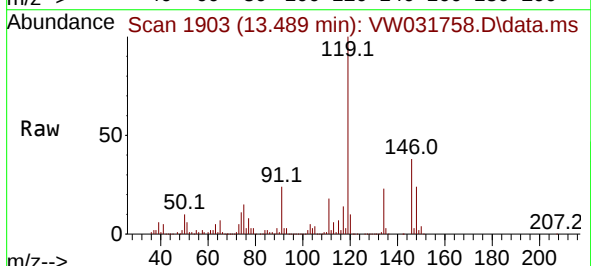
Tgt Ion:119 Resp: 626275

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.177 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

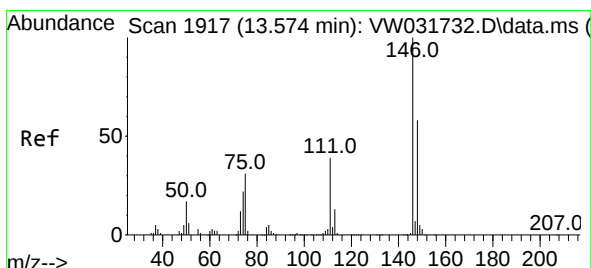
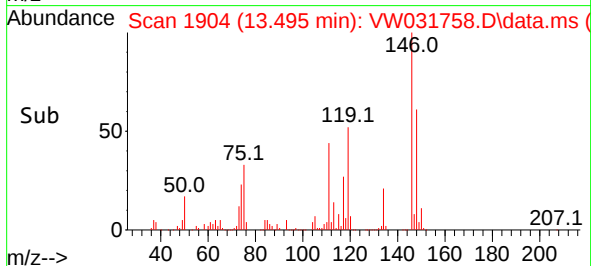
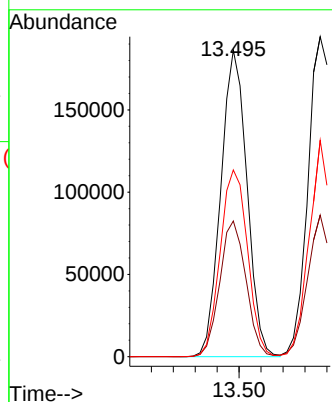
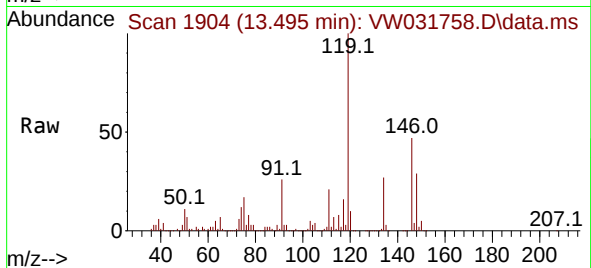
Tgt Ion:146 Resp: 308784

Ion Ratio Lower Upper

146 100

111 44.5 22.3 66.9

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.006 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

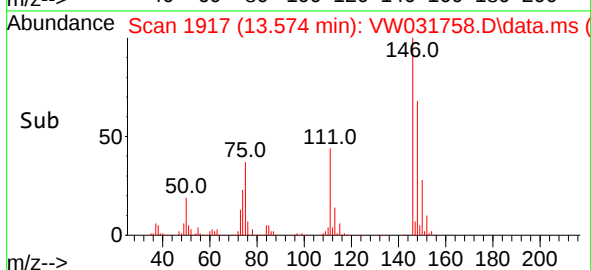
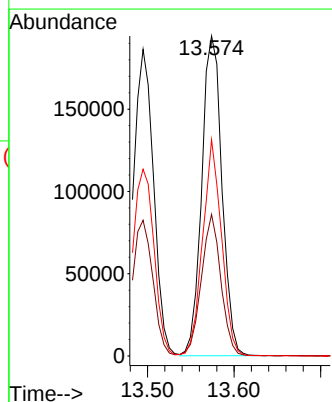
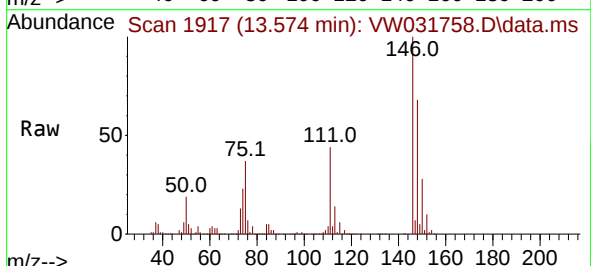
Tgt Ion:146 Resp: 314998

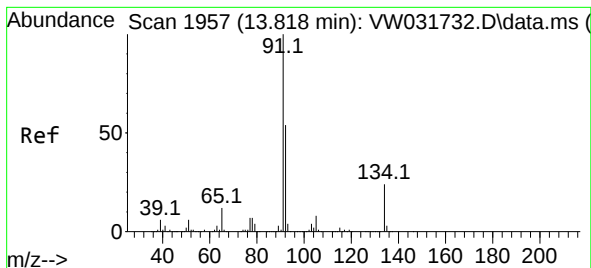
Ion Ratio Lower Upper

146 100

111 42.9 20.4 61.3

148 63.1 30.2 90.6





#89

n-Butylbenzene

Concen: 52.882 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

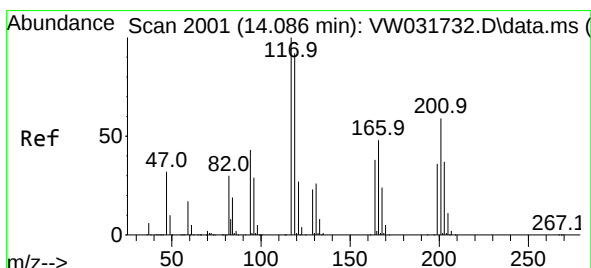
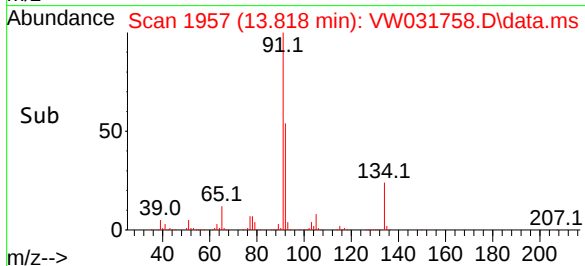
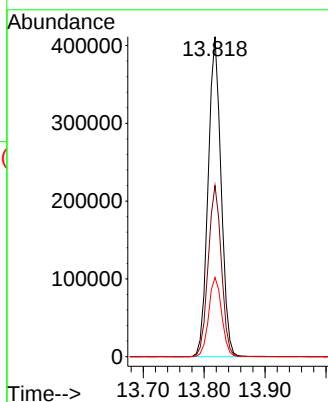
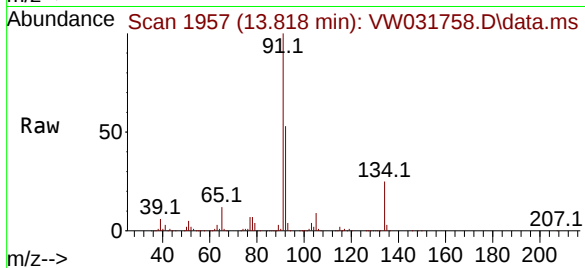
Tgt Ion: 91 Resp: 607914

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

134 24.8 12.2 36.6



#90

Hexachloroethane

Concen: 50.987 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031758.D

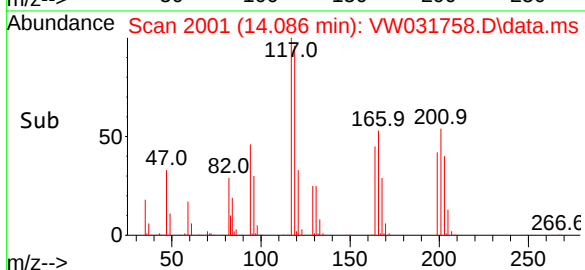
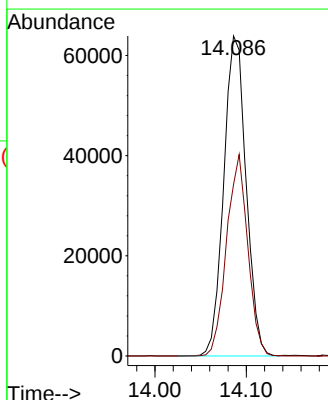
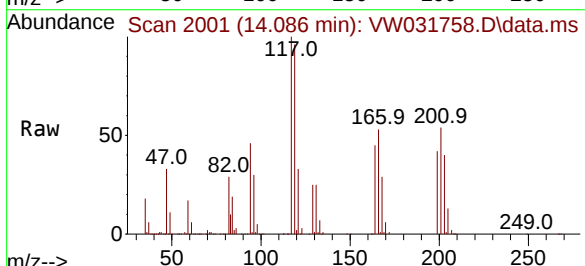
Acq: 03 Jul 2025 10:09

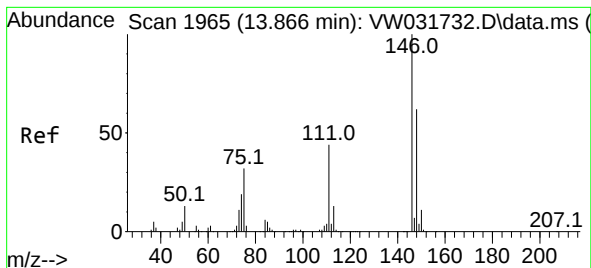
Tgt Ion: 117 Resp: 108832

Ion Ratio Lower Upper

117 100

201 59.6 31.1 93.3

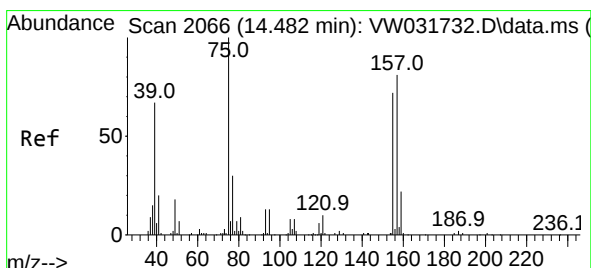
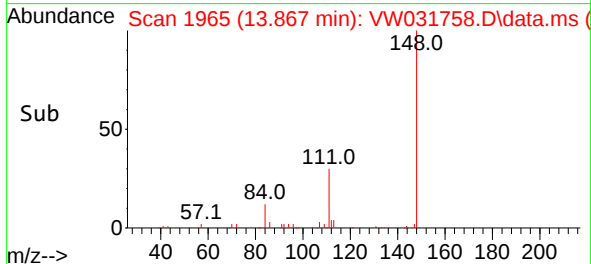
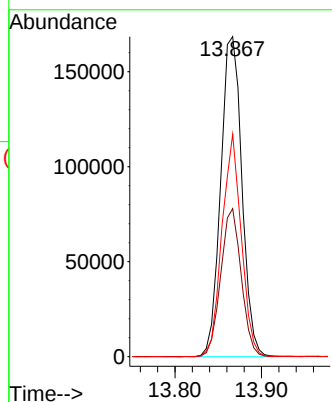
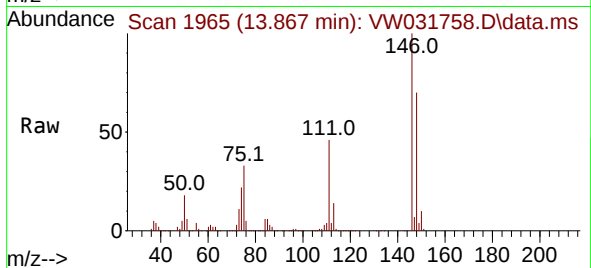




#91
1,2-Dichlorobenzene
Concen: 51.930 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

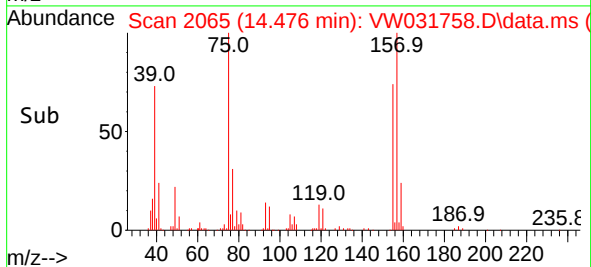
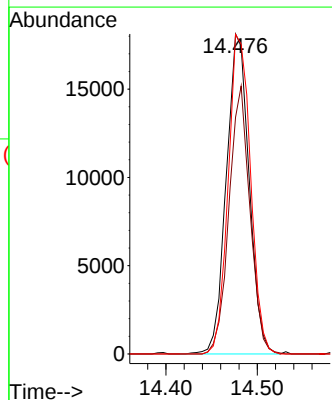
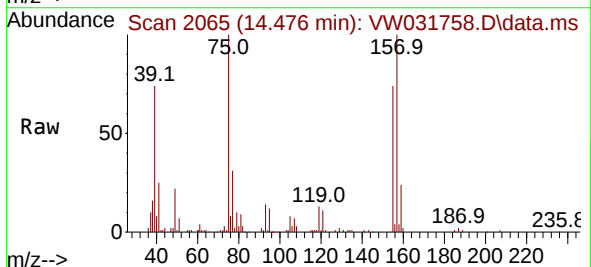
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

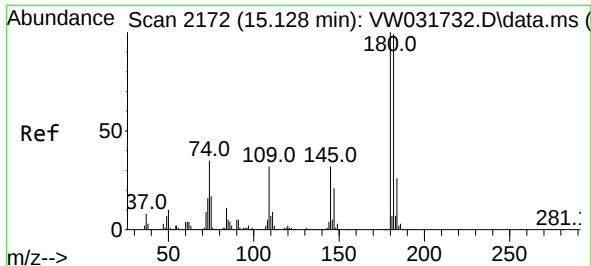
Tgt Ion:146 Resp: 286378
Ion Ratio Lower Upper
146 100
111 44.8 21.7 65.1
148 63.4 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.615 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion: 75 Resp: 31352
Ion Ratio Lower Upper
75 100
155 77.2 37.2 111.6
157 97.9 45.6 136.9

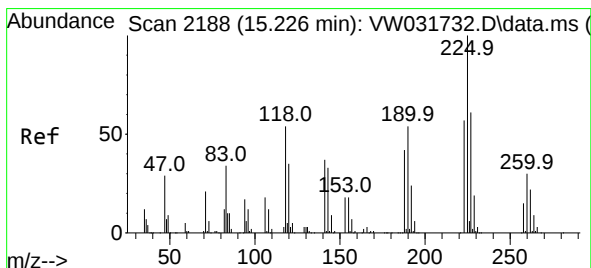
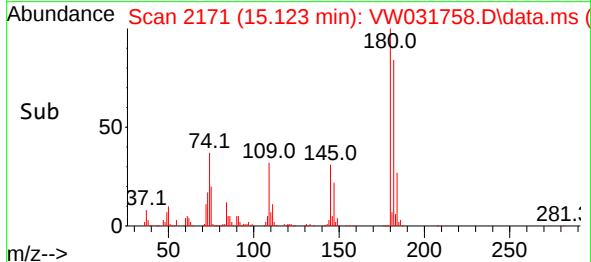
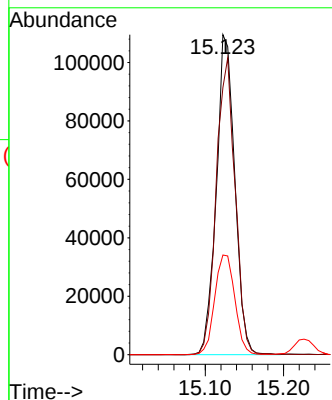
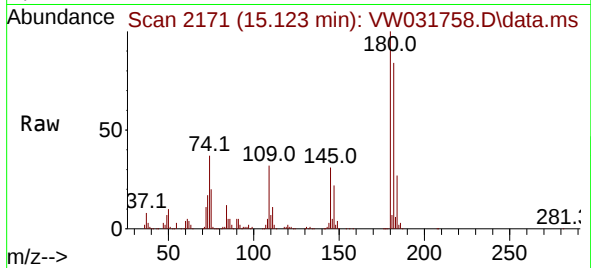




#93
1,2,4-Trichlorobenzene
Concen: 52.926 ug/l
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

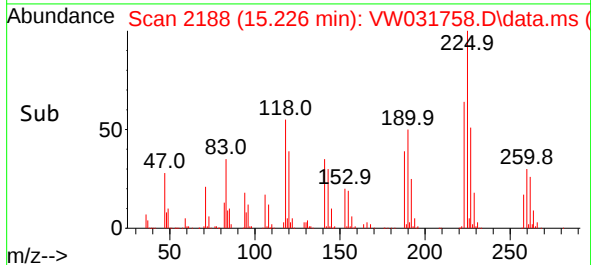
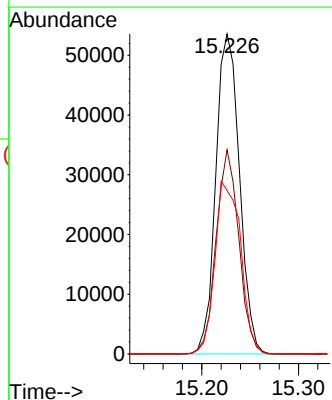
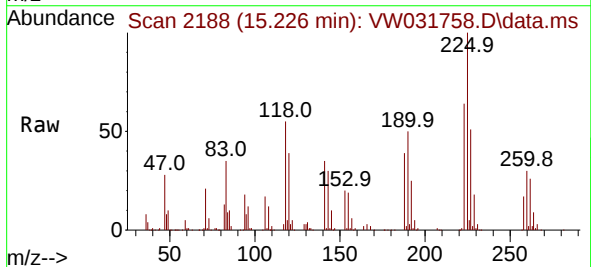
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

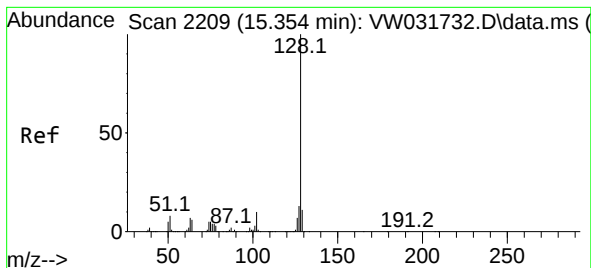
Tgt Ion:180 Resp: 180003
Ion Ratio Lower Upper
180 100
182 94.7 48.6 145.9
145 33.9 17.3 51.7



#94
Hexachlorobutadiene
Concen: 55.390 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031758.D
Acq: 03 Jul 2025 10:09

Tgt Ion:225 Resp: 90965
Ion Ratio Lower Upper
225 100
223 61.2 32.6 97.8
227 58.5 37.3 111.8





#95

Naphthalene

Concen: 55.004 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

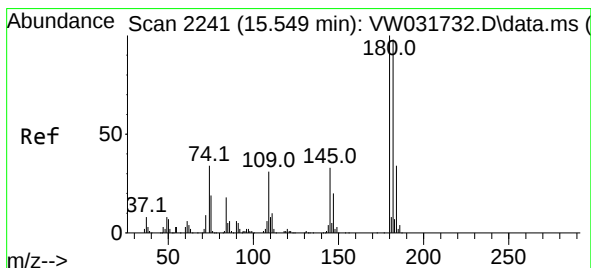
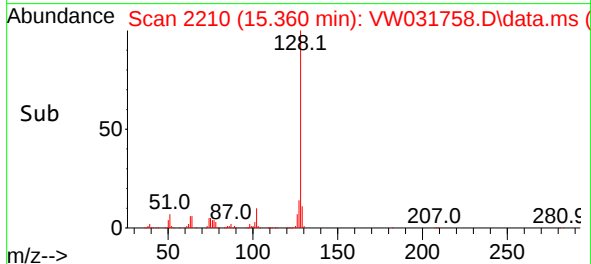
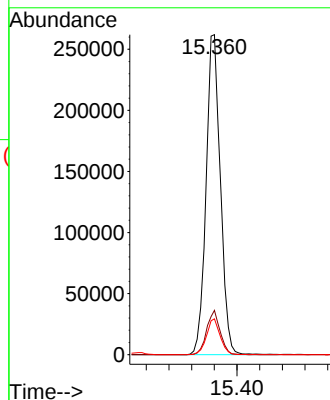
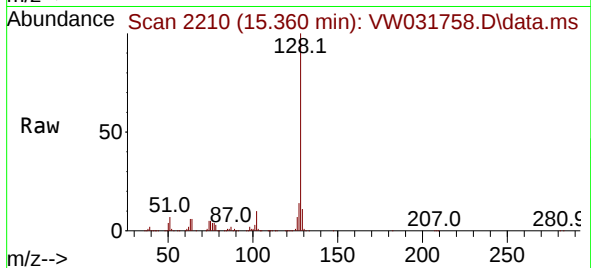
Tgt Ion:128 Resp: 458625

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.241 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031758.D

Acq: 03 Jul 2025 10:09

Tgt Ion:180 Resp: 166380

Ion Ratio Lower Upper

180 100

182 93.1 46.4 139.1

145 35.0 17.8 53.3

