

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031755.D
 Acq On : 02 Jul 2025 13:22
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

Quant Time: Jul 03 06:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 06:15:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	218176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	400625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	358413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169859	54.249	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.500%	
35) Dibromofluoromethane	7.904	113	138395	52.939	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 105.880%	
50) Toluene-d8	10.331	98	497751	51.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.617	95	186907	52.206	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	3732	2.512	ug/l	100
3) Chloromethane	2.253	50	5677	3.169	ug/l	95
4) Vinyl Chloride	2.405	62	5563	2.363	ug/l	93
5) Bromomethane	2.832	94	4926	2.679	ug/l	92
6) Chloroethane	2.972	64	4111	2.570	ug/l	97
7) Trichlorofluoromethane	3.301	101	5016	2.346	ug/l	90
8) Diethyl Ether	3.722	74	6534	4.021	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	6627	2.792	ug/l	96
10) Methyl Iodide	4.307	142	9063	2.477	ug/l	96
11) Tert butyl alcohol	5.228	59	2707	13.955	ug/l #	88
12) 1,1-Dichloroethene	4.076	96	6897	2.653	ug/l	92
13) Acrolein	3.942	56	1505	4.317	ug/l	95
14) Allyl chloride	4.704	41	10664	2.674	ug/l	92
15) Acrylonitrile	5.417	53	10579	13.240	ug/l	97
16) Acetone	4.167	43	11570	14.950	ug/l	99
17) Carbon Disulfide	4.429	76	15488	2.226	ug/l	98
18) Methyl Acetate	4.716	43	7430	3.359	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	11174	2.532	ug/l #	84
20) Methylene Chloride	4.954	84	27922	7.856	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	6963	2.521	ug/l	91
22) Diisopropyl ether	6.338	45	19273	2.477	ug/l #	90
23) Vinyl Acetate	6.289	43	57235	10.771	ug/l	96
24) 1,1-Dichloroethane	6.246	63	13626	2.702	ug/l	98
25) 2-Butanone	7.197	43	12634	12.548	ug/l	95
26) 2,2-Dichloropropane	7.185	77	7331	2.491	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	7746	2.439	ug/l	96
28) Bromochloromethane	7.532	49	6028	2.708	ug/l	99
29) Tetrahydrofuran	7.557	42	8701	12.619	ug/l	94
30) Chloroform	7.697	83	13841	2.583	ug/l	99
31) Cyclohexane	7.971	56	15238	3.418	ug/l #	66
32) 1,1,1-Trichloroethane	7.886	97	10848	2.627	ug/l	97
36) 1,1-Dichloropropene	8.099	75	9536	2.521	ug/l	96
37) Ethyl Acetate	7.282	43	5769	2.417	ug/l	97
38) Carbon Tetrachloride	8.087	117	9389	2.436	ug/l	93
39) Methylcyclohexane	9.343	83	11437	2.430	ug/l	95
40) Benzene	8.337	78	28184	2.518	ug/l	99

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Quant Time: Jul 03 06:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 06:15:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	3153	2.466	ug/l	94
42) 1,2-Dichloroethane	8.416	62	10078	2.665	ug/l	95
43) Isopropyl Acetate	8.441	43	10300	2.504	ug/l	100
44) Trichloroethene	9.105	130	7184	2.572	ug/l	96
45) 1,2-Dichloropropane	9.374	63	7061	2.610	ug/l	97
46) Dibromomethane	9.465	93	4648	2.662	ug/l	98
47) Bromodichloromethane	9.648	83	10007	2.444	ug/l	98
48) Methyl methacrylate	9.447	41	4352	2.152	ug/l	92
49) 1,4-Dioxane	9.477	88	804	39.308	ug/l #	90
51) 4-Methyl-2-Pentanone	10.215	43	28230	11.937	ug/l	100
52) Toluene	10.392	92	18629	2.600	ug/l	94
53) t-1,3-Dichloropropene	10.611	75	8658	2.253	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	9848	2.261	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	5784	2.528	ug/l #	93
56) Ethyl methacrylate	10.648	69	7061	2.275	ug/l	97
57) 1,3-Dichloropropane	10.934	76	10251	2.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	18860	11.036	ug/l	99
59) 2-Hexanone	10.971	43	19192	11.976	ug/l	96
60) Dibromochloromethane	11.129	129	6435	2.352	ug/l	96
61) 1,2-Dibromoethane	11.239	107	6010	2.624	ug/l	92
64) Tetrachloroethene	10.867	164	5390	2.299	ug/l #	90
65) Chlorobenzene	11.660	112	20103	2.542	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	6092	2.417	ug/l	93
67) Ethyl Benzene	11.727	91	32943	2.402	ug/l	95
68) m/p-Xylenes	11.837	106	23902	4.534	ug/l	98
69) o-Xylene	12.166	106	11193	2.293	ug/l	97
70) Styrene	12.178	104	18859	2.235	ug/l	96
71) Bromoform	12.349	173	3669	2.441	ug/l #	95
73) Isopropylbenzene	12.458	105	28688	2.219	ug/l	98
74) N-amyl acetate	12.275	43	8055	2.312	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	7444	2.594	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	9815	4.469	ug/l	37
77) Bromobenzene	12.745	156	7539	2.615	ug/l	87
78) n-propylbenzene	12.800	91	36750	2.374	ug/l	99
79) 2-Chlorotoluene	12.891	91	23442	2.515	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	24768	2.314	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.617	75	100663	106.748	ug/l #	8
82) 4-Chlorotoluene	12.983	91	23572	2.408	ug/l	100
83) tert-Butylbenzene	13.202	119	20358	2.221	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	24808	2.288	ug/l	100
85) sec-Butylbenzene	13.379	105	31389	2.281	ug/l	99
86) p-Isopropyltoluene	13.495	119	24980	2.203	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	15119	2.615	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	15435	2.608	ug/l	82
89) n-Butylbenzene	13.818	91	26143	2.373	ug/l	95
90) Hexachloroethane	14.086	117	5306	2.594	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	13027	2.465	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.482	75	1412	2.520	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	7991	2.452	ug/l	97
94) Hexachlorobutadiene	15.226	225	4299	2.731	ug/l	92
95) Naphthalene	15.360	128	17775	2.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	7236	2.416	ug/l	95

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ALS Vial : 11 Sample Multiplier: 1

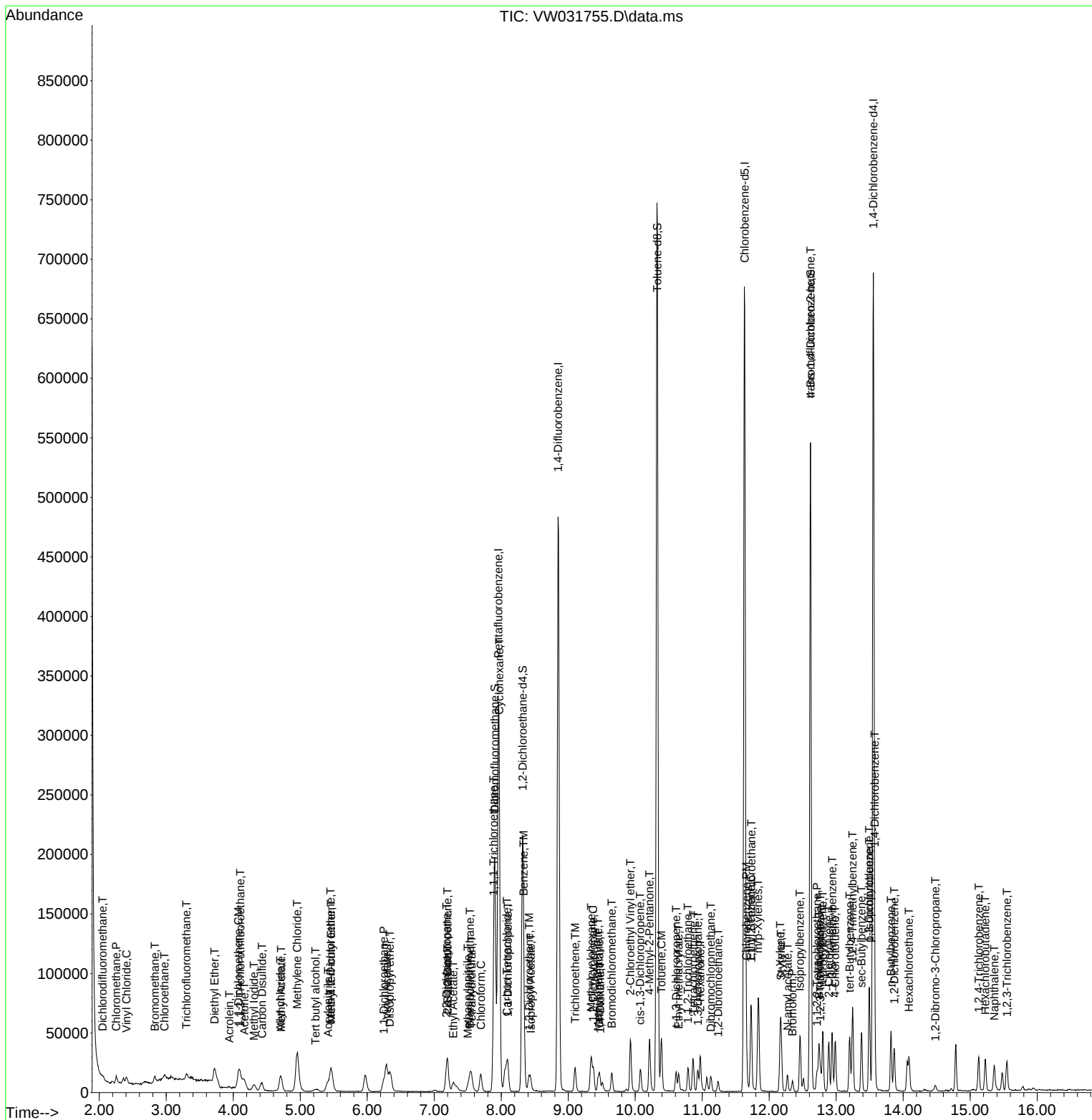
Instrument :
MSVOA_W
ClientSampleId :
MDL05

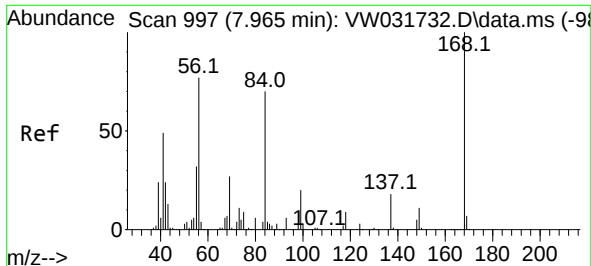
Quant Time: Jul 03 06:18:00 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 06:15:34 2025
Response via : Initial Calibration

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

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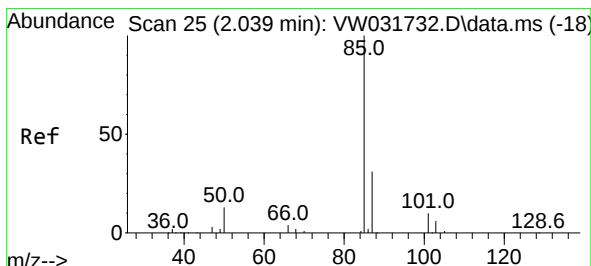
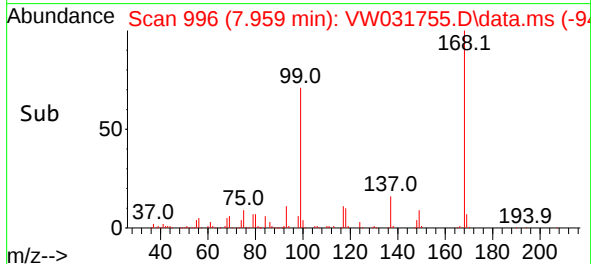
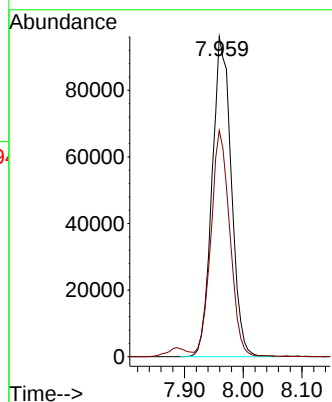
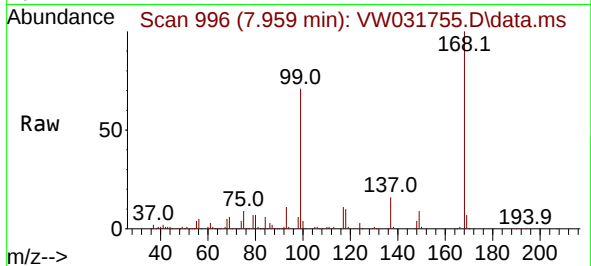




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

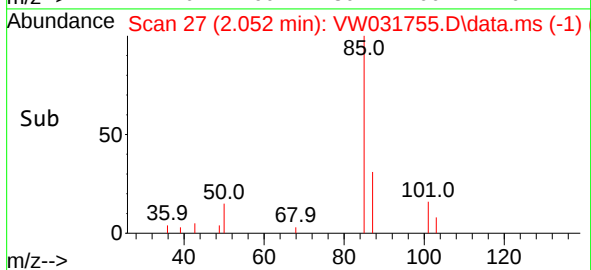
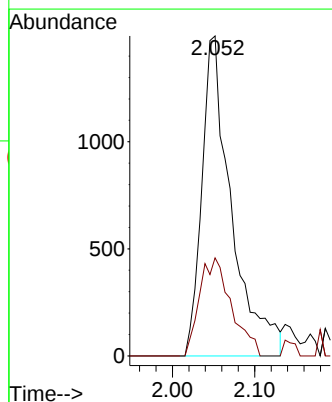
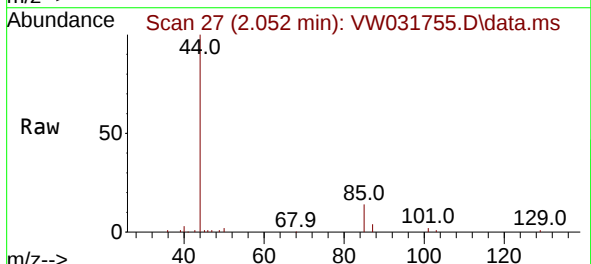
Instrument :
MSVOA_W
ClientSampleId :
MDL05

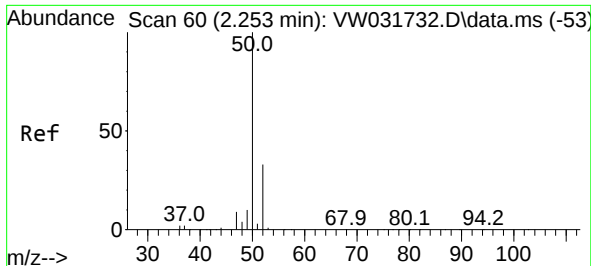
Tgt Ion:168 Resp: 218176
Ion Ratio Lower Upper
168 100
99 70.5 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 2.512 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 85 Resp: 3732
Ion Ratio Lower Upper
85 100
87 30.7 15.4 46.2

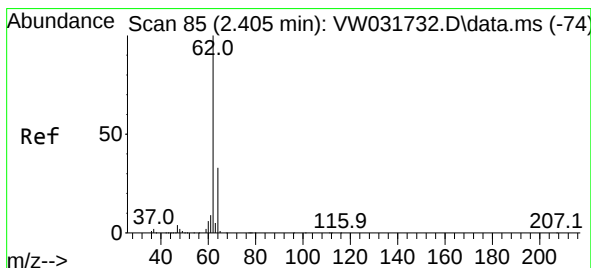
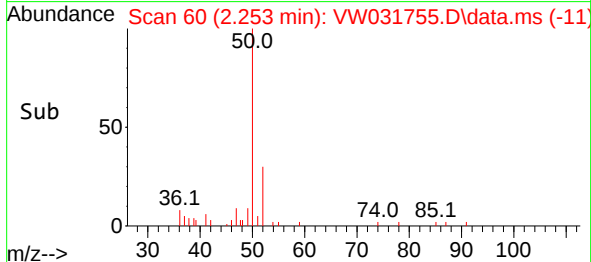
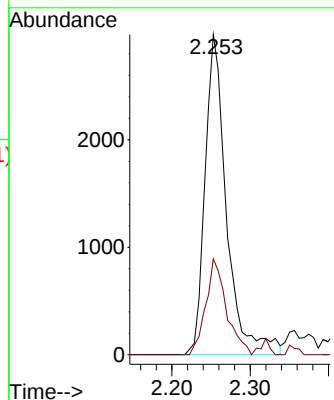
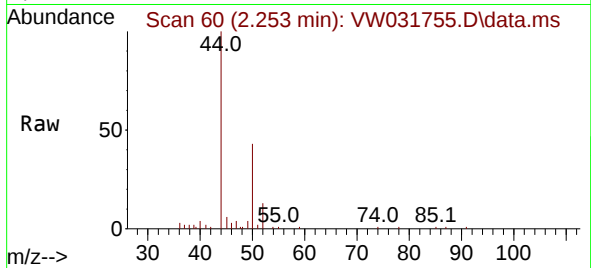




#3
Chloromethane
Concen: 3.169 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

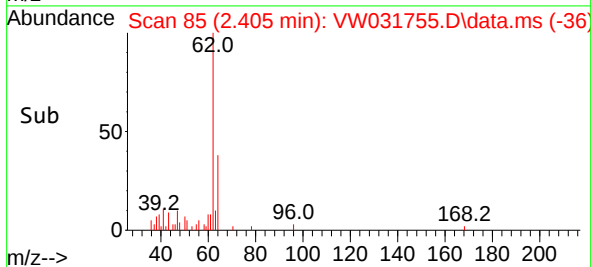
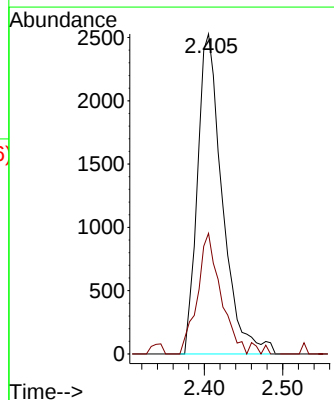
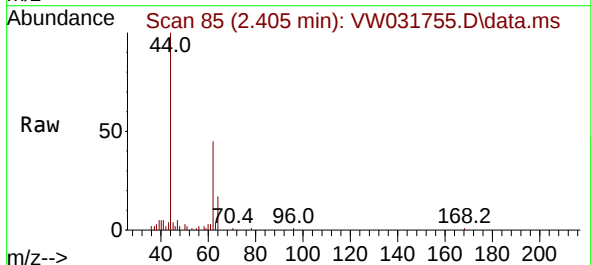
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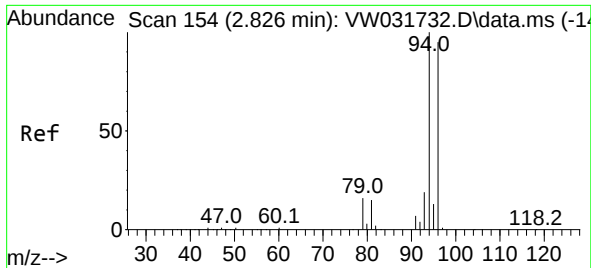
Tgt Ion: 50 Resp: 5677
Ion Ratio Lower Upper
50 100
52 29.9 26.2 39.2



#4
Vinyl Chloride
Concen: 2.363 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 62 Resp: 5563
Ion Ratio Lower Upper
62 100
64 37.7 26.8 40.2

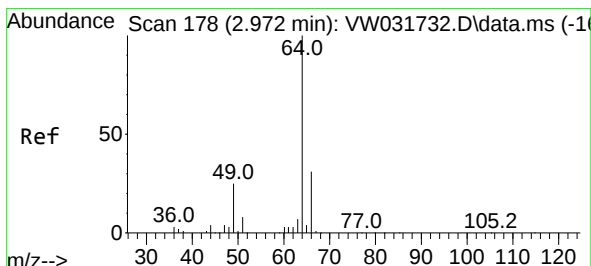
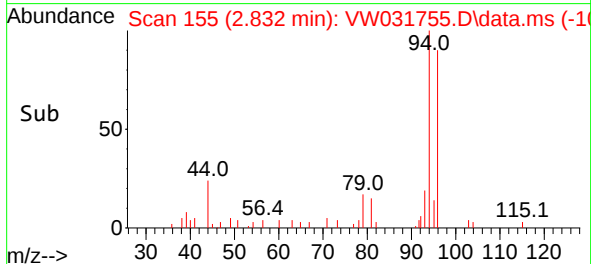
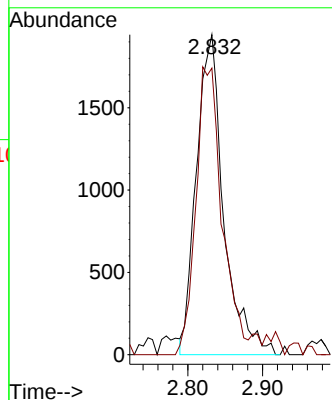
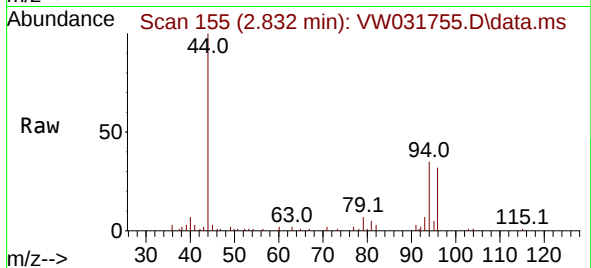




#5
Bromomethane
Concen: 2.679 ug/l
RT: 2.832 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

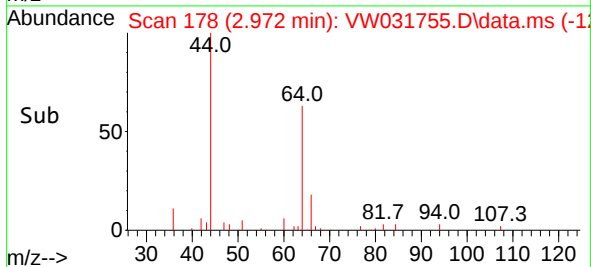
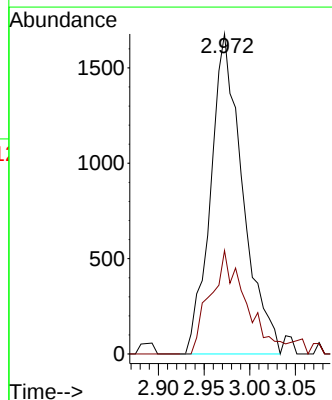
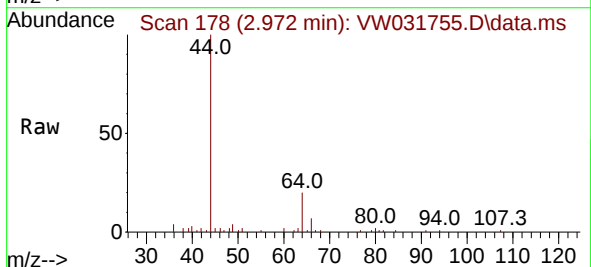
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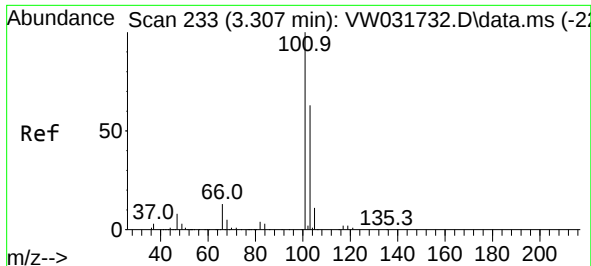
Tgt Ion: 94 Resp: 4926
Ion Ratio Lower Upper
94 100
96 86.6 75.6 113.4



#6
Chloroethane
Concen: 2.570 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 64 Resp: 4111
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7

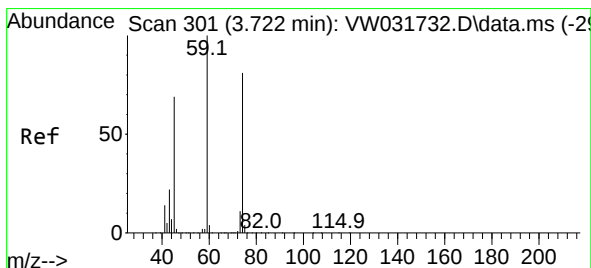
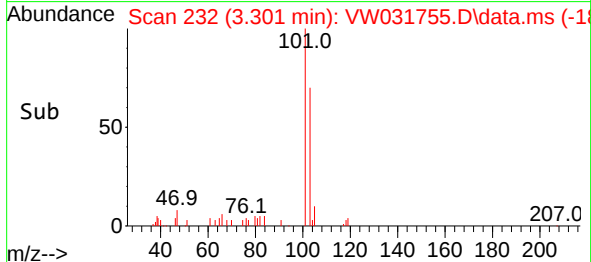
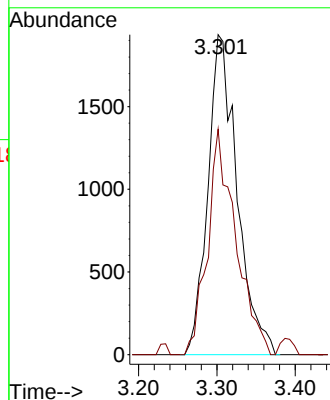
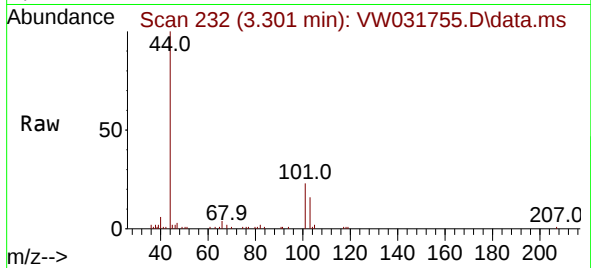




#7
 Trichlorofluoromethane
 Concen: 2.346 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

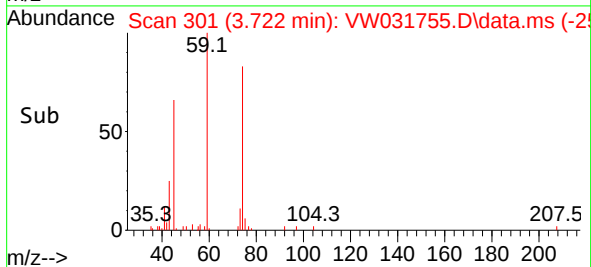
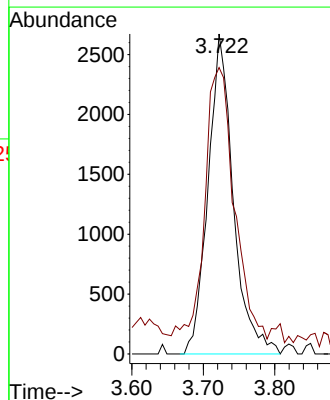
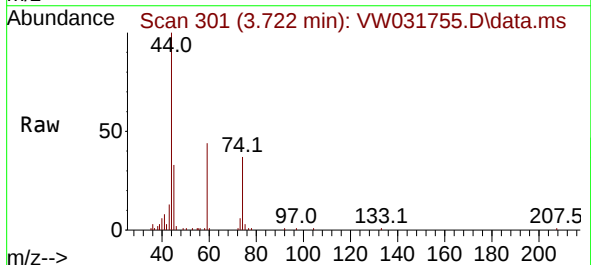
Instrument :
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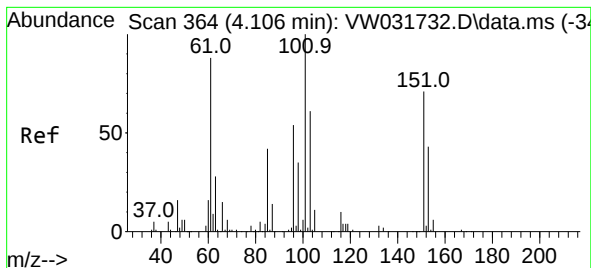
Tgt Ion:101 Resp: 5016
 Ion Ratio Lower Upper
 101 100
 103 70.4 50.2 75.4



#8
 Diethyl Ether
 Concen: 4.021 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031755.D
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Tgt Ion: 74 Resp: 6534
 Ion Ratio Lower Upper
 74 100
 45 99.4 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.792 ug/l

RT: 4.106 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

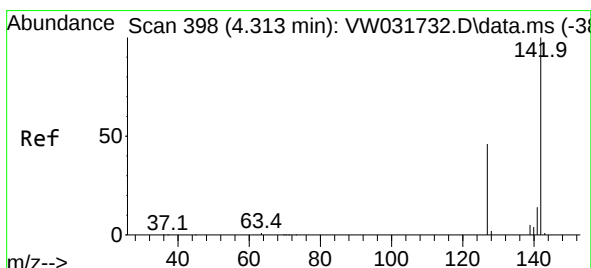
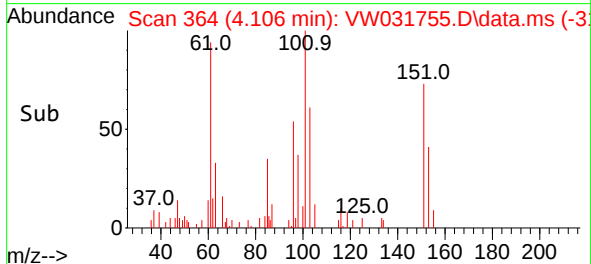
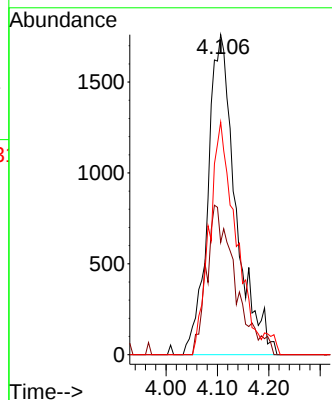
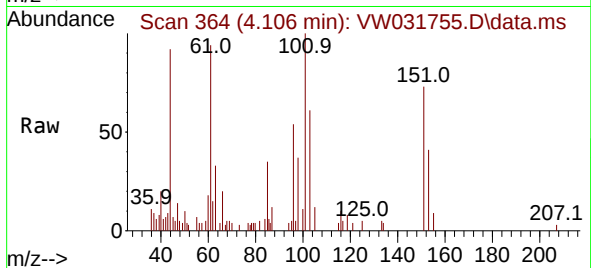
Tgt Ion:101 Resp: 6627

Ion Ratio Lower Upper

101 100

85 48.0 35.6 53.4

151 68.4 56.8 85.2



#10

Methyl Iodide

Concen: 2.477 ug/l

RT: 4.307 min Scan# 397

Delta R.T. -0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

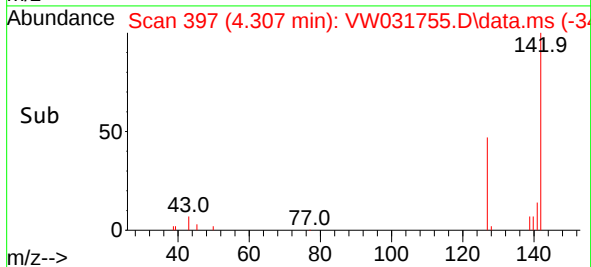
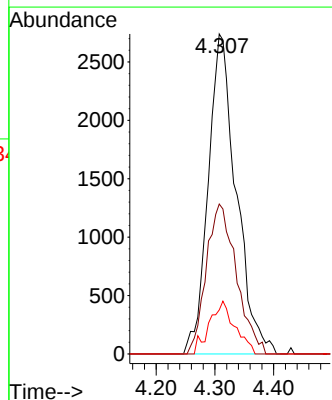
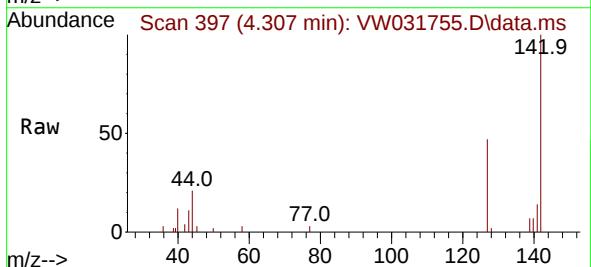
Tgt Ion:142 Resp: 9063

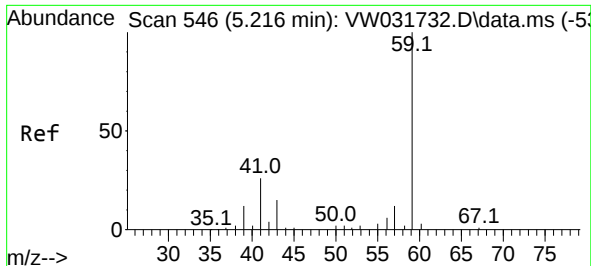
Ion Ratio Lower Upper

142 100

127 50.3 37.9 56.9

141 15.0 11.7 17.5

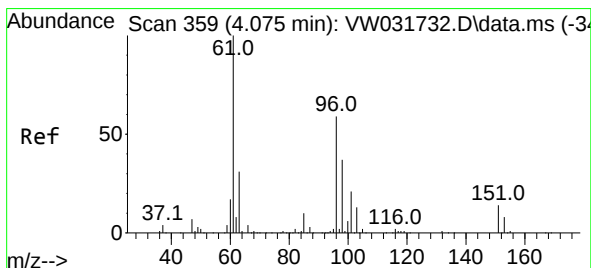
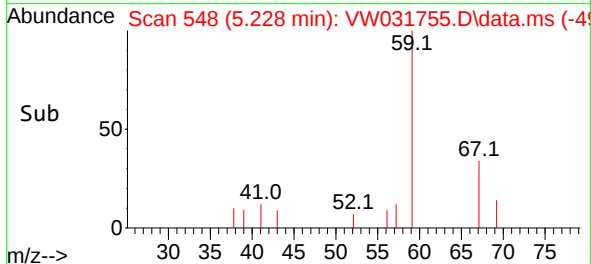
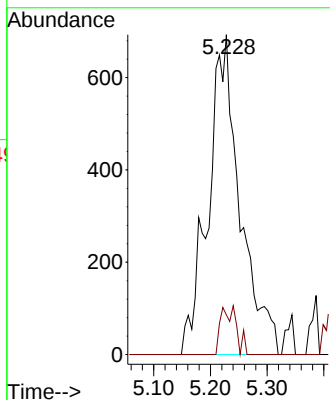
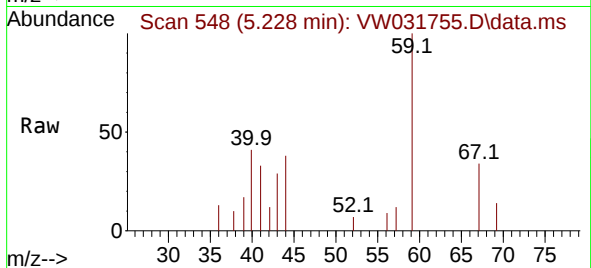




#11
Tert butyl alcohol
Concen: 13.955 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

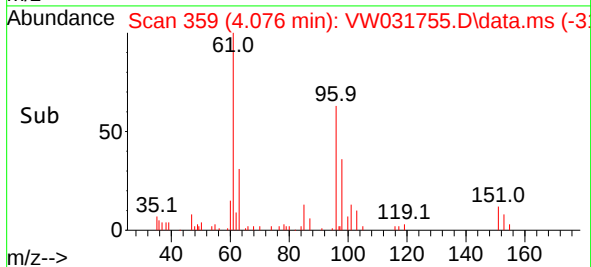
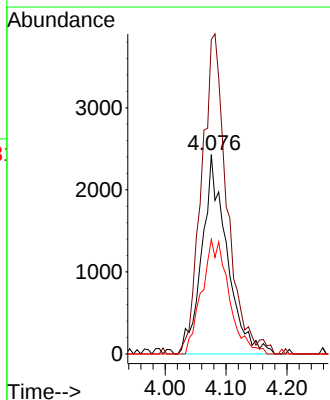
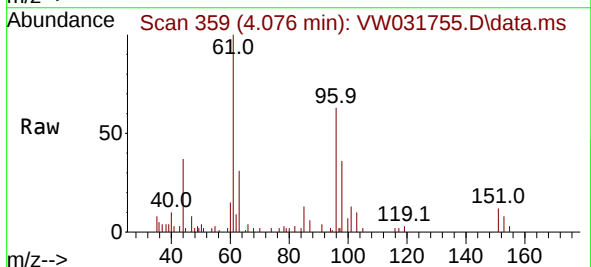
Instrument :
MSVOA_W
ClientSampleId :
MDL05

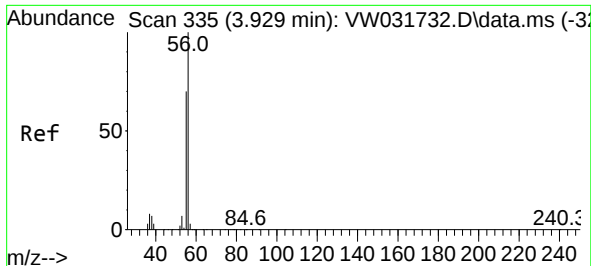
Tgt Ion: 59 Resp: 2707
Ion Ratio Lower Upper
59 100
57 7.4 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 2.653 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 96 Resp: 6897
Ion Ratio Lower Upper
96 100
61 157.8 135.8 203.8
98 57.4 50.4 75.6

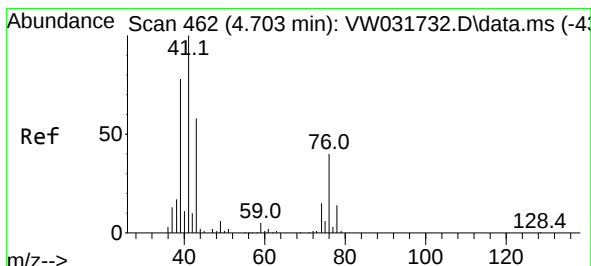
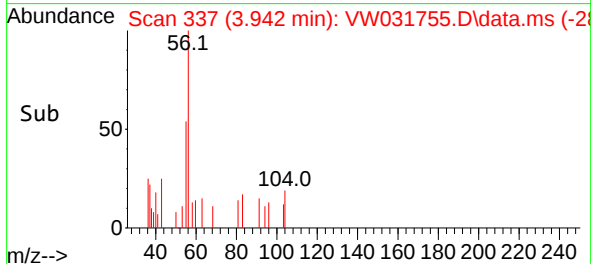
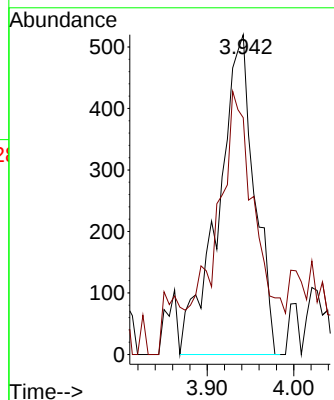
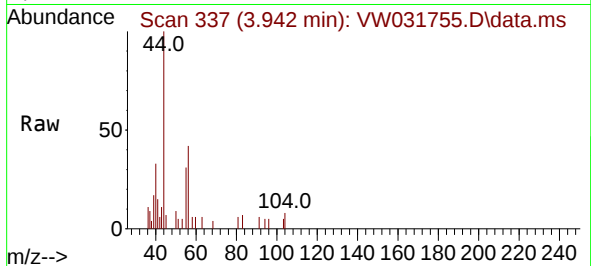




#13
Acrolein
Concen: 4.317 ug/l
RT: 3.942 min Scan# 311
Delta R.T. 0.012 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

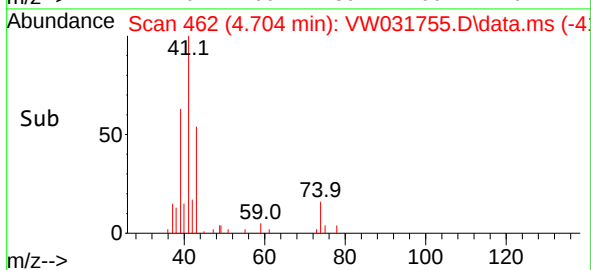
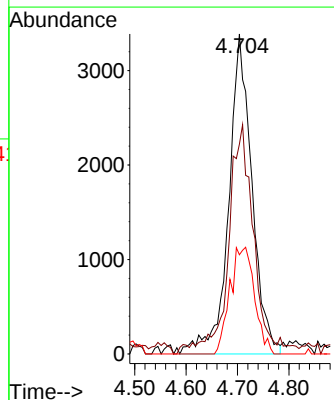
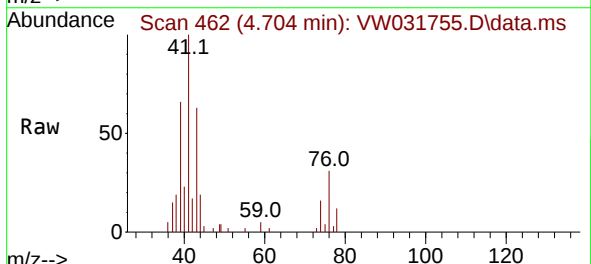
Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 56 Resp: 1505
Ion Ratio Lower Upper
56 100
55 63.7 54.0 81.0



#14
Allyl chloride
Concen: 2.674 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 41 Resp: 10664
Ion Ratio Lower Upper
41 100
39 68.1 60.7 91.1
76 35.2 30.3 45.5

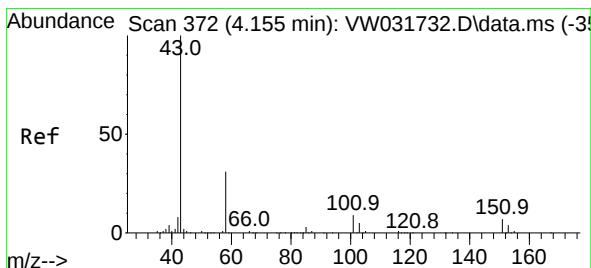
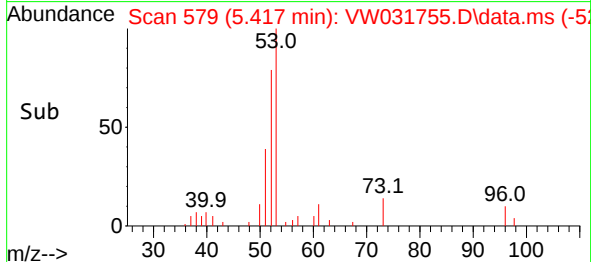
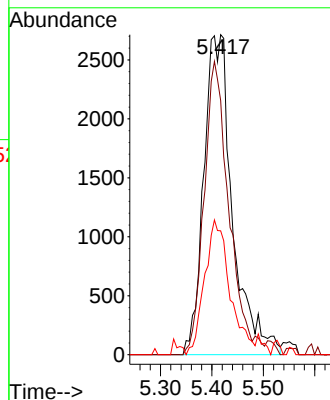
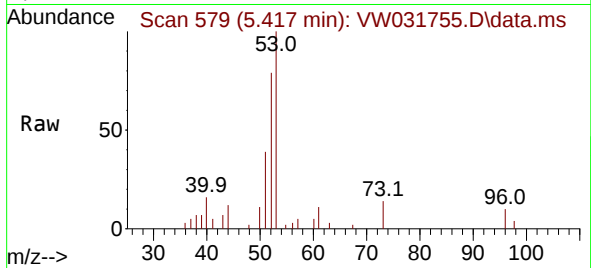




#15
Acrylonitrile
Concen: 13.240 ug/l
RT: 5.417 min Scan# 51
Delta R.T. 0.019 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

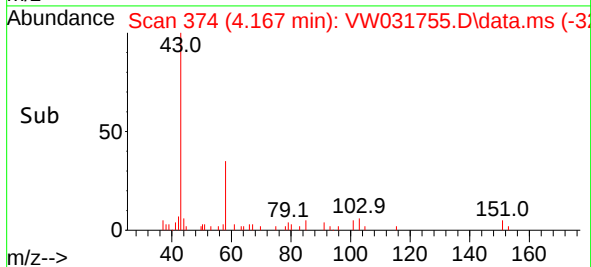
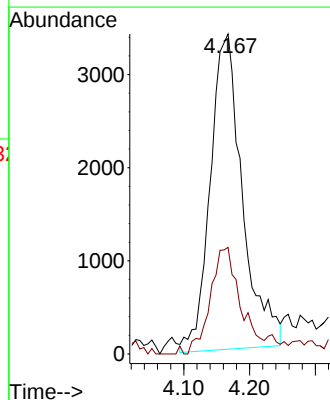
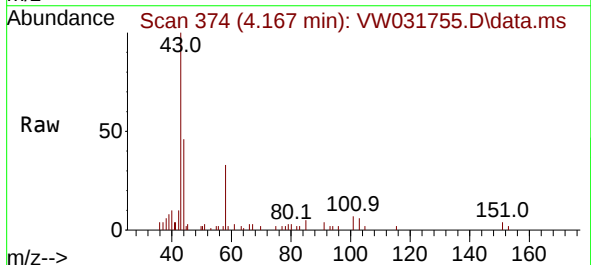
Instrument :
MSVOA_W
ClientSampleId :
MDL05

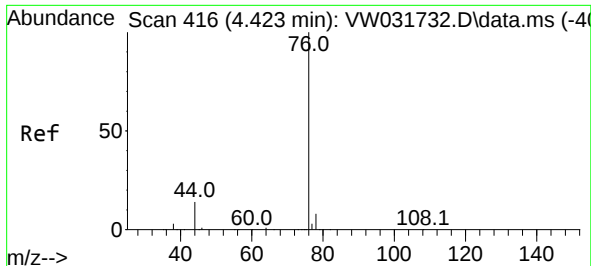
Tgt Ion: 53 Resp: 10579
Ion Ratio Lower Upper
53 100
52 79.3 66.4 99.6
51 37.1 29.9 44.9



#16
Acetone
Concen: 14.950 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 43 Resp: 11570
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

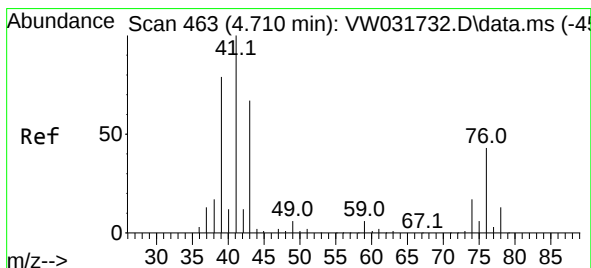
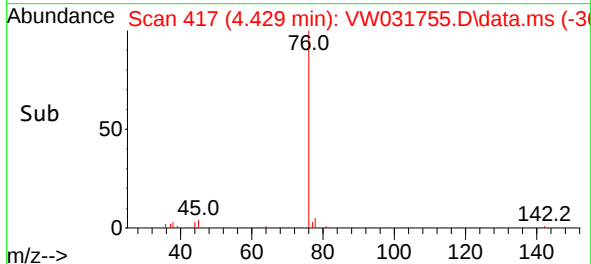
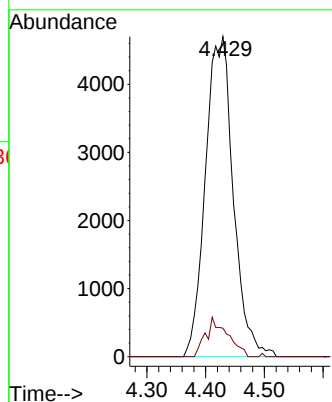
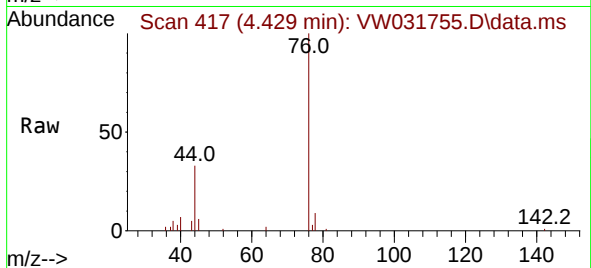




#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

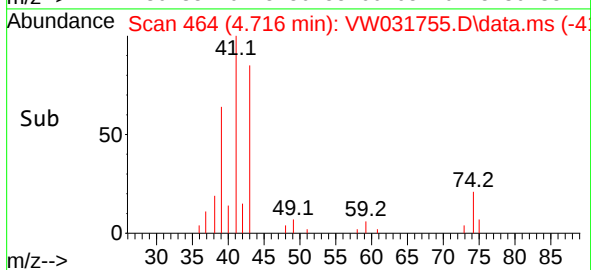
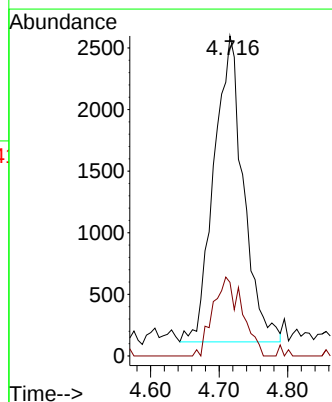
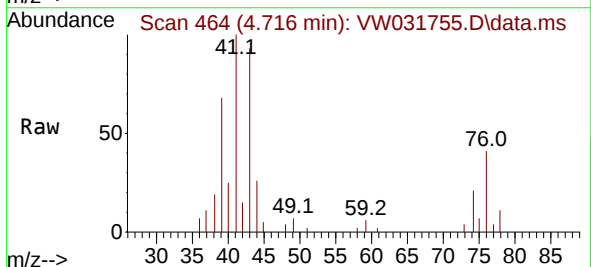
Instrument :
MSVOA_W
ClientSampleId :
MDL05

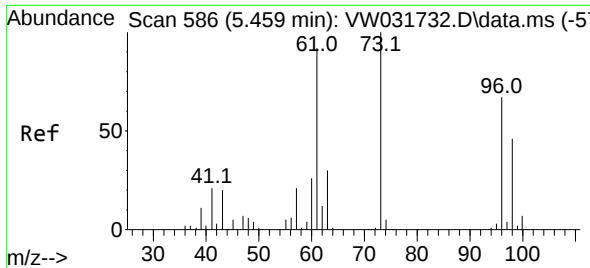
Tgt Ion: 76 Resp: 15488
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 3.359 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 43 Resp: 7430
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

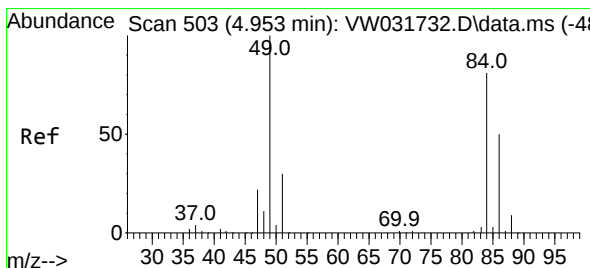
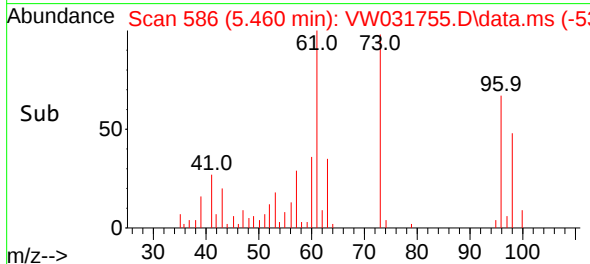
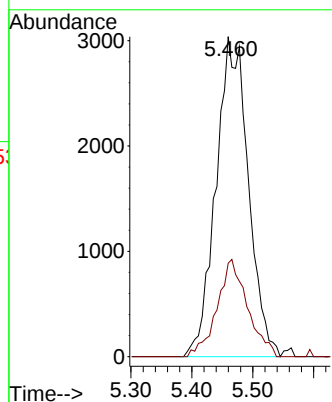
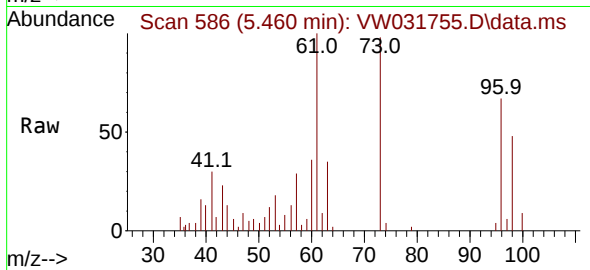




#19
Methyl tert-butyl Ether
Concen: 2.532 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

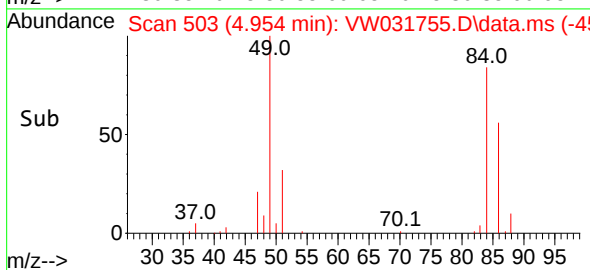
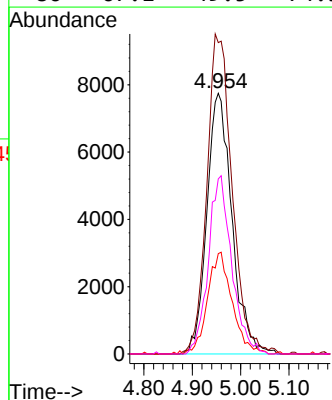
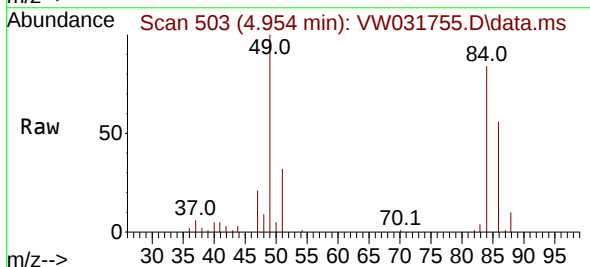
Instrument :
MSVOA_W
ClientSampleId :
MDL05

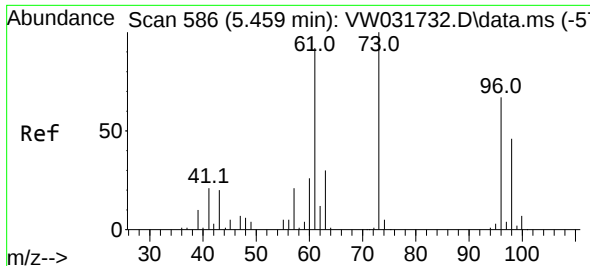
Tgt Ion: 73 Resp: 11174
Ion Ratio Lower Upper
73 100
57 29.2 17.2 25.8#



#20
Methylene Chloride
Concen: 7.856 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.001 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 84 Resp: 27922
Ion Ratio Lower Upper
84 100
49 119.5 98.2 147.4
51 37.6 29.8 44.8
86 67.1 49.5 74.3

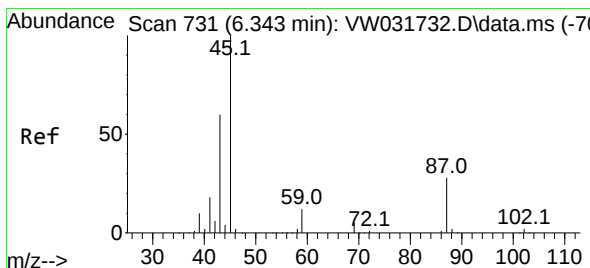
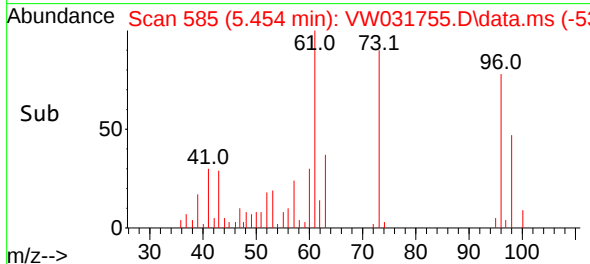
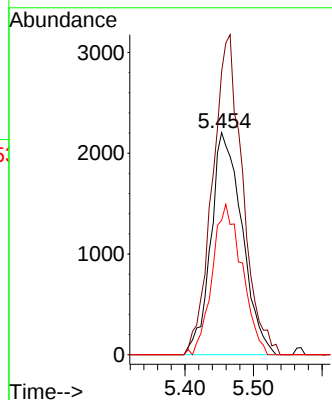
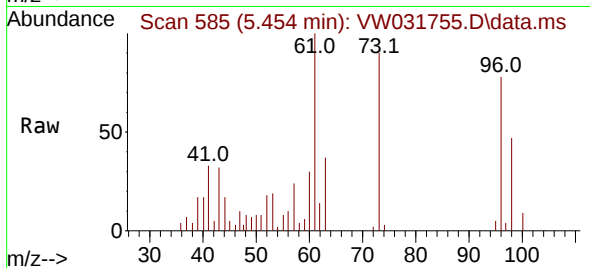




#21
trans-1,2-Dichloroethene
Concen: 2.521 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

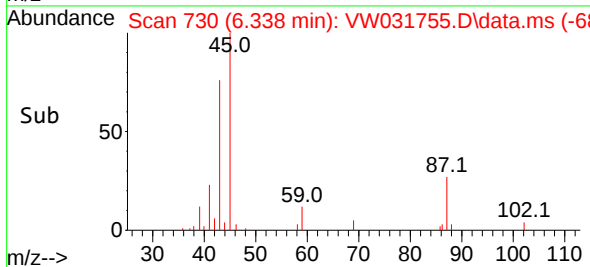
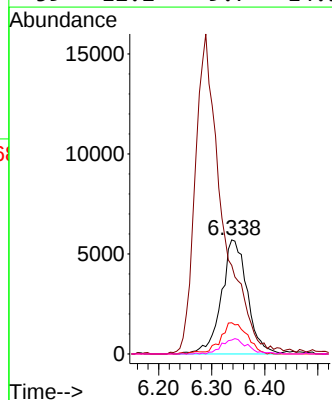
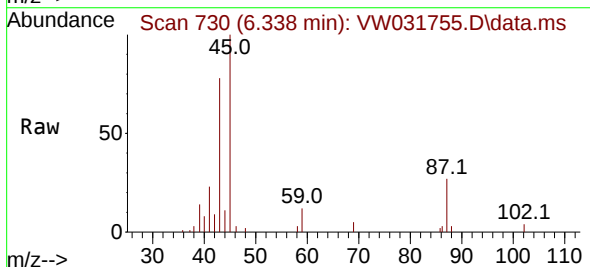
Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion: 96 Resp: 6963
Ion Ratio Lower Upper
96 100
61 127.5 109.8 164.6
98 60.5 54.9 82.3



#22
Diisopropyl ether
Concen: 2.477 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 45 Resp: 19273
Ion Ratio Lower Upper
45 100
43 72.6 48.3 72.5#
87 27.4 22.6 34.0
59 12.2 9.7 14.5

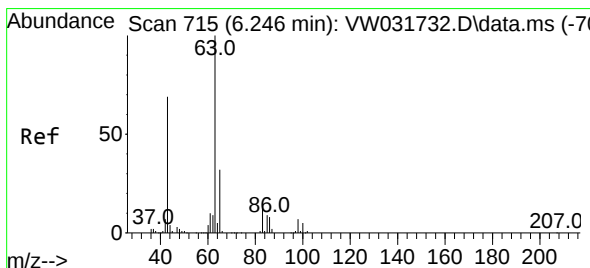
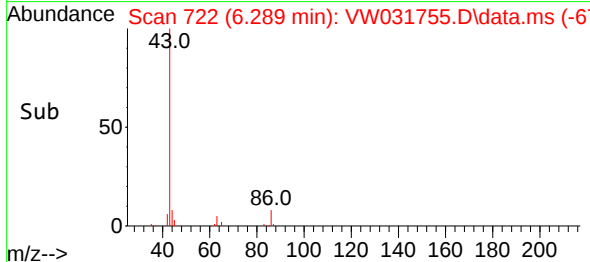
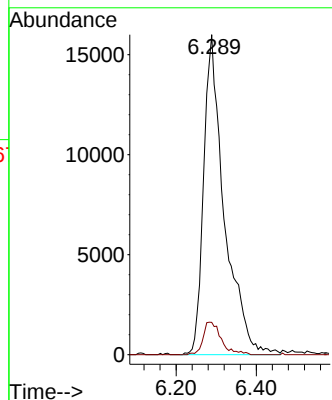
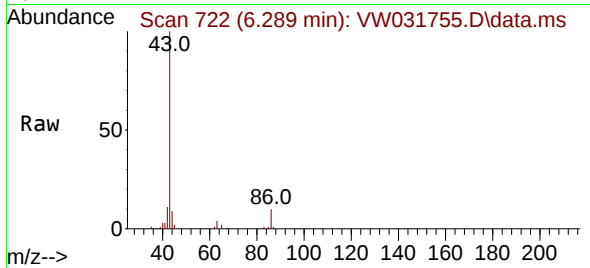




#23
 Vinyl Acetate
 Concen: 10.771 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

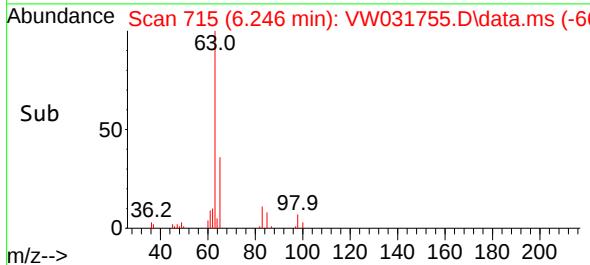
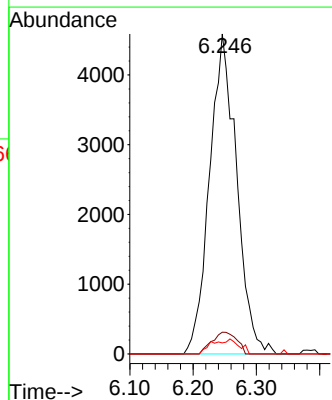
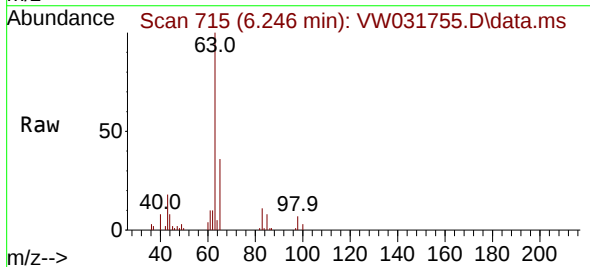
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

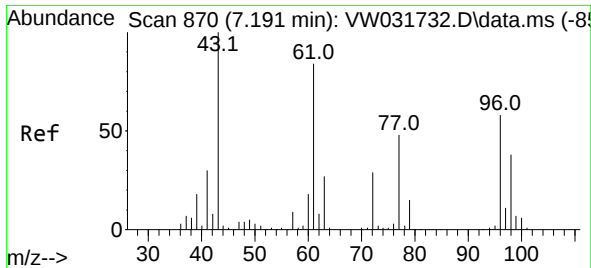
Tgt Ion: 43 Resp: 57235
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.702 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

Tgt Ion: 63 Resp: 13626
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 3.4 2.5 7.5

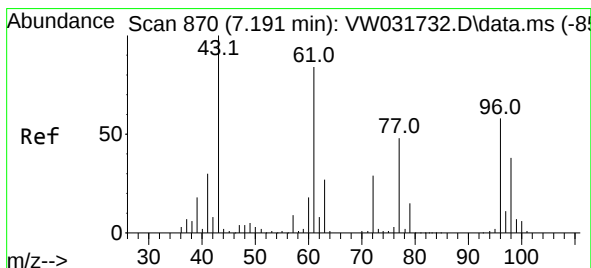
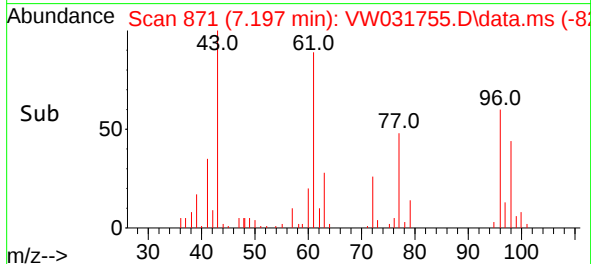
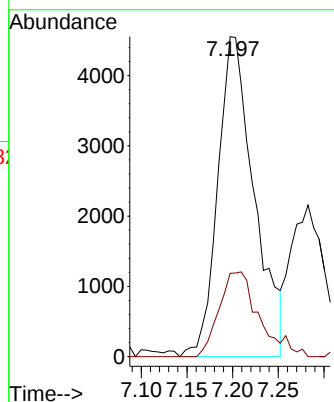
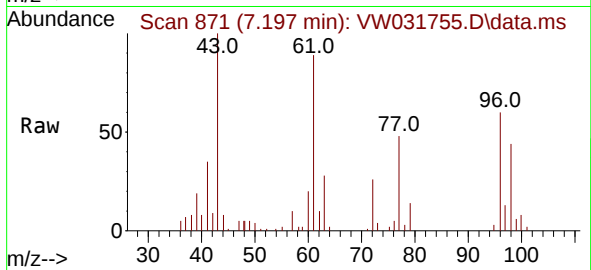




#25
2-Butanone
Concen: 12.548 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

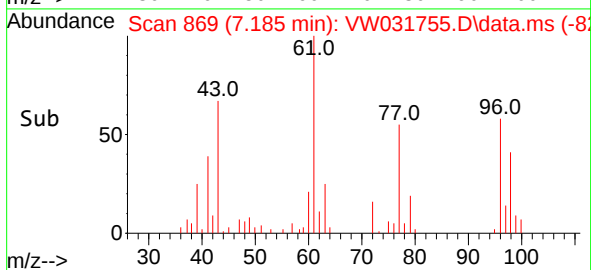
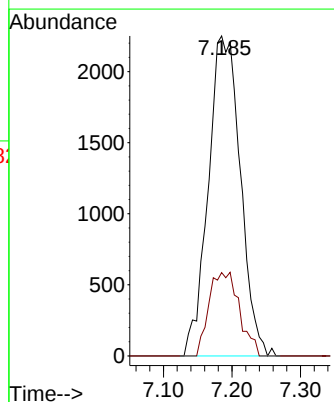
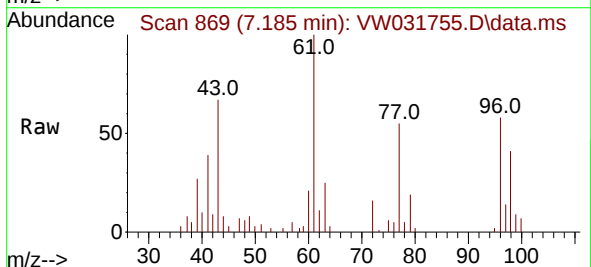
Instrument :
MSVOA_W
ClientSampleId :
MDL05

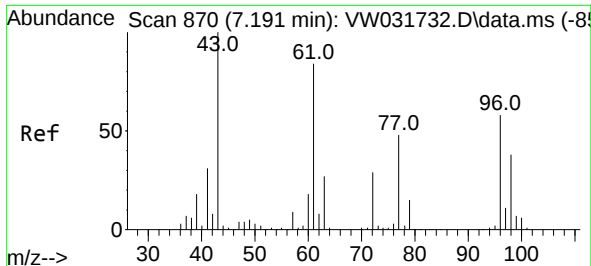
Tgt Ion: 43 Resp: 12634
Ion Ratio Lower Upper
43 100
72 26.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 2.491 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 77 Resp: 7331
Ion Ratio Lower Upper
77 100
97 24.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.439 ug/l

RT: 7.197 min Scan# 871

Delta R.T. 0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

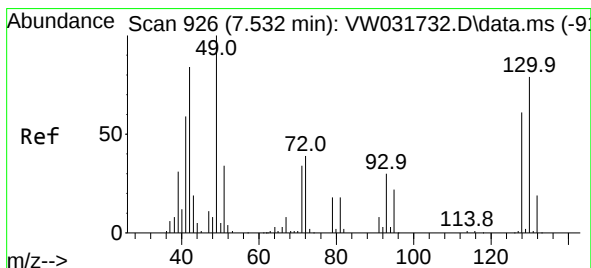
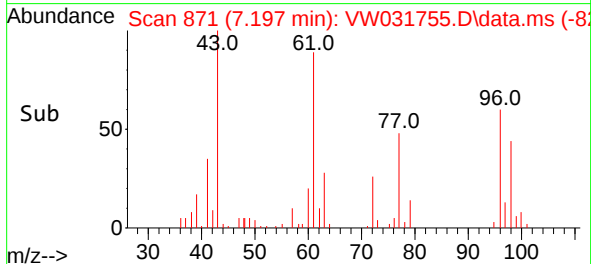
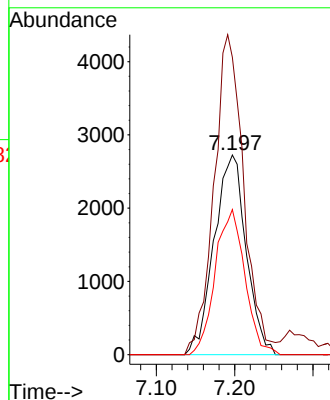
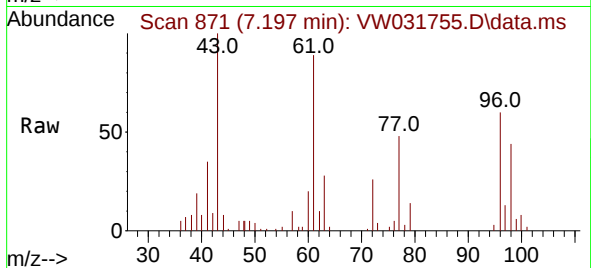
Tgt Ion: 96 Resp: 7746

Ion Ratio Lower Upper

96 100

61 148.6 0.0 286.8

98 67.3 0.0 130.4



#28

Bromochloromethane

Concen: 2.708 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

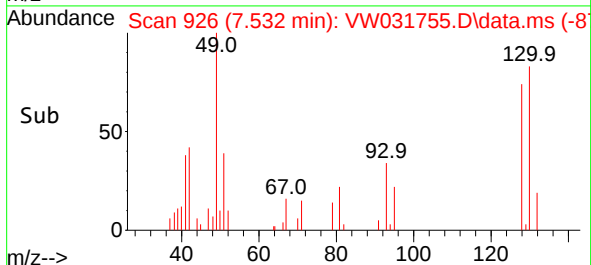
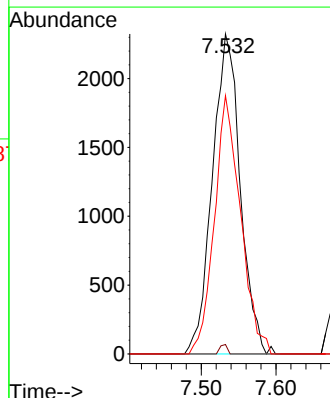
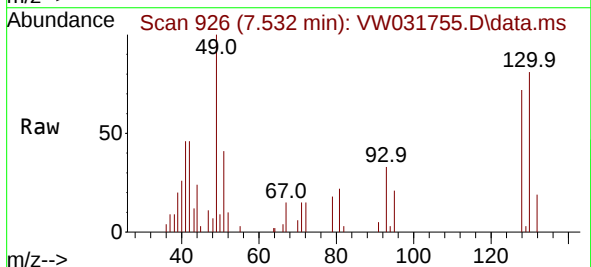
Tgt Ion: 49 Resp: 6028

Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.4

130 75.8 61.3 91.9





#29

Tetrahydrofuran

Concen: 12.619 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

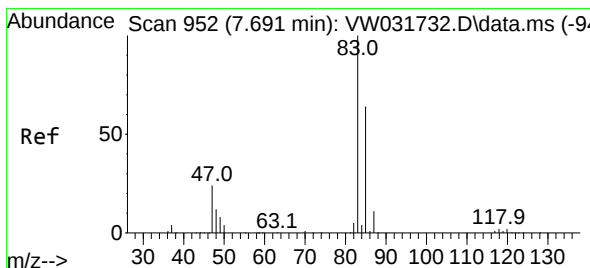
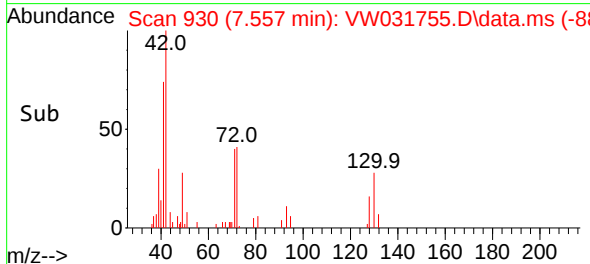
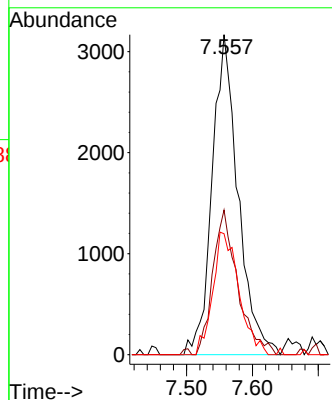
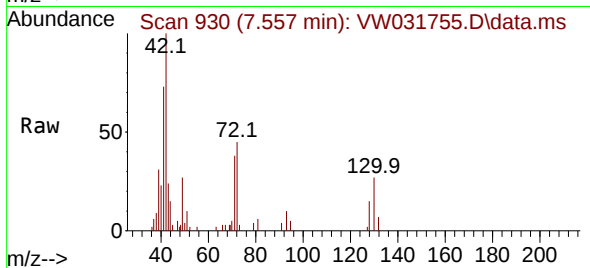
Tgt Ion: 42 Resp: 8701

Ion Ratio Lower Upper

42 100

72 43.3 36.8 55.2

71 38.4 34.6 52.0



#30

Chloroform

Concen: 2.583 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031755.D

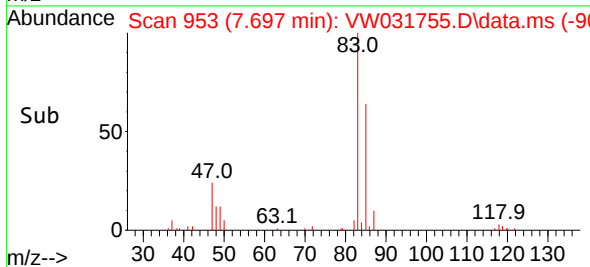
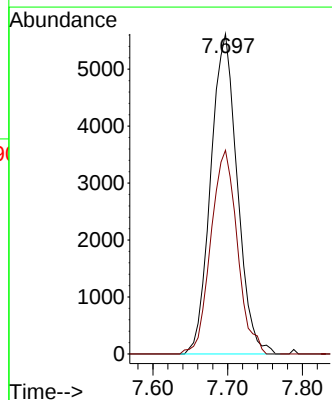
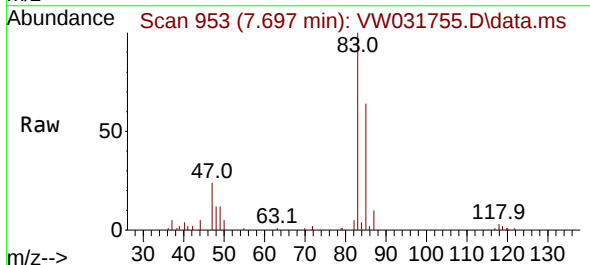
Acq: 02 Jul 2025 13:22

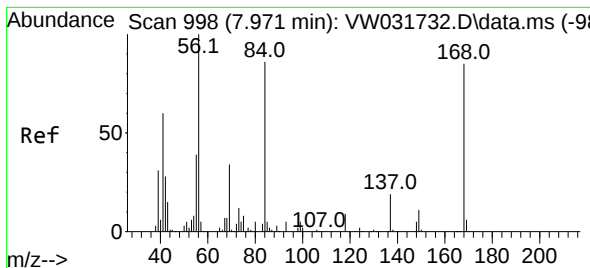
Tgt Ion: 83 Resp: 13841

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0





#31

Cyclohexane

Concen: 3.418 ug/l

RT: 7.971 min Scan# 998

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

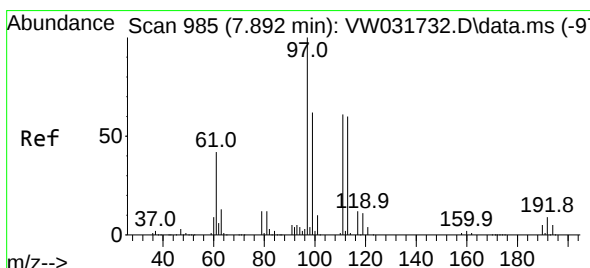
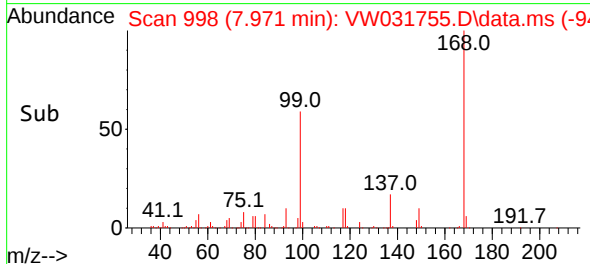
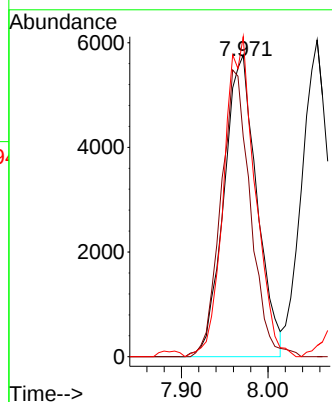
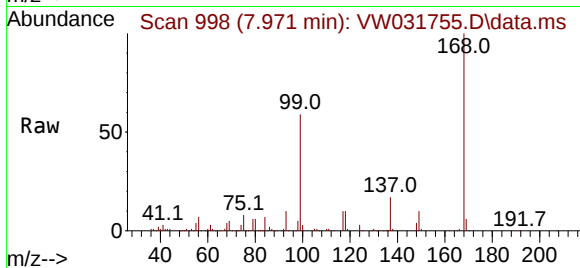
Tgt Ion: 56 Resp: 15238

Ion Ratio Lower Upper

56 100

69 72.9 27.2 40.8#

84 104.8 68.5 102.7#



#32

1,1,1-Trichloroethane

Concen: 2.627 ug/l

RT: 7.886 min Scan# 984

Delta R.T. -0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

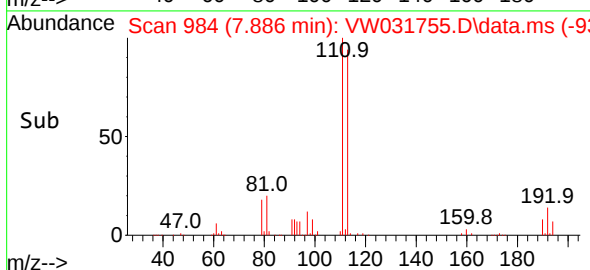
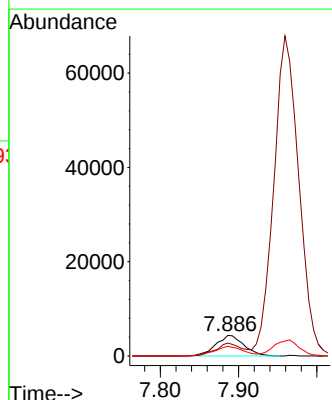
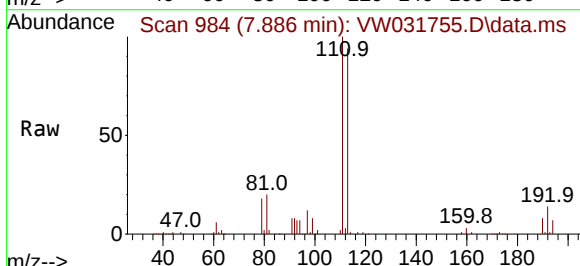
Tgt Ion: 97 Resp: 10848

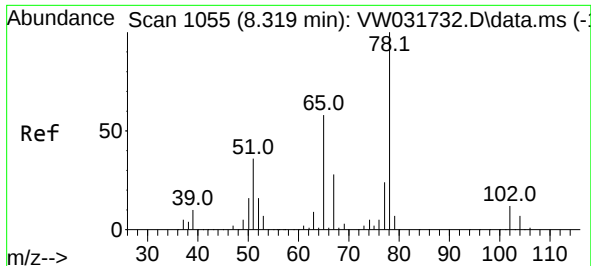
Ion Ratio Lower Upper

97 100

99 61.1 51.0 76.6

61 47.0 36.0 54.0

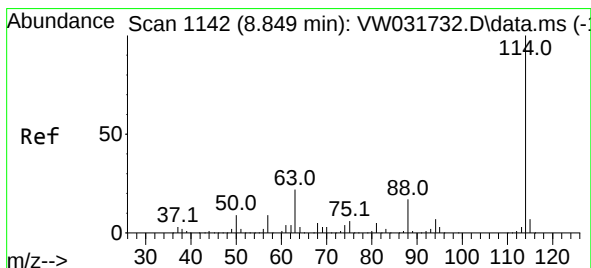
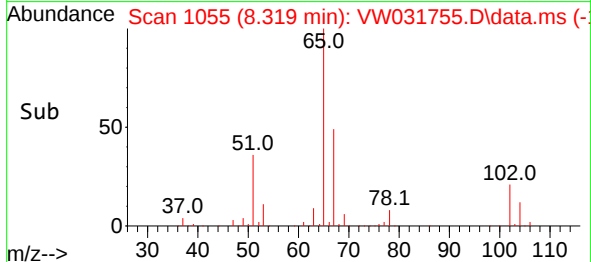
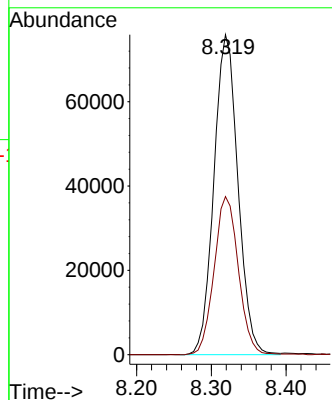
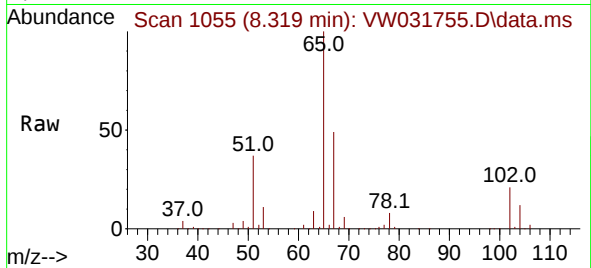




#33
1,2-Dichloroethane-d4
Concen: 54.249 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

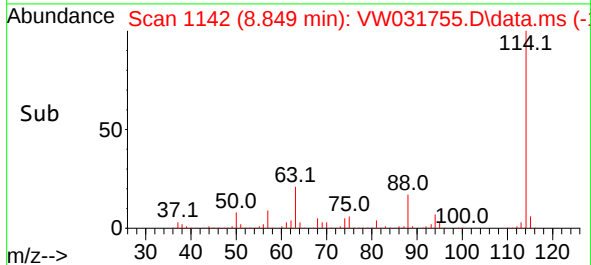
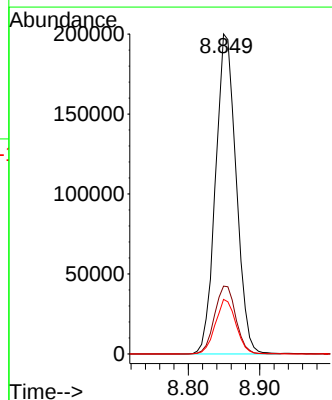
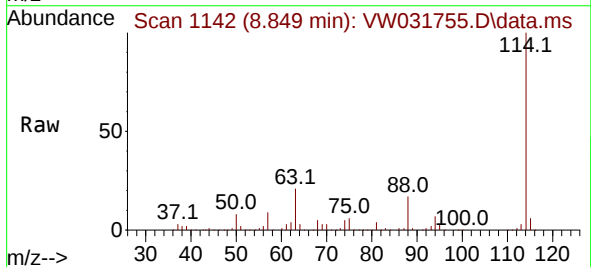
Instrument :
MSVOA_W
ClientSampleId :
MDL05

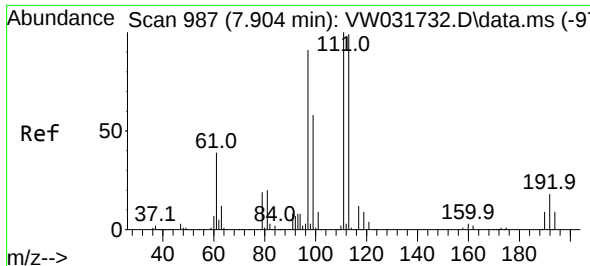
Tgt Ion: 65 Resp: 169859
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 114 Resp: 400625
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 17.1 0.0 34.2

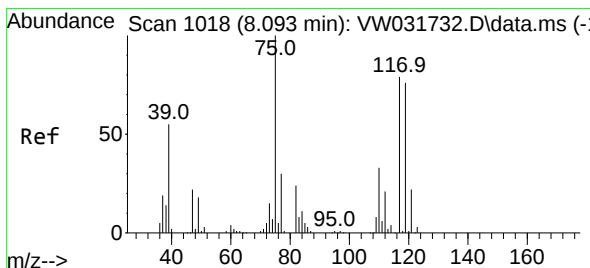
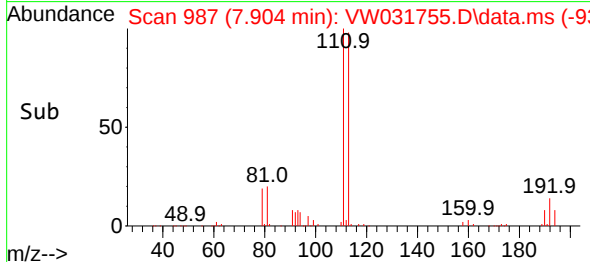
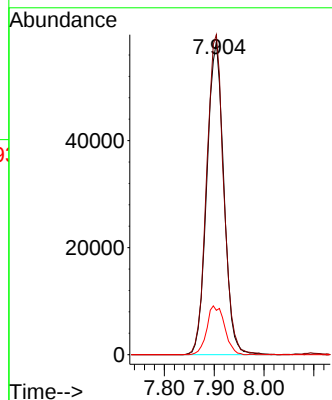
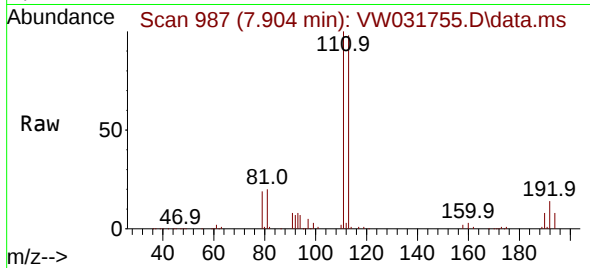




#35
 Dibromofluoromethane
 Concen: 52.939 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

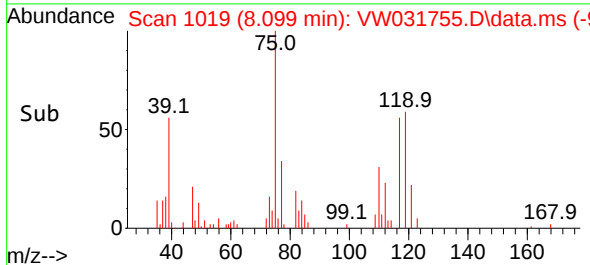
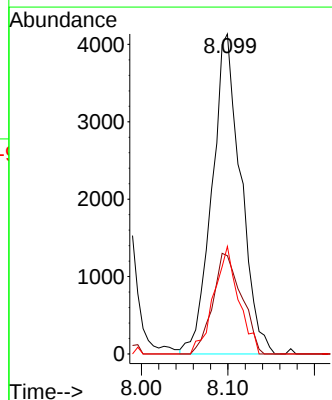
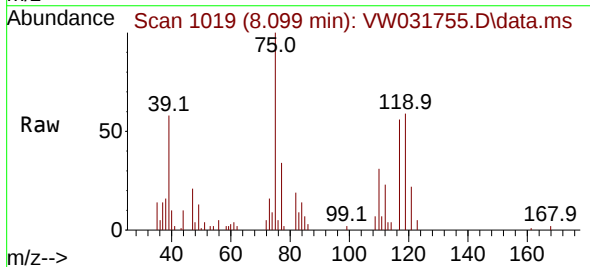
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

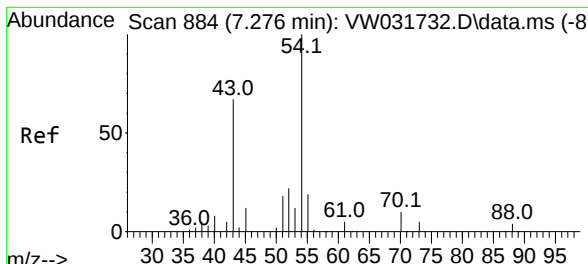
Tgt Ion:113 Resp: 138395
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 2.521 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

Tgt Ion: 75 Resp: 9536
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.8 50.4
 77 28.9 25.0 37.6

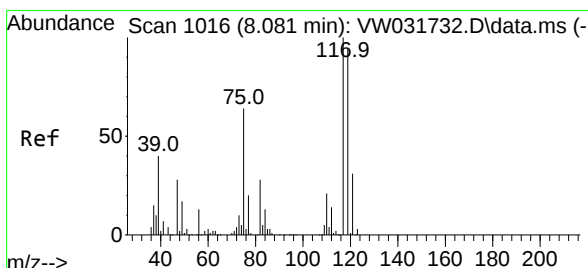
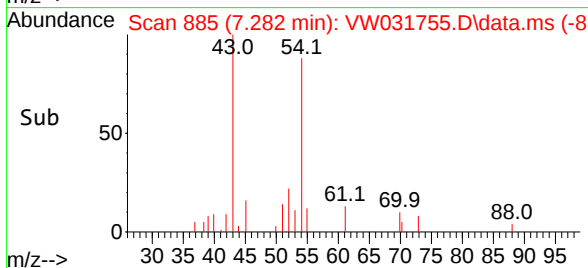
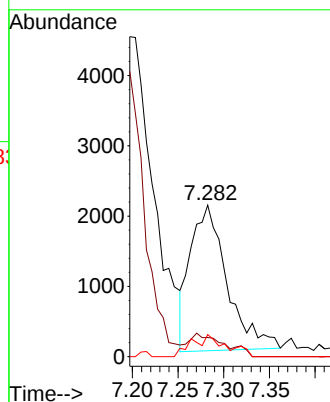
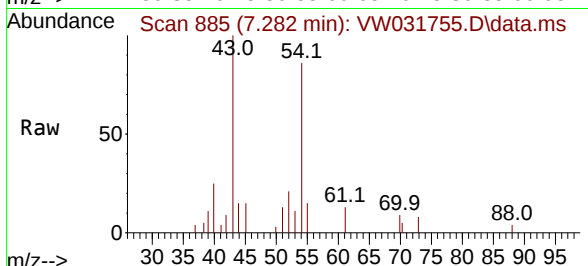




#37
Ethyl Acetate
Concen: 2.417 ug/l
RT: 7.282 min Scan# 885
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

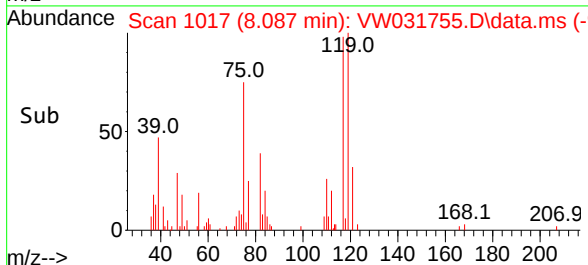
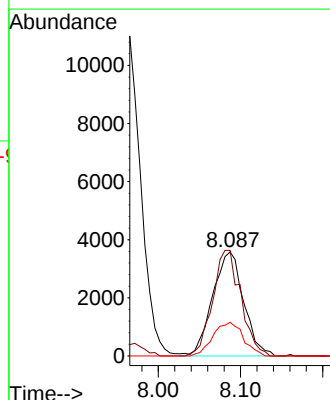
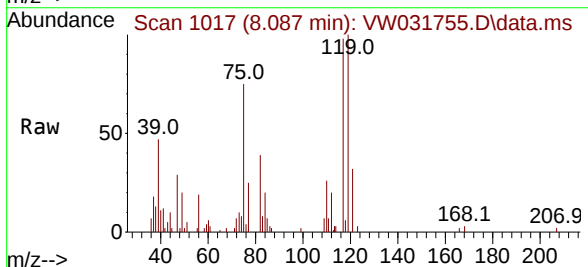
Instrument :
MSVOA_W
ClientSampleId :
MDL05

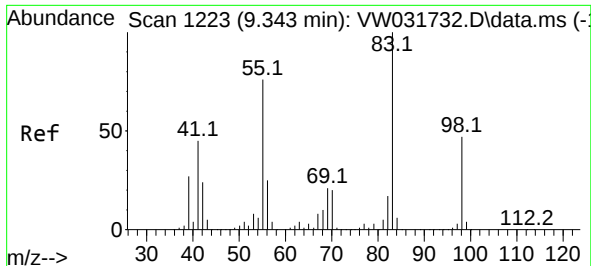
Tgt Ion:	43	Resp:	5769
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.9	16.3
70	11.5	9.2	13.8



#38
Carbon Tetrachloride
Concen: 2.436 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:	117	Resp:	9389
Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.0	112.6
121	32.4	24.6	37.0





#39

Methylcyclohexane

Concen: 2.430 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

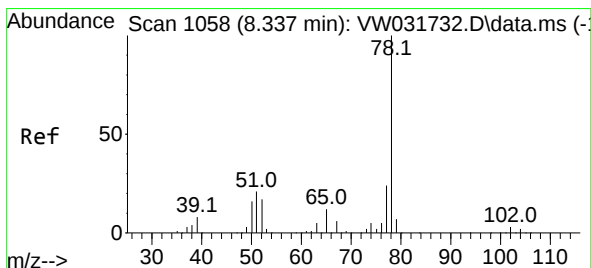
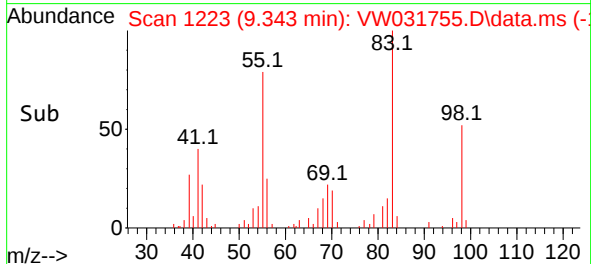
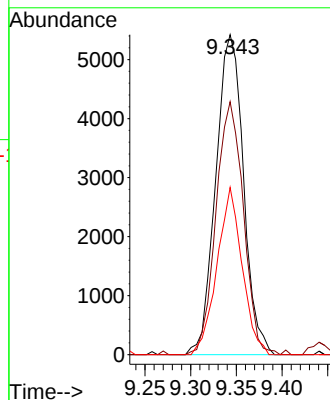
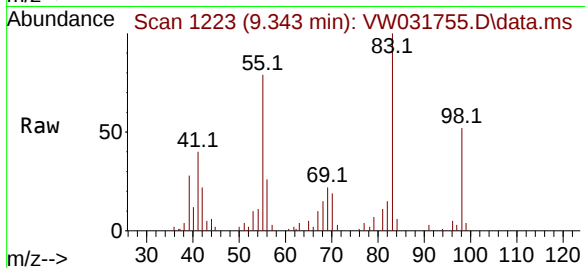
Tgt Ion: 83 Resp: 11437

Ion Ratio Lower Upper

83 100

55 79.0 61.0 91.4

98 52.3 37.9 56.9



#40

Benzene

Concen: 2.518 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031755.D

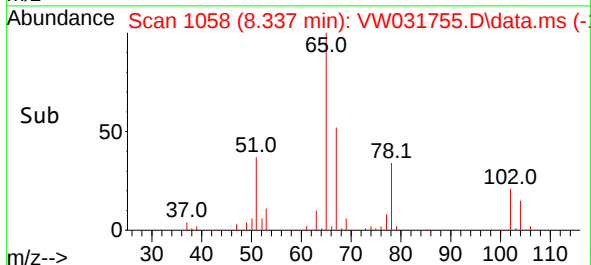
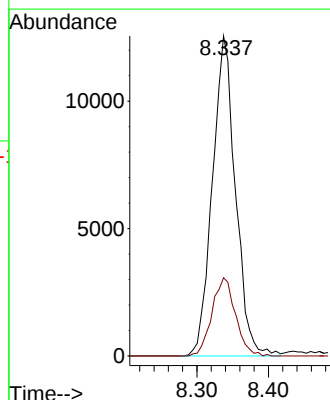
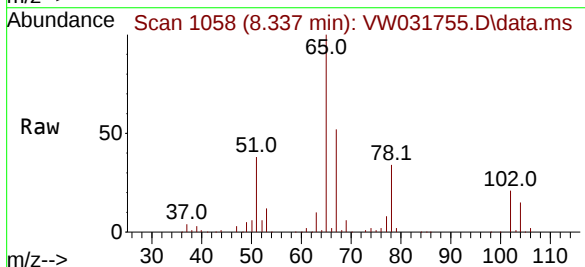
Acq: 02 Jul 2025 13:22

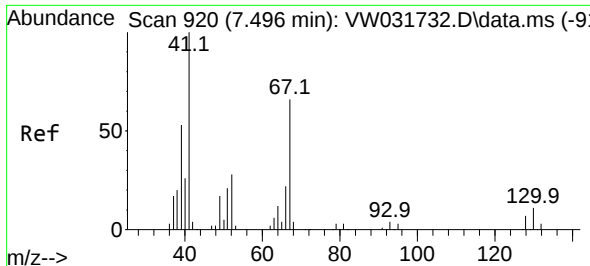
Tgt Ion: 78 Resp: 28184

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

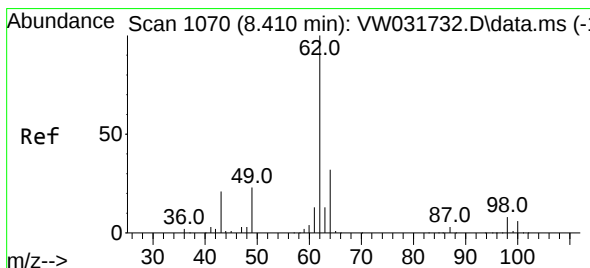
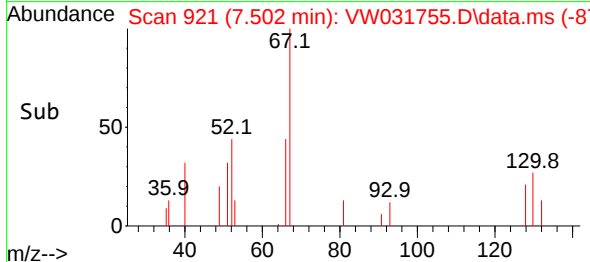
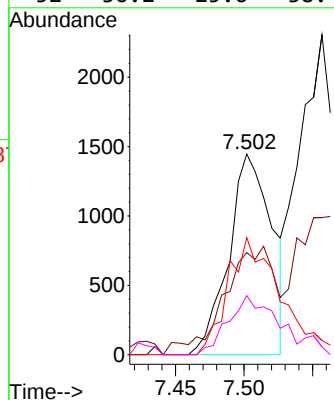
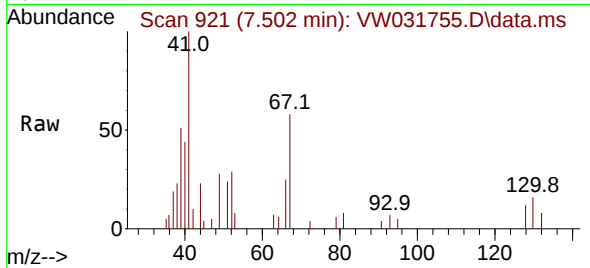




#41
Methacrylonitrile
Concen: 2.466 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

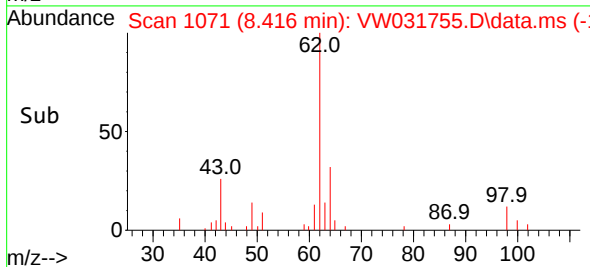
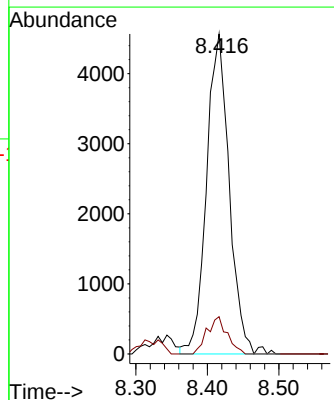
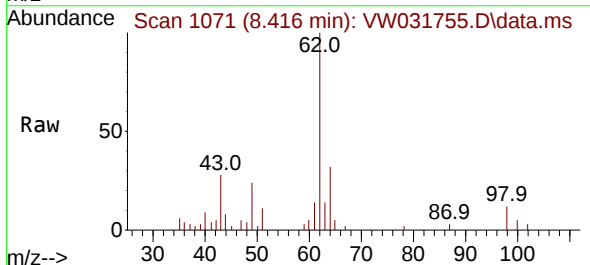
Instrument :
MSVOA_W
ClientSampleId :
MDL05

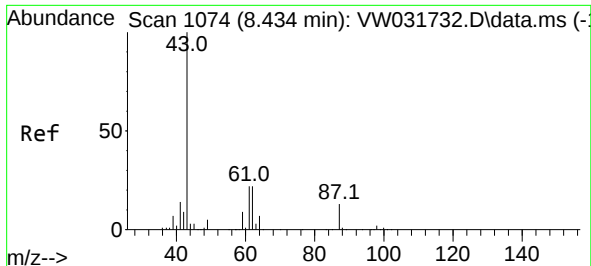
Tgt Ion: 41	Resp: 3153
Ion Ratio	Lower Upper
41 100	
39 63.6	43.2 64.8
67 72.1	58.1 87.1
52 36.2	25.6 38.4



#42
1,2-Dichloroethane
Concen: 2.665 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 62	Resp: 10078
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 17.2

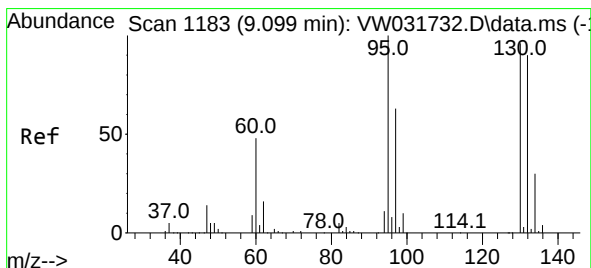
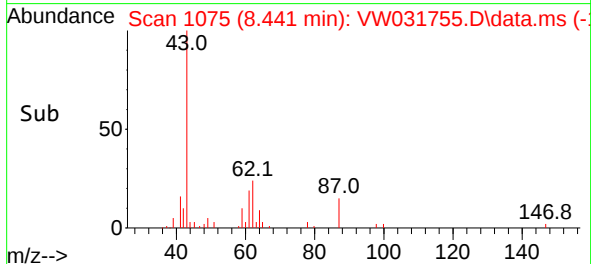
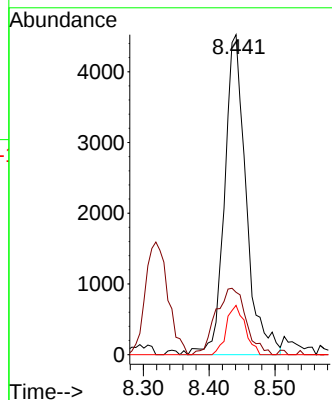
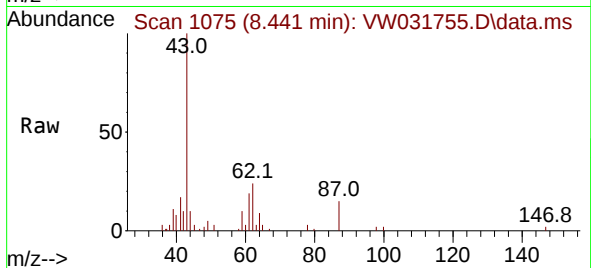




#43
Isopropyl Acetate
Concen: 2.504 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

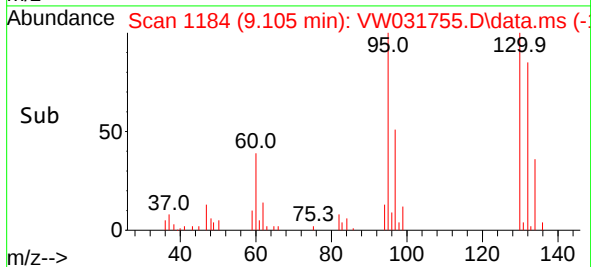
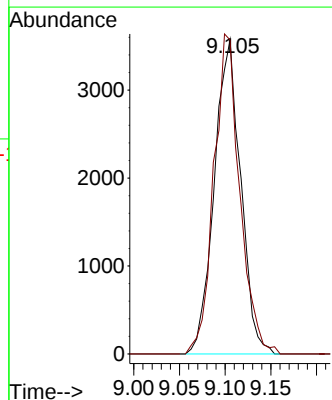
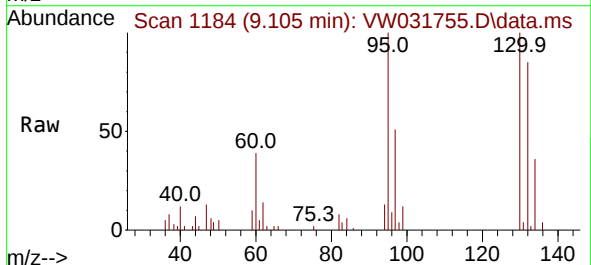
Instrument :
MSVOA_W
ClientSampleId :
MDL05

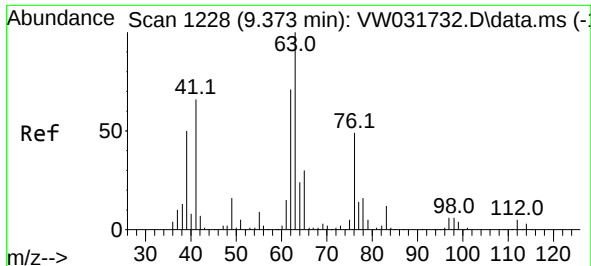
Tgt Ion: 43 Resp: 10300
Ion Ratio Lower Upper
43 100
61 29.0 23.1 34.7
87 13.4 10.8 16.2



#44
Trichloroethene
Concen: 2.572 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:130 Resp: 7184
Ion Ratio Lower Upper
130 100
95 99.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 2.610 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

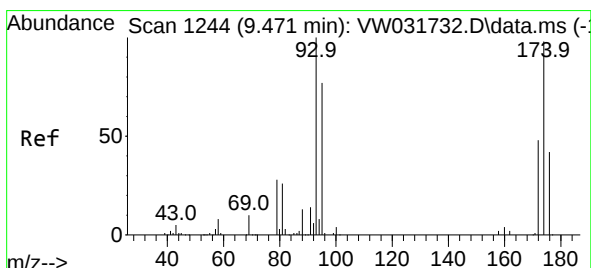
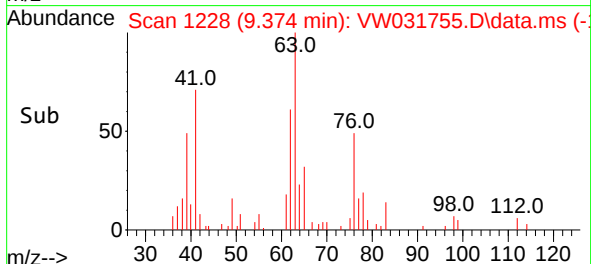
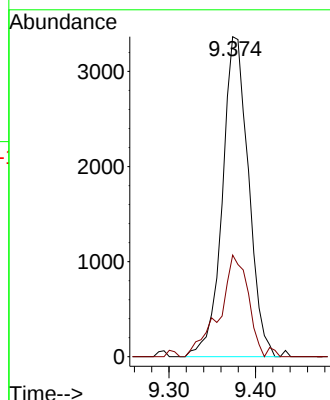
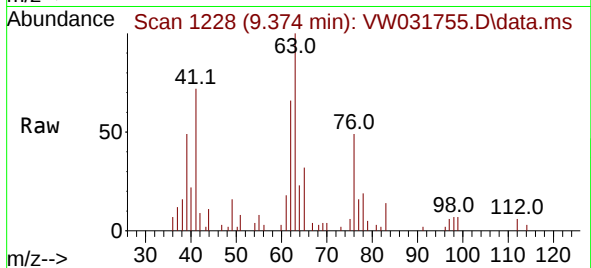
MDL05

Tgt Ion: 63 Resp: 7061

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.4



#46

Dibromomethane

Concen: 2.662 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

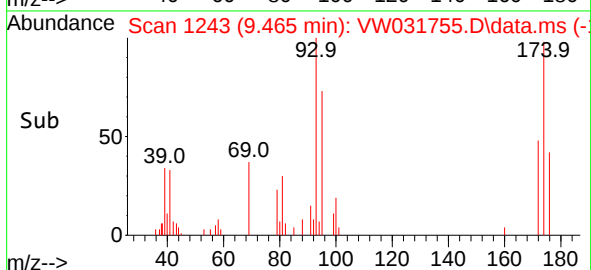
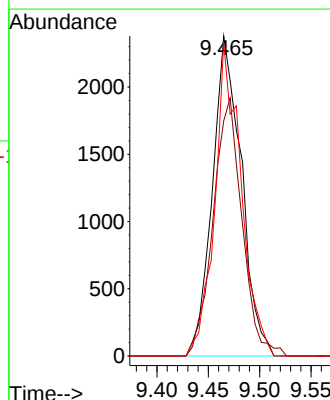
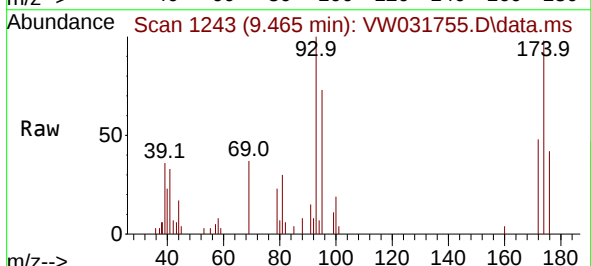
Tgt Ion: 93 Resp: 4648

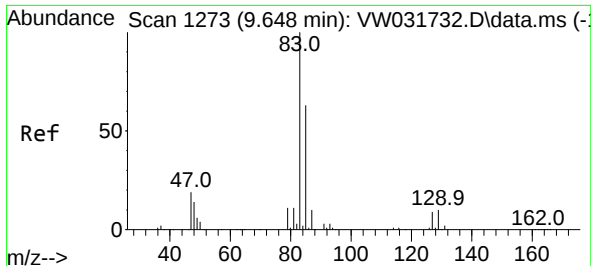
Ion Ratio Lower Upper

93 100

95 80.7 67.0 100.4

174 89.0 71.7 107.5

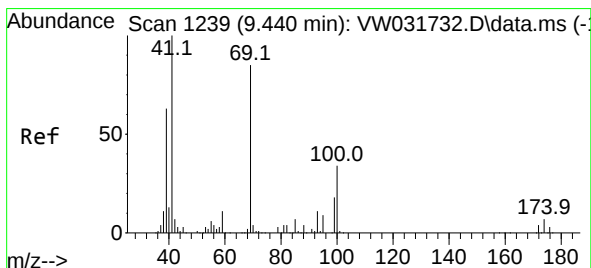
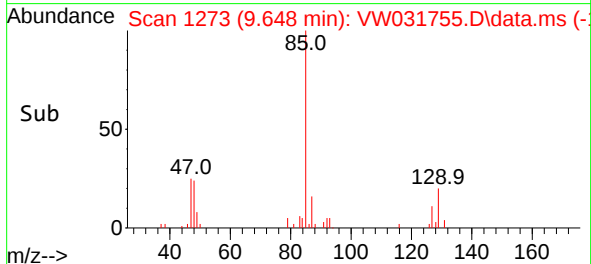
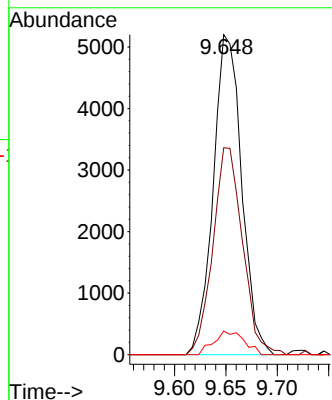
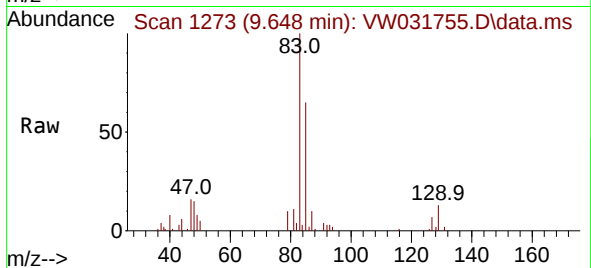




#47
Bromodichloromethane
Concen: 2.444 ug/l
RT: 9.648 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

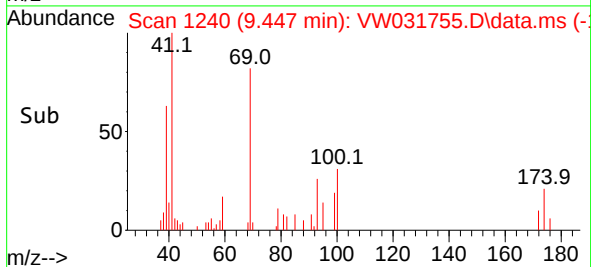
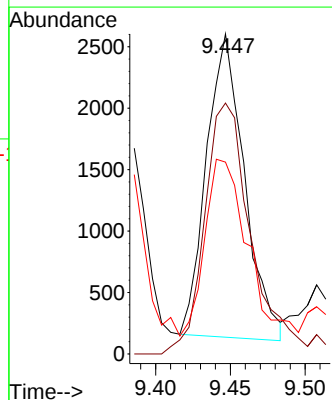
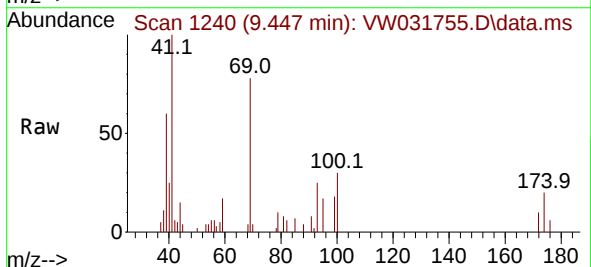
Instrument :
MSVOA_W
ClientSampleId :
MDL05

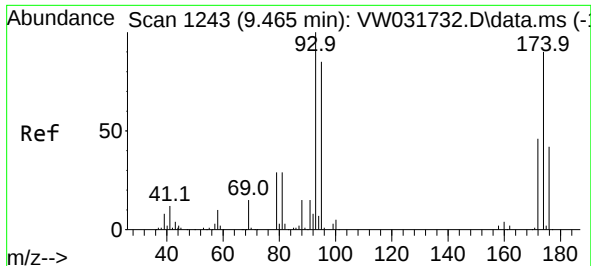
Tgt Ion: 83 Resp: 10007
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2
127 7.4 6.8 10.2



#48
Methyl methacrylate
Concen: 2.152 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 41 Resp: 4352
Ion Ratio Lower Upper
41 100
69 100.1 71.6 107.4
39 64.2 49.5 74.3

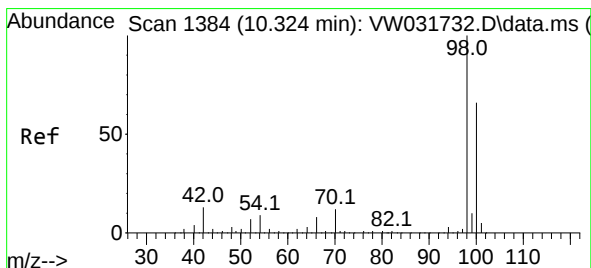
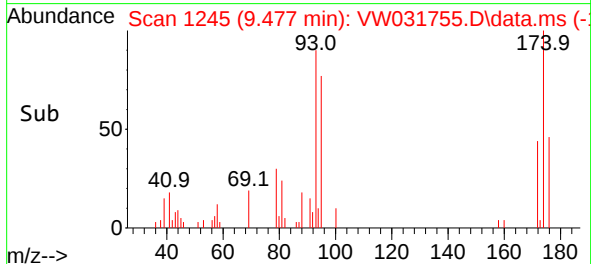
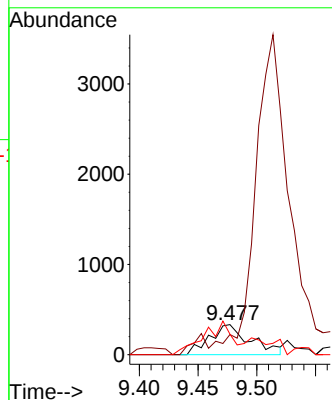
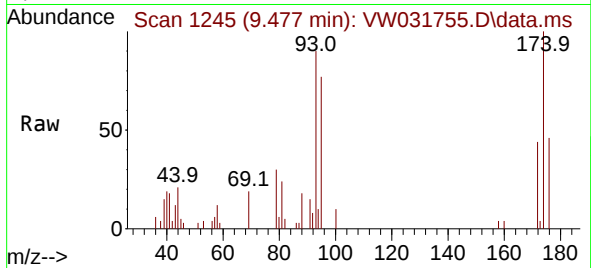




#49
 1,4-Dioxane
 Concen: 39.308 ug/l
 RT: 9.477 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

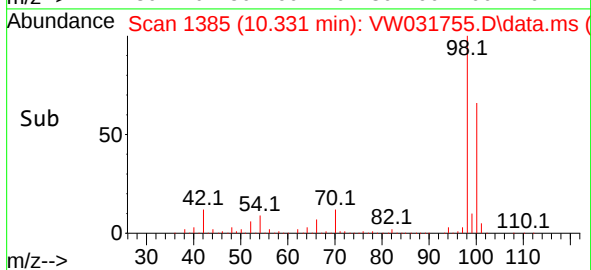
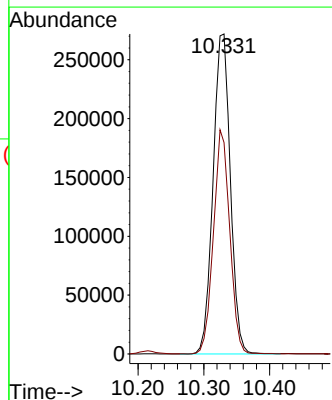
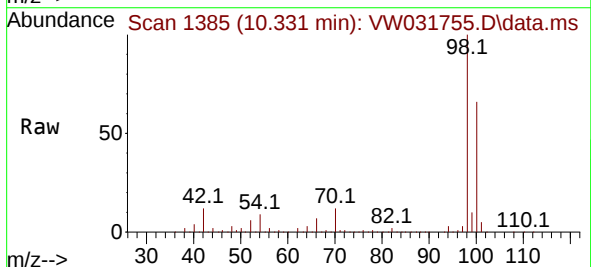
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

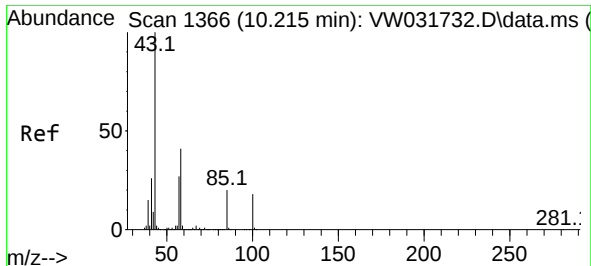
Tgt Ion: 88 Resp: 804
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 81.2 58.3 87.5



#50
 Toluene-d8
 Concen: 51.163 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

Tgt Ion: 98 Resp: 497751
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.0 79.4

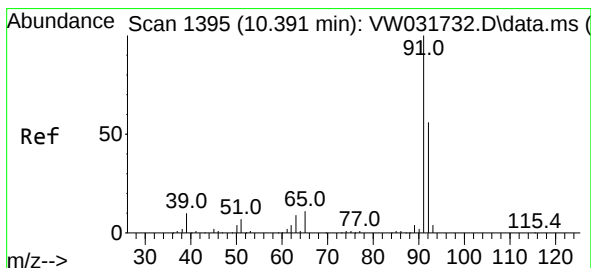
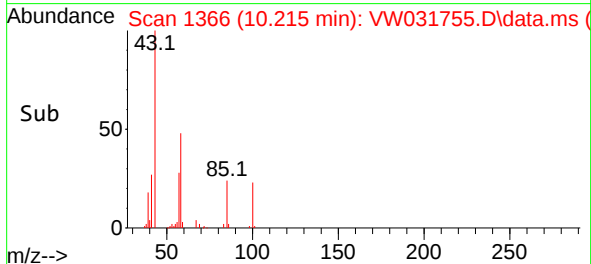
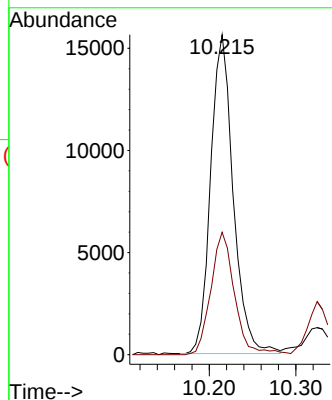
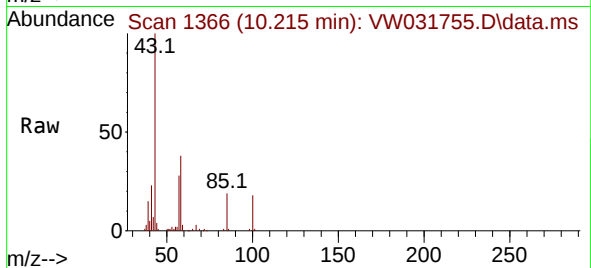




#51
4-Methyl-2-Pentanone
Concen: 11.937 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

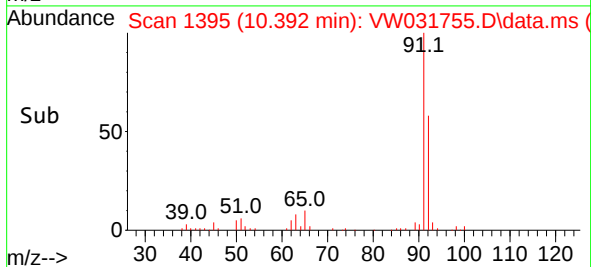
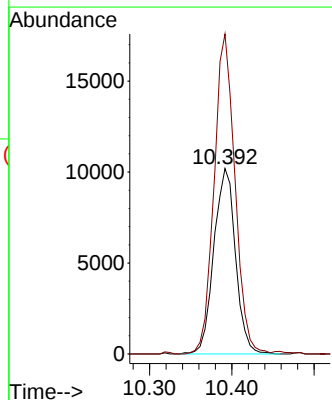
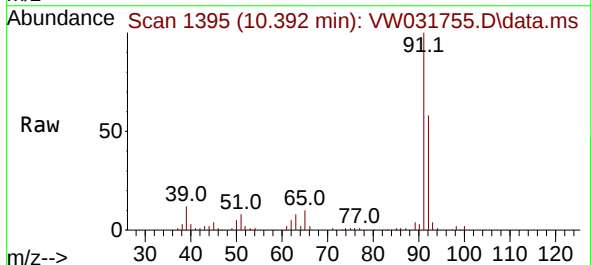
Instrument :
MSVOA_W
ClientSampleId :
MDL05

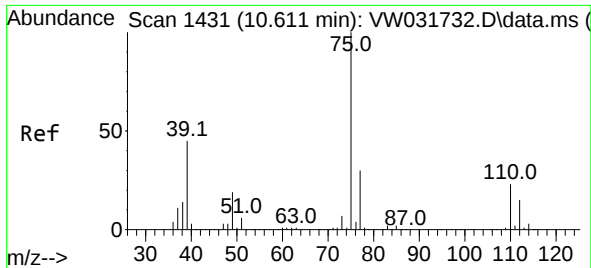
Tgt Ion: 43 Resp: 28230
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 2.600 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 92 Resp: 18629
Ion Ratio Lower Upper
92 100
91 166.5 139.5 209.3

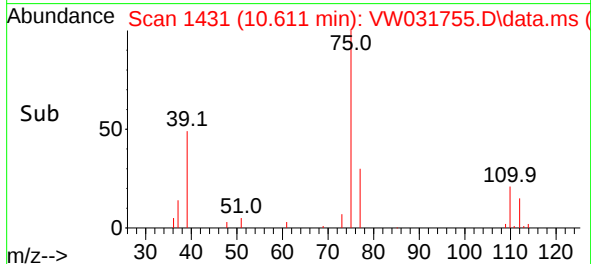
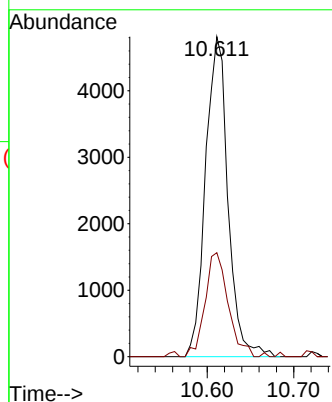
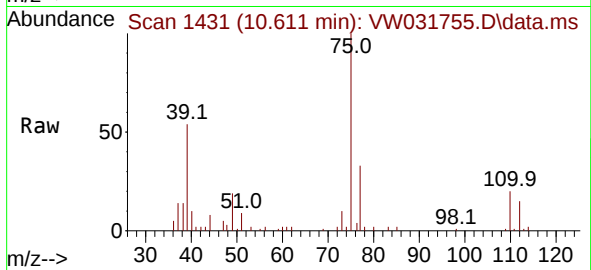




#53
 t-1,3-Dichloropropene
 Concen: 2.253 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

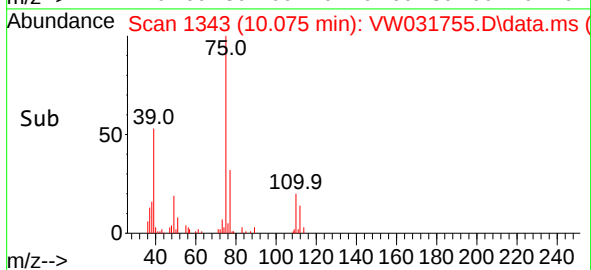
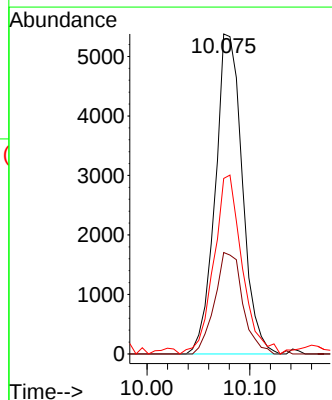
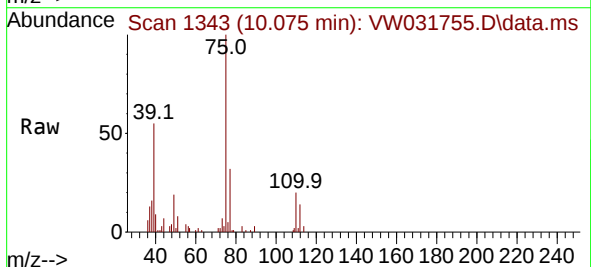
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

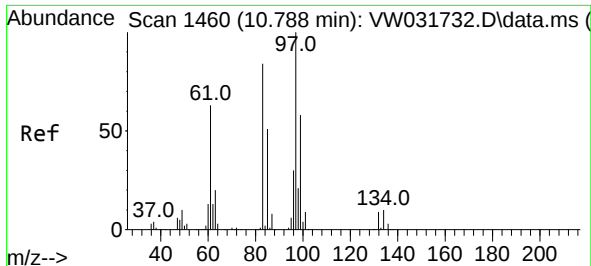
Tgt Ion: 75 Resp: 8658
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.261 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031755.D
 Acq: 02 Jul 2025 13:22

Tgt Ion: 75 Resp: 9848
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 54.9 41.8 62.6

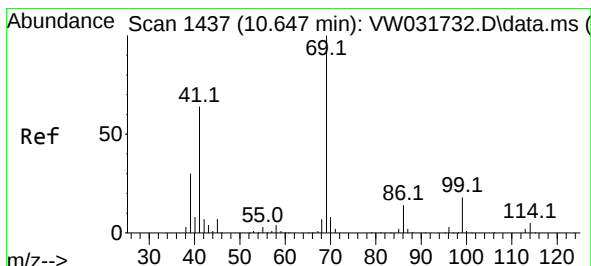
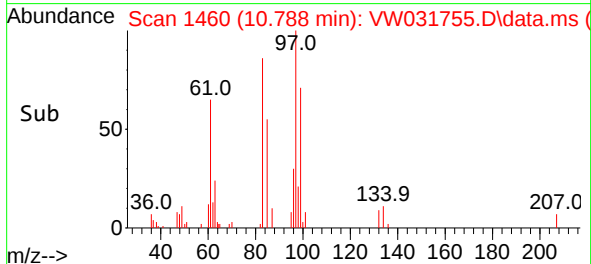
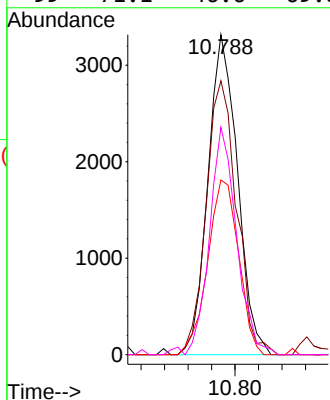
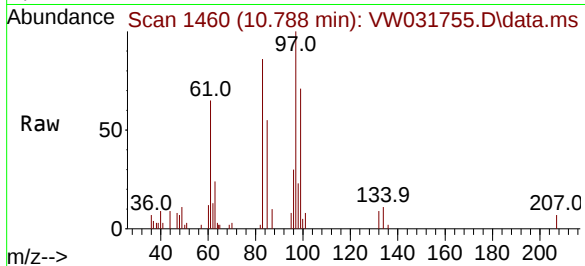




#55
1,1,2-Trichloroethane
Concen: 2.528 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

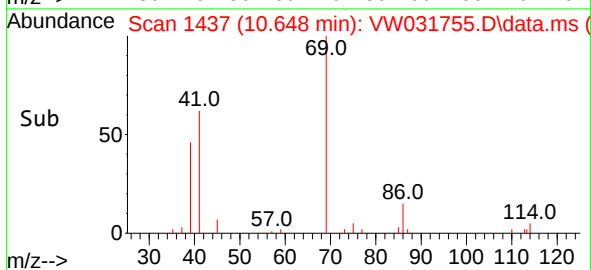
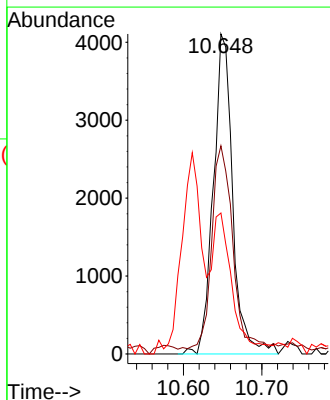
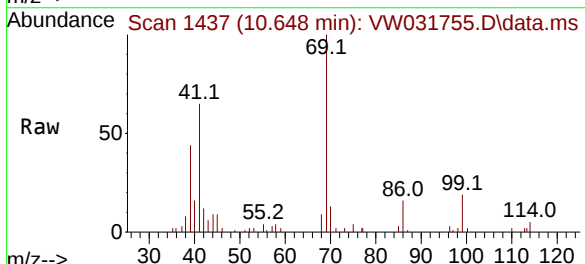
Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion:	97	Resp:	5784
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.9	100.3
85	54.6	41.1	61.7
99	71.1	46.6	69.8



#56
Ethyl methacrylate
Concen: 2.275 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:	69	Resp:	7061
Ion	Ratio	Lower	Upper
69	100		
41	67.9	53.3	79.9
39	40.2	30.2	45.2





#57

1,3-Dichloropropane

Concen: 2.552 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

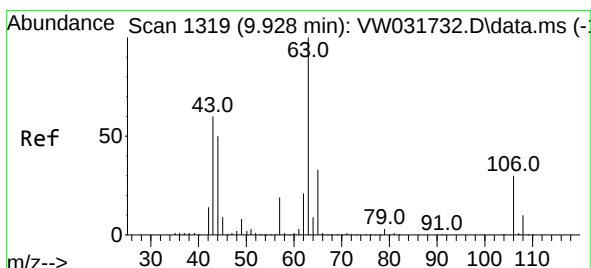
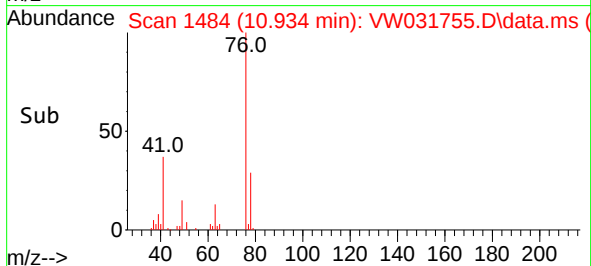
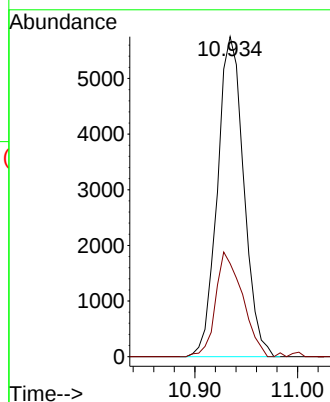
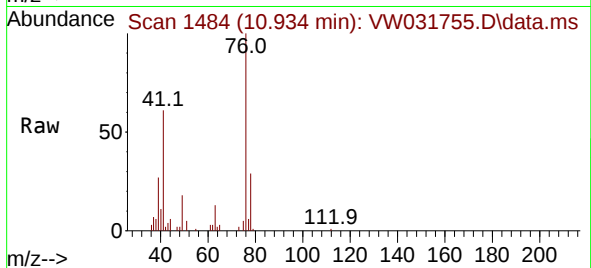
MDL05

Tgt Ion: 76 Resp: 10251

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 11.036 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031755.D

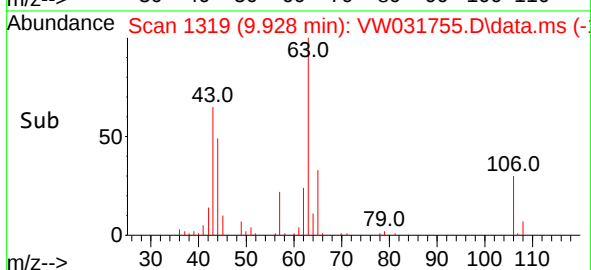
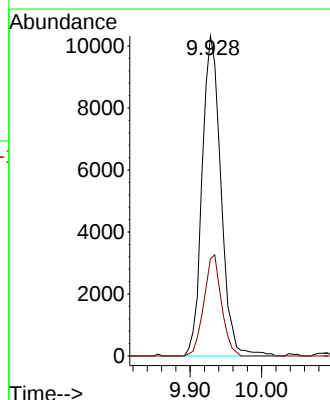
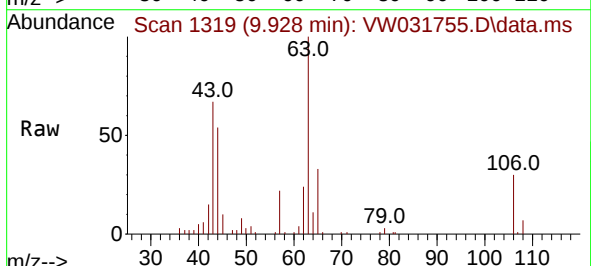
Acq: 02 Jul 2025 13:22

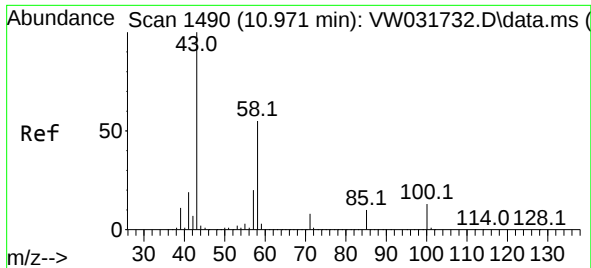
Tgt Ion: 63 Resp: 18860

Ion Ratio Lower Upper

63 100

106 29.5 24.1 36.1

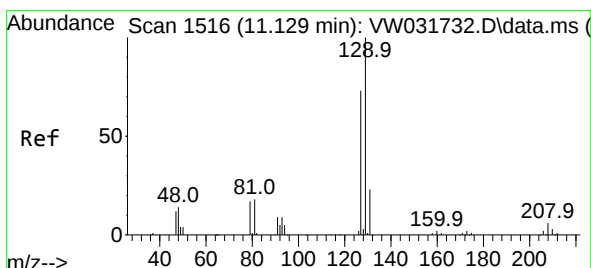
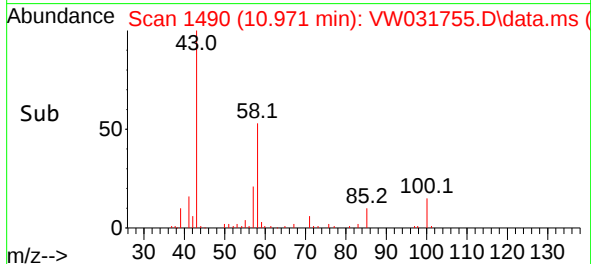
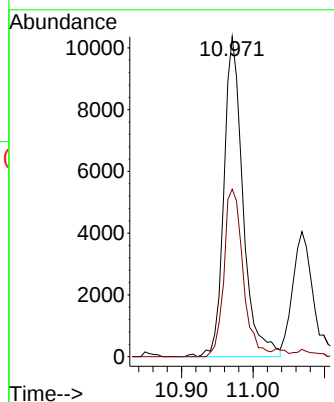
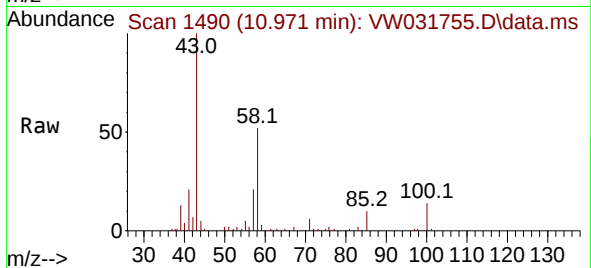




#59
2-Hexanone
Concen: 11.976 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

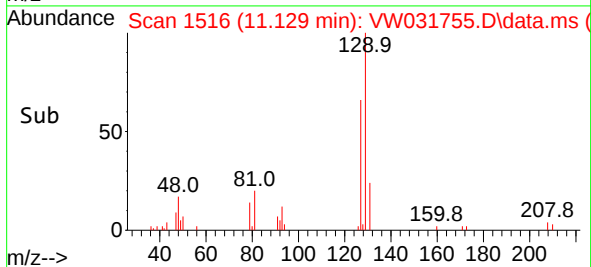
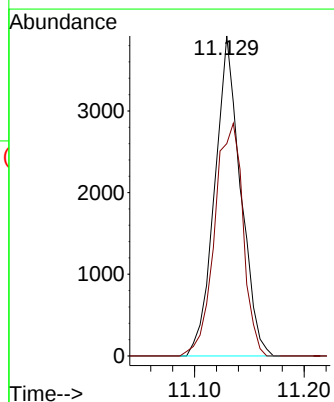
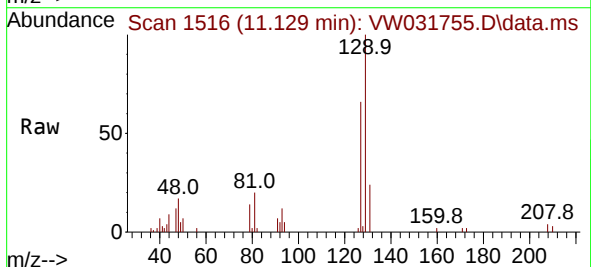
Instrument :
MSVOA_W
ClientSampleId :
MDL05

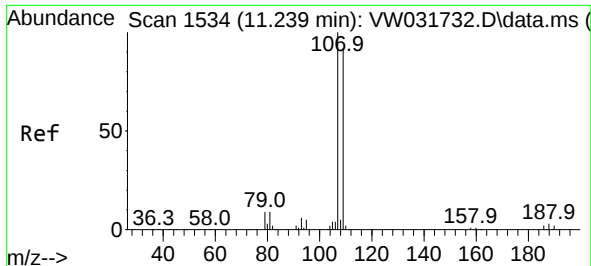
Tgt Ion: 43 Resp: 19192
Ion Ratio Lower Upper
43 100
58 52.5 27.9 83.6



#60
Dibromochloromethane
Concen: 2.352 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 129 Resp: 6435
Ion Ratio Lower Upper
129 100
127 79.4 38.0 114.1

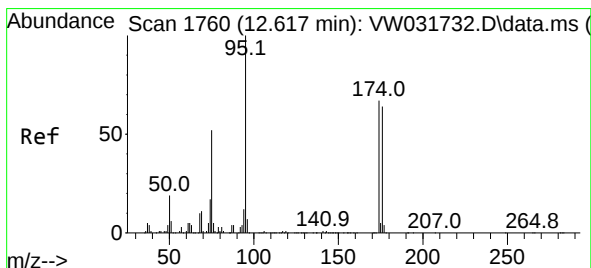
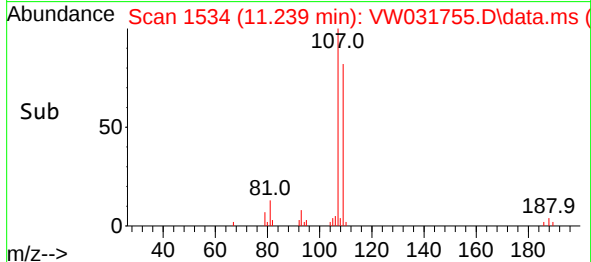
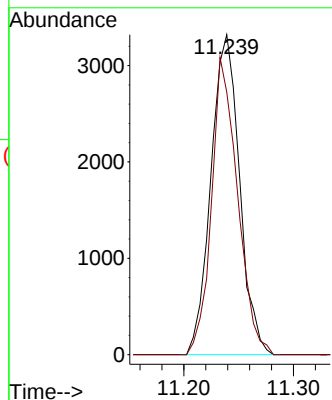
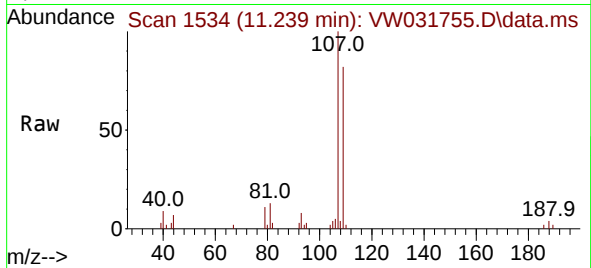




#61
1,2-Dibromoethane
Concen: 2.624 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

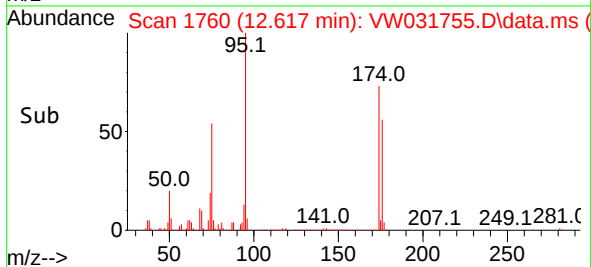
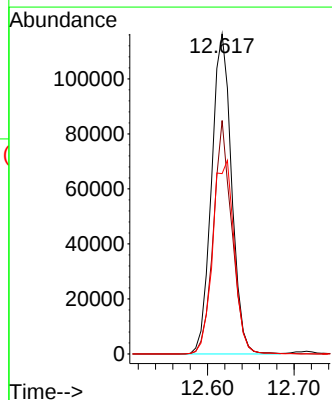
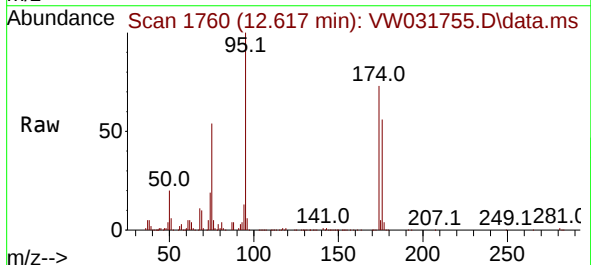
Instrument :
MSVOA_W
ClientSampleId :
MDL05

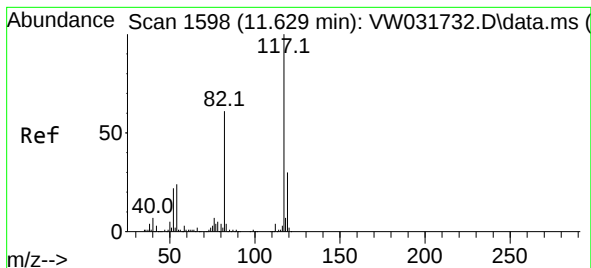
Tgt Ion:107 Resp: 6010
Ion Ratio Lower Upper
107 100
109 84.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 95 Resp: 186907
Ion Ratio Lower Upper
95 100
174 67.4 0.0 133.8
176 65.4 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

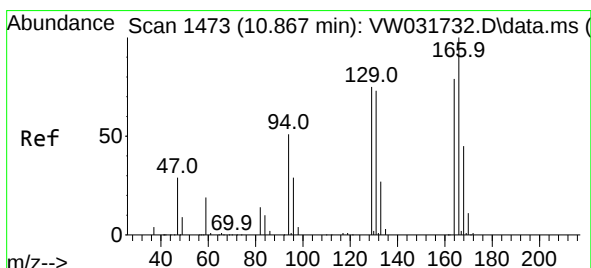
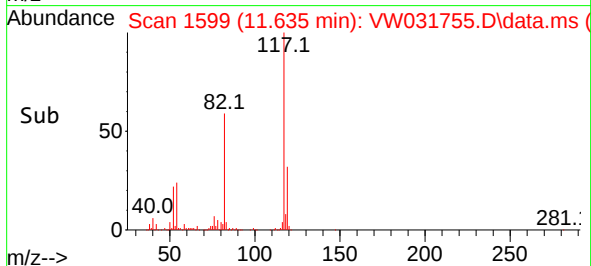
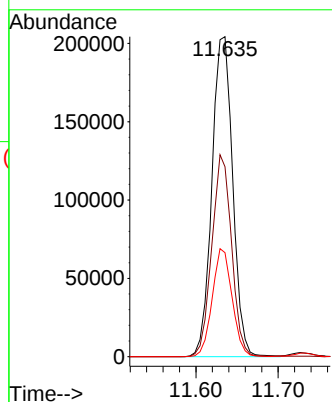
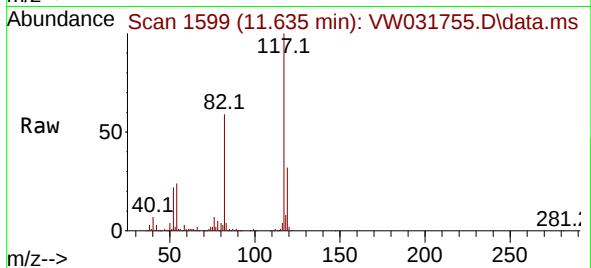
Tgt Ion:117 Resp: 358413

Ion Ratio Lower Upper

117 100

82 59.4 48.6 72.8

119 32.5 23.9 35.9



#64

Tetrachloroethene

Concen: 2.299 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Tgt Ion:164 Resp: 5390

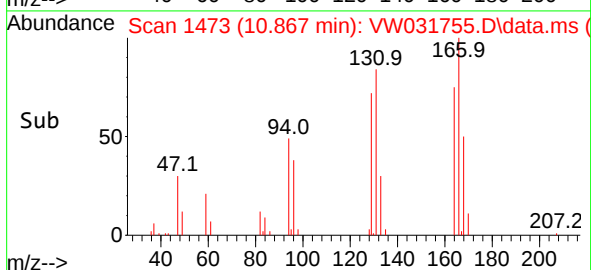
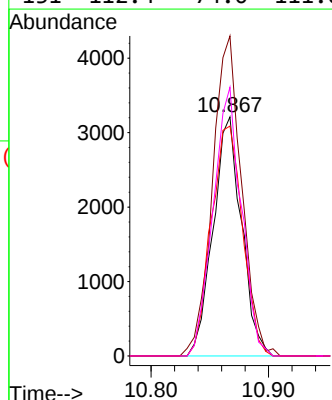
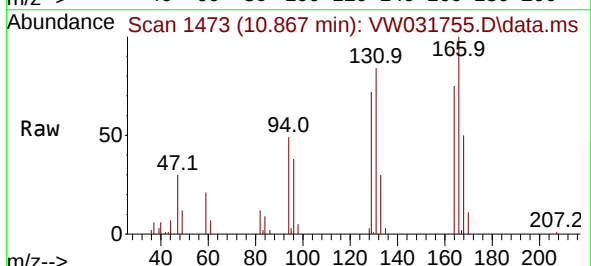
Ion Ratio Lower Upper

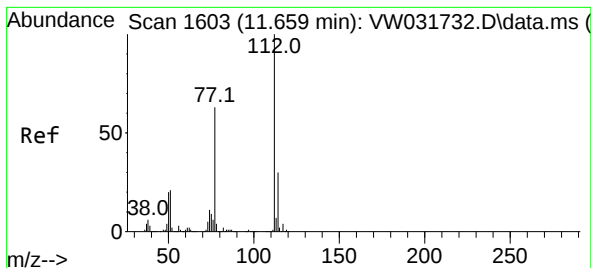
164 100

166 133.9 100.7 151.1

129 96.2 75.4 113.0

131 112.4 74.0 111.0#





#65

Chlorobenzene

Concen: 2.542 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

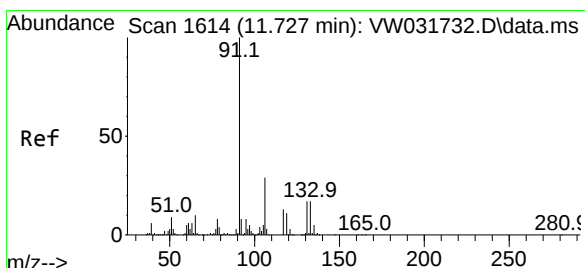
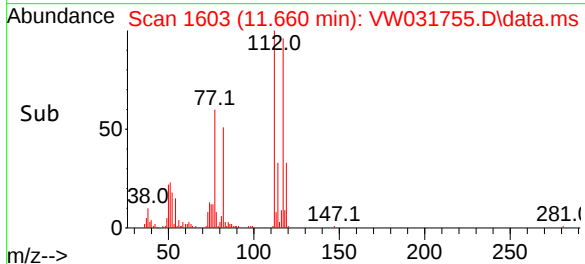
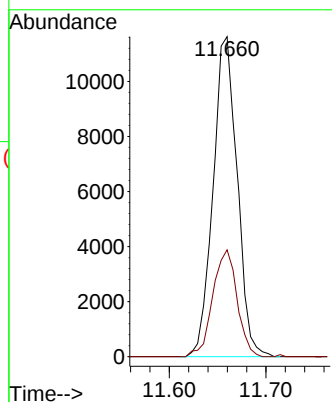
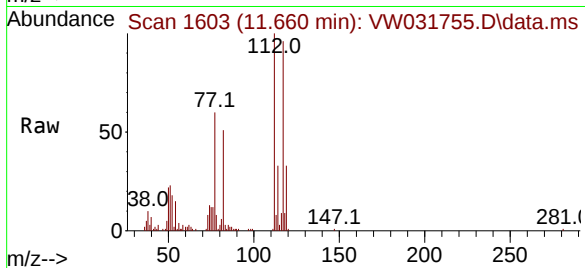
MDL05

Tgt Ion:112 Resp: 20103

Ion Ratio Lower Upper

112 100

114 33.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.417 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

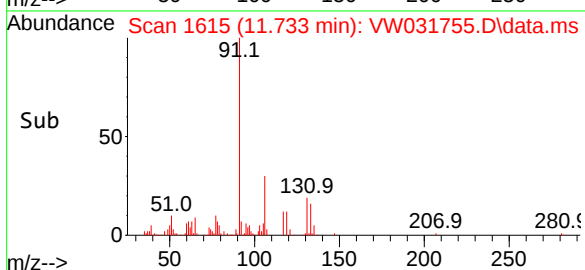
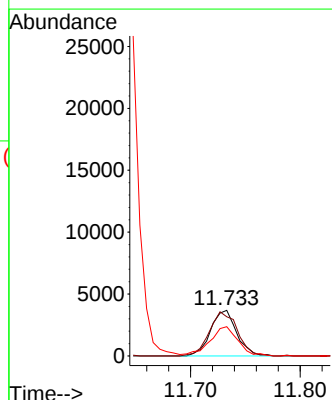
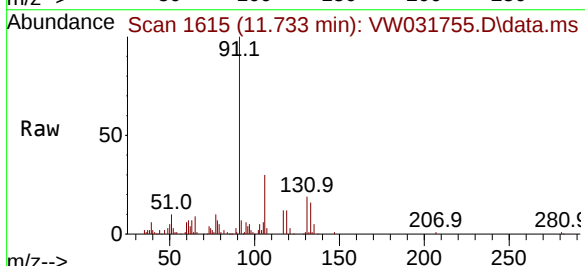
Tgt Ion:131 Resp: 6092

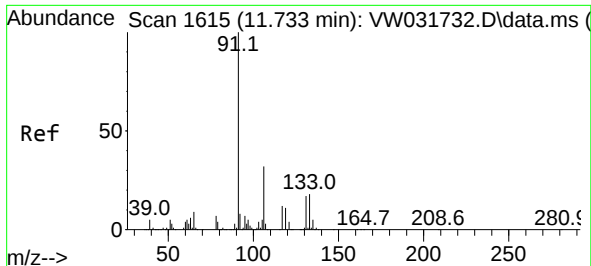
Ion Ratio Lower Upper

131 100

133 104.4 48.5 145.6

119 69.2 32.5 97.5





#67

Ethyl Benzene

Concen: 2.402 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

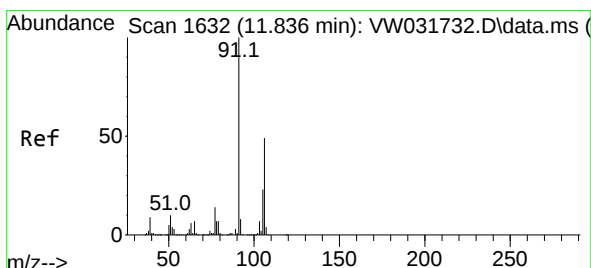
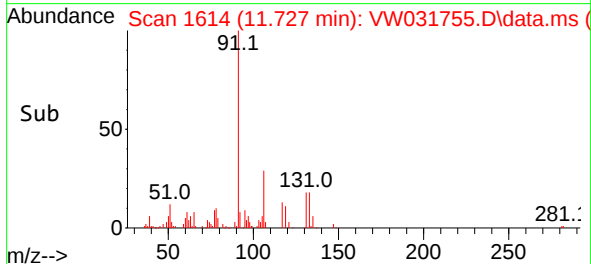
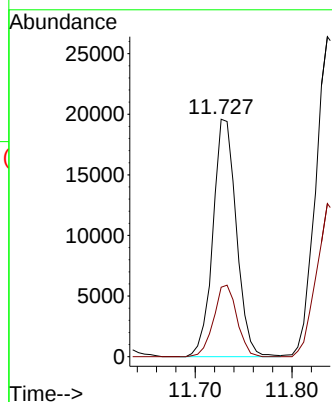
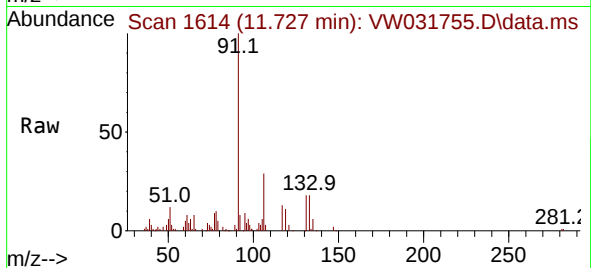
MDL05

Tgt Ion: 91 Resp: 32943

Ion Ratio Lower Upper

91 100

106 29.2 25.4 38.2



#68

m/p-Xylenes

Concen: 4.534 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031755.D

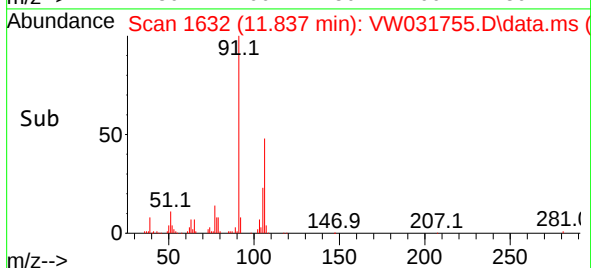
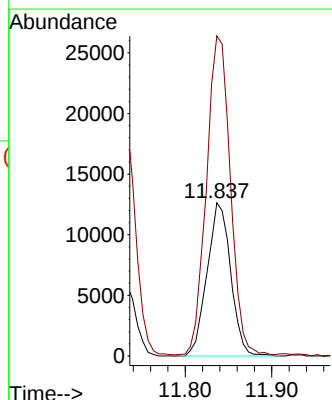
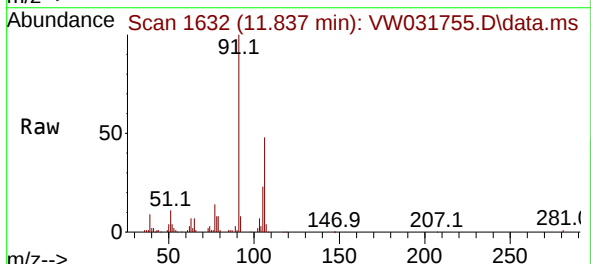
Acq: 02 Jul 2025 13:22

Tgt Ion:106 Resp: 23902

Ion Ratio Lower Upper

106 100

91 210.9 166.4 249.6

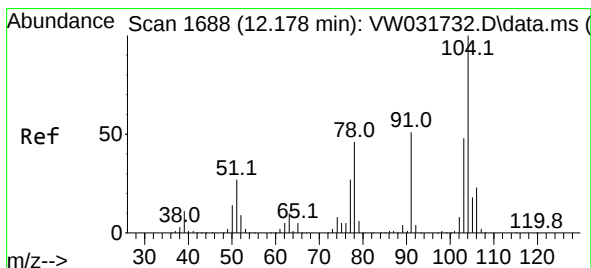
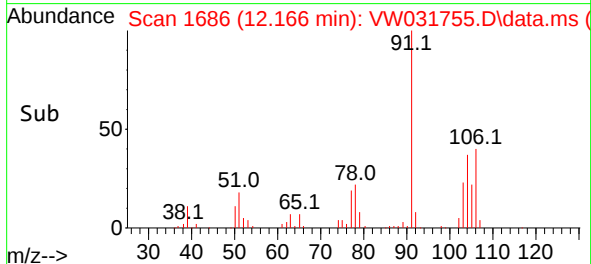
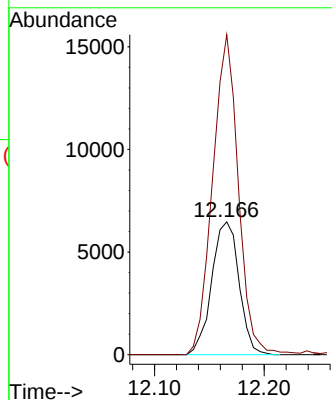
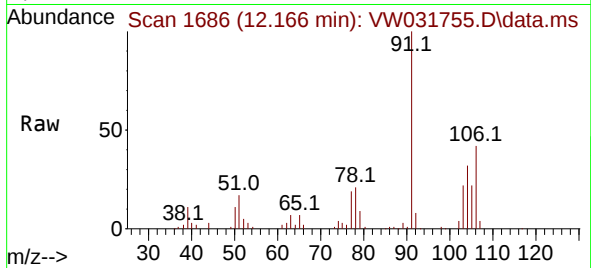




#69
o-Xylene
Concen: 2.293 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

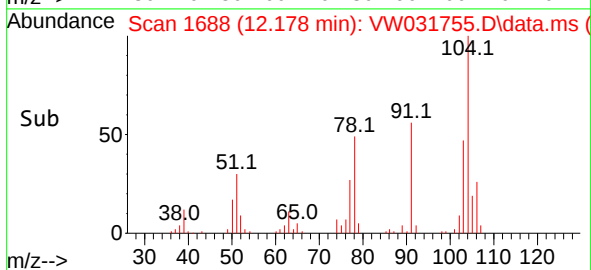
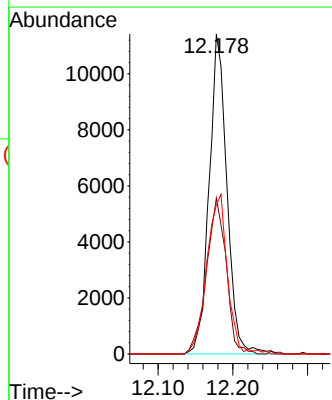
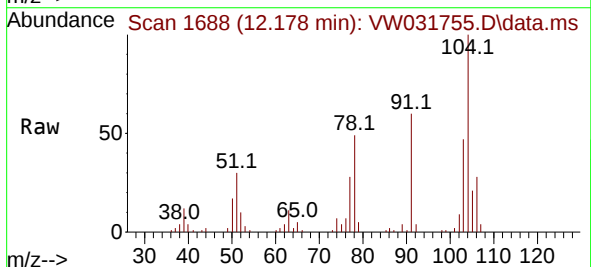
Instrument :
MSVOA_W
ClientSampleId :
MDL05

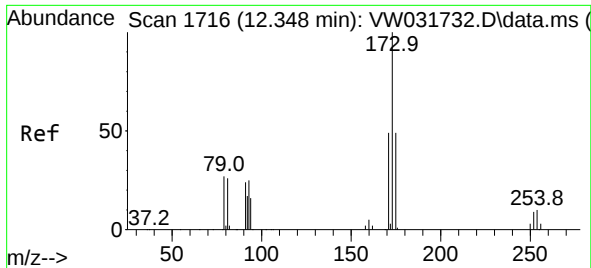
Tgt Ion:106 Resp: 11193
Ion Ratio Lower Upper
106 100
91 227.0 111.5 334.4



#70
Styrene
Concen: 2.235 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:104 Resp: 18859
Ion Ratio Lower Upper
104 100
78 53.8 42.1 63.1
103 57.8 43.0 64.6

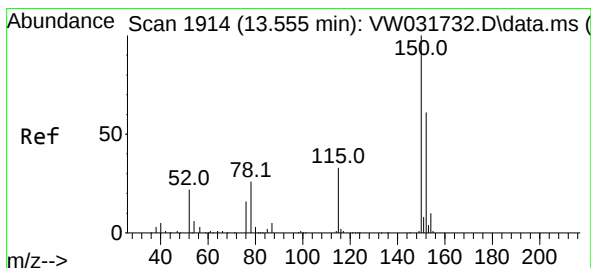
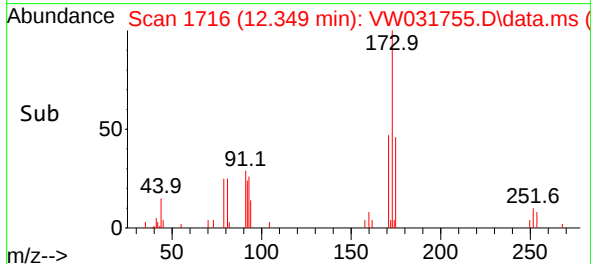
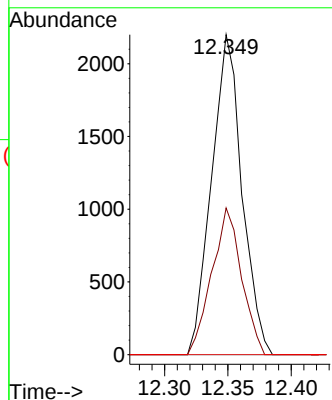
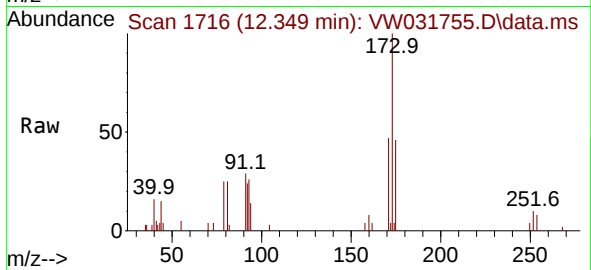




#71
Bromoform
Concen: 2.441 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

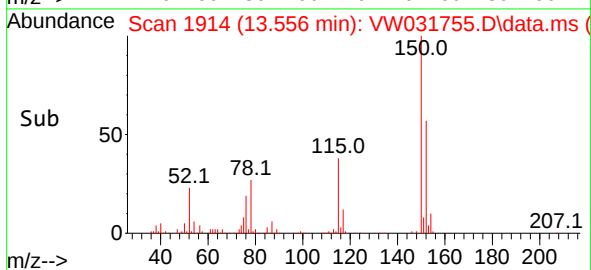
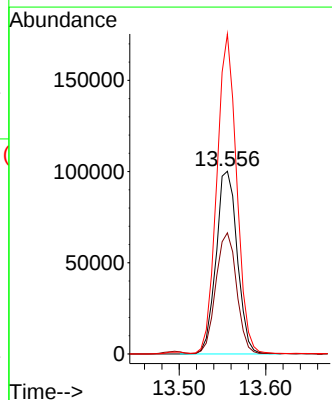
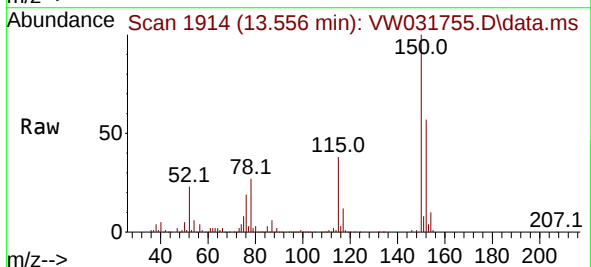
Instrument :
MSVOA_W
ClientSampleId :
MDL05

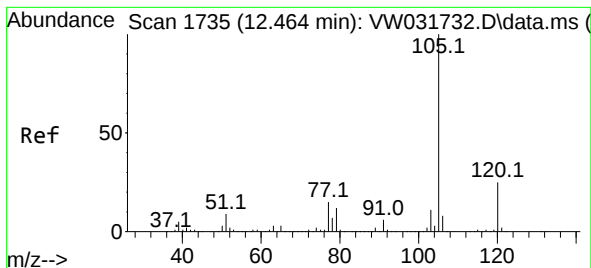
Tgt Ion:173 Resp: 3669
Ion Ratio Lower Upper
173 100
175 44.9 24.0 72.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:152 Resp: 169962
Ion Ratio Lower Upper
152 100
115 65.2 31.9 95.7
150 163.2 0.0 356.4





#73

Isopropylbenzene

Concen: 2.219 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

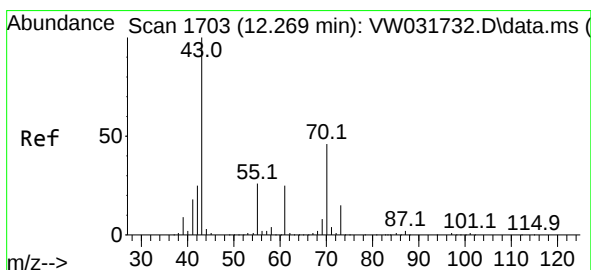
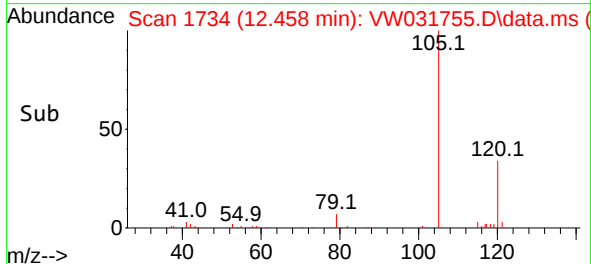
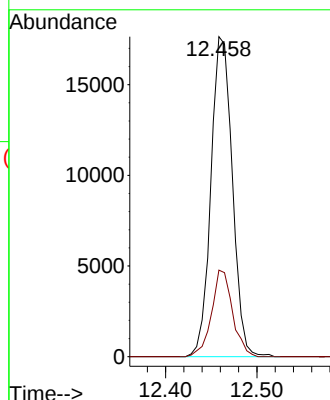
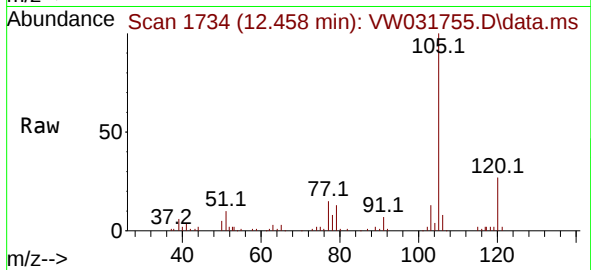
MDL05

Tgt Ion:105 Resp: 28688

Ion Ratio Lower Upper

105 100

120 26.6 12.8 38.4



#74

N-ethyl acetate

Concen: 2.312 ug/l

RT: 12.275 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Tgt Ion: 43 Resp: 8055

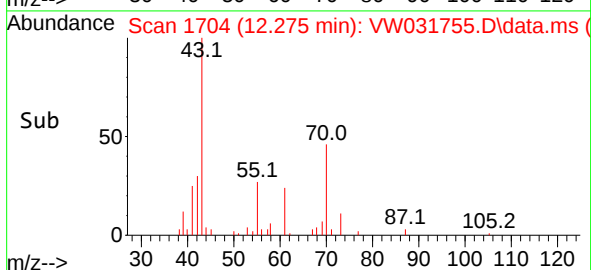
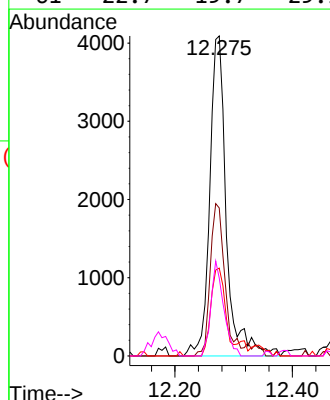
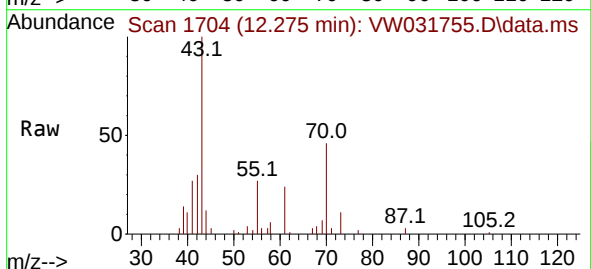
Ion Ratio Lower Upper

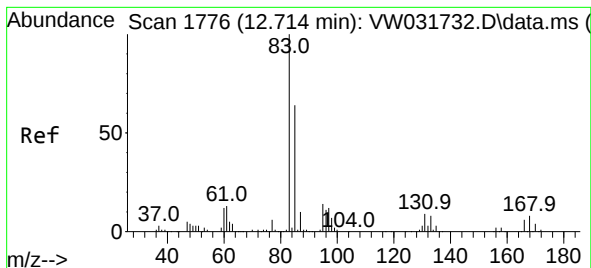
43 100

70 42.2 36.0 54.0

55 23.6 20.8 31.2

61 22.7 19.7 29.5

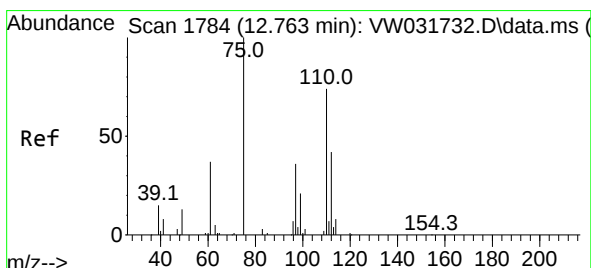
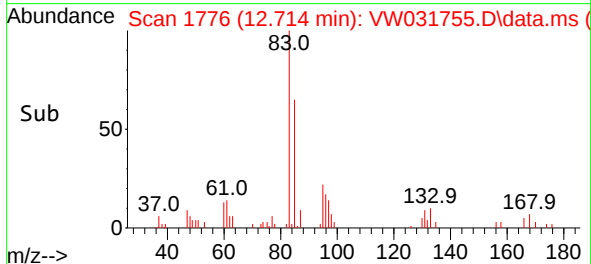
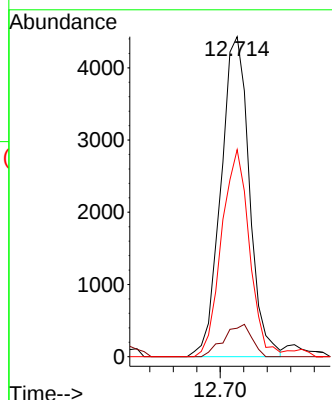
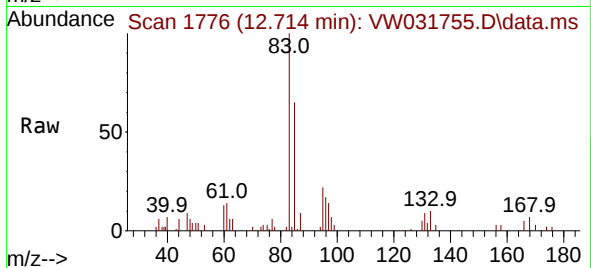




#75
1,1,2-Tetrachloroethane
Concen: 2.594 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

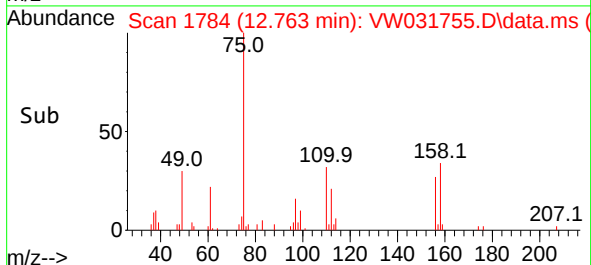
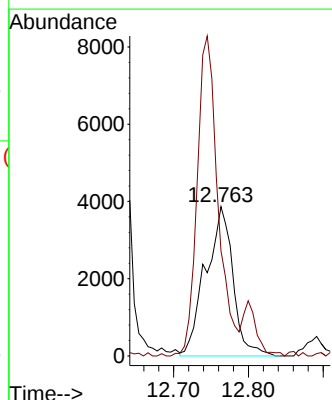
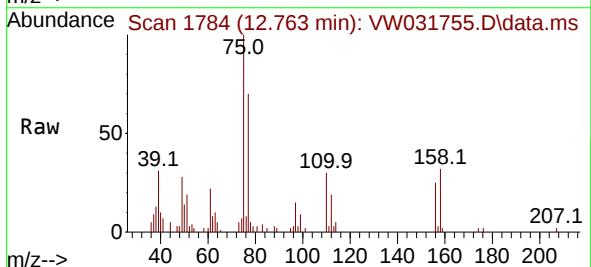
Instrument :
MSVOA_W
ClientSampleId :
MDL05

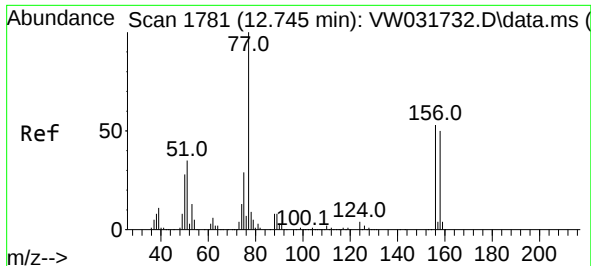
Tgt Ion: 83 Resp: 7444
Ion Ratio Lower Upper
83 100
131 9.9 5.3 16.1
85 64.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 4.469 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 75 Resp: 9815
Ion Ratio Lower Upper
75 100
77 163.9 141.2 423.6

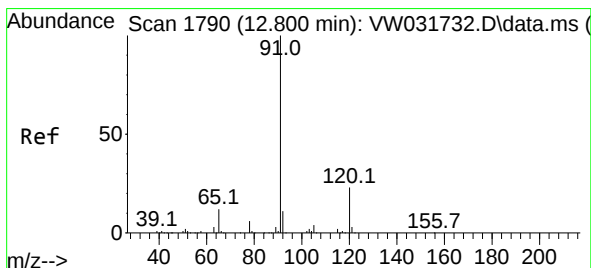
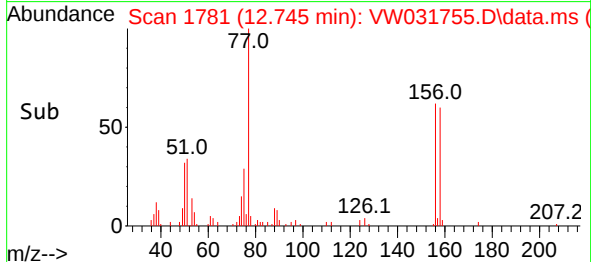
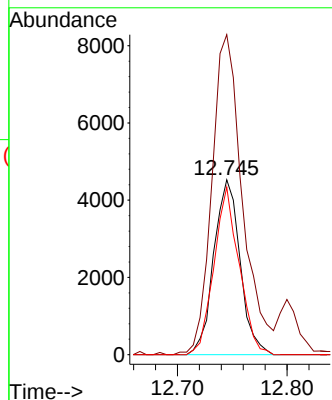
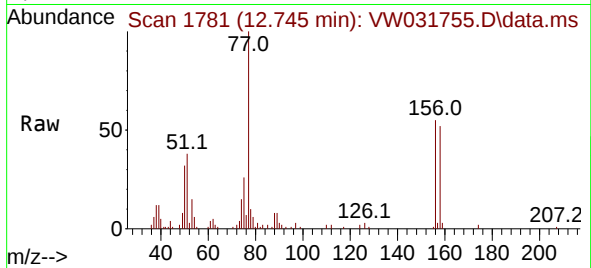




#77
Bromobenzene
Concen: 2.615 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

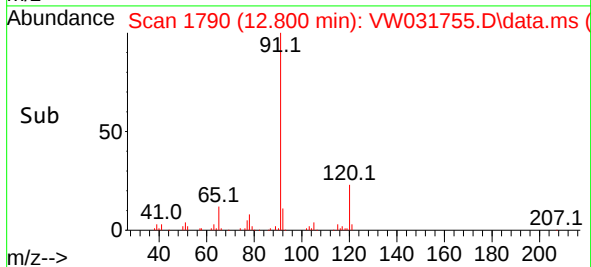
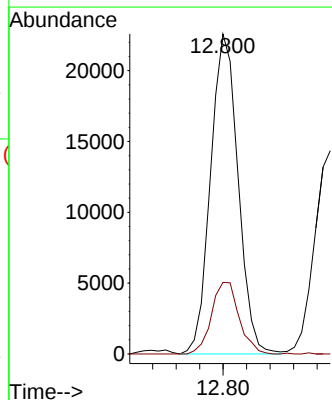
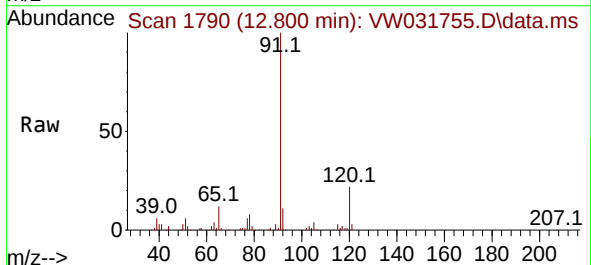
Instrument :
MSVOA_W
ClientSampleId :
MDL05

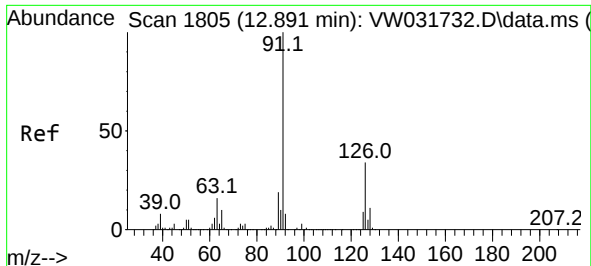
Tgt Ion:156 Resp: 7539
Ion Ratio Lower Upper
156 100
77 213.3 117.9 353.7
158 92.0 52.6 157.8



#78
n-propylbenzene
Concen: 2.374 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 91 Resp: 36750
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

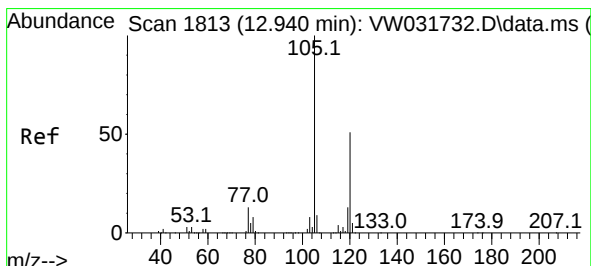
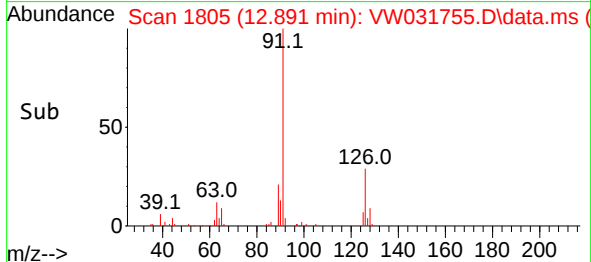
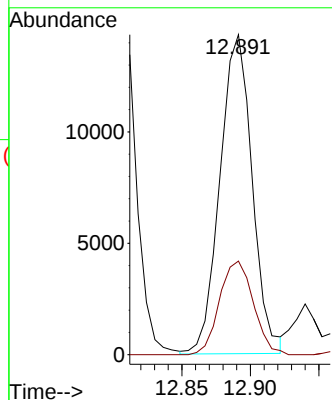
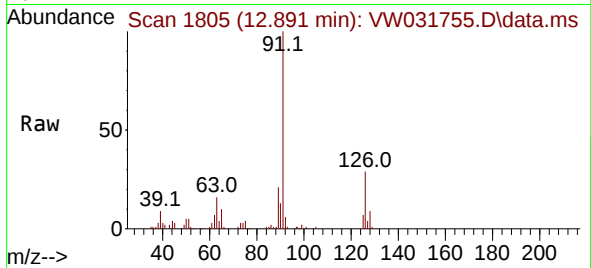




#79
2-Chlorotoluene
Concen: 2.515 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

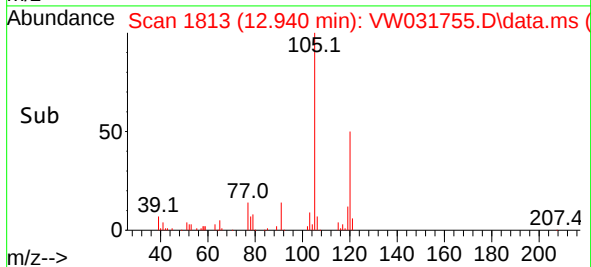
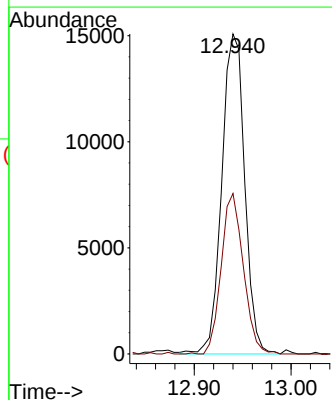
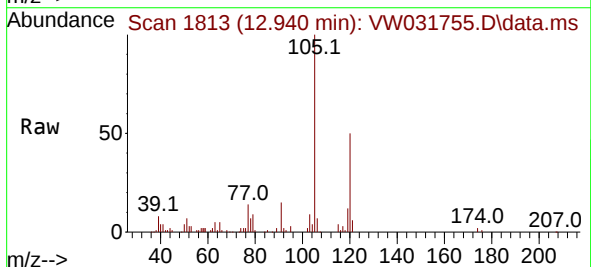
Instrument :
MSVOA_W
ClientSampleId :
MDL05

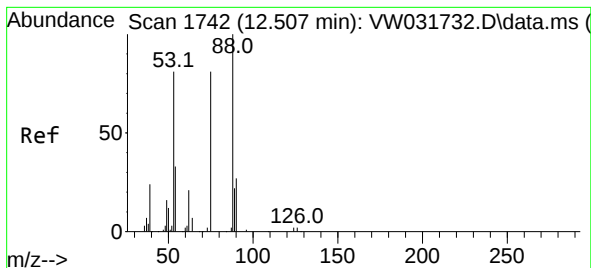
Tgt Ion: 91 Resp: 23442
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 2.314 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion: 105 Resp: 24768
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 106.748 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.110 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

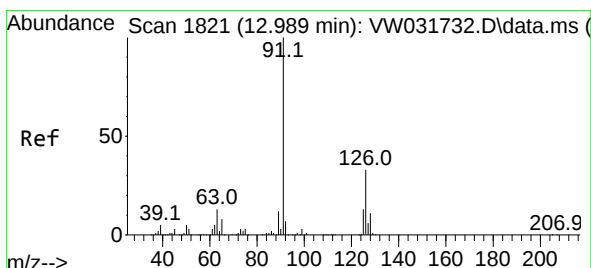
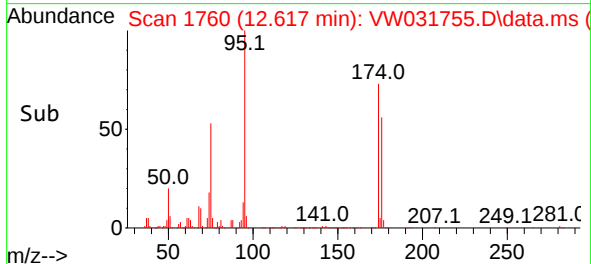
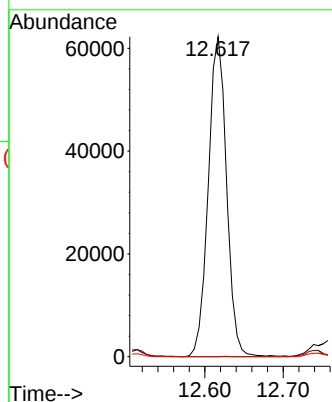
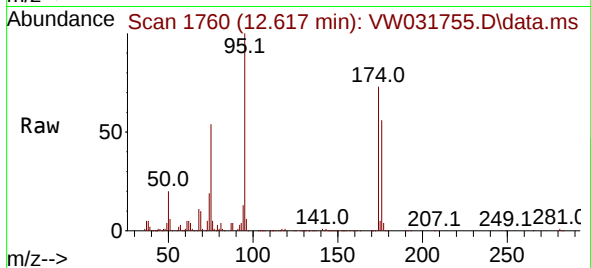
Tgt Ion: 75 Resp: 100663

Ion Ratio Lower Upper

75 100

53 0.0 83.5 125.3#

89 0.0 38.3 57.5#



#82

4-Chlorotoluene

Concen: 2.408 ug/l

RT: 12.983 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VW031755.D

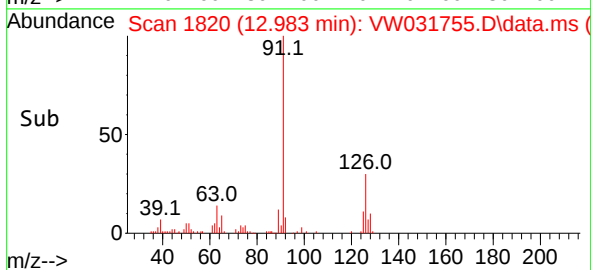
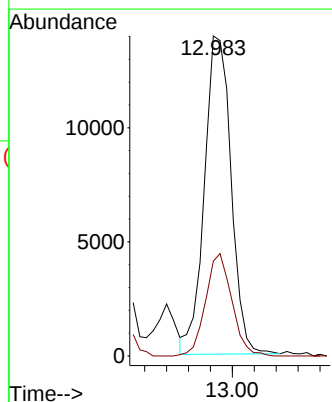
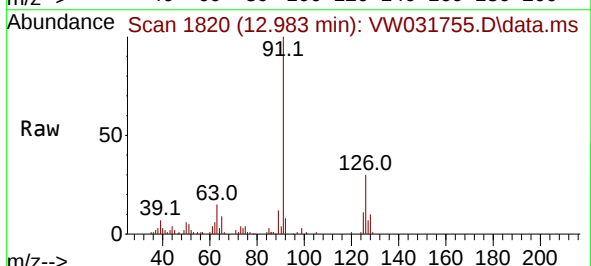
Acq: 02 Jul 2025 13:22

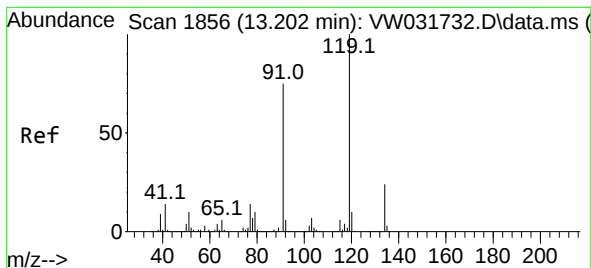
Tgt Ion: 91 Resp: 23572

Ion Ratio Lower Upper

91 100

126 31.7 16.0 47.9





#83

tert-Butylbenzene

Concen: 2.221 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

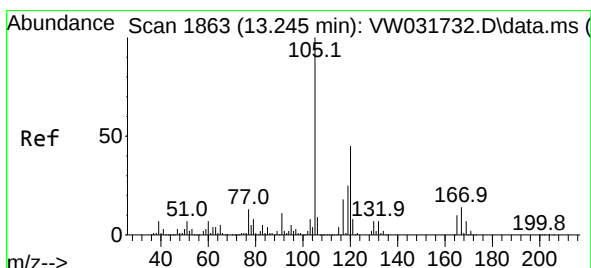
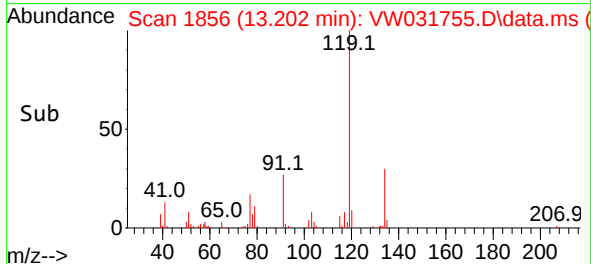
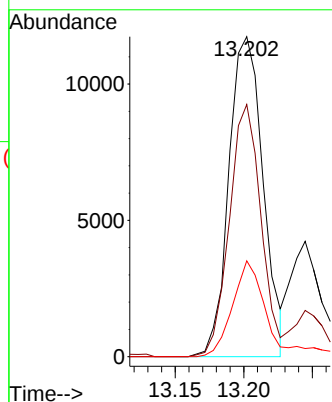
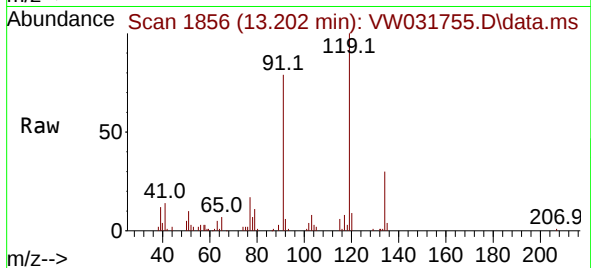
Tgt Ion:119 Resp: 20358

Ion Ratio Lower Upper

119 100

91 72.7 36.0 108.1

134 30.1 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.288 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031755.D

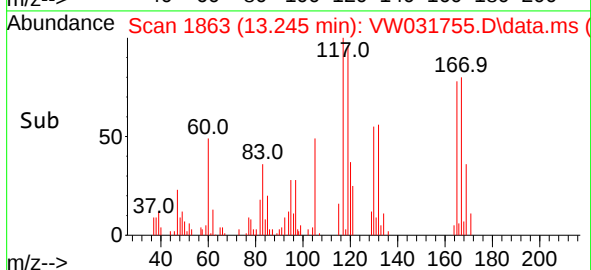
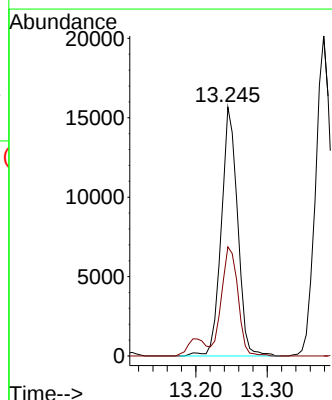
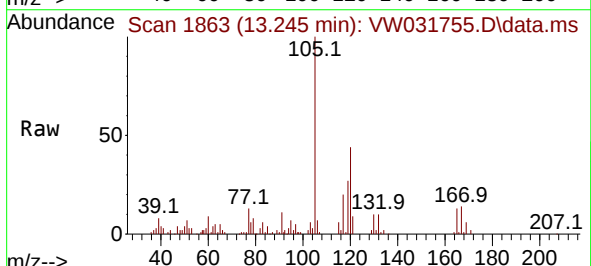
Acq: 02 Jul 2025 13:22

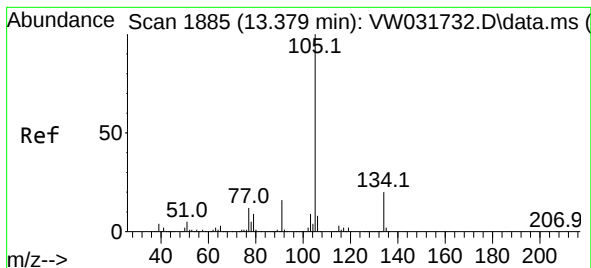
Tgt Ion:105 Resp: 24808

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.281 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

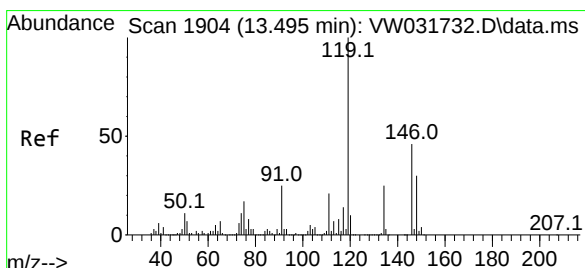
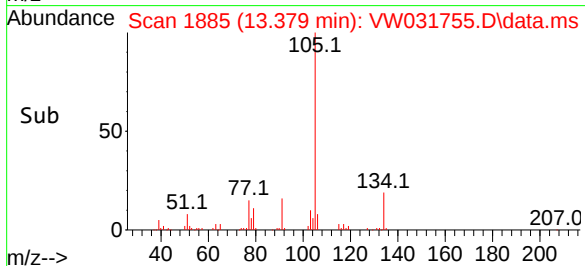
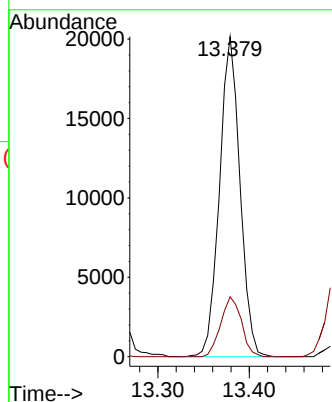
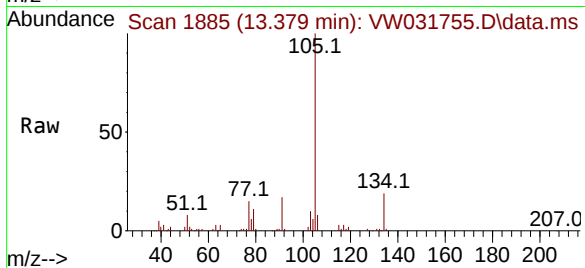
MDL05

Tgt Ion:105 Resp: 31389

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 2.203 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

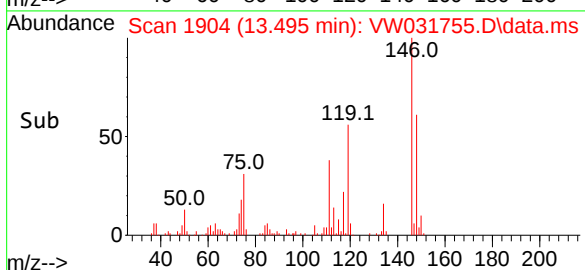
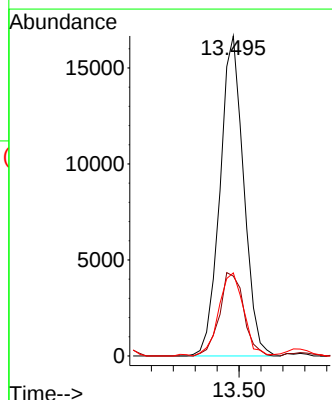
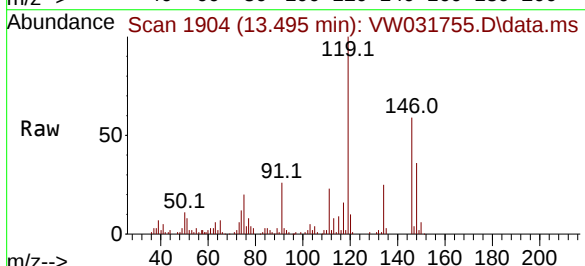
Tgt Ion:119 Resp: 24980

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.7

91 27.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 2.615 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

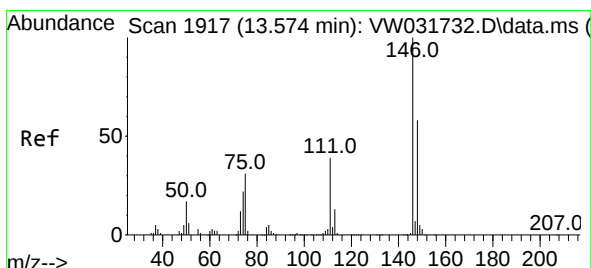
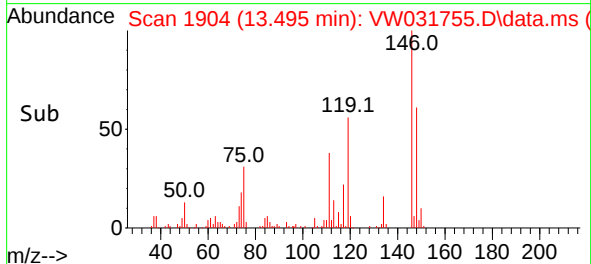
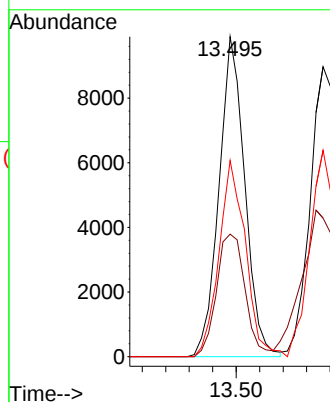
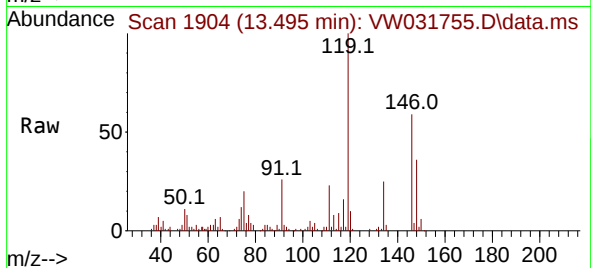
Tgt Ion:146 Resp: 15119

Ion Ratio Lower Upper

146 100

111 42.6 22.3 66.9

148 62.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.608 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

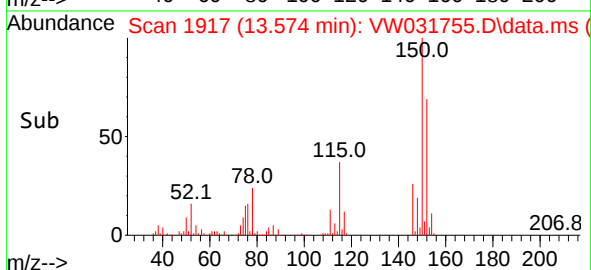
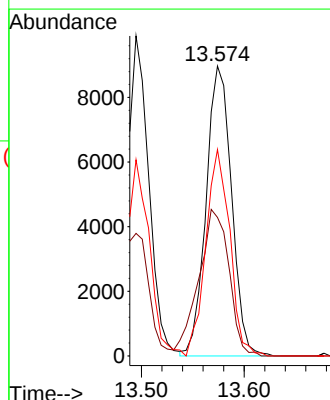
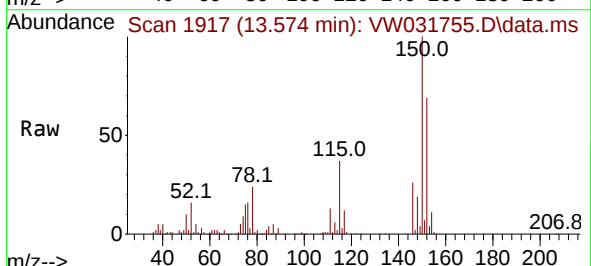
Tgt Ion:146 Resp: 15435

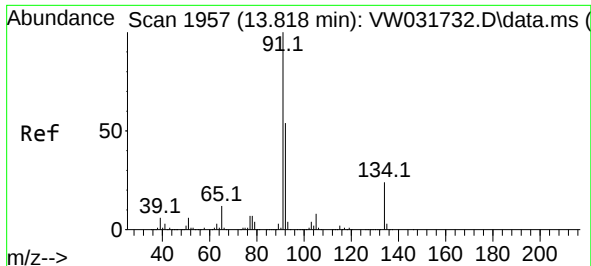
Ion Ratio Lower Upper

146 100

111 59.9 20.4 61.3

148 67.2 30.2 90.6

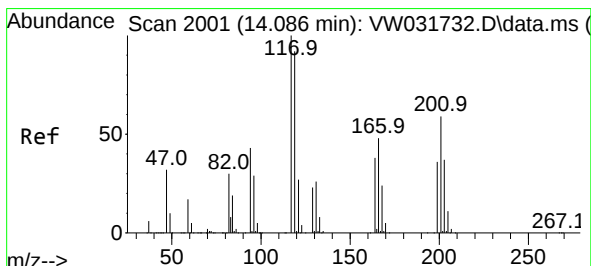
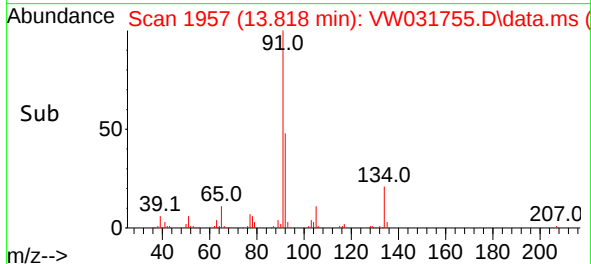
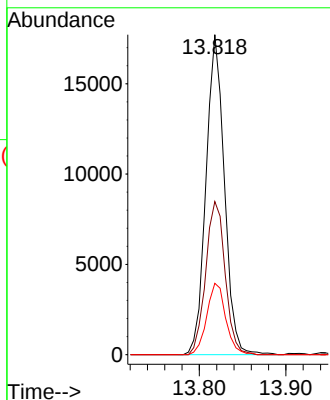
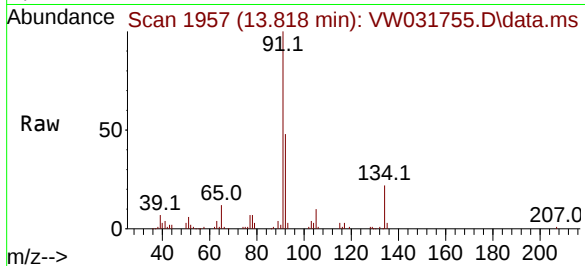




#89
n-Butylbenzene
Concen: 2.373 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

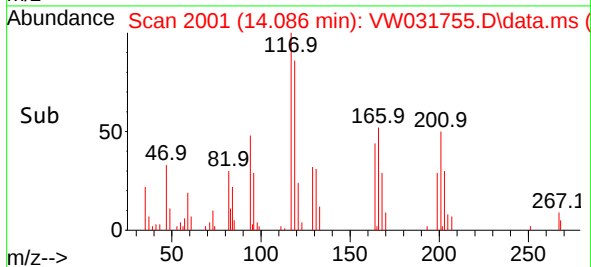
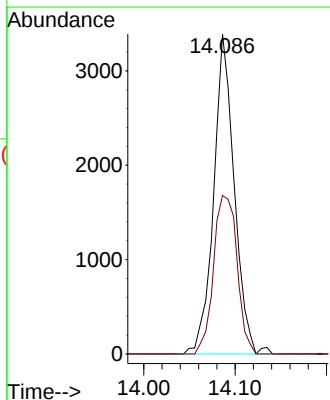
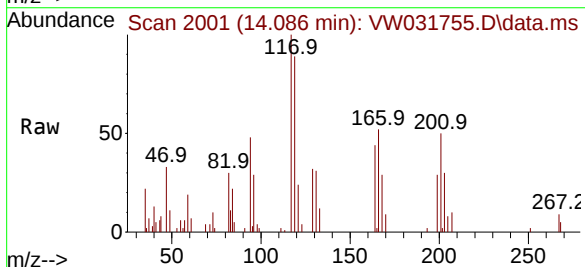
Instrument :
MSVOA_W
ClientSampleId :
MDL05

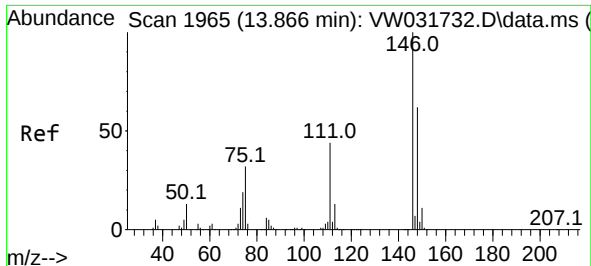
Tgt Ion:	91	Resp:	26143
Ion	Ratio	Lower	Upper
91	100		
92	50.5	27.2	81.5
134	23.1	12.2	36.6



#90
Hexachloroethane
Concen: 2.594 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:	117	Resp:	5306
Ion	Ratio	Lower	Upper
117	100		
201	56.5	31.1	93.3





#91

1,2-Dichlorobenzene

Concen: 2.465 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

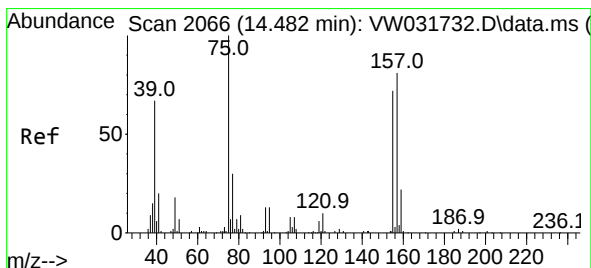
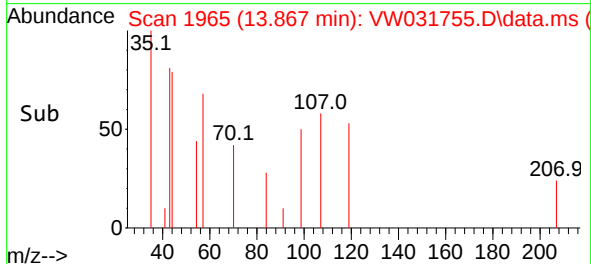
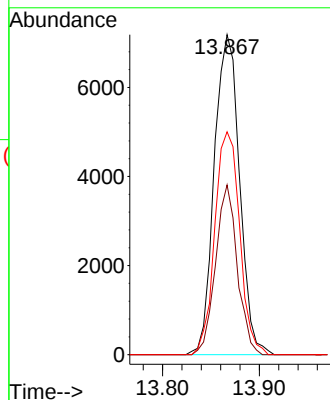
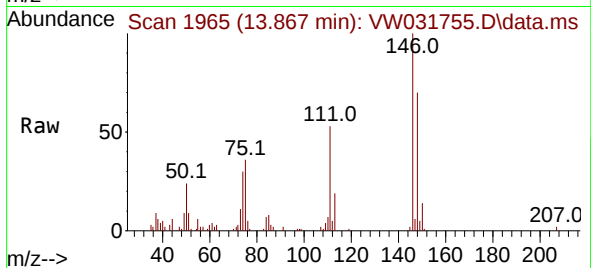
Tgt Ion:146 Resp: 13027

Ion Ratio Lower Upper

146 100

111 45.7 21.7 65.1

148 68.6 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.520 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

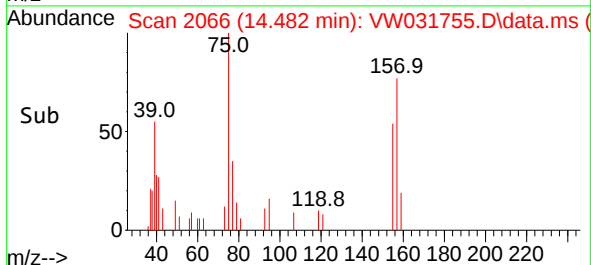
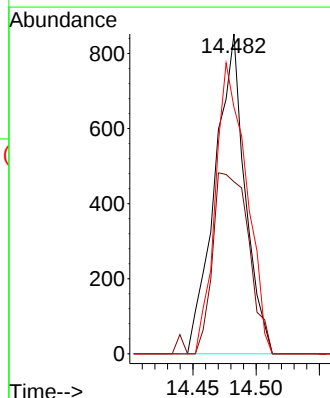
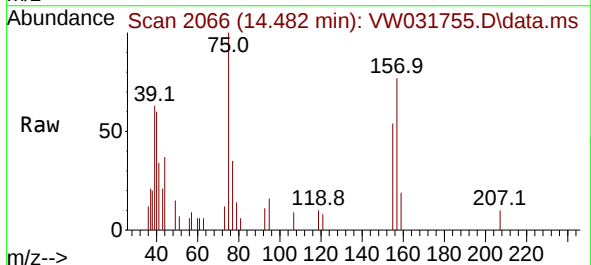
Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

75 100

155 67.9 37.2 111.6

157 94.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.452 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

Instrument :

MSVOA_W

ClientSampleId :

MDL05

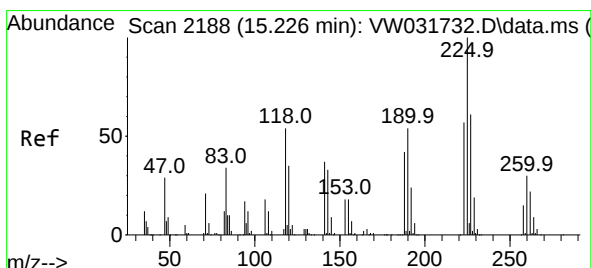
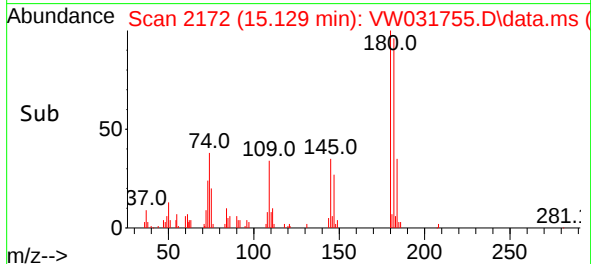
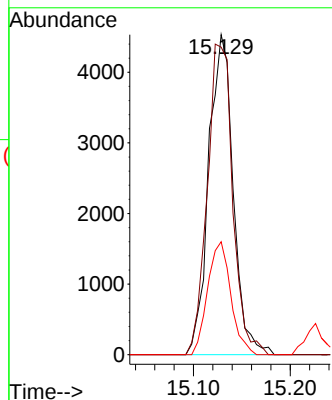
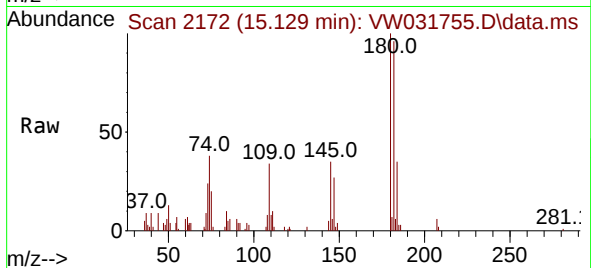
Tgt Ion:180 Resp: 7991

Ion Ratio Lower Upper

180 100

182 100.8 48.6 145.9

145 33.4 17.3 51.7



#94

Hexachlorobutadiene

Concen: 2.731 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031755.D

Acq: 02 Jul 2025 13:22

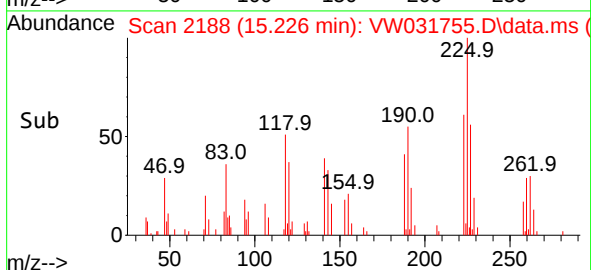
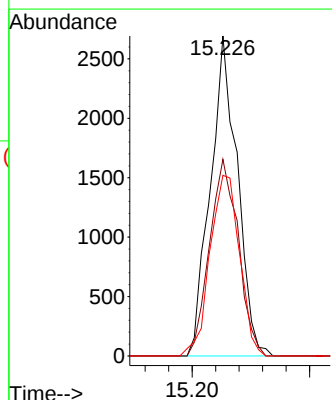
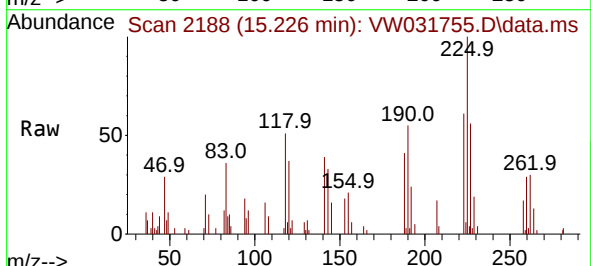
Tgt Ion:225 Resp: 4299

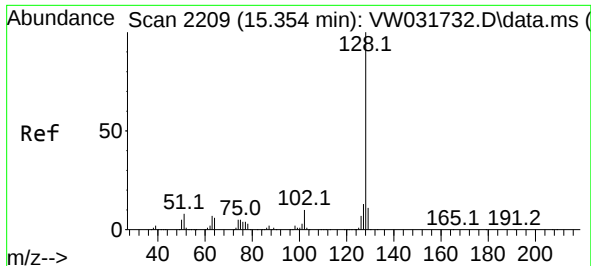
Ion Ratio Lower Upper

225 100

223 65.3 32.6 97.8

227 61.7 37.3 111.8

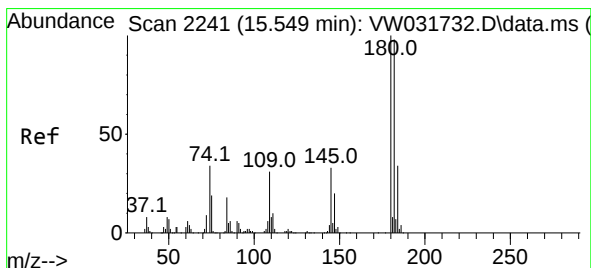
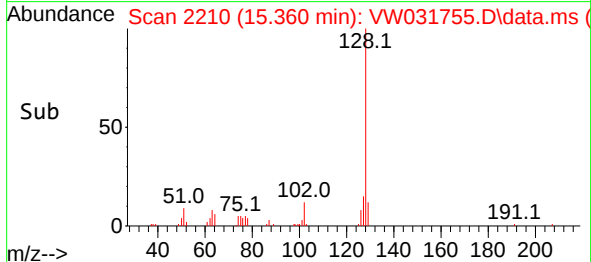
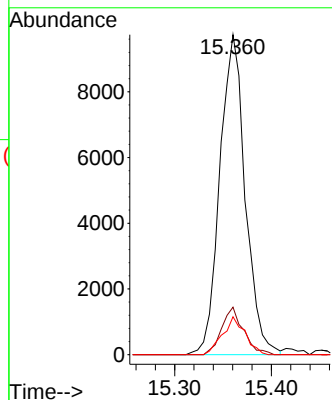
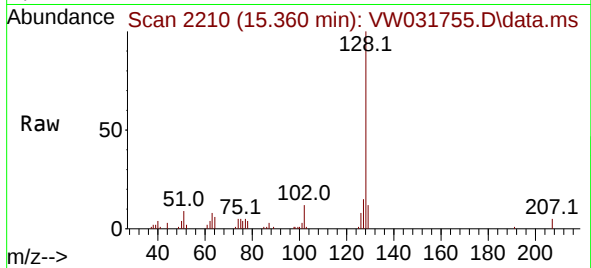




#95
Naphthalene
Concen: 2.224 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Instrument :
MSVOA_W
ClientSampleId :
MDL05

Tgt Ion:	128	Resp:	17775
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	10.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.416 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031755.D
Acq: 02 Jul 2025 13:22

Tgt Ion:	180	Resp:	7236
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.4	139.1
145	41.3	17.8	53.3

