

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031753.D
 Acq On : 02 Jul 2025 12:38
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Quant Time: Jul 03 06:15:46 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	217362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	356810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	162807	52.192	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.380%	
35) Dibromofluoromethane	7.898	113	130993	49.540	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.080%	
50) Toluene-d8	10.325	98	497978	50.607	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.617	95	183822	50.764	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	4316	2.916	ug/l	95
3) Chloromethane	2.253	50	4853	2.719	ug/l	95
4) Vinyl Chloride	2.406	62	5488	2.340	ug/l	98
5) Bromomethane	2.826	94	4826	2.634	ug/l	96
6) Chloroethane	2.966	64	3964	2.488	ug/l	99
7) Trichlorofluoromethane	3.302	101	5188	2.435	ug/l #	83
8) Diethyl Ether	3.722	74	6143	3.795	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.106	101	6516	2.756	ug/l	98
10) Methyl Iodide	4.301	142	8962	2.459	ug/l	95
11) Tert butyl alcohol	5.216	59	2282	11.808	ug/l #	92
12) 1,1-Dichloroethene	4.076	96	7113	2.746	ug/l	82
13) Acrolein	3.936	56	1736	4.998	ug/l	98
14) Allyl chloride	4.710	41	9443	2.376	ug/l	97
15) Acrylonitrile	5.411	53	9866	12.394	ug/l	99
16) Acetone	4.161	43	10988	14.251	ug/l	100
17) Carbon Disulfide	4.417	76	15099	2.179	ug/l	100
18) Methyl Acetate	4.710	43	6913	3.137	ug/l #	79
19) Methyl tert-butyl Ether	5.466	73	11053	2.514	ug/l	96
20) Methylene Chloride	4.948	84	37276	10.528	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	6851	2.489	ug/l	96
22) Diisopropyl ether	6.344	45	18631	2.404	ug/l	92
23) Vinyl Acetate	6.289	43	54588	10.312	ug/l	96
24) 1,1-Dichloroethane	6.246	63	12868	2.561	ug/l	98
25) 2-Butanone	7.197	43	12641	12.602	ug/l	96
26) 2,2-Dichloropropane	7.185	77	7272	2.481	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	7991	2.526	ug/l	95
28) Bromochloromethane	7.533	49	6014	2.712	ug/l	93
29) Tetrahydrofuran	7.563	42	8399	12.227	ug/l	97
30) Chloroform	7.691	83	13712	2.568	ug/l	99
31) Cyclohexane	7.959	56	14948	3.365	ug/l #	71
32) 1,1,1-Trichloroethane	7.892	97	10343	2.514	ug/l	98
36) 1,1-Dichloropropene	8.100	75	9265	2.421	ug/l	98
37) Ethyl Acetate	7.283	43	5401	2.238	ug/l #	74
38) Carbon Tetrachloride	8.087	117	9237	2.369	ug/l	97
39) Methylcyclohexane	9.343	83	11254	2.364	ug/l	97
40) Benzene	8.337	78	27799	2.456	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	2989	2.312	ug/l	# 90
42) 1,2-Dichloroethane	8.411	62	10266	2.684	ug/l	98
43) Isopropyl Acetate	8.441	43	9396	2.258	ug/l	93
44) Trichloroethene	9.106	130	7023	2.486	ug/l	78
45) 1,2-Dichloropropane	9.380	63	6746	2.466	ug/l	91
46) Dibromomethane	9.465	93	4163	2.357	ug/l	95
47) Bromodichloromethane	9.648	83	9786	2.363	ug/l	99
48) Methyl methacrylate	9.447	41	3955	1.933	ug/l	88
49) 1,4-Dioxane	9.471	88	786	37.994	ug/l	# 95
51) 4-Methyl-2-Pentanone	10.215	43	26772	11.192	ug/l	99
52) Toluene	10.392	92	17675	2.439	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	8279	2.130	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	9538	2.165	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	5662	2.447	ug/l	# 80
56) Ethyl methacrylate	10.648	69	6882	2.192	ug/l	92
57) 1,3-Dichloropropane	10.934	76	9551	2.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	19239	11.130	ug/l	98
59) 2-Hexanone	10.971	43	18533	11.434	ug/l	93
60) Dibromochloromethane	11.130	129	6531	2.360	ug/l	99
61) 1,2-Dibromoethane	11.239	107	5294	2.286	ug/l	93
64) Tetrachloroethene	10.867	164	5726	2.453	ug/l	88
65) Chlorobenzene	11.660	112	19607	2.491	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	5952	2.373	ug/l	97
67) Ethyl Benzene	11.733	91	32154	2.355	ug/l	99
68) m/p-Xylenes	11.837	106	23506	4.479	ug/l	99
69) o-Xylene	12.166	106	10806	2.224	ug/l	99
70) Styrene	12.178	104	17854	2.126	ug/l	93
71) Bromoform	12.349	173	3685	2.462	ug/l	# 98
73) Isopropylbenzene	12.459	105	27755	2.127	ug/l	98
74) N-amyl acetate	12.276	43	7383	2.100	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.715	83	7524	2.598	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	9591	4.327	ug/l	38
77) Bromobenzene	12.745	156	7110	2.444	ug/l	94
78) n-propylbenzene	12.800	91	37099	2.375	ug/l	98
79) 2-Chlorotoluene	12.891	91	23040	2.449	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	24654	2.283	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.617	75	95517	100.376	ug/l	# 8
82) 4-Chlorotoluene	12.989	91	23072	2.336	ug/l	99
83) tert-Butylbenzene	13.202	119	20547	2.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	24053	2.198	ug/l	100
85) sec-Butylbenzene	13.379	105	31236	2.250	ug/l	100
86) p-Isopropyltoluene	13.495	119	24391	2.132	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	14629	2.507	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	15588	2.610	ug/l	84
89) n-Butylbenzene	13.818	91	25691	2.311	ug/l	99
90) Hexachloroethane	14.086	117	4790	2.320	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	12493	2.342	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.477	75	1477	2.612	ug/l	85
93) 1,2,4-Trichlorobenzene	15.129	180	7944	2.415	ug/l	99
94) Hexachlorobutadiene	15.232	225	4491	2.828	ug/l	91
95) Naphthalene	15.354	128	17674	2.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	7364	2.437	ug/l	98

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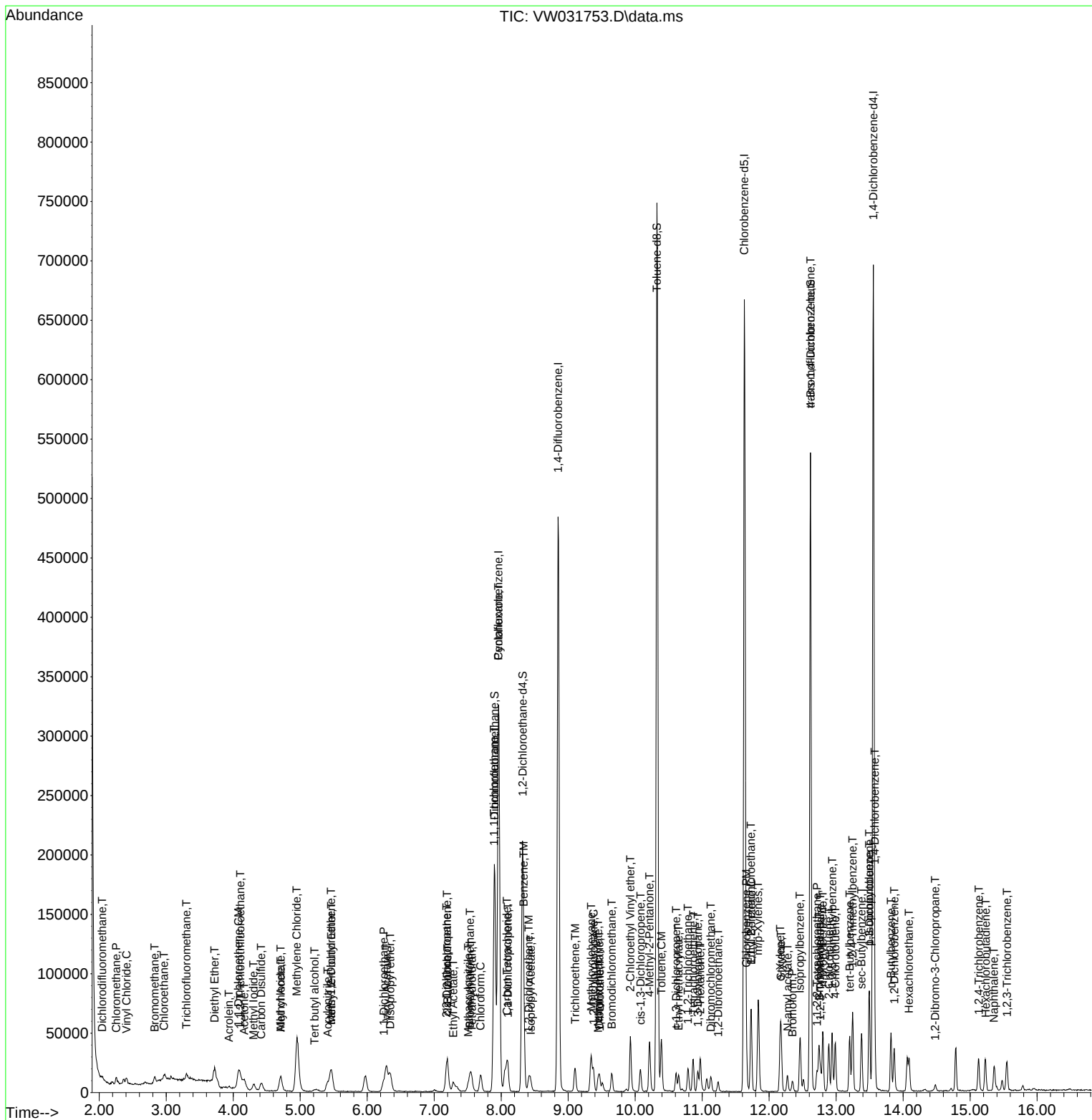
Instrument :
MSVOA_W
ClientSampleId :
MDL03

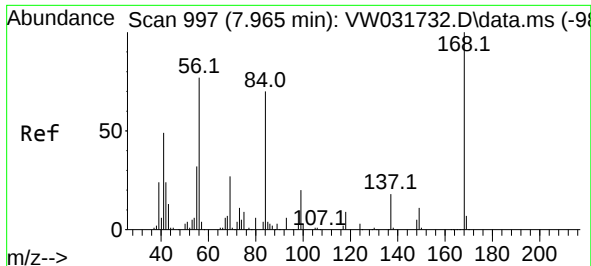
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 06:15:34 2025
Response via : Initial Calibration

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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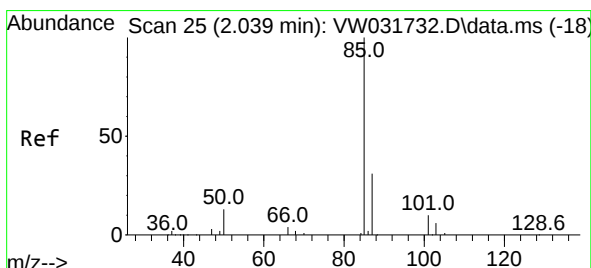
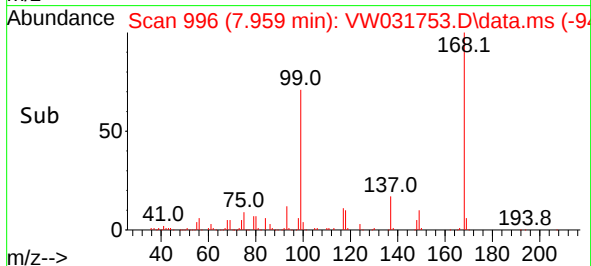
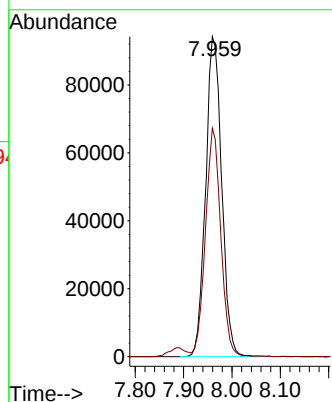
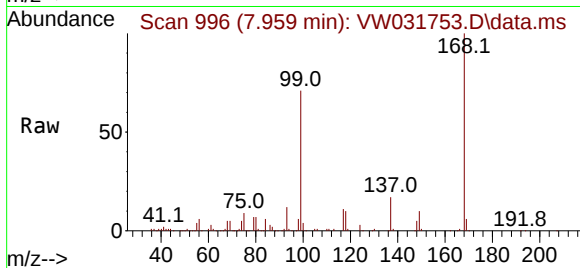




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031753.D
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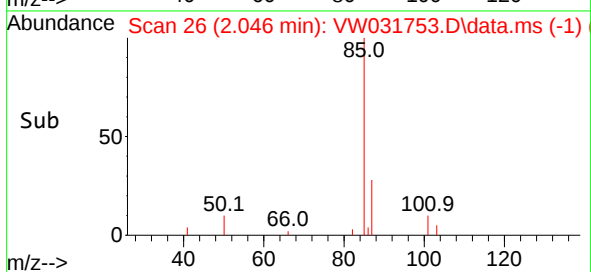
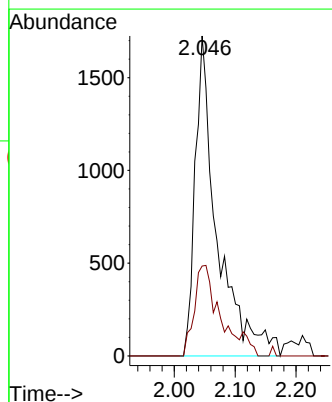
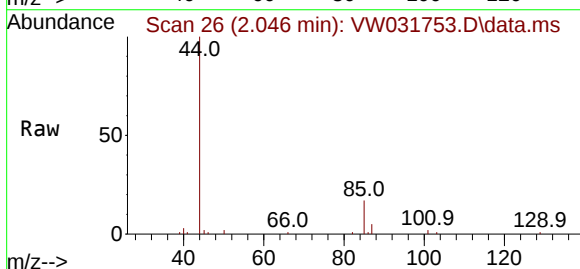
Instrument :
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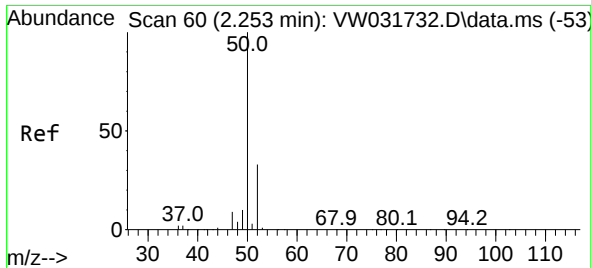
Tgt Ion:168 Resp: 217362
Ion Ratio Lower Upper
168 100
99 71.3 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 2.916 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 85 Resp: 4316
Ion Ratio Lower Upper
85 100
87 28.1 15.4 46.2

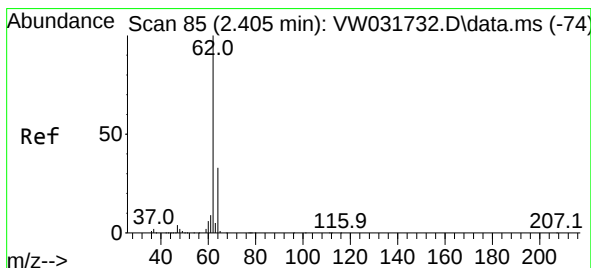
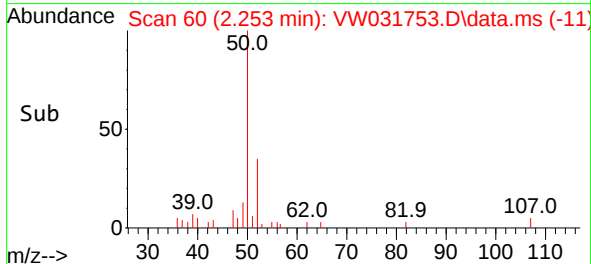
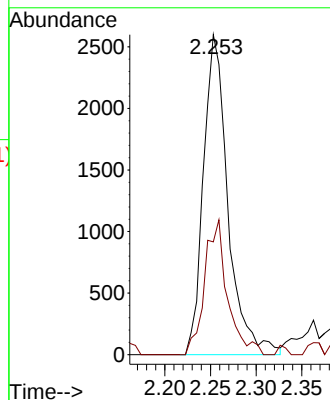
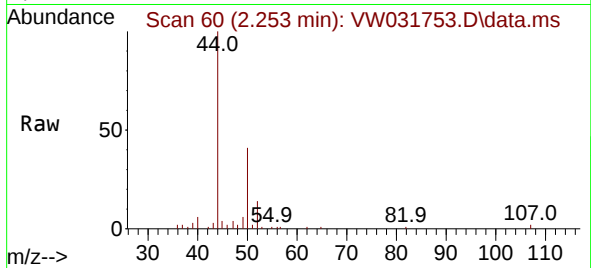




#3
Chloromethane
Concen: 2.719 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

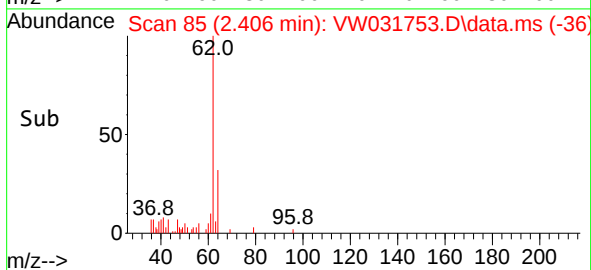
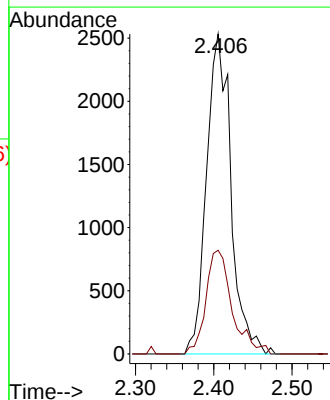
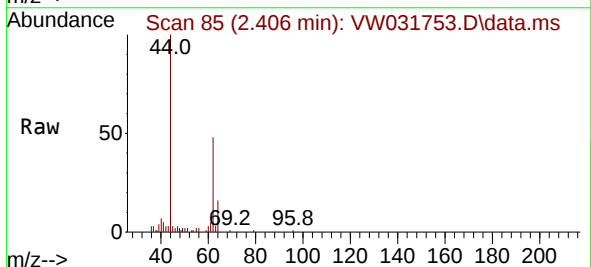
Instrument :
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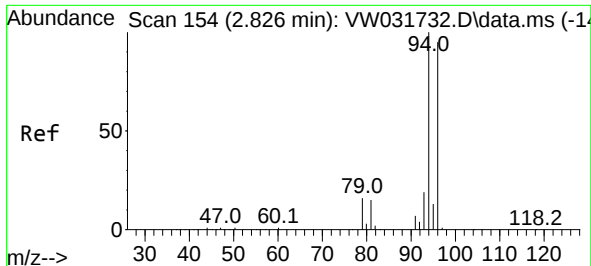
Tgt Ion: 50 Resp: 4853
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2



#4
Vinyl Chloride
Concen: 2.340 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 62 Resp: 5488
Ion Ratio Lower Upper
62 100
64 32.4 26.8 40.2

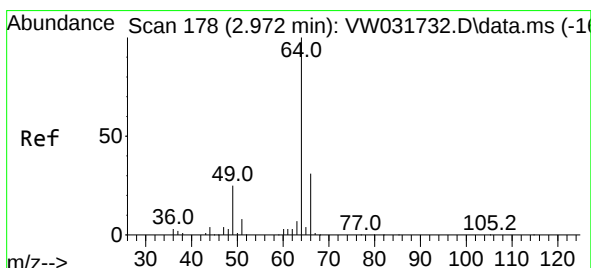
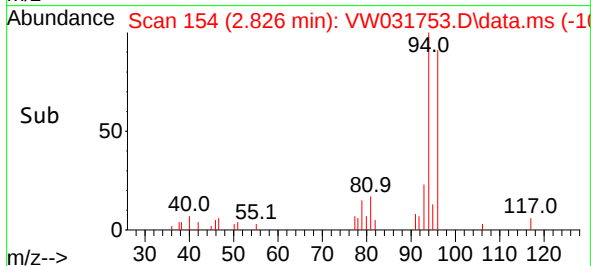
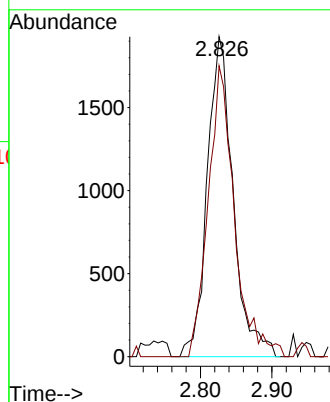
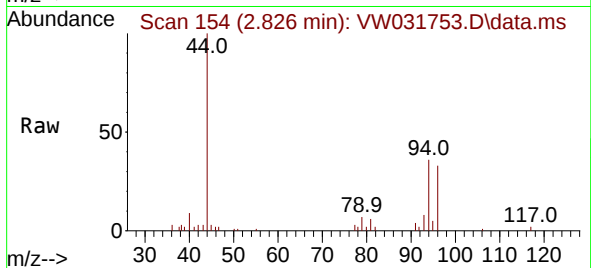




#5
Bromomethane
Concen: 2.634 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031753.D
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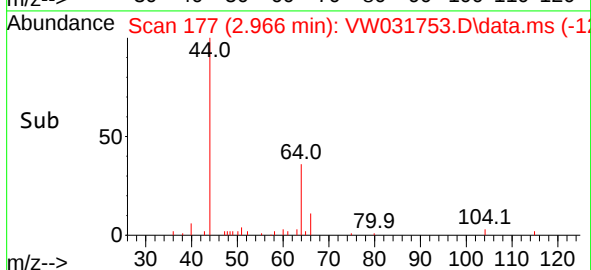
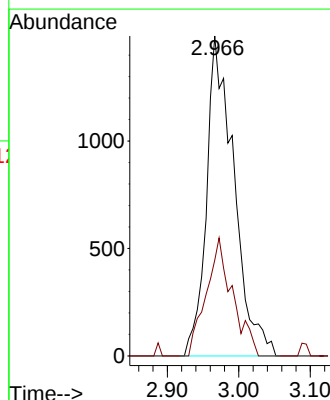
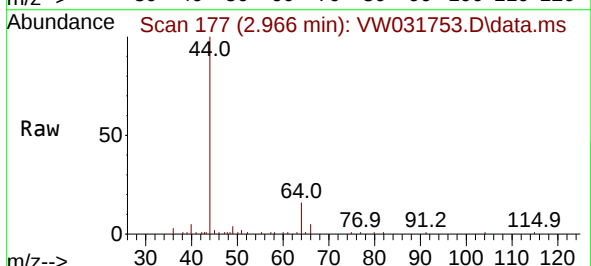
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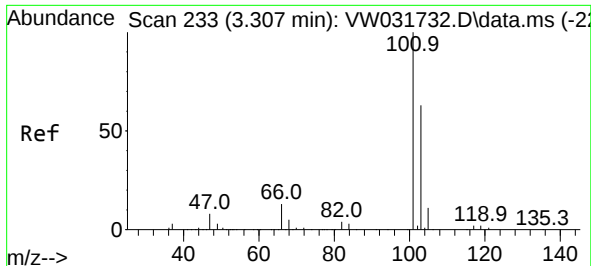
Tgt Ion: 94 Resp: 4826
Ion Ratio Lower Upper
94 100
96 90.9 75.6 113.4



#6
Chloroethane
Concen: 2.488 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 64 Resp: 3964
Ion Ratio Lower Upper
64 100
66 30.0 24.5 36.7

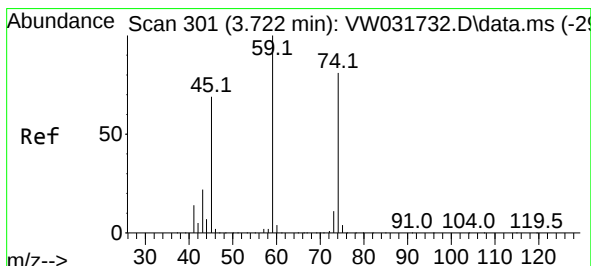
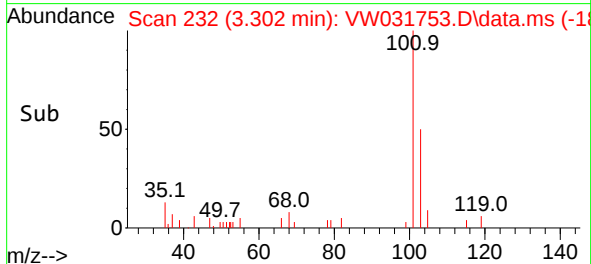
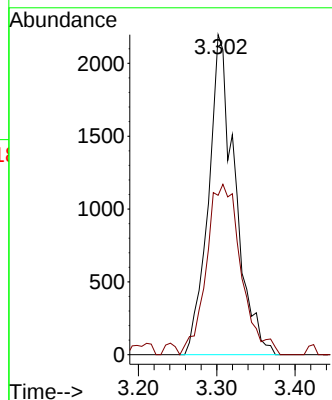
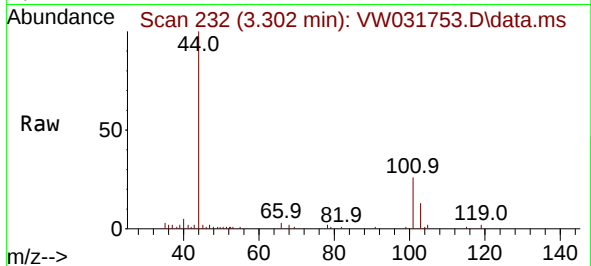




#7
 Trichlorofluoromethane
 Concen: 2.435 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

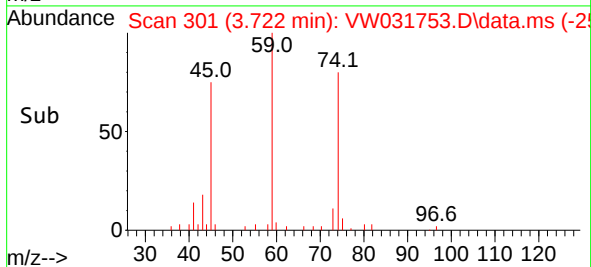
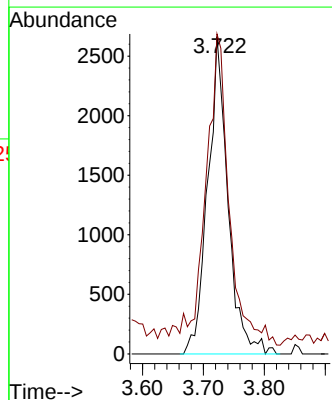
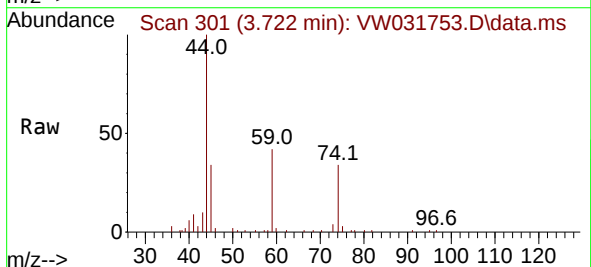
Instrument :
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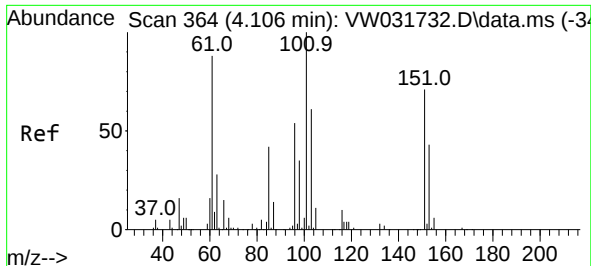
Tgt Ion:101 Resp: 5188
 Ion Ratio Lower Upper
 101 100
 103 49.8 50.2 75.4#



#8
 Diethyl Ether
 Concen: 3.795 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 6143
 Ion Ratio Lower Upper
 74 100
 45 109.1 43.9 131.7

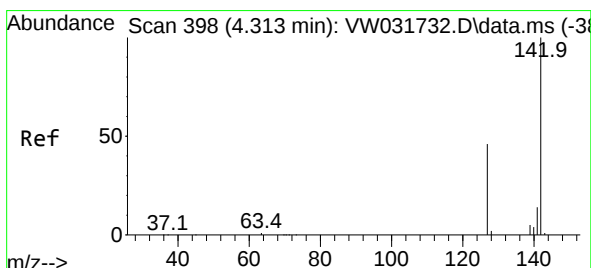
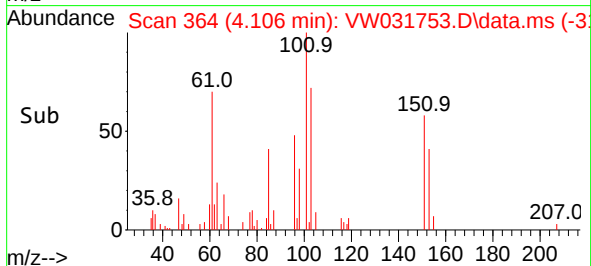
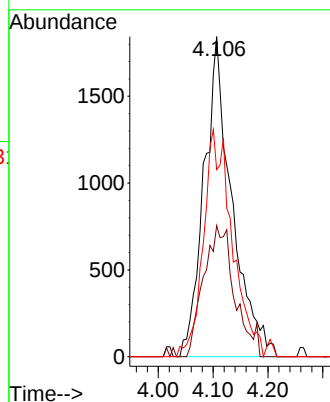
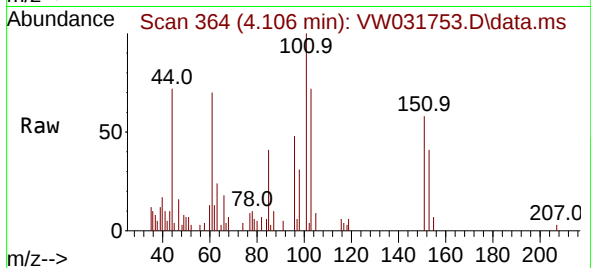




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.756 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

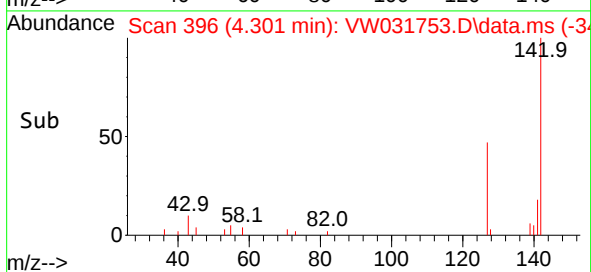
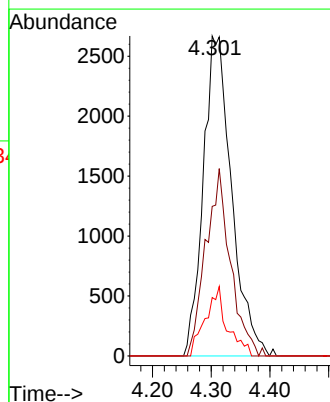
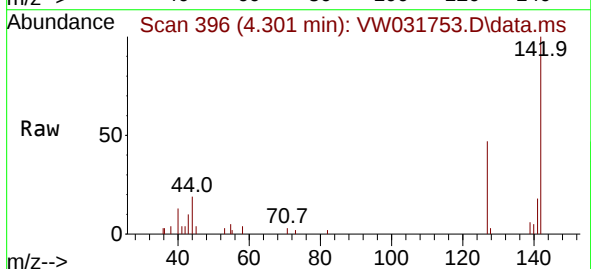
Instrument :
MSVOA_W
ClientSampleId :
MDL03

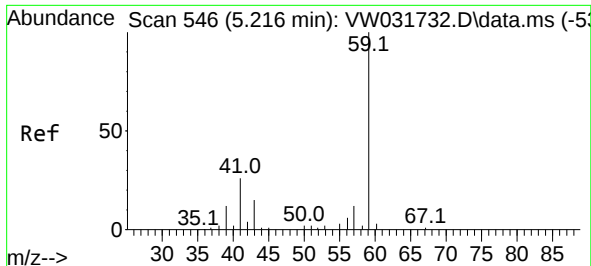
Tgt Ion:101 Resp: 6516
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 72.9 56.8 85.2



#10
Methyl Iodide
Concen: 2.459 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion:142 Resp: 8962
Ion Ratio Lower Upper
142 100
127 50.9 37.9 56.9
141 16.7 11.7 17.5

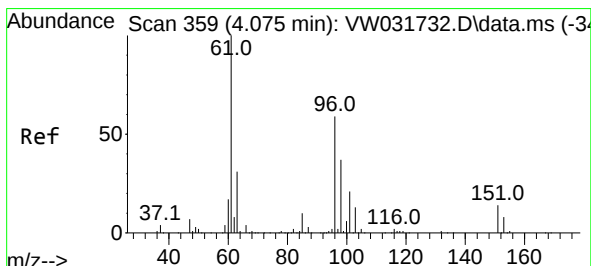
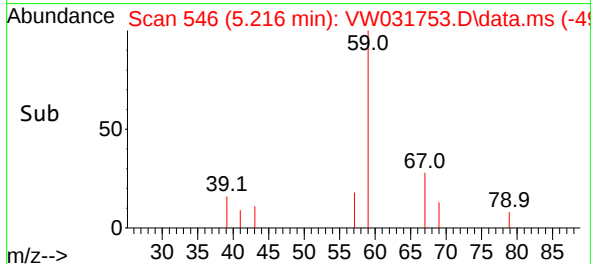
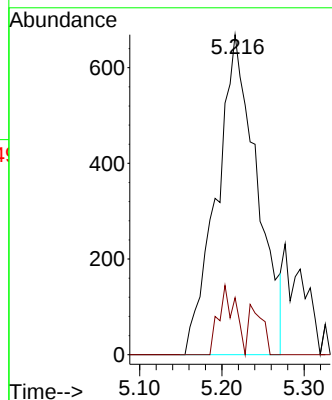
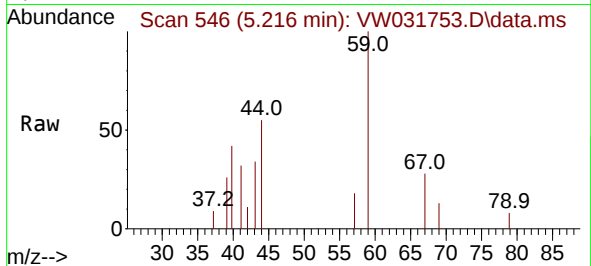




#11
Tert butyl alcohol
Concen: 11.808 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

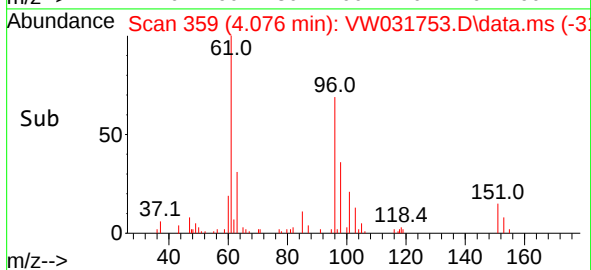
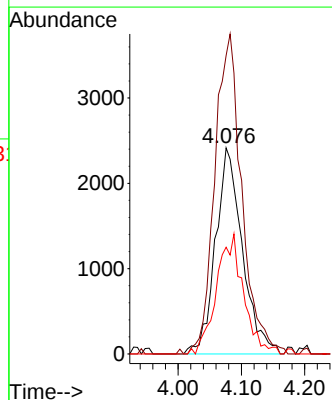
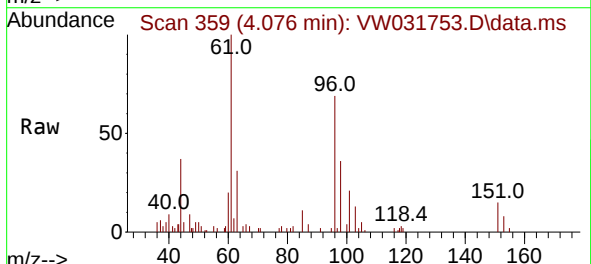
Instrument :
MSVOA_W
ClientSampleId :
MDL03

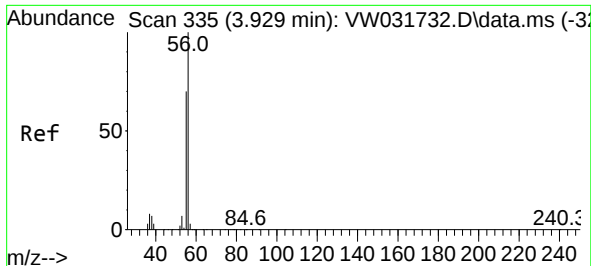
Tgt Ion: 59 Resp: 2282
Ion Ratio Lower Upper
59 100
57 8.9 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 2.746 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 96 Resp: 7113
Ion Ratio Lower Upper
96 100
61 142.5 135.8 203.8
98 51.8 50.4 75.6

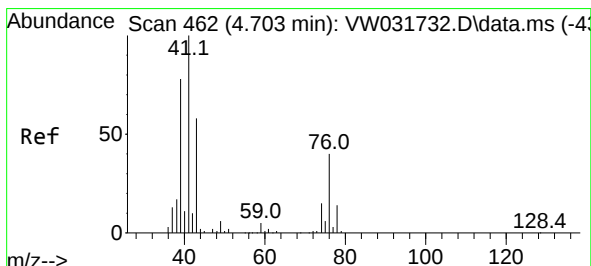
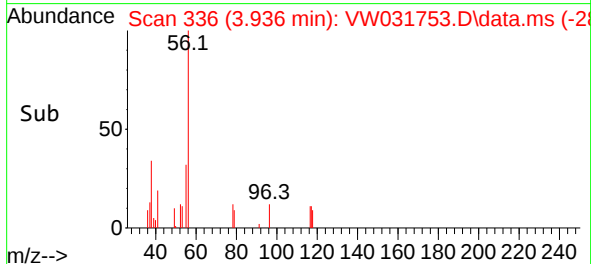
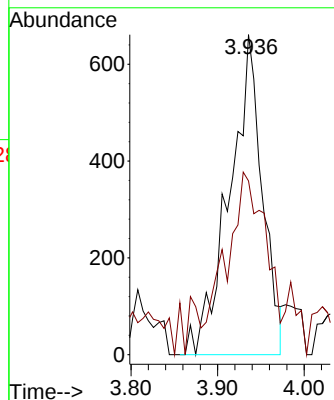
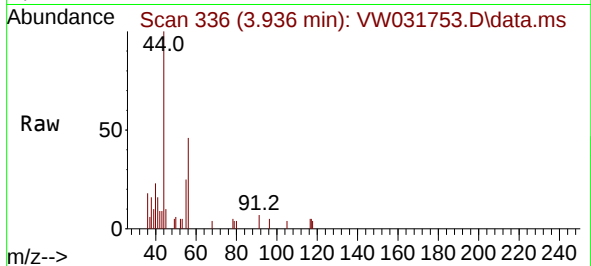




#13
Acrolein
Concen: 4.998 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

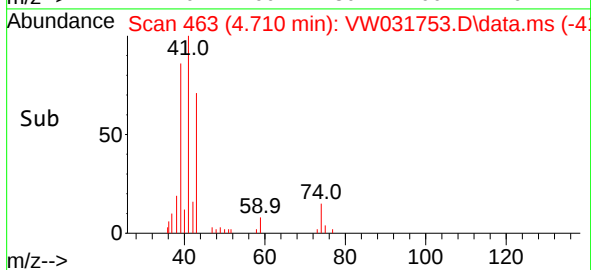
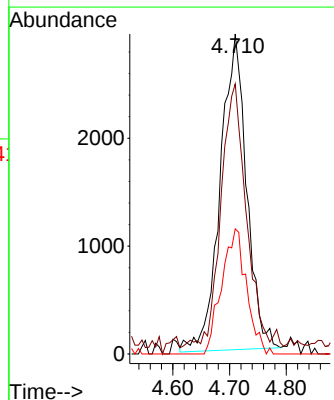
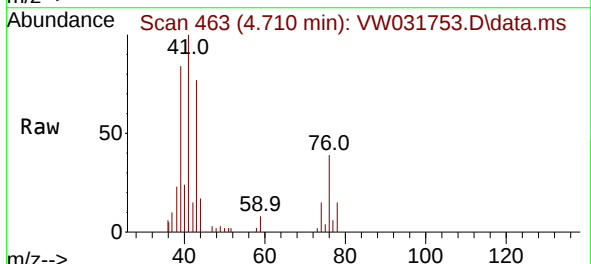
Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
55 65.8 54.0 81.0



#14
Allyl chloride
Concen: 2.376 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 41 Resp: 9443
Ion Ratio Lower Upper
41 100
39 79.5 60.7 91.1
76 37.4 30.3 45.5

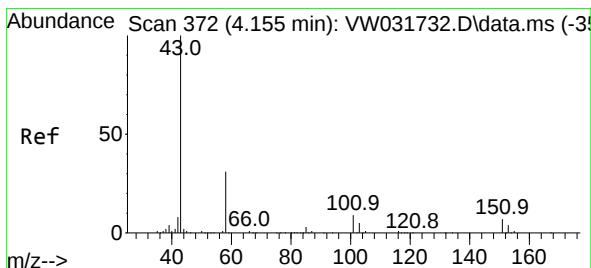
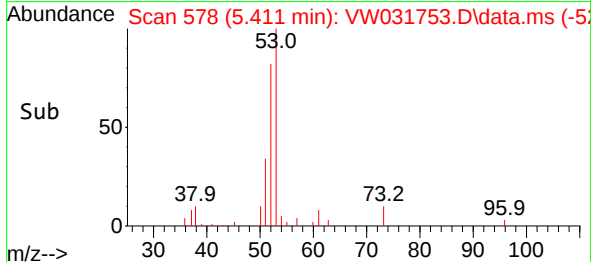
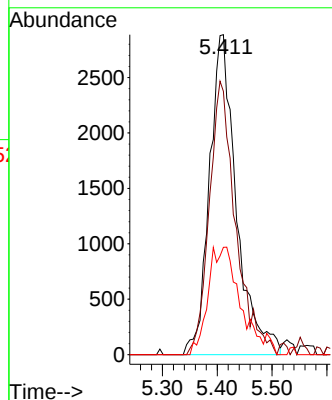
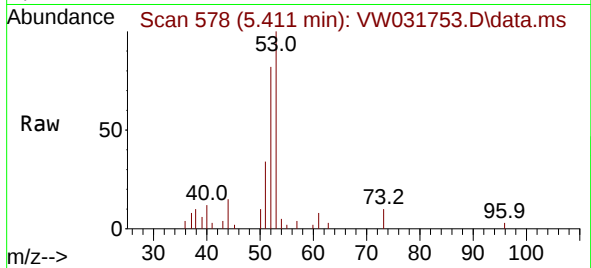




#15
Acrylonitrile
Concen: 12.394 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

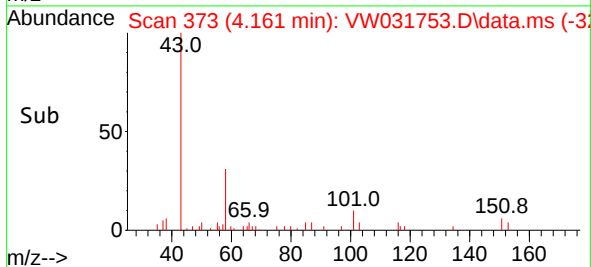
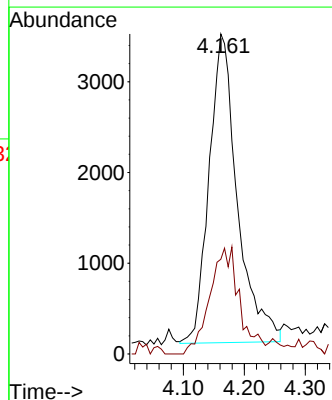
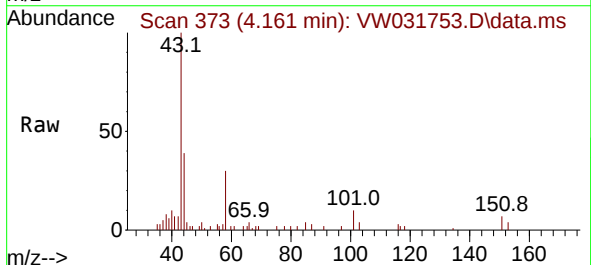
Instrument :
MSVOA_W
ClientSampleId :
MDL03

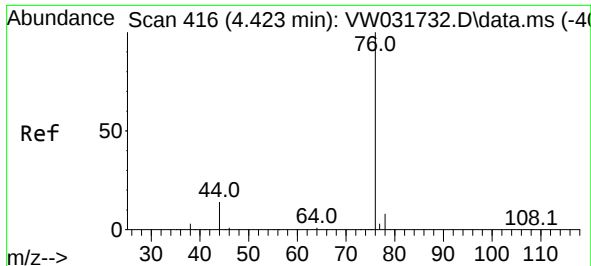
Tgt Ion: 53 Resp: 9866
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 39.2 29.9 44.9



#16
Acetone
Concen: 14.251 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 43 Resp: 10988
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

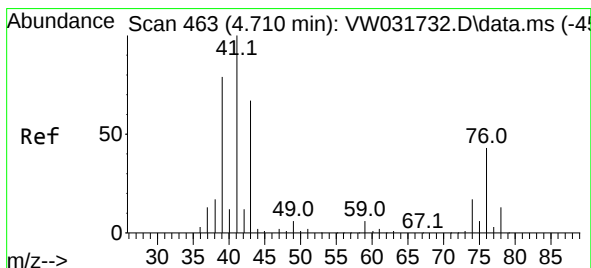
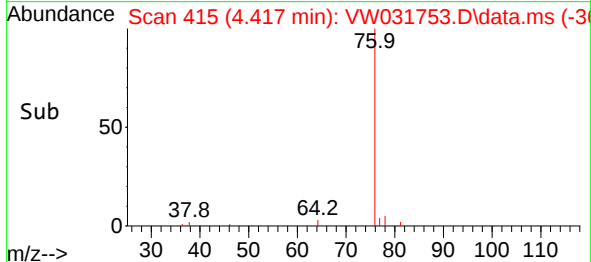
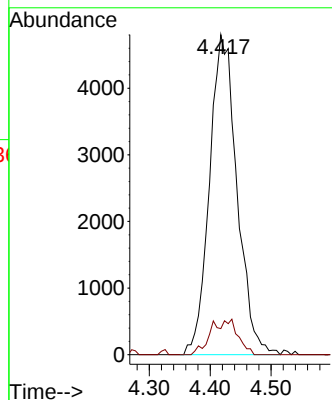
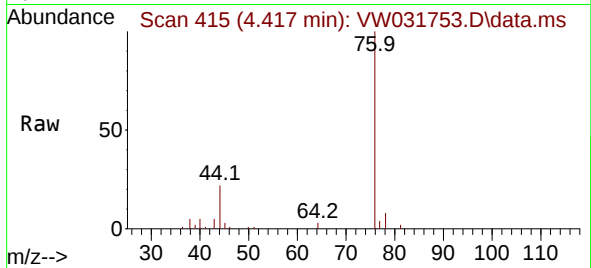




#17
Carbon Disulfide
Concen: 2.179 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

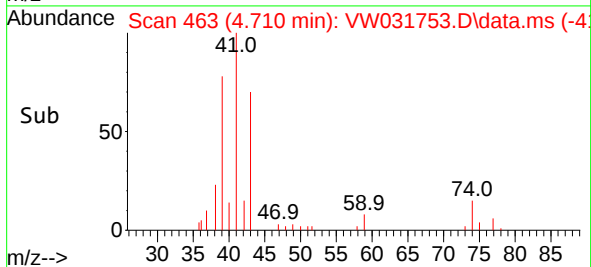
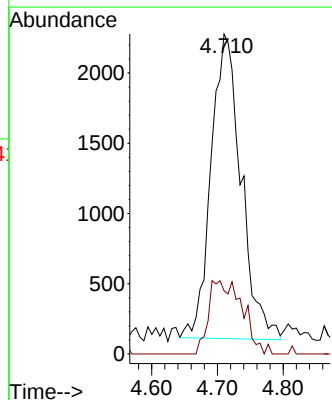
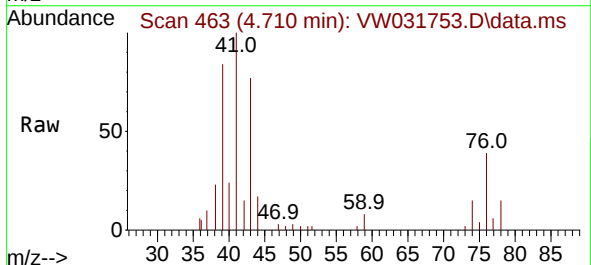
Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tgt Ion: 76 Resp: 15099
Ion Ratio Lower Upper
76 100
78 8.2 6.6 10.0



#18
Methyl Acetate
Concen: 3.137 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
74 15.2 20.6 30.8#

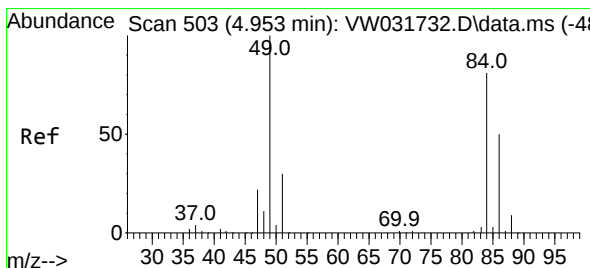
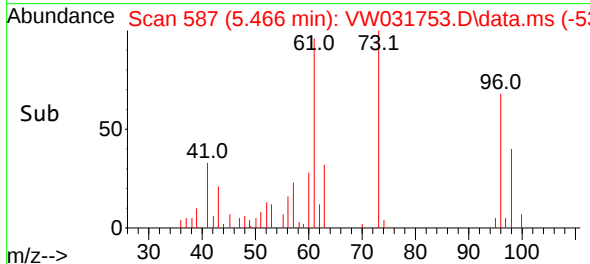
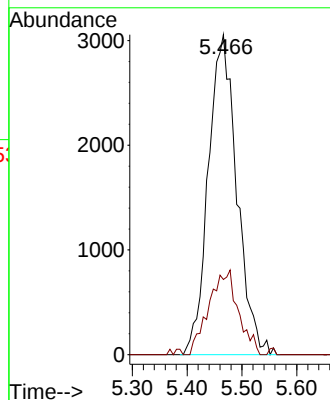
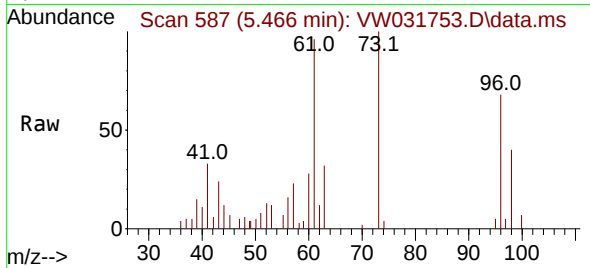




#19
Methyl tert-butyl Ether
Concen: 2.514 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

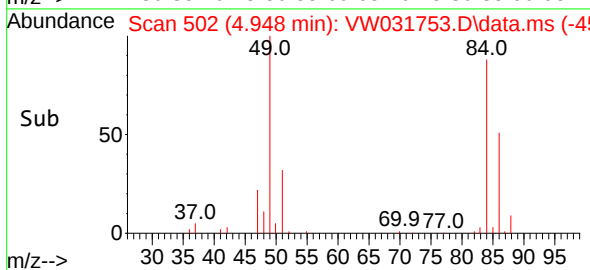
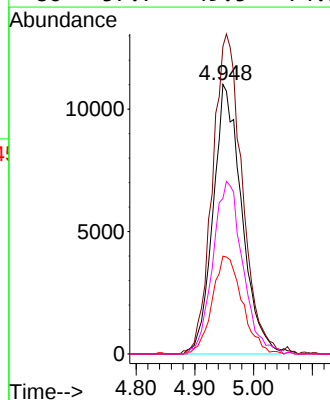
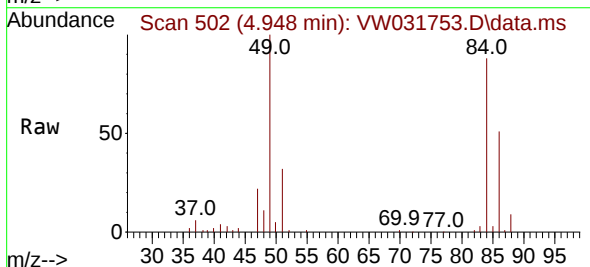
Instrument :
MSVOA_W
ClientSampleId :
MDL03

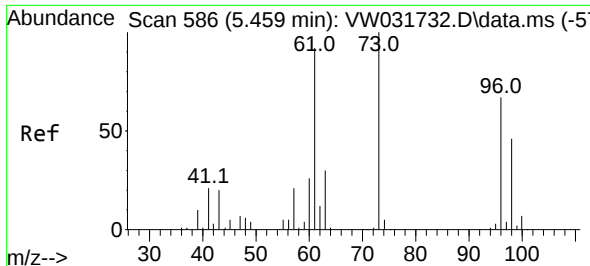
Tgt Ion: 73 Resp: 11053
Ion Ratio Lower Upper
73 100
57 23.5 17.2 25.8



#20
Methylene Chloride
Concen: 10.528 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.005 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 84 Resp: 37276
Ion Ratio Lower Upper
84 100
49 114.1 98.2 147.4
51 36.3 29.8 44.8
86 57.7 49.5 74.3

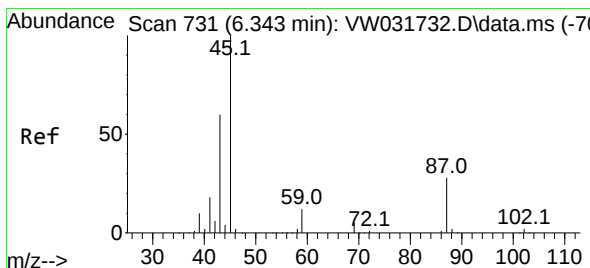
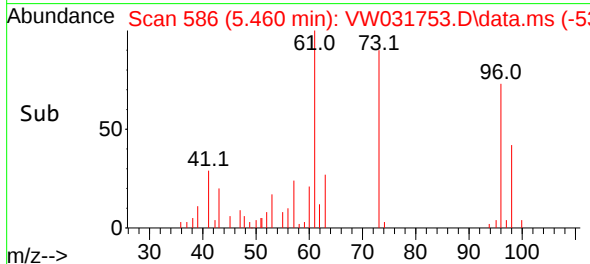
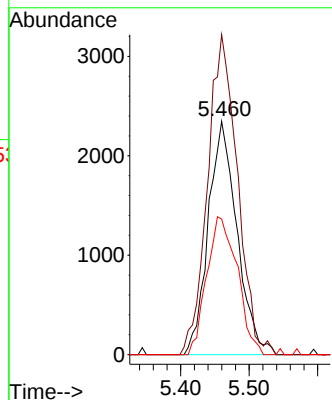
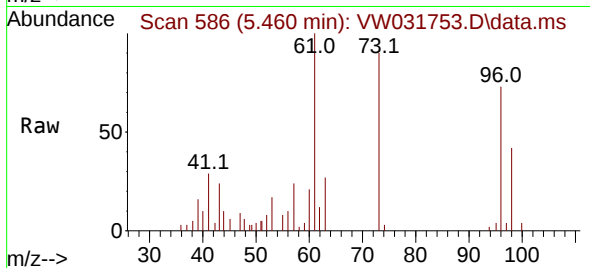




#21
trans-1,2-Dichloroethene
Concen: 2.489 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

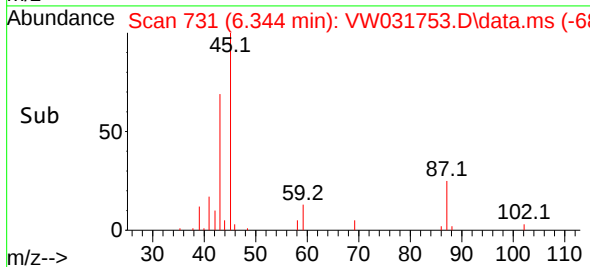
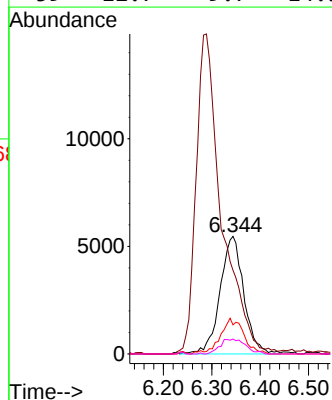
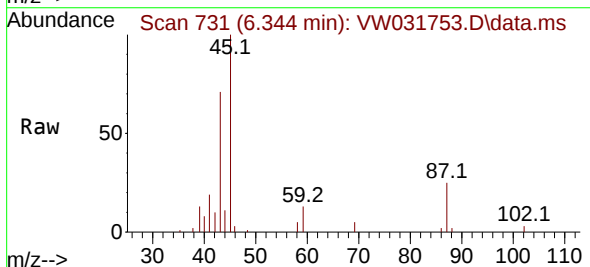
Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tgt Ion: 96 Resp: 6851
Ion Ratio Lower Upper
96 100
61 137.2 109.8 164.6
98 58.2 54.9 82.3



#22
Diisopropyl ether
Concen: 2.404 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 45 Resp: 18631
Ion Ratio Lower Upper
45 100
43 68.5 48.3 72.5
87 24.7 22.6 34.0
59 12.7 9.7 14.5

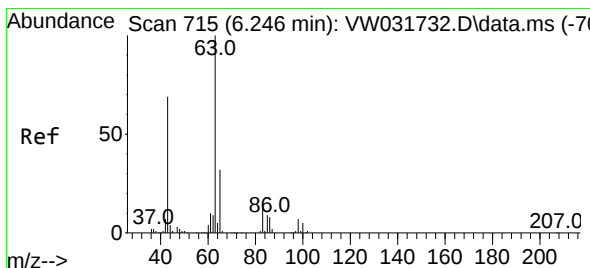
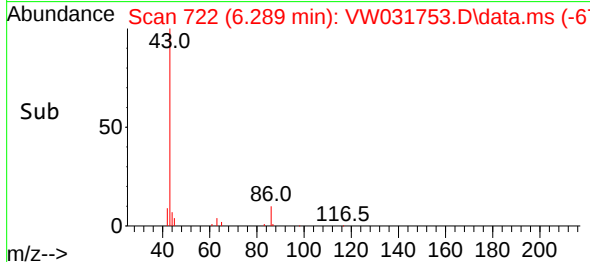
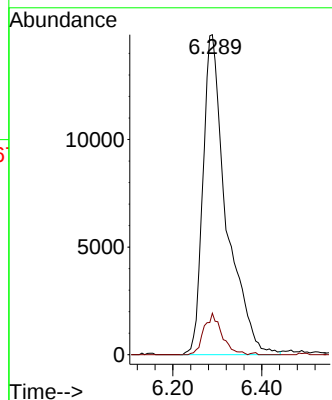
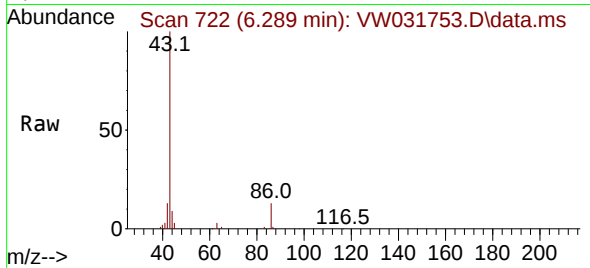




#23
 Vinyl Acetate
 Concen: 10.312 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.007 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

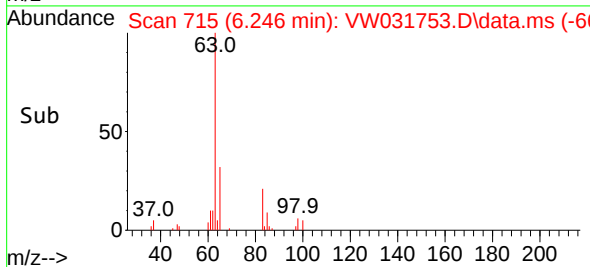
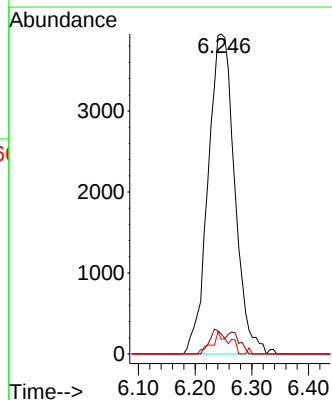
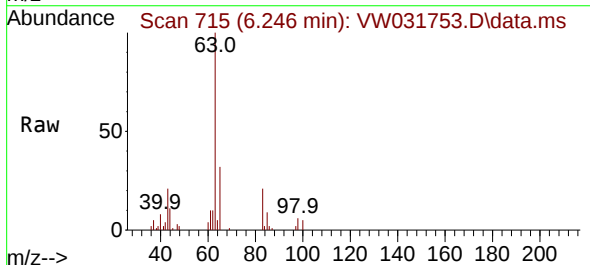
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

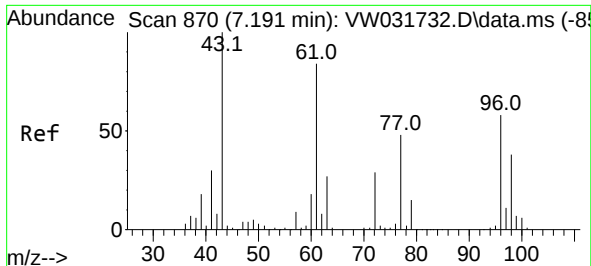
Tgt Ion: 43 Resp: 54588
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.561 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

Tgt Ion: 63 Resp: 12868
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.7 2.5 7.5

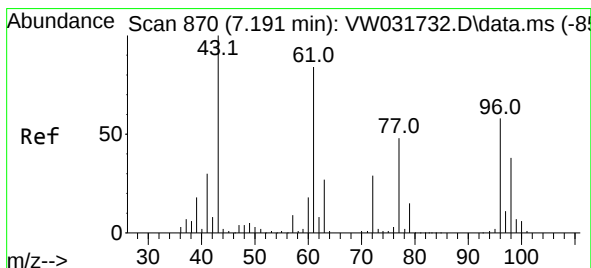
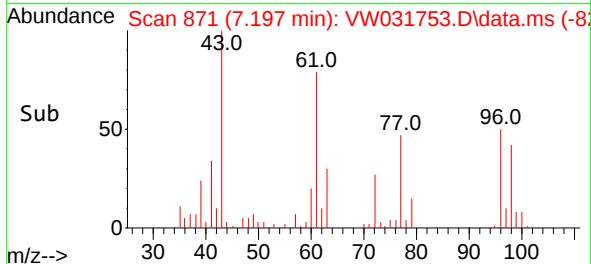
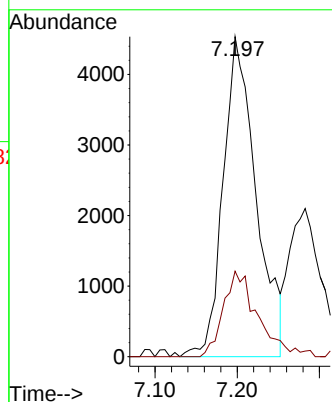
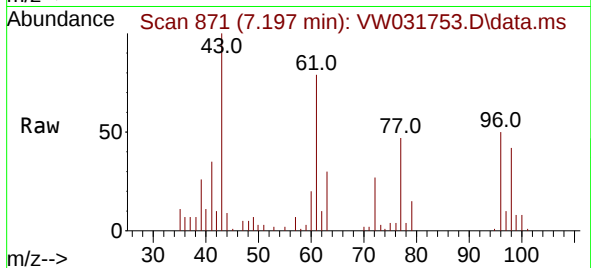




#25
2-Butanone
Concen: 12.602 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

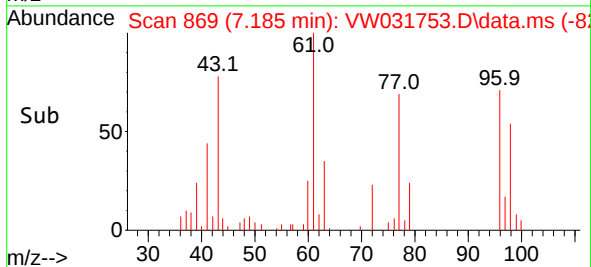
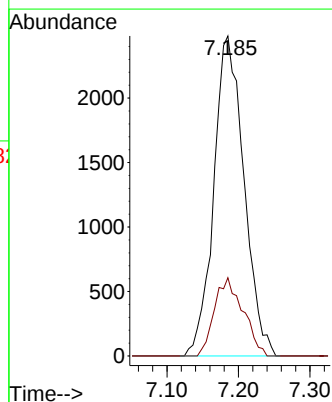
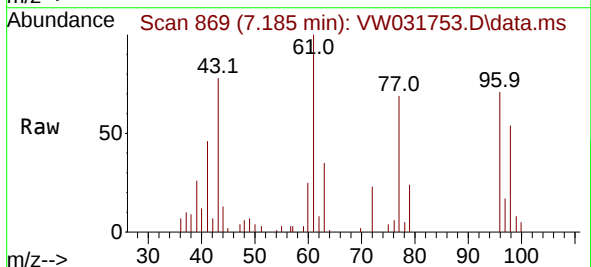
Instrument :
MSVOA_W
ClientSampleId :
MDL03

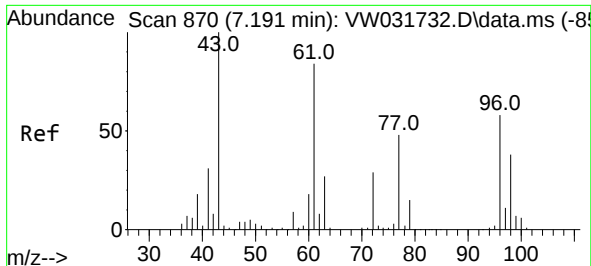
Tgt Ion: 43 Resp: 12641
Ion Ratio Lower Upper
43 100
72 26.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 2.481 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 77 Resp: 7272
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.526 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

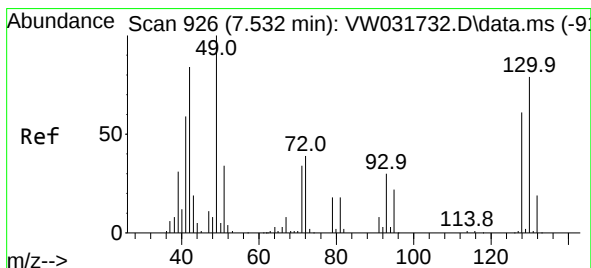
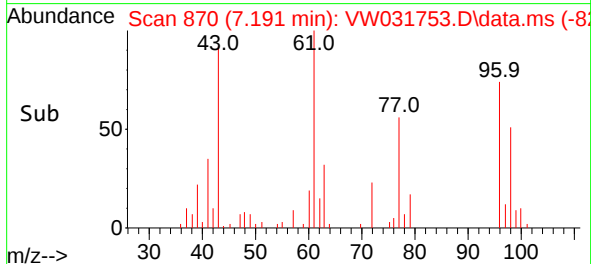
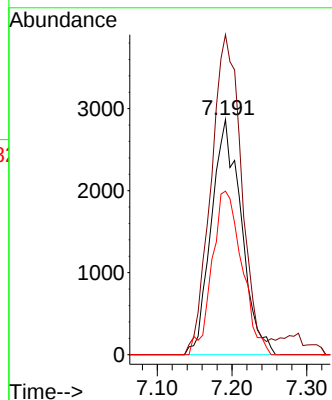
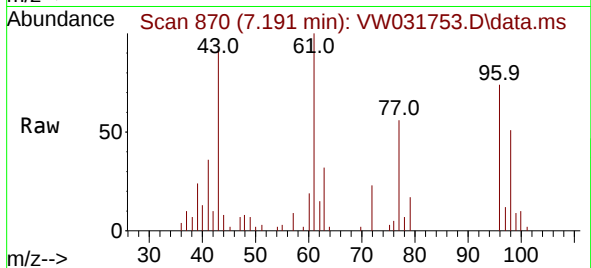
Tgt Ion: 96 Resp: 7991

Ion Ratio Lower Upper

96 100

61 138.2 0.0 286.8

98 69.7 0.0 130.4



#28

Bromochloromethane

Concen: 2.712 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

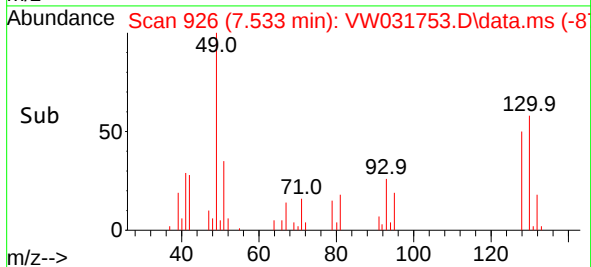
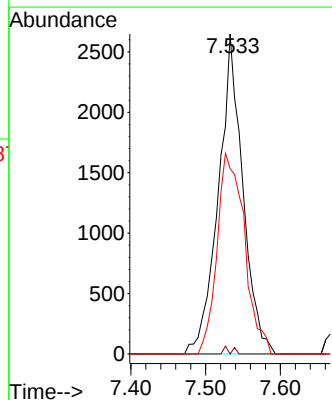
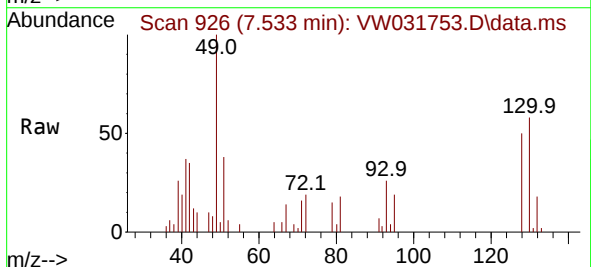
Tgt Ion: 49 Resp: 6014

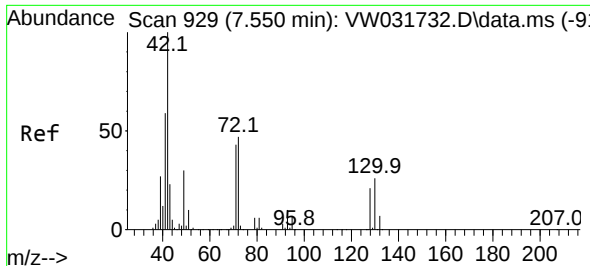
Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.4

130 70.1 61.3 91.9





#29

Tetrahydrofuran

Concen: 12.227 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.013 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

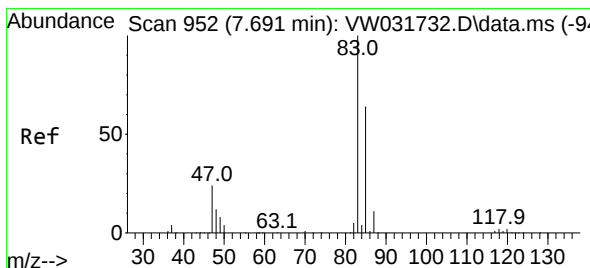
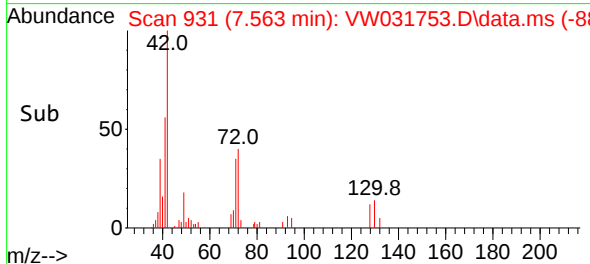
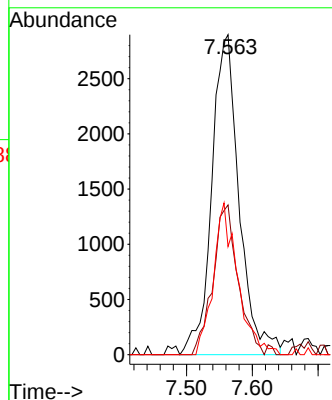
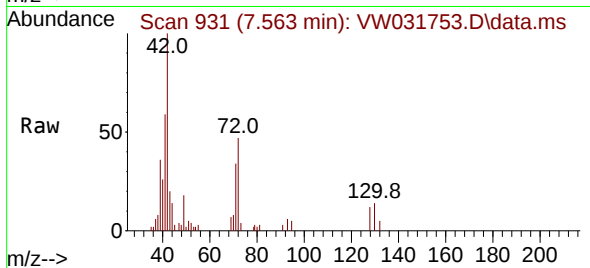
Tgt Ion: 42 Resp: 8399

Ion Ratio Lower Upper

42 100

72 43.0 36.8 55.2

71 42.2 34.6 52.0



#30

Chloroform

Concen: 2.568 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031753.D

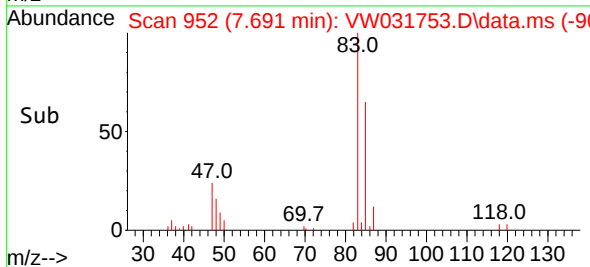
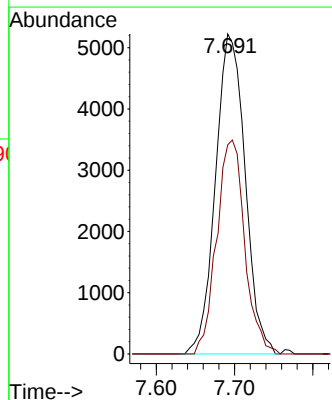
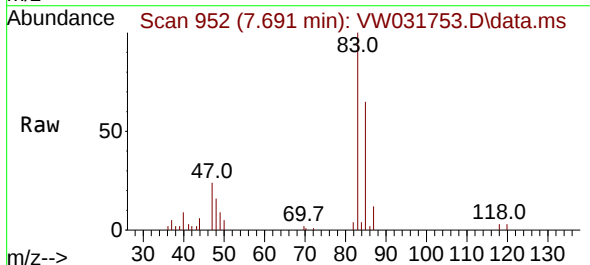
Acq: 02 Jul 2025 12:38

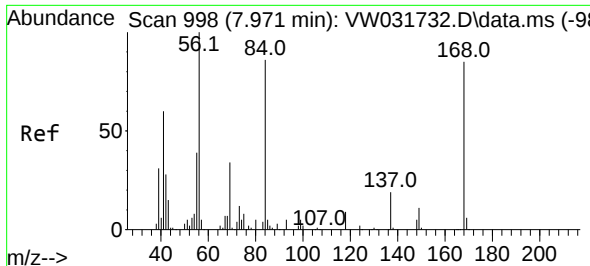
Tgt Ion: 83 Resp: 13712

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

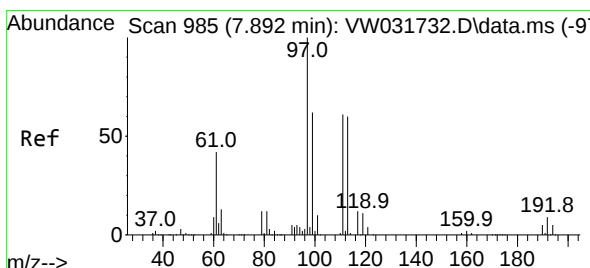
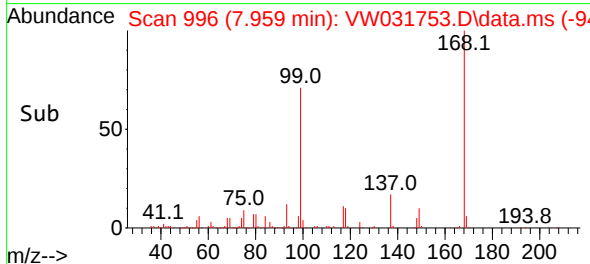
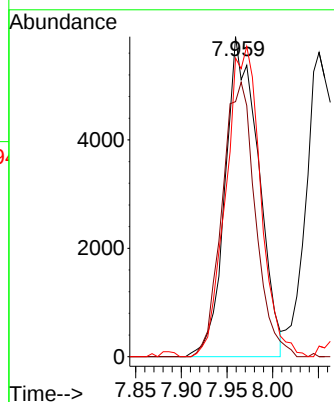
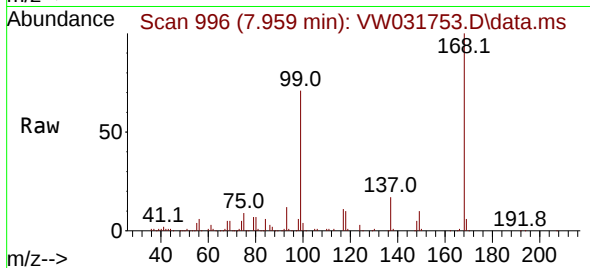




#31
Cyclohexane
Concen: 3.365 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

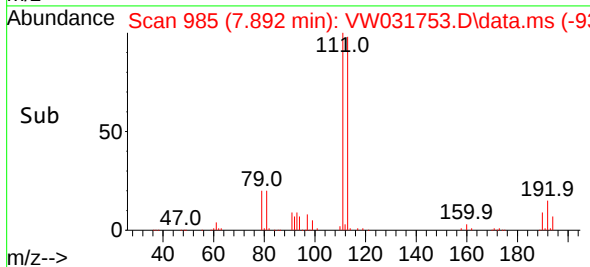
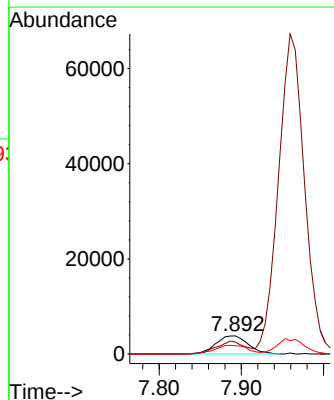
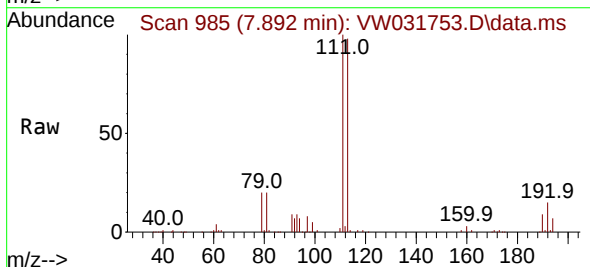
Instrument :
MSVOA_W
ClientSampleId :
MDL03

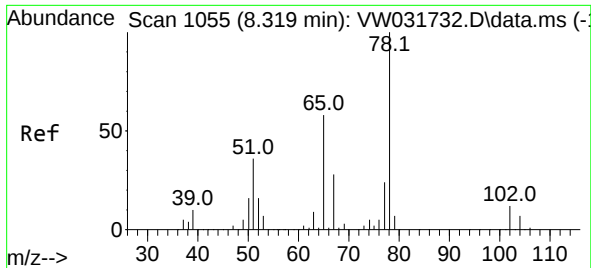
Tgt Ion: 56 Resp: 14948
Ion Ratio Lower Upper
56 100
69 79.7 27.2 40.8#
84 93.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 2.514 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 97 Resp: 10343
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 48.1 36.0 54.0

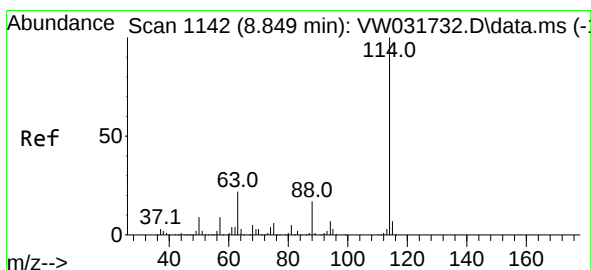
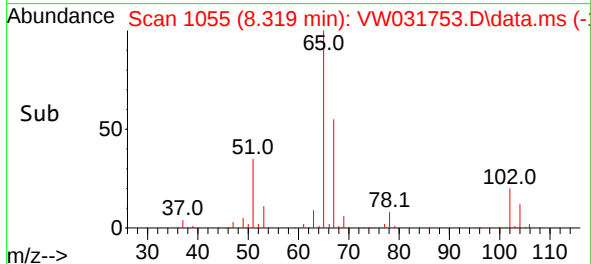
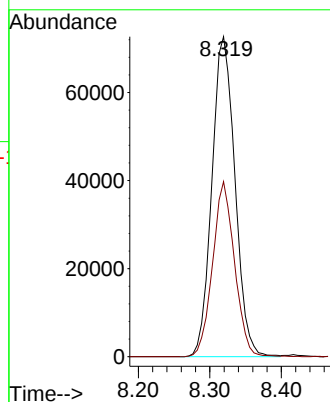
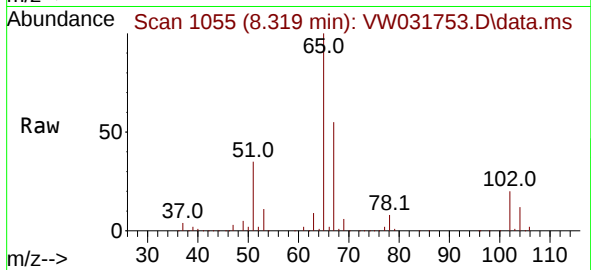




#33
 1,2-Dichloroethane-d4
 Concen: 52.192 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

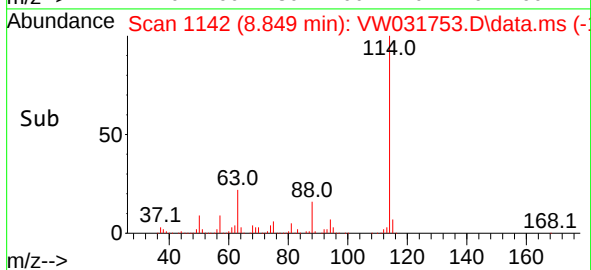
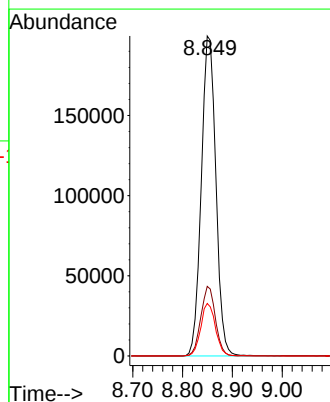
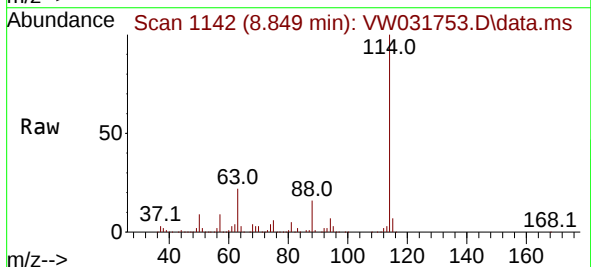
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

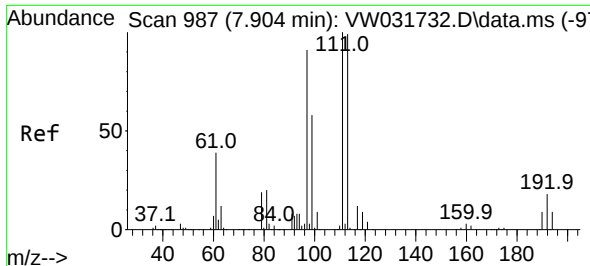
Tgt Ion: 65 Resp: 162807
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

Tgt Ion: 114 Resp: 405210
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 16.4 0.0 34.2

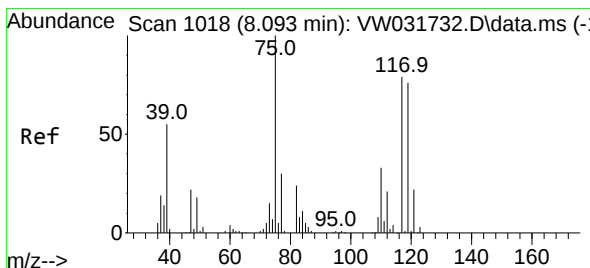
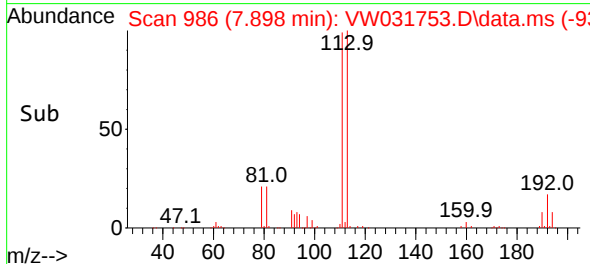
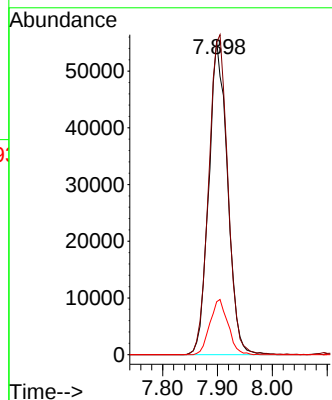
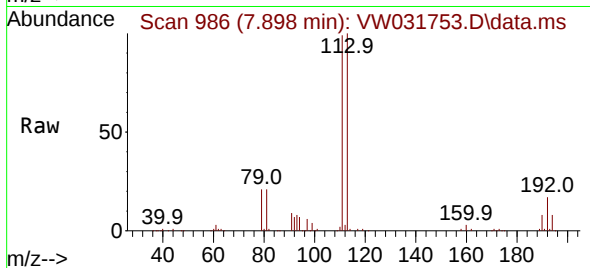




#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

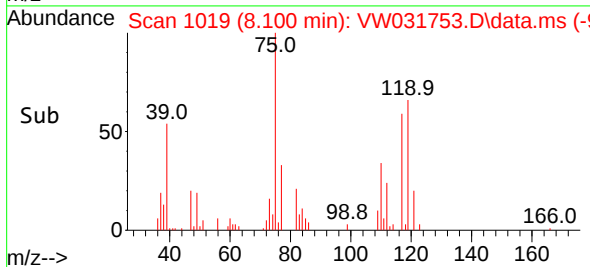
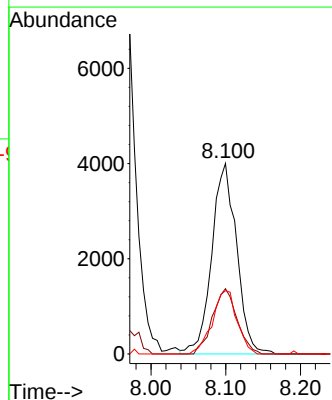
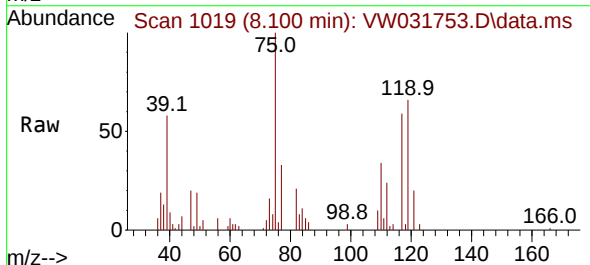
Instrument :
MSVOA_W
ClientSampleId :
MDL03

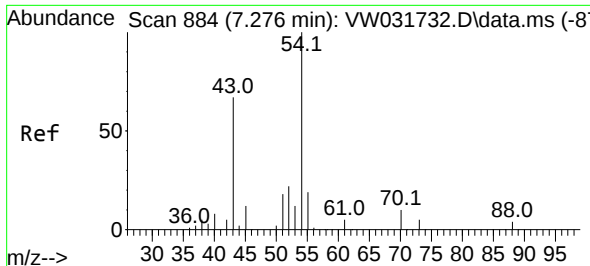
Tgt Ion:113 Resp: 130993
Ion Ratio Lower Upper
113 100
111 104.1 82.1 123.1
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 2.421 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 75 Resp: 9265
Ion Ratio Lower Upper
75 100
110 33.8 16.8 50.4
77 32.9 25.0 37.6

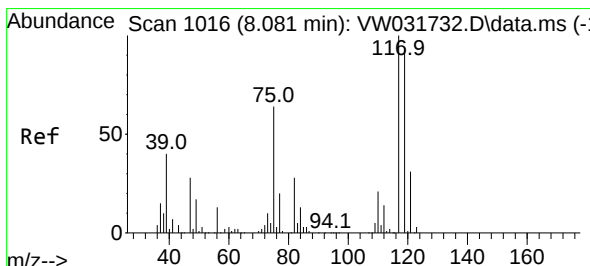
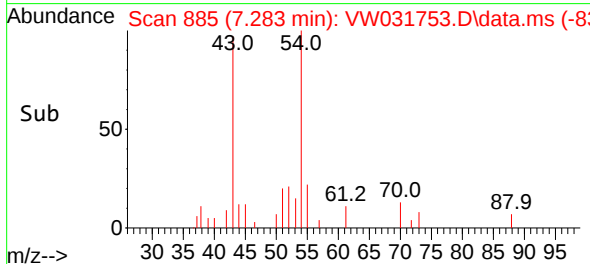
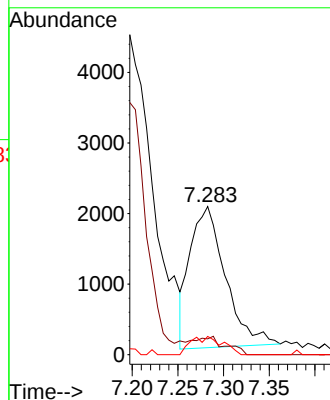
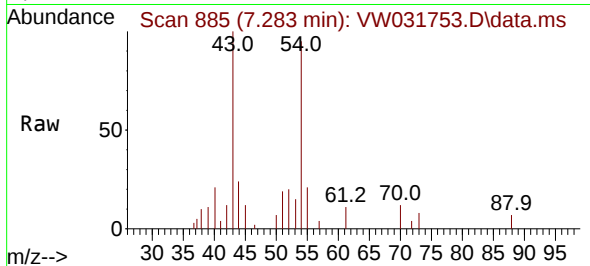




#37
Ethyl Acetate
Concen: 2.238 ug/l
RT: 7.283 min Scan# 884
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

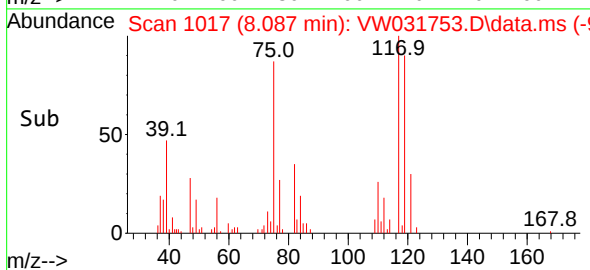
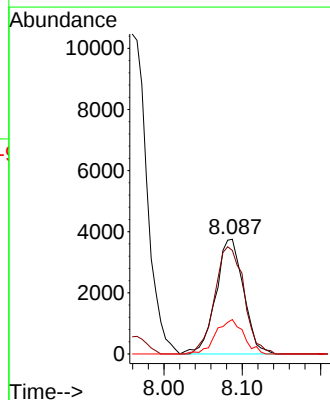
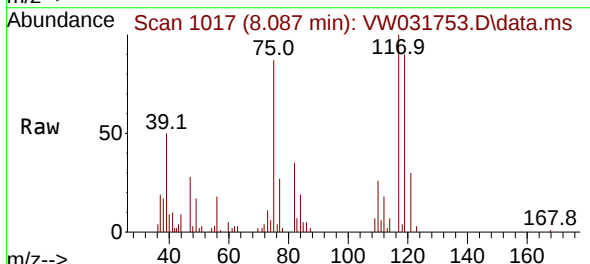
Instrument :
MSVOA_W
ClientSampleId :
MDL03

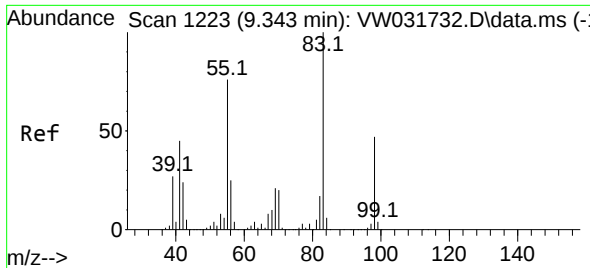
Tgt Ion: 43 Resp: 5401
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 5.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 2.369 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 117 Resp: 9237
Ion Ratio Lower Upper
117 100
119 90.3 75.0 112.6
121 30.0 24.6 37.0

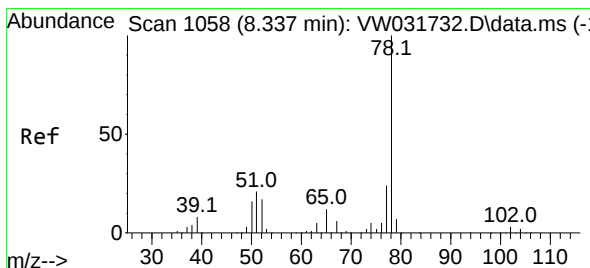
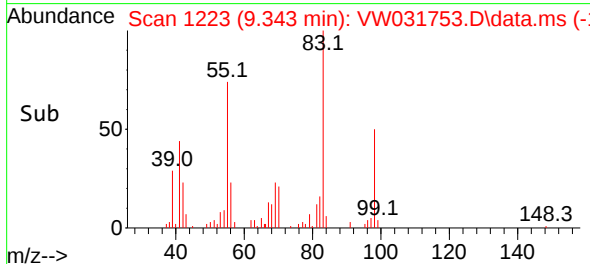
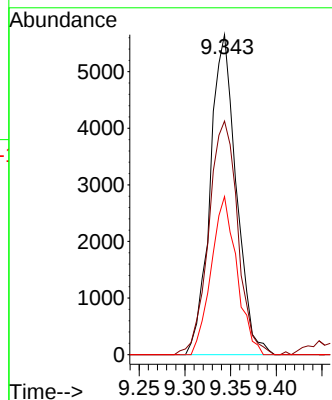
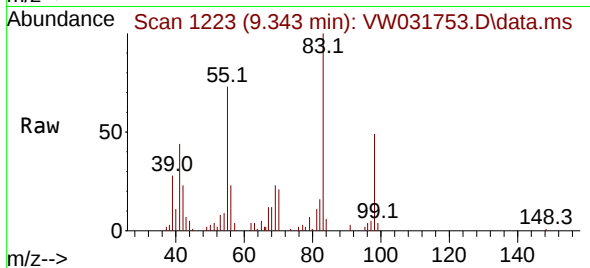




#39
Methylcyclohexane
Concen: 2.364 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

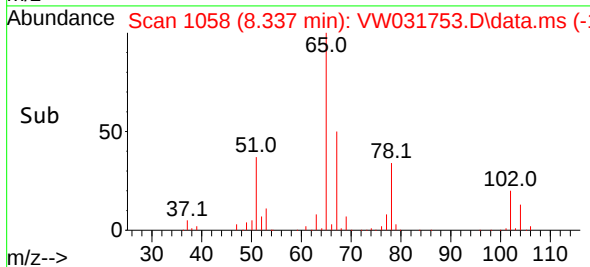
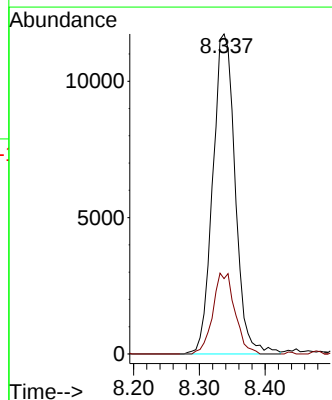
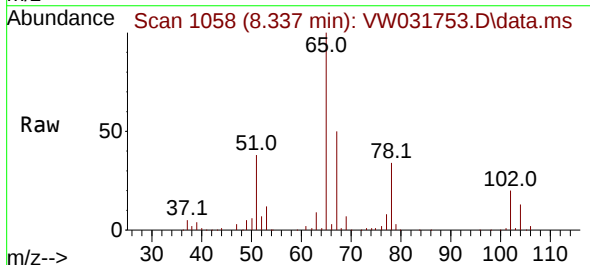
Instrument :
MSVOA_W
ClientSampleId :
MDL03

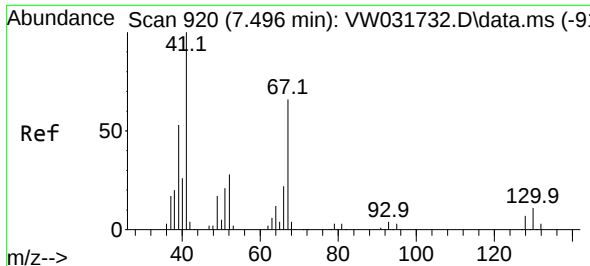
Tgt Ion: 83 Resp: 11254
Ion Ratio Lower Upper
83 100
55 73.0 61.0 91.4
98 49.4 37.9 56.9



#40
Benzene
Concen: 2.456 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 78 Resp: 27799
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

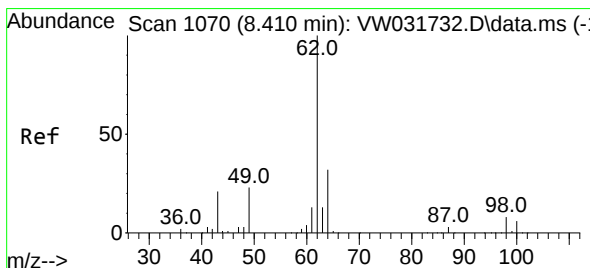
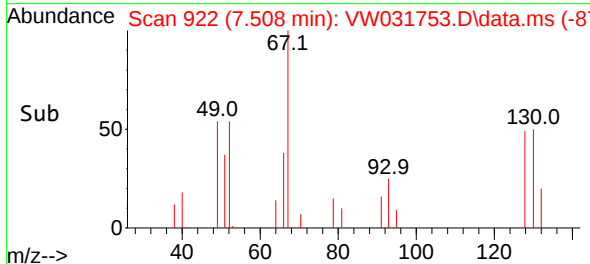
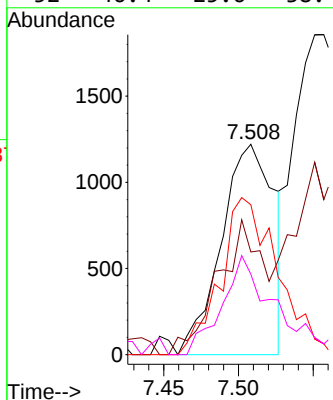
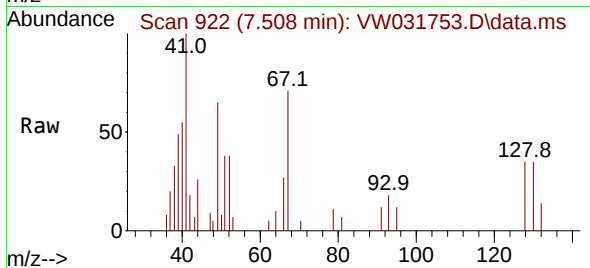




#41
Methacrylonitrile
Concen: 2.312 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.013 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

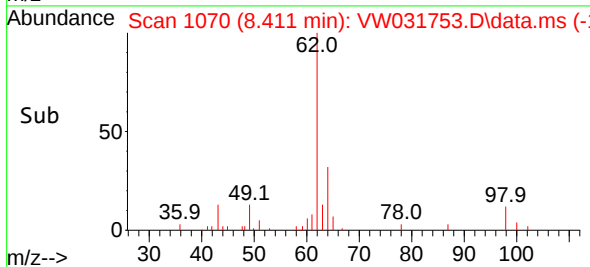
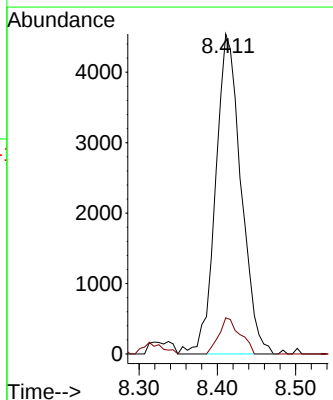
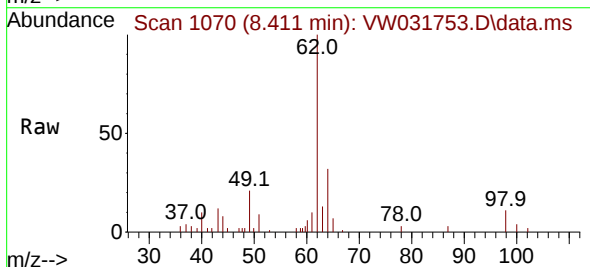
Instrument :
MSVOA_W
ClientSampleId :
MDL03

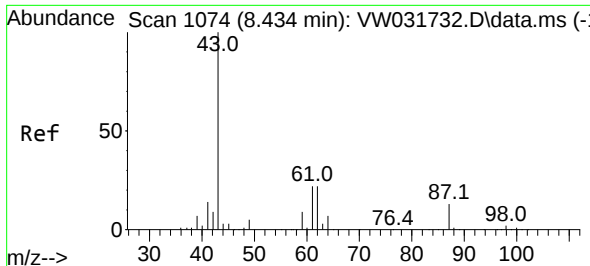
Tgt Ion: 41	Resp: 2989
Ion Ratio	Lower Upper
41 100	
39 54.0	43.2 64.8
67 80.9	58.1 87.1
52 46.4	25.6 38.4#



#42
1,2-Dichloroethane
Concen: 2.684 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 62	Resp: 10266
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 17.2

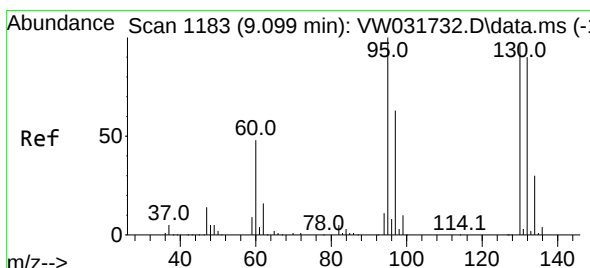
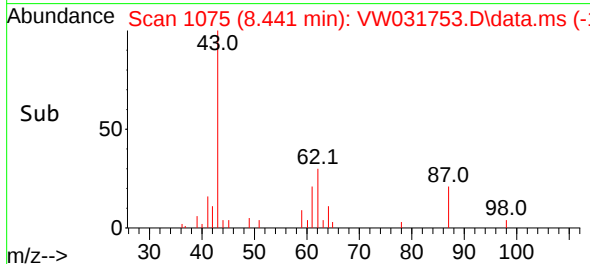
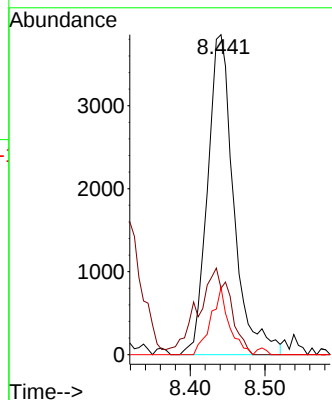
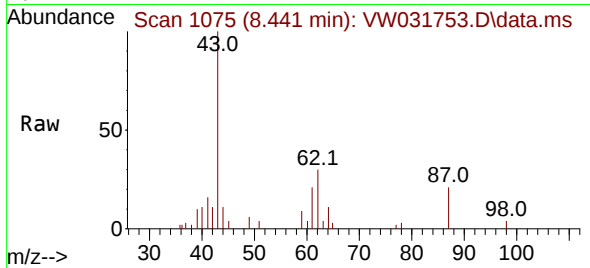




#43
Isopropyl Acetate
Concen: 2.258 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

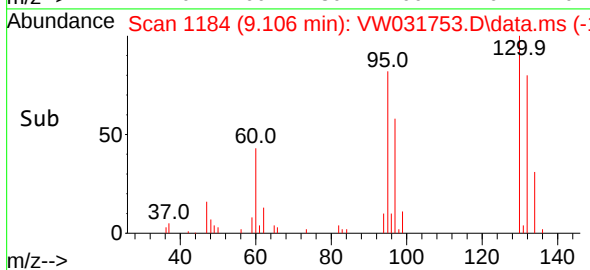
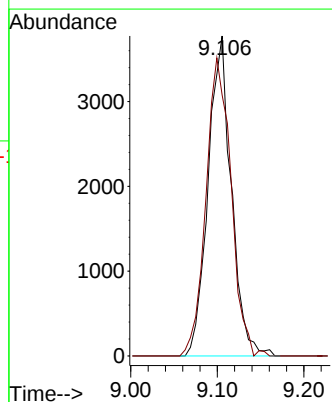
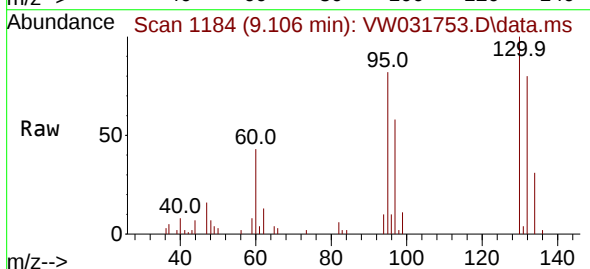
Instrument :
MSVOA_W
ClientSampleId :
MDL03

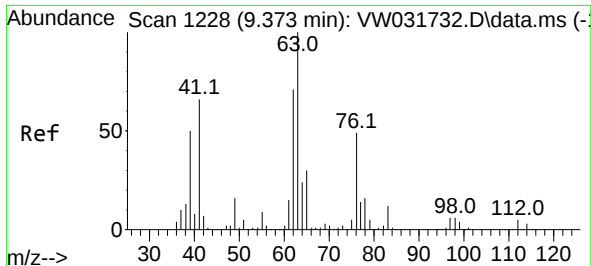
Tgt Ion: 43 Resp: 9396
Ion Ratio Lower Upper
43 100
61 33.6 23.1 34.7
87 14.8 10.8 16.2



#44
Trichloroethene
Concen: 2.486 ug/l
RT: 9.106 min Scan# 1184
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 130 Resp: 7023
Ion Ratio Lower Upper
130 100
95 81.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 2.466 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.007 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

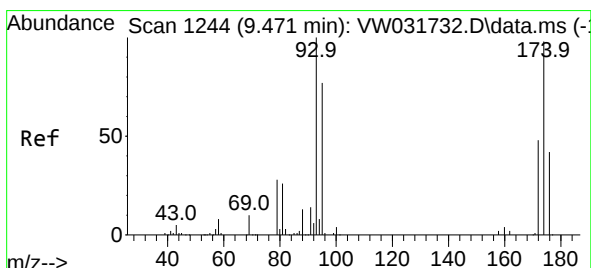
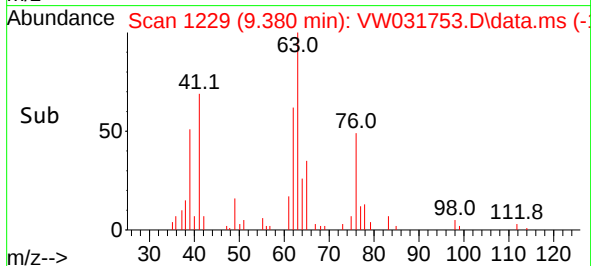
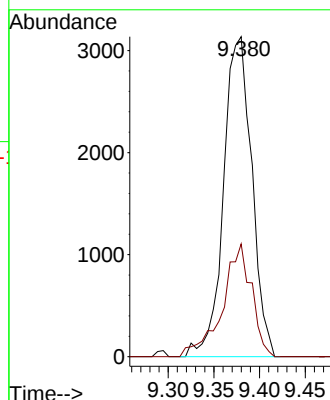
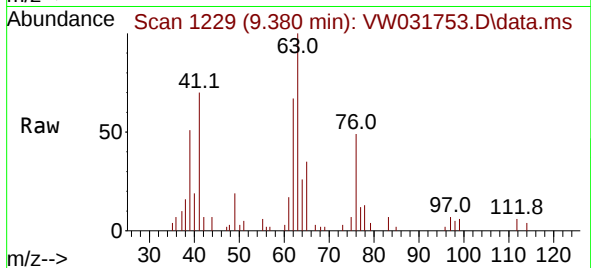
MDL03

Tgt Ion: 63 Resp: 6746

Ion Ratio Lower Upper

63 100

65 35.2 24.2 36.4



#46

Dibromomethane

Concen: 2.357 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

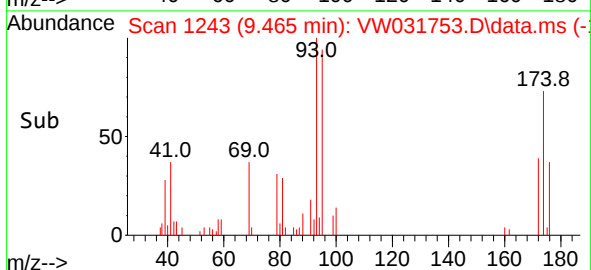
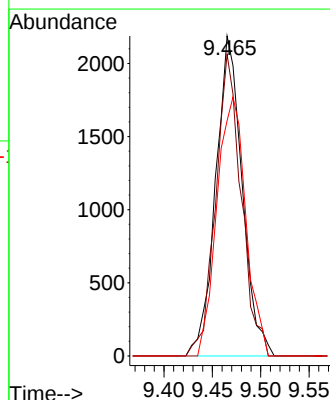
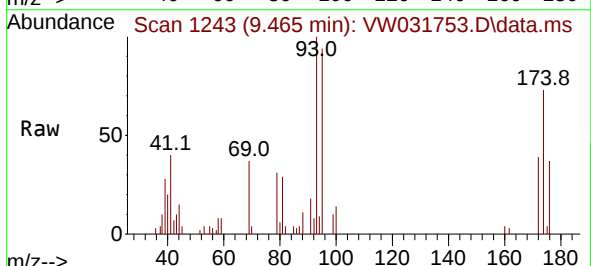
Tgt Ion: 93 Resp: 4163

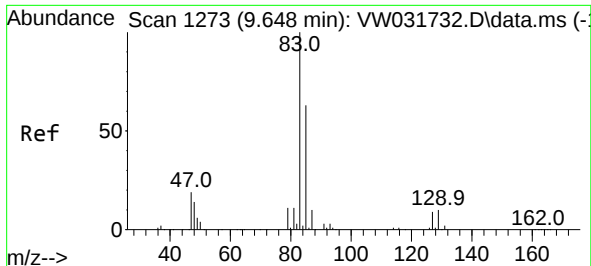
Ion Ratio Lower Upper

93 100

95 90.8 67.0 100.4

174 87.9 71.7 107.5

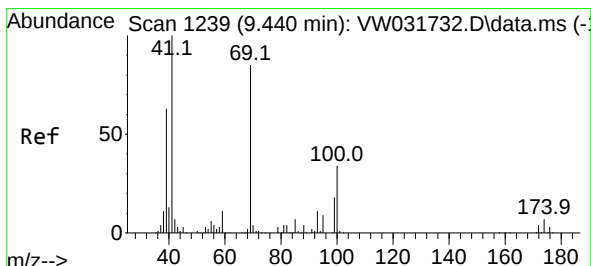
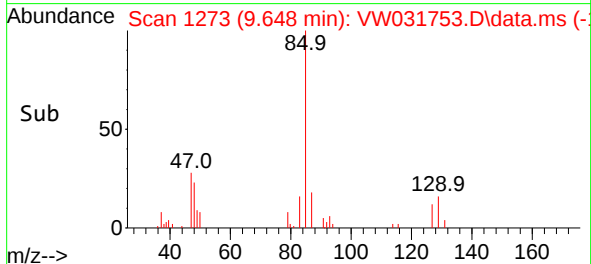
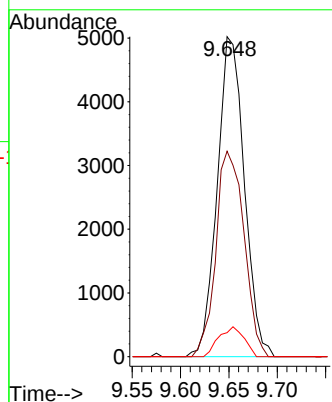
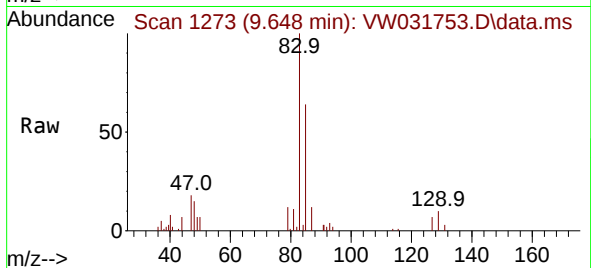




#47
Bromodichloromethane
Concen: 2.363 ug/l
RT: 9.648 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

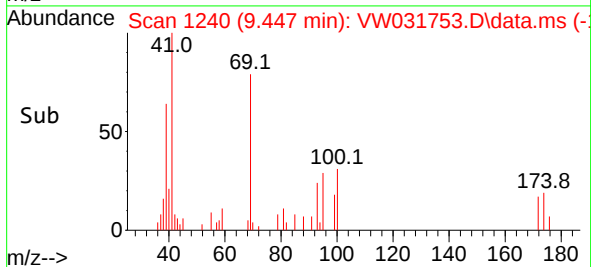
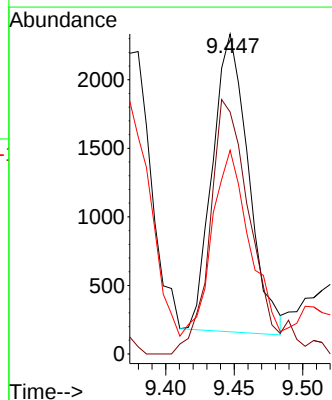
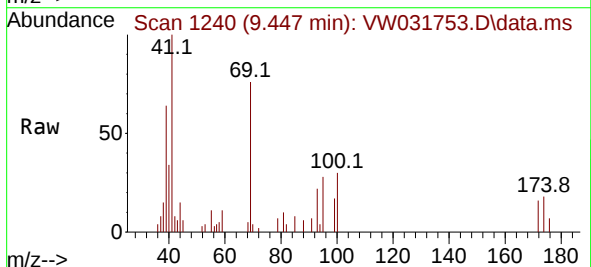
Instrument :
MSVOA_W
ClientSampleId :
MDL03

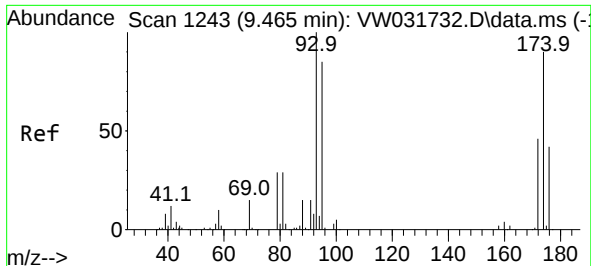
Tgt Ion: 83 Resp: 9786
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 7.5 6.8 10.2



#48
Methyl methacrylate
Concen: 1.933 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 41 Resp: 3955
Ion Ratio Lower Upper
41 100
69 99.0 71.6 107.4
39 73.0 49.5 74.3

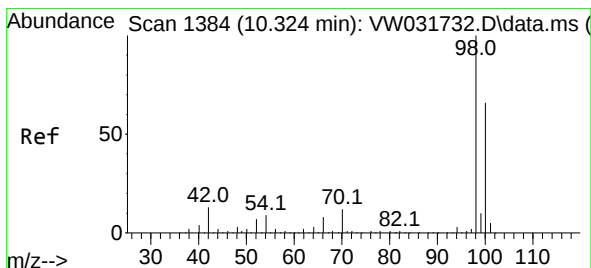
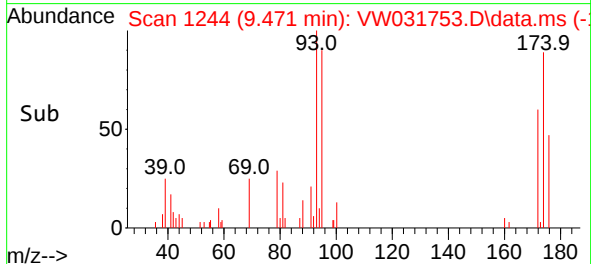
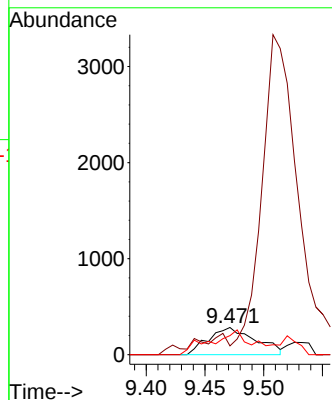
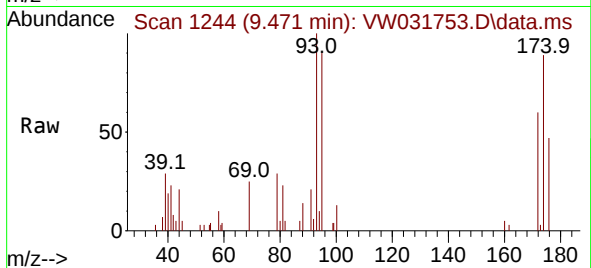




#49
 1,4-Dioxane
 Concen: 37.994 ug/l
 RT: 9.471 min Scan# 1244
 Delta R.T. 0.007 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

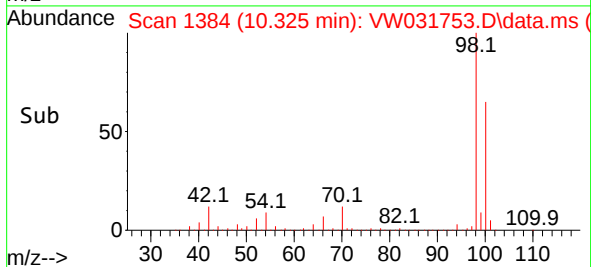
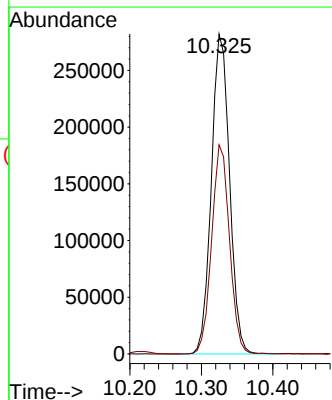
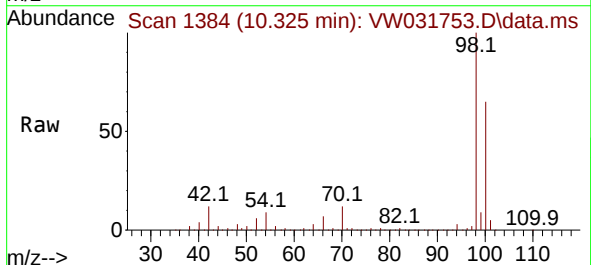
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

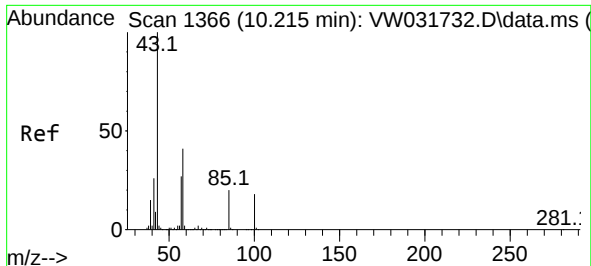
Tgt Ion: 88 Resp: 786
 Ion Ratio Lower Upper
 88 100
 43 55.0 0.0 0.0#
 58 77.4 58.3 87.5



#50
 Toluene-d8
 Concen: 50.607 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

Tgt Ion: 98 Resp: 497978
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.0 79.4

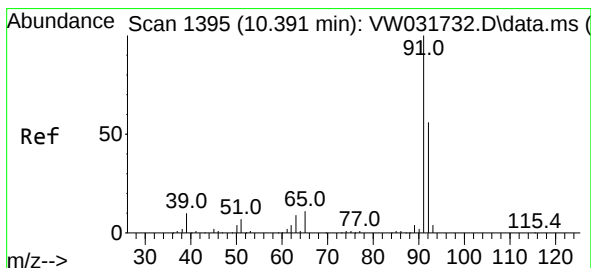
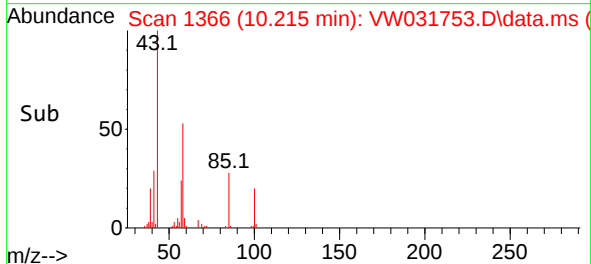
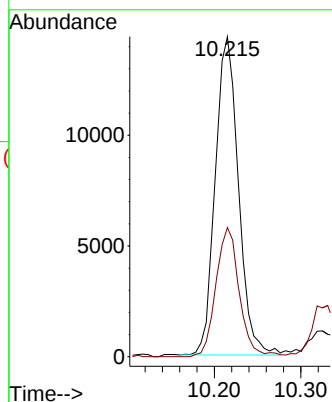
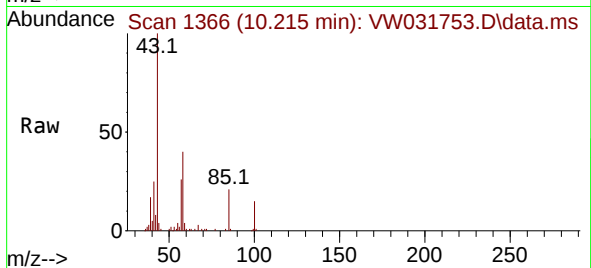




#51
4-Methyl-2-Pentanone
Concen: 11.192 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

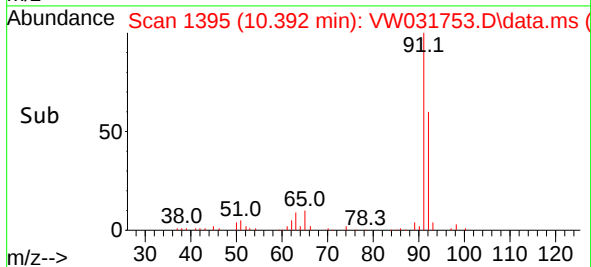
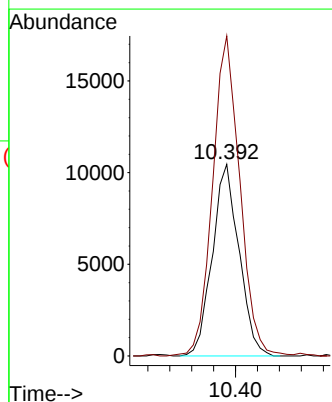
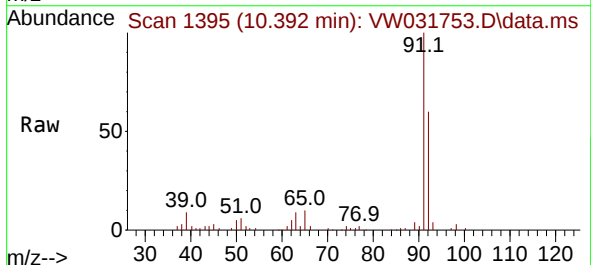
Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 26772
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2



#52
Toluene
Concen: 2.439 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 92 Resp: 17675
Ion Ratio Lower Upper
92 100
91 170.3 139.5 209.3

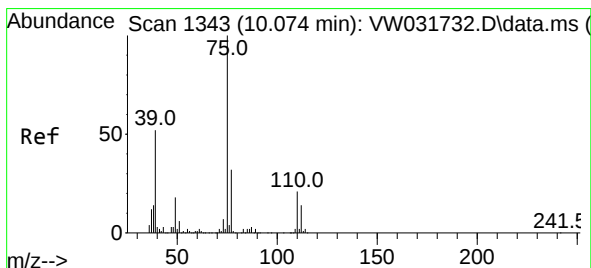
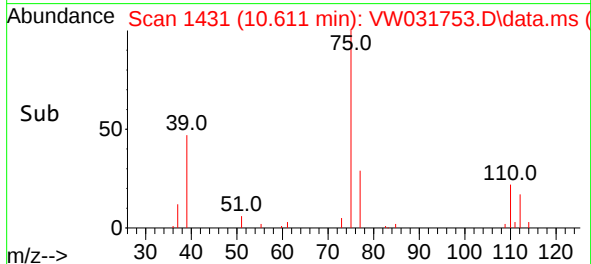
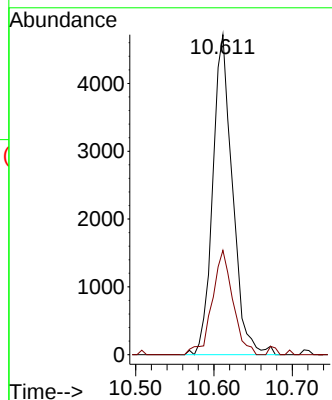
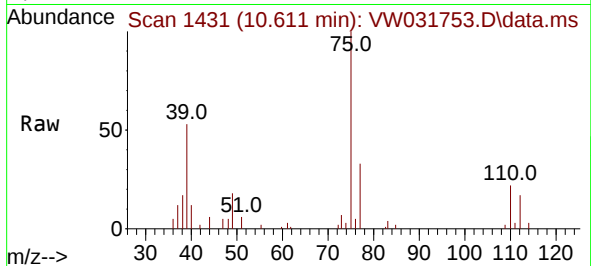




#53
t-1,3-Dichloropropene
Concen: 2.130 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

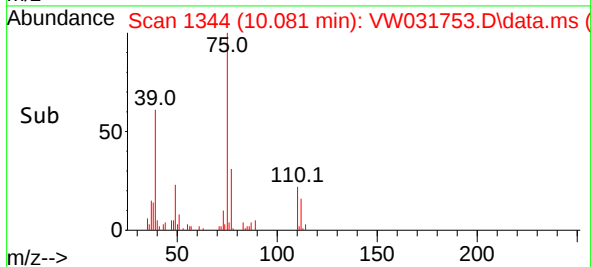
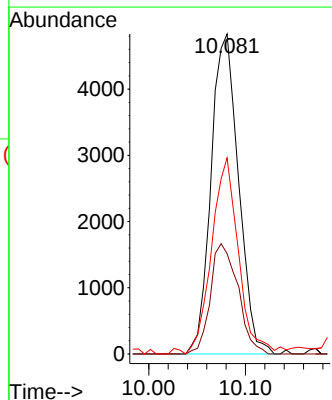
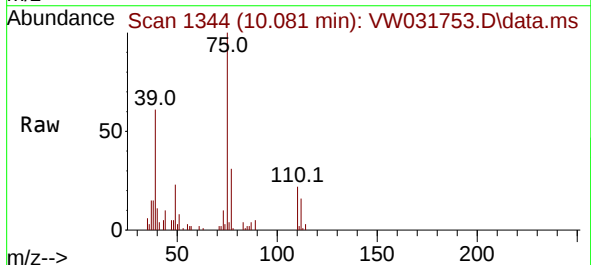
Instrument :
MSVOA_W
ClientSampleId :
MDL03

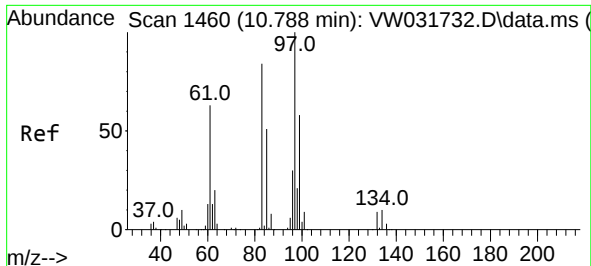
Tgt Ion: 75 Resp: 8279
Ion Ratio Lower Upper
75 100
77 32.6 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 2.165 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 75 Resp: 9538
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 60.1 41.8 62.6

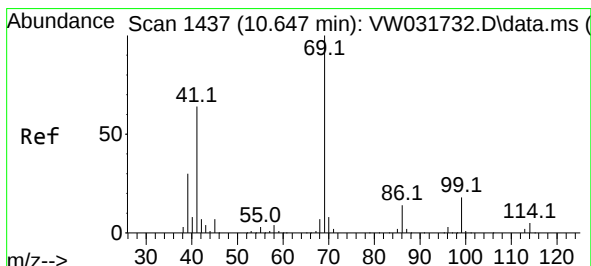
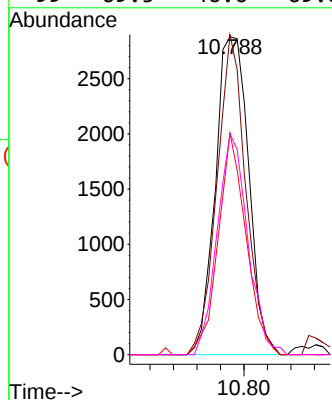
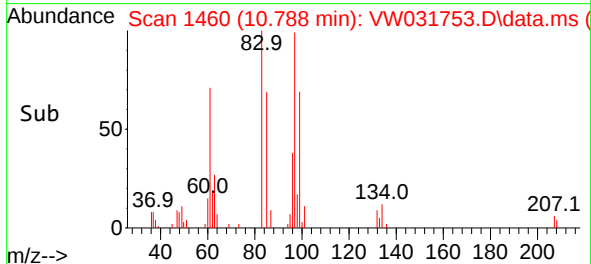
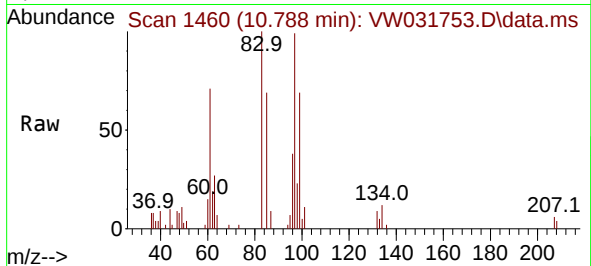




#55
1,1,2-Trichloroethane
Concen: 2.447 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

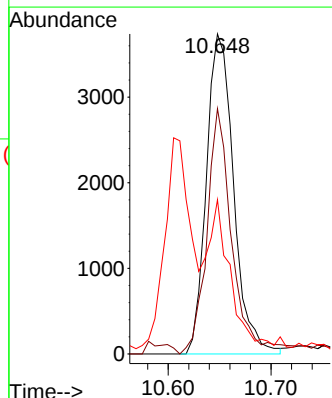
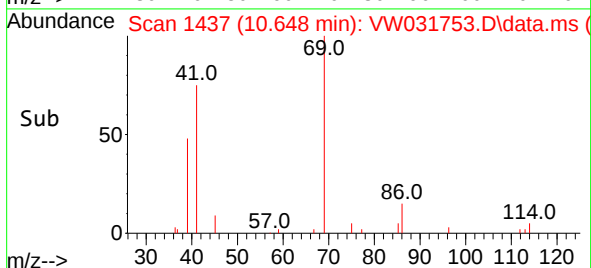
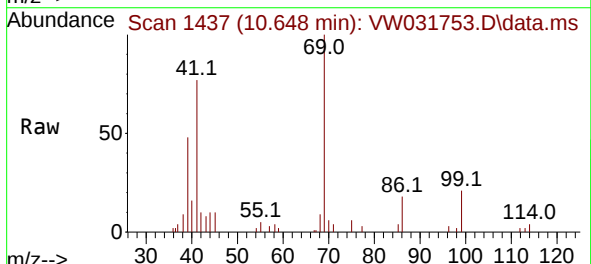
Instrument :
MSVOA_W
ClientSampleId :
MDL03

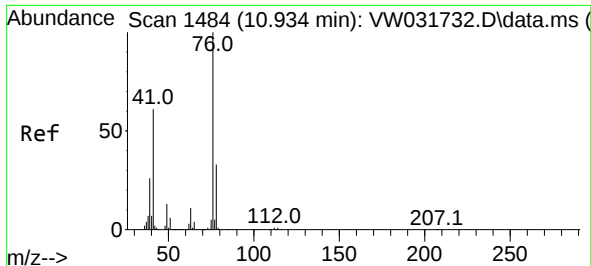
Tgt Ion: 97	Resp: 5662
Ion Ratio	Lower Upper
97 100	
83 100.7	66.9 100.3#
85 69.7	41.1 61.7#
99 69.5	46.6 69.8



#56
Ethyl methacrylate
Concen: 2.192 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 69	Resp: 6882		
Ion Ratio	Lower	Upper	
69 100			
41 72.1	53.3	79.9	
39 43.3	30.2	45.2	

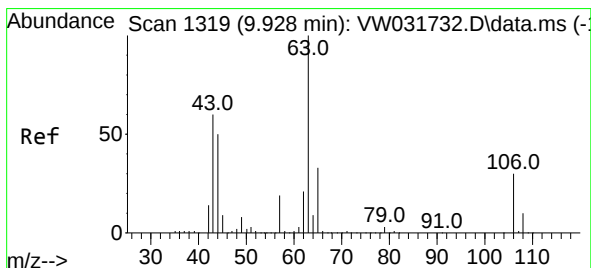
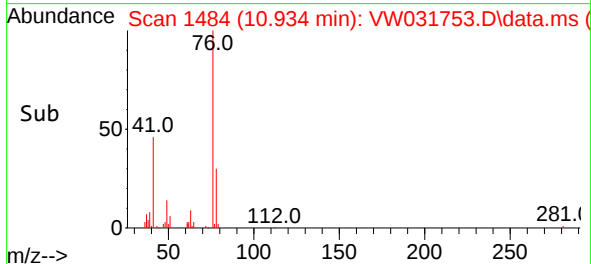
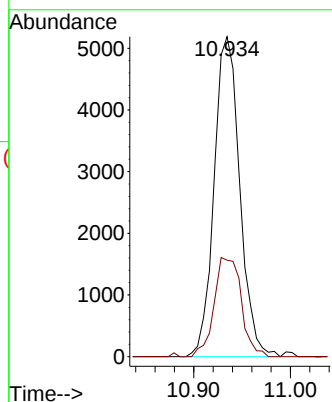
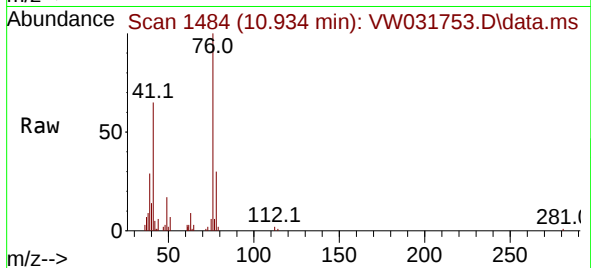




#57
1,3-Dichloropropane
Concen: 2.351 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

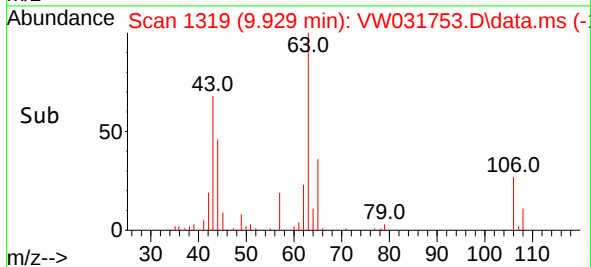
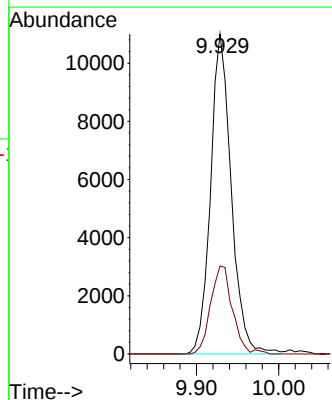
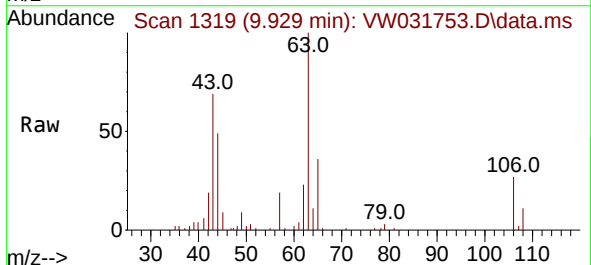
Instrument :
MSVOA_W
ClientSampleId :
MDL03

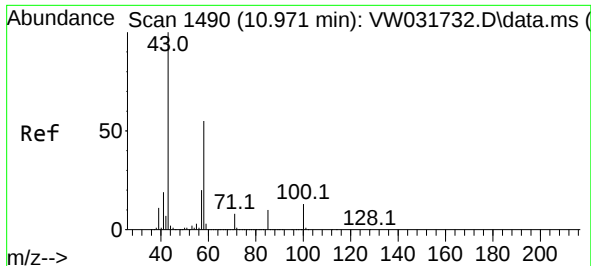
Tgt Ion: 76 Resp: 9551
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 11.130 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 63 Resp: 19239
Ion Ratio Lower Upper
63 100
106 29.0 24.1 36.1

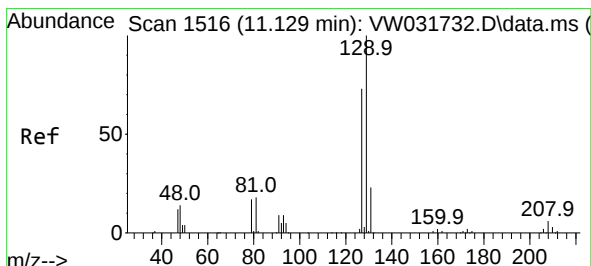
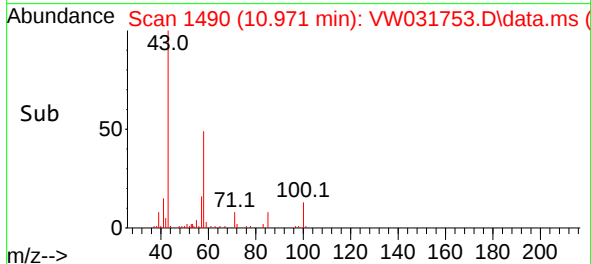
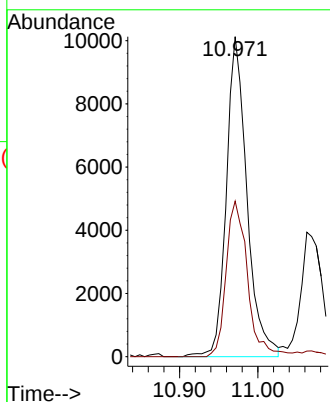
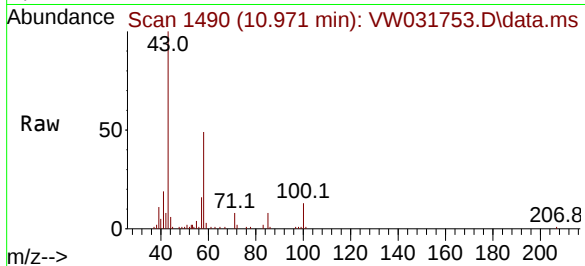




#59
2-Hexanone
Concen: 11.434 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

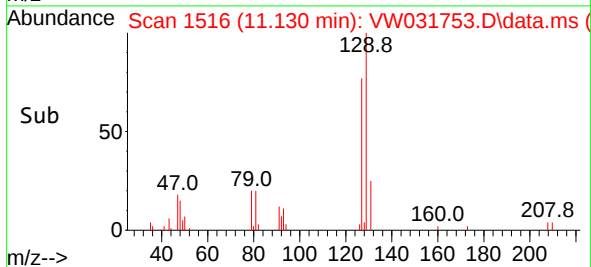
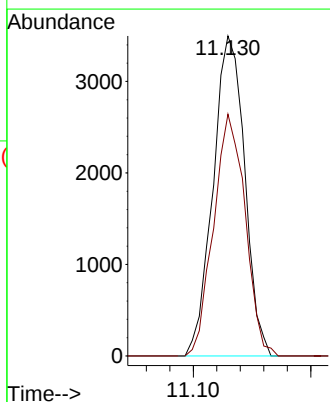
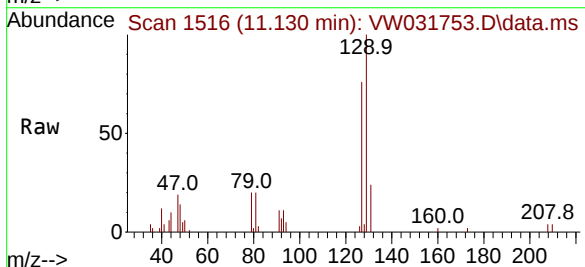
Instrument :
MSVOA_W
ClientSampleId :
MDL03

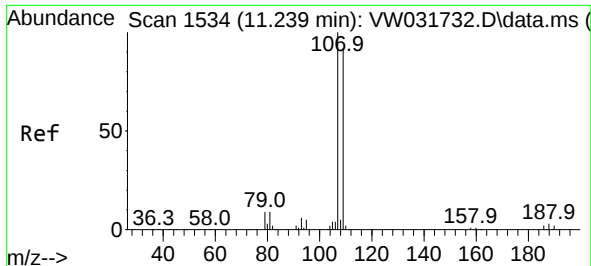
Tgt Ion: 43 Resp: 18533
Ion Ratio Lower Upper
43 100
58 50.5 27.9 83.6



#60
Dibromochloromethane
Concen: 2.360 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 129 Resp: 6531
Ion Ratio Lower Upper
129 100
127 75.4 38.0 114.1

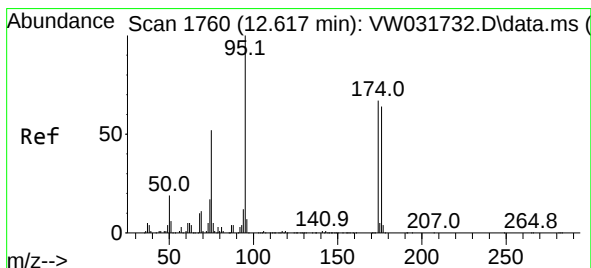
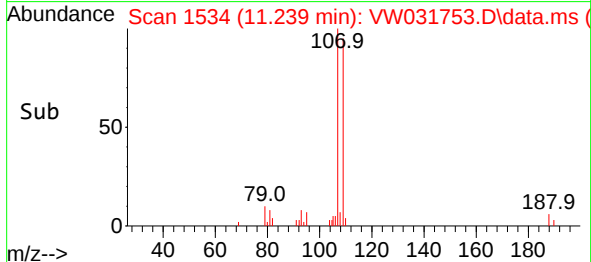
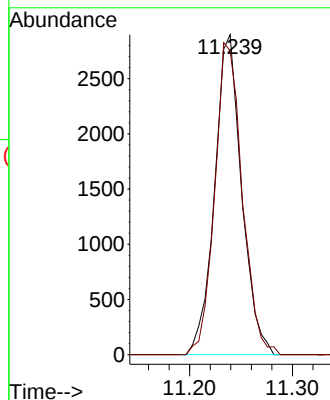
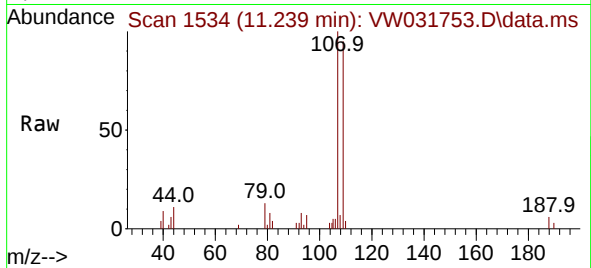




#61
1,2-Dibromoethane
Concen: 2.286 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

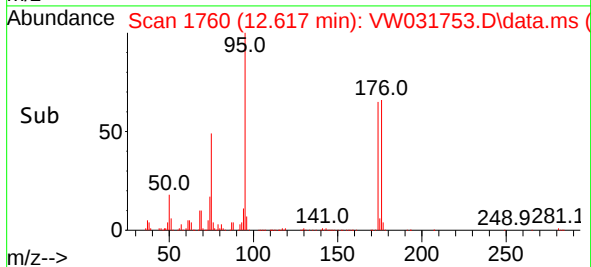
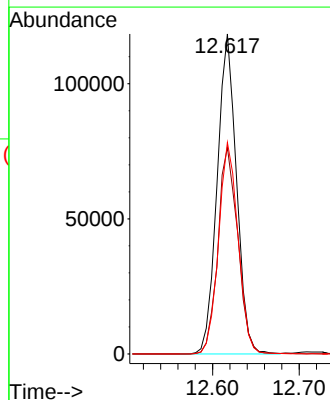
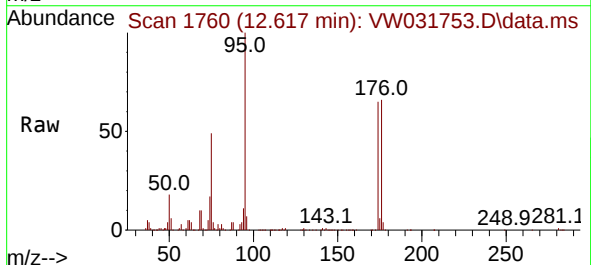
Instrument :
MSVOA_W
ClientSampleId :
MDL03

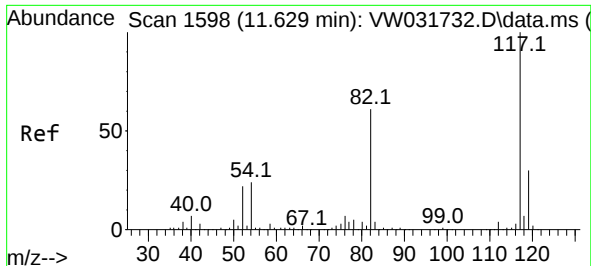
Tgt Ion:107 Resp: 5294
Ion Ratio Lower Upper
107 100
109 98.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 95 Resp: 183822
Ion Ratio Lower Upper
95 100
174 66.2 0.0 133.8
176 66.7 0.0 126.0

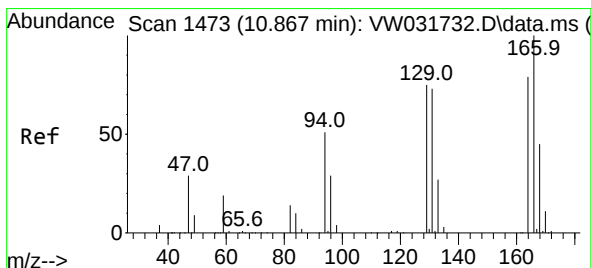
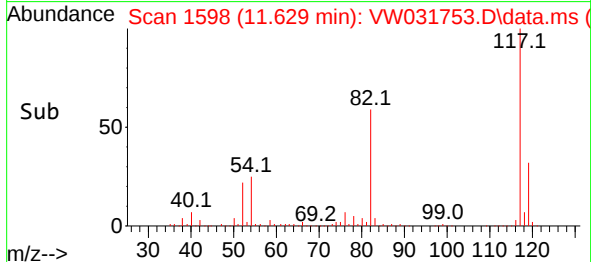
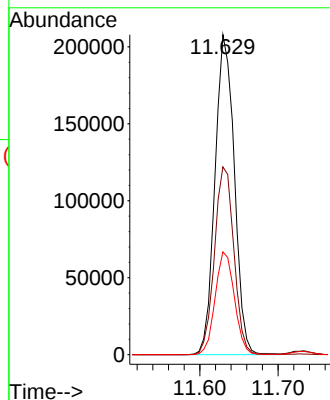
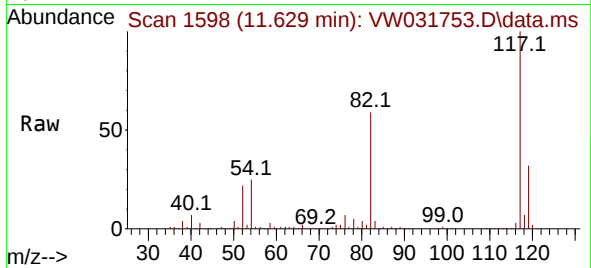




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

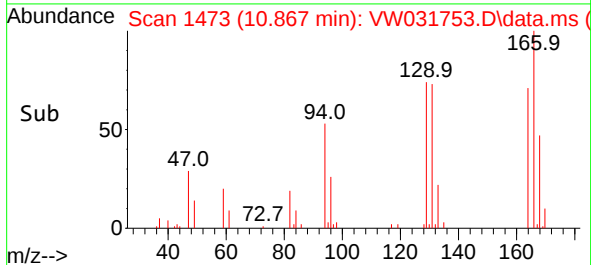
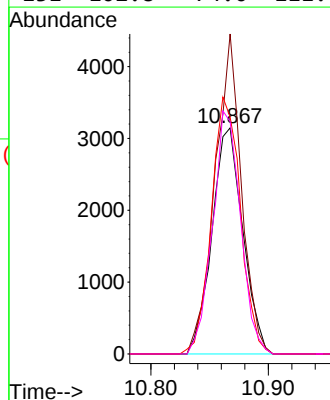
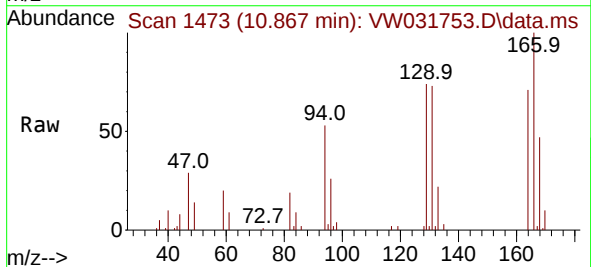
Instrument :
MSVOA_W
ClientSampleId :
MDL03

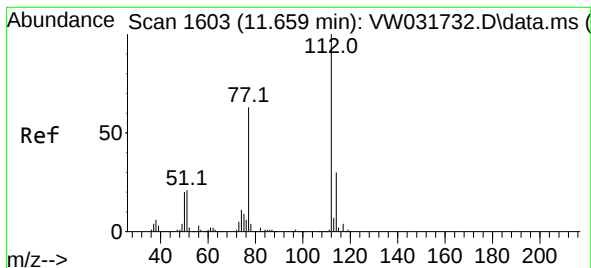
Tgt Ion:117 Resp: 356810
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 32.2 23.9 35.9



#64
Tetrachloroethene
Concen: 2.453 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion:164 Resp: 5726
Ion Ratio Lower Upper
164 100
166 141.6 100.7 151.1
129 104.8 75.4 113.0
131 102.8 74.0 111.0





#65

Chlorobenzene

Concen: 2.491 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

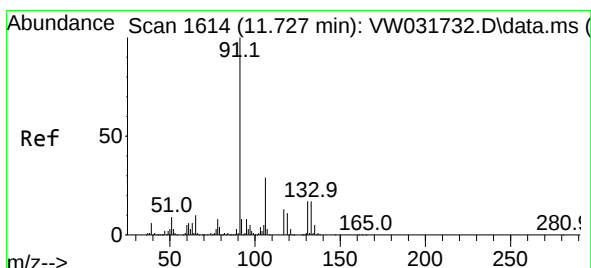
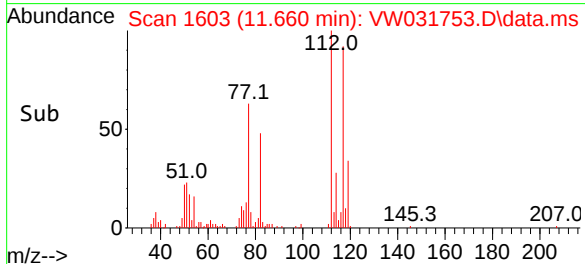
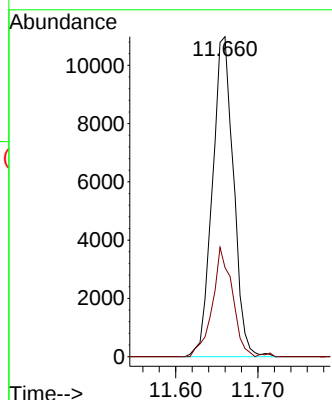
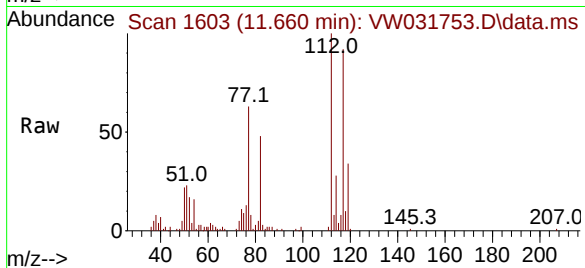
MDL03

Tgt Ion:112 Resp: 19607

Ion Ratio Lower Upper

112 100

114 27.8 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.373 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

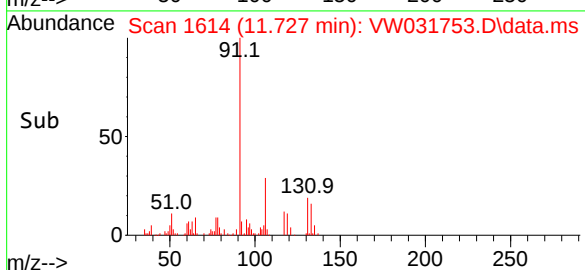
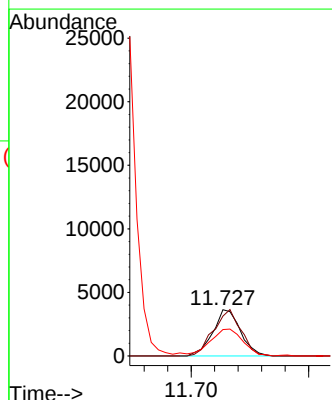
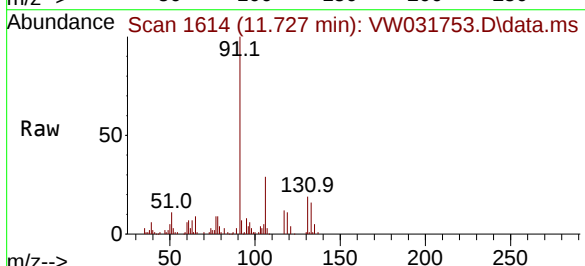
Tgt Ion:131 Resp: 5952

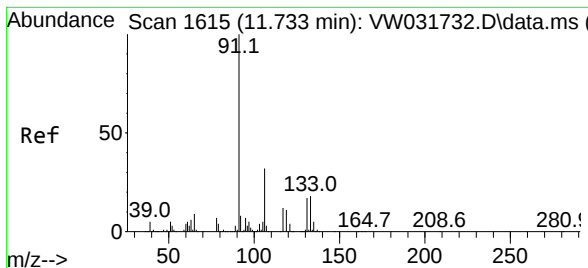
Ion Ratio Lower Upper

131 100

133 99.1 48.5 145.6

119 68.1 32.5 97.5





#67

Ethyl Benzene

Concen: 2.355 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

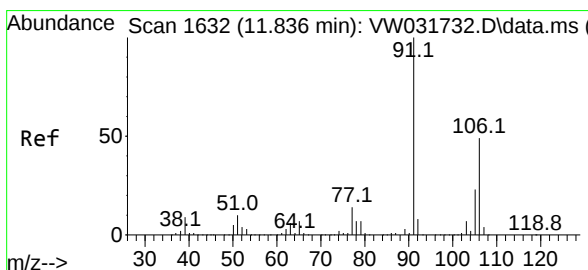
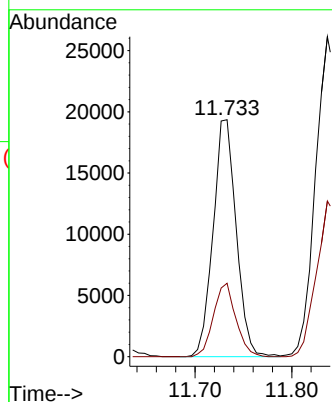
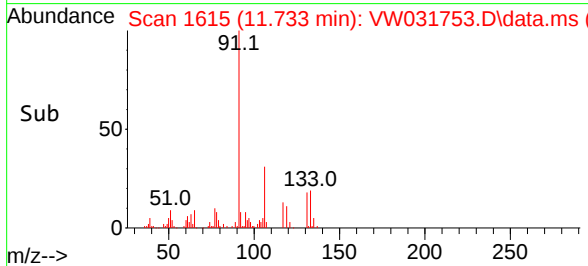
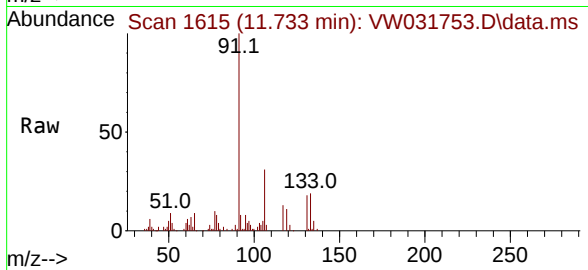
MDL03

Tgt Ion: 91 Resp: 32154

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.2



#68

m/p-Xylenes

Concen: 4.479 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031753.D

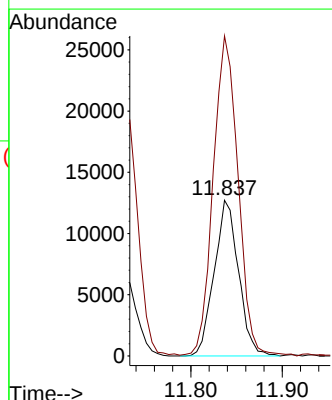
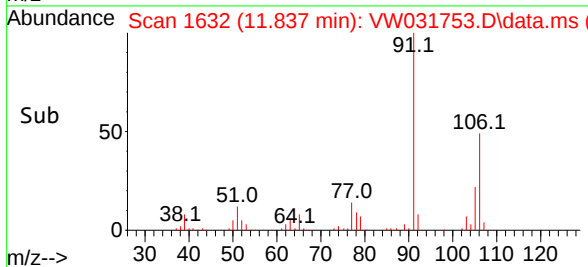
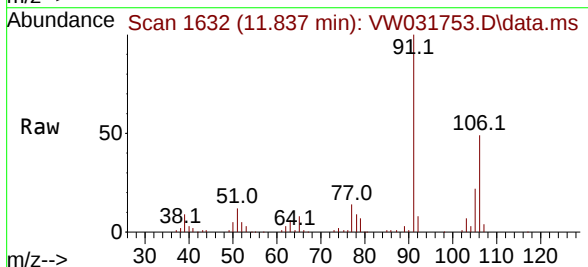
Acq: 02 Jul 2025 12:38

Tgt Ion: 106 Resp: 23506

Ion Ratio Lower Upper

106 100

91 210.3 166.4 249.6

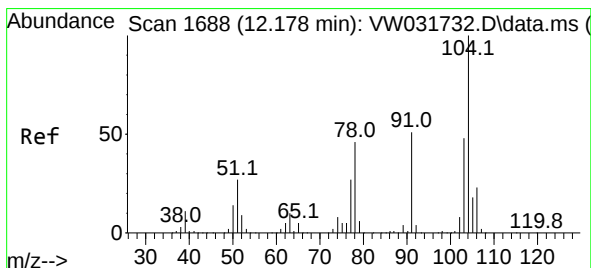
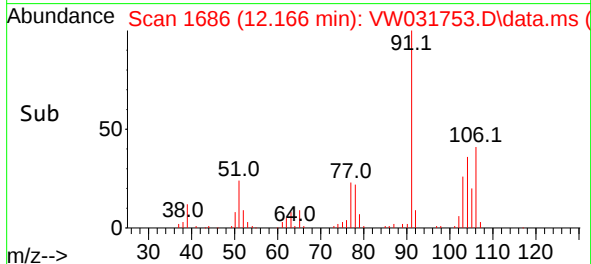
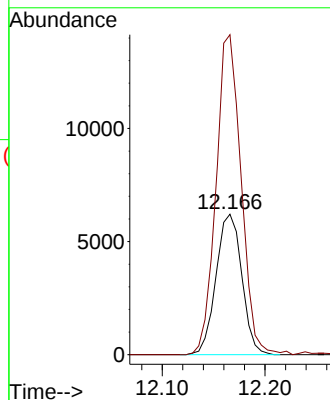
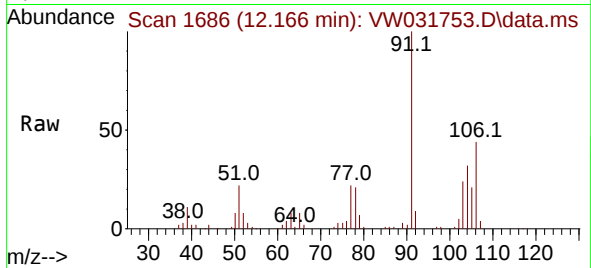




#69
o-Xylene
Concen: 2.224 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

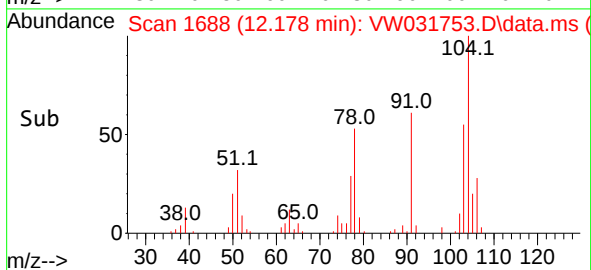
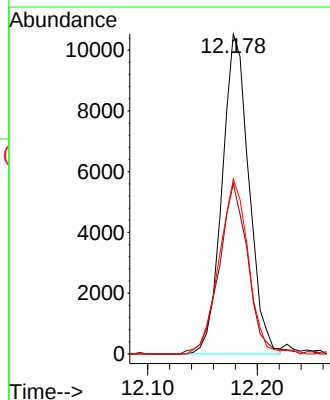
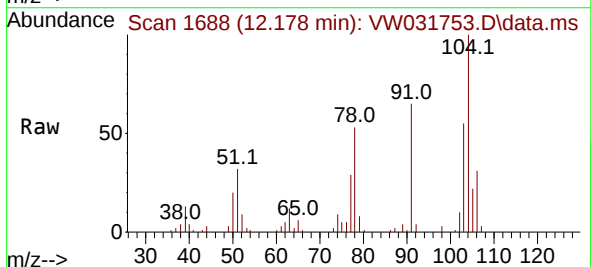
Instrument :
MSVOA_W
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 10806
Ion Ratio Lower Upper
106 100
91 221.6 111.5 334.4



#70
Styrene
Concen: 2.126 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion:104 Resp: 17854
Ion Ratio Lower Upper
104 100
78 57.0 42.1 63.1
103 59.7 43.0 64.6





#71

Bromoform

Concen: 2.462 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

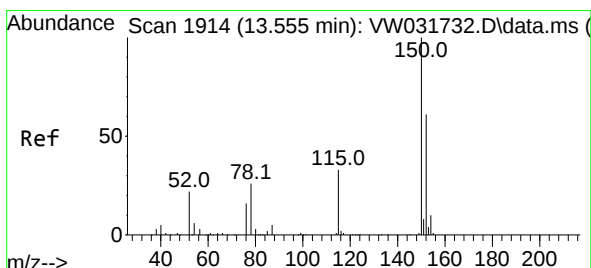
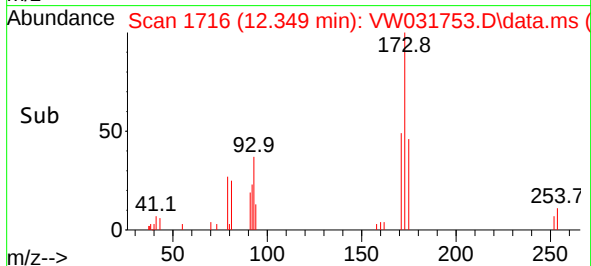
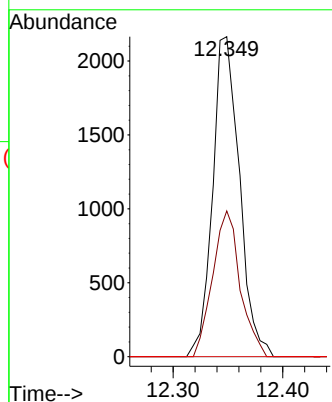
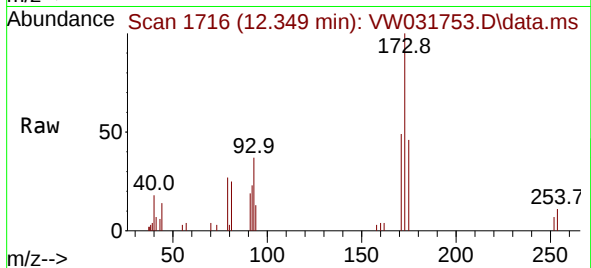
Tgt Ion:173 Resp: 3685

Ion Ratio Lower Upper

173 100

175 46.7 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: VW031753.D

Acq: 02 Jul 2025 12:38

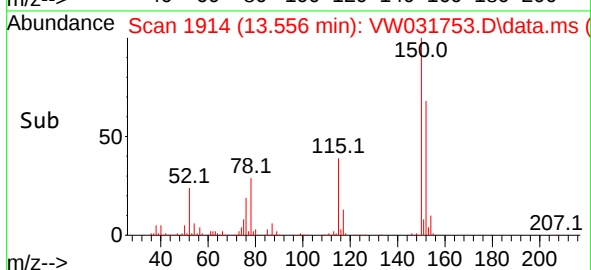
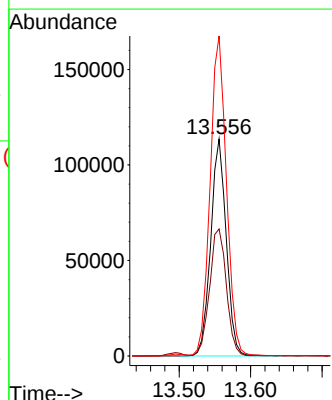
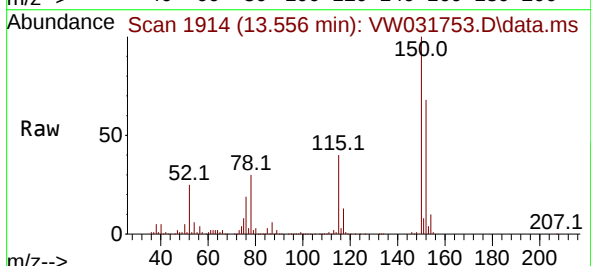
Tgt Ion:152 Resp: 171511

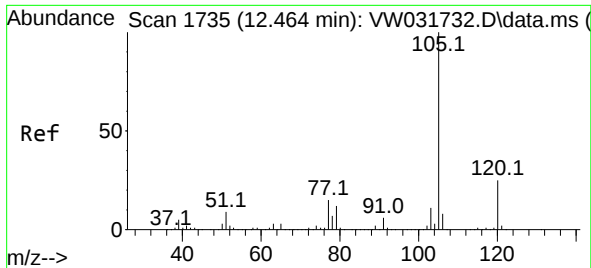
Ion Ratio Lower Upper

152 100

115 63.3 31.9 95.7

150 154.3 0.0 356.4

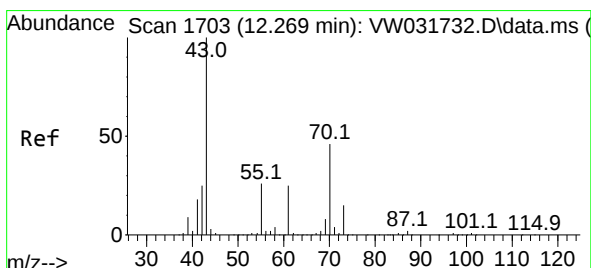
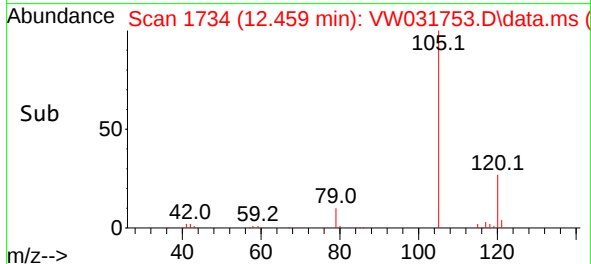
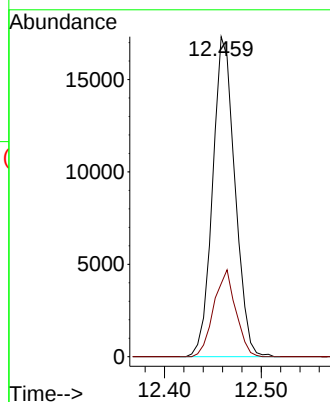
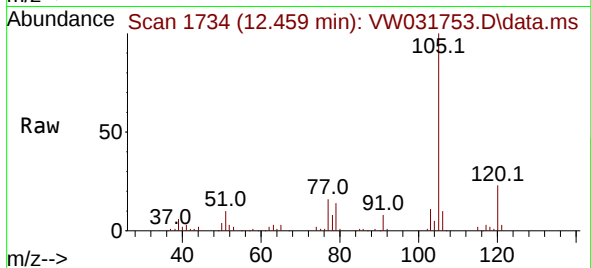




#73
Isopropylbenzene
Concen: 2.127 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

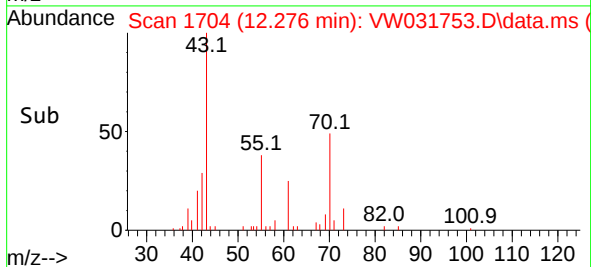
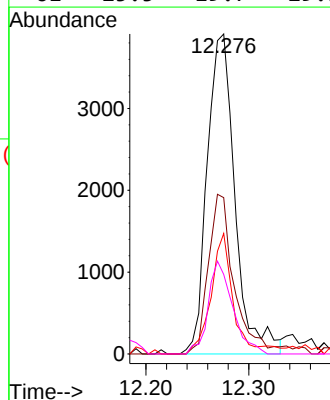
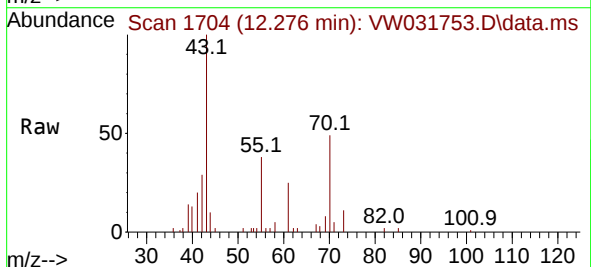
Instrument :
MSVOA_W
ClientSampleId :
MDL03

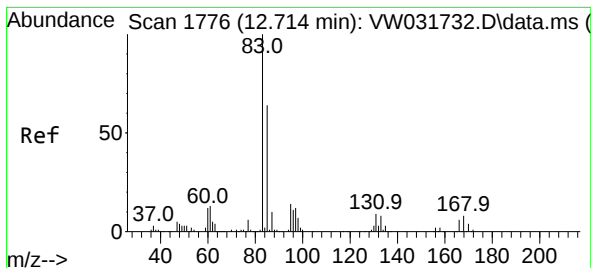
Tgt Ion:105 Resp: 27755
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4



#74
N-ethyl acetate
Concen: 2.100 ug/l
RT: 12.276 min Scan# 1704
Delta R.T. 0.007 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 43 Resp: 7383
Ion Ratio Lower Upper
43 100
70 46.2 36.0 54.0
55 30.9 20.8 31.2
61 25.5 19.7 29.5

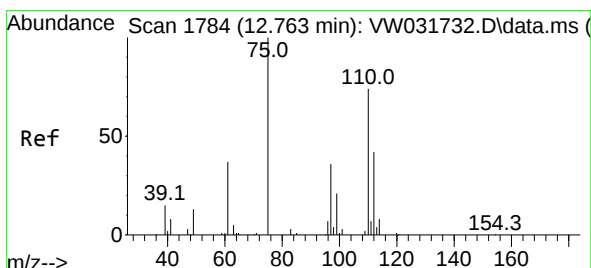
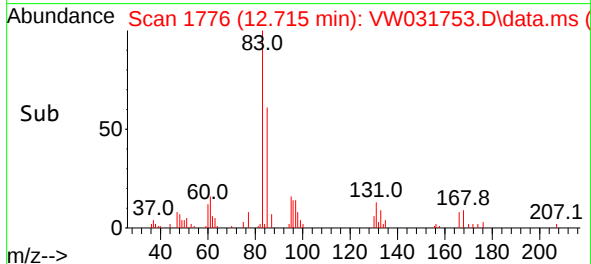
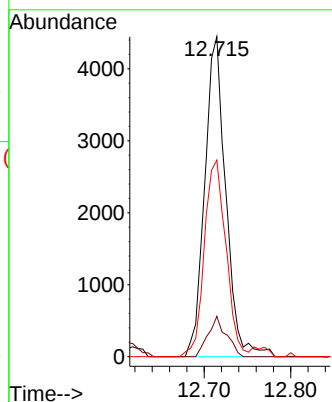
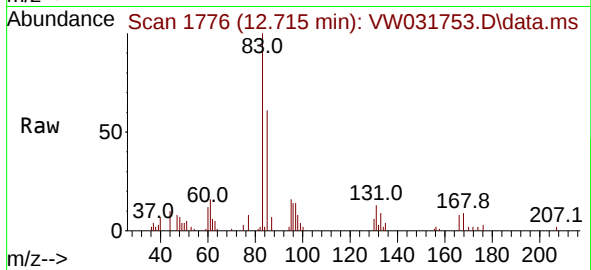




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.598 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

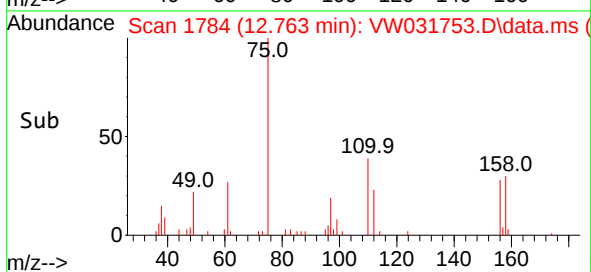
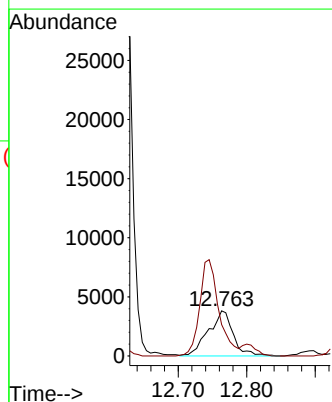
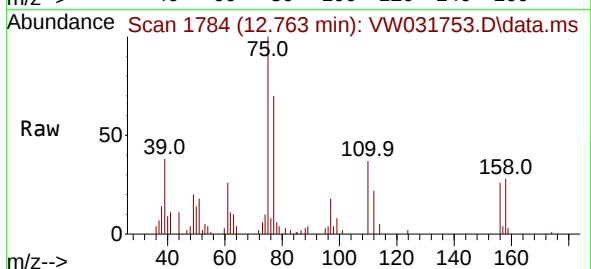
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

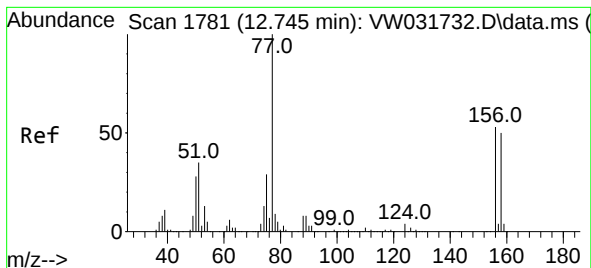
Tgt Ion: 83 Resp: 7524
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 63.0 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 4.327 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031753.D
 Acq: 02 Jul 2025 12:38

Tgt Ion: 75 Resp: 9591
 Ion Ratio Lower Upper
 75 100
 77 165.7 141.2 423.6

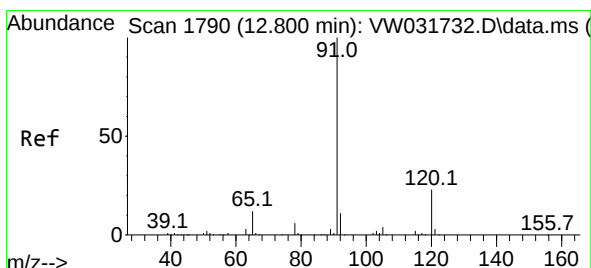
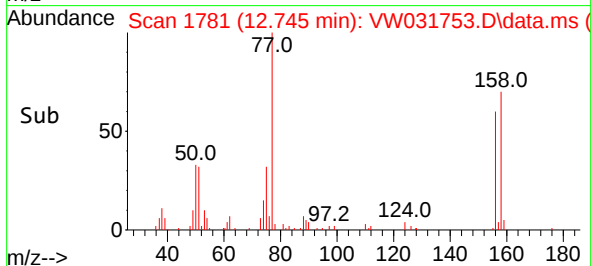
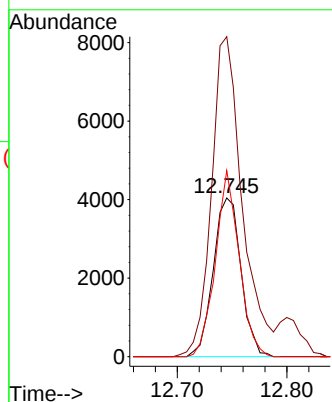
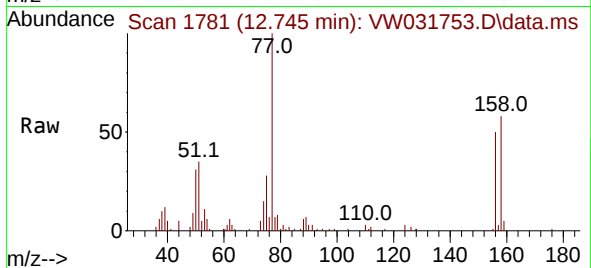




#77
Bromobenzene
Concen: 2.444 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

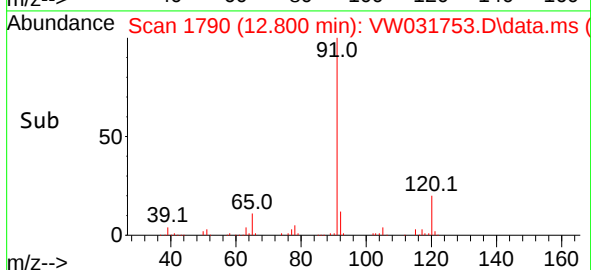
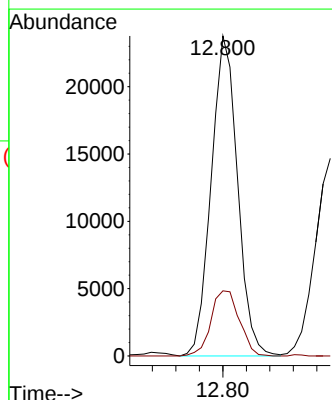
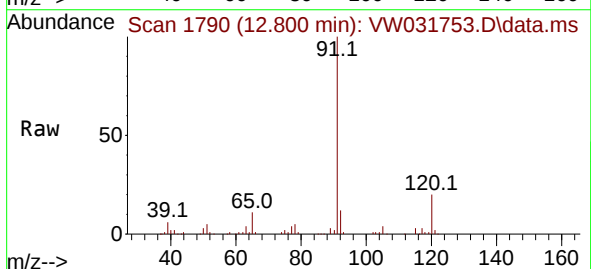
Instrument :
MSVOA_W
ClientSampleId :
MDL03

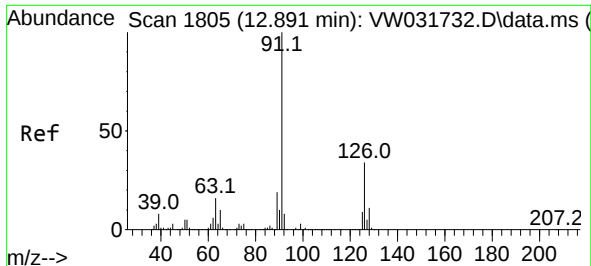
Tgt Ion:156 Resp: 7110
Ion Ratio Lower Upper
156 100
77 223.5 117.9 353.7
158 100.6 52.6 157.8



#78
n-propylbenzene
Concen: 2.375 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 91 Resp: 37099
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4

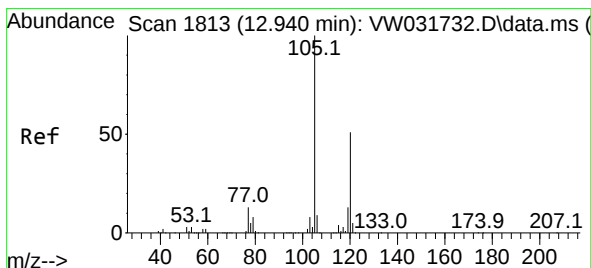
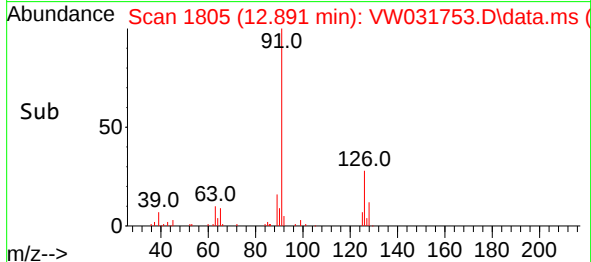
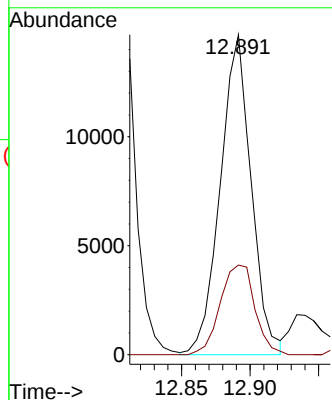
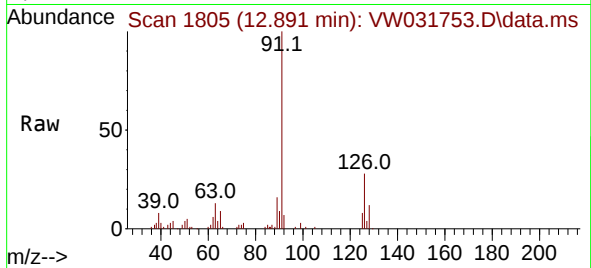




#79
2-Chlorotoluene
Concen: 2.449 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

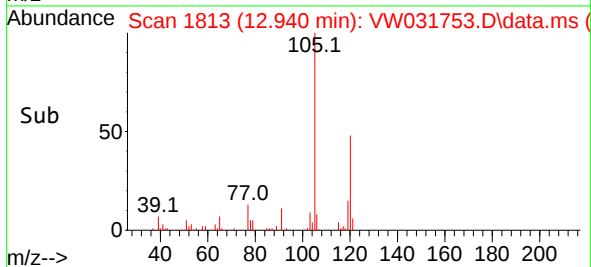
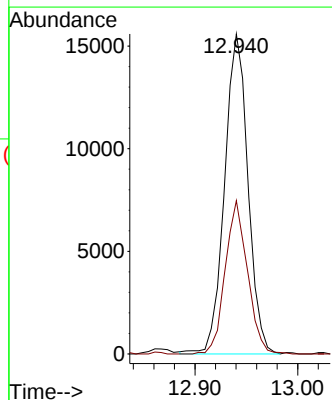
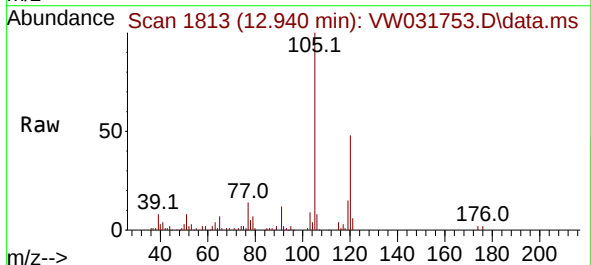
Instrument :
MSVOA_W
ClientSampleId :
MDL03

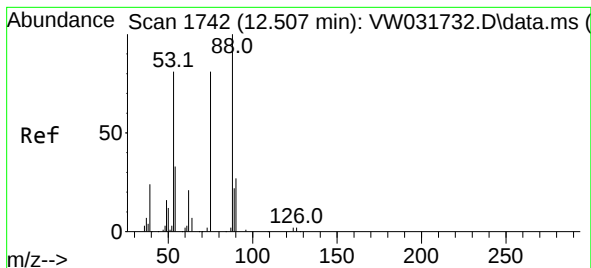
Tgt Ion: 91 Resp: 23040
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 2.283 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 105 Resp: 24654
Ion Ratio Lower Upper
105 100
120 45.6 23.8 71.2

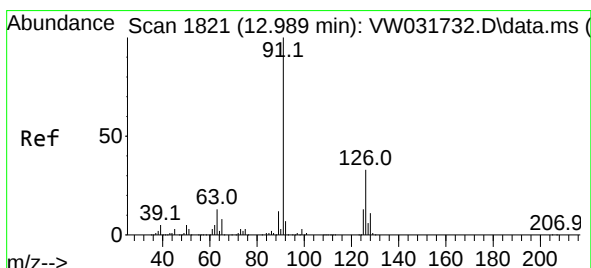
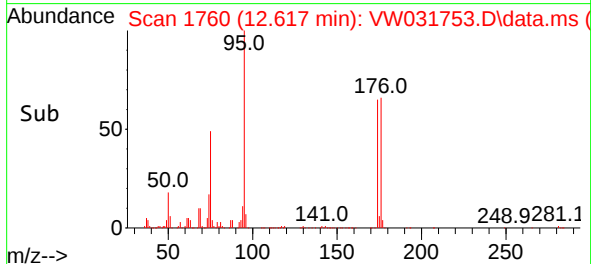
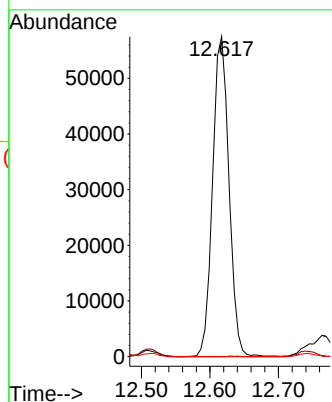
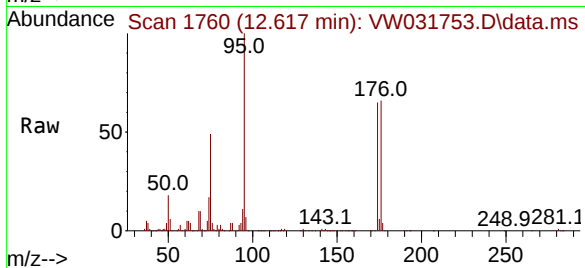




#81
trans-1,4-Dichloro-2-butene
Concen: 100.376 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

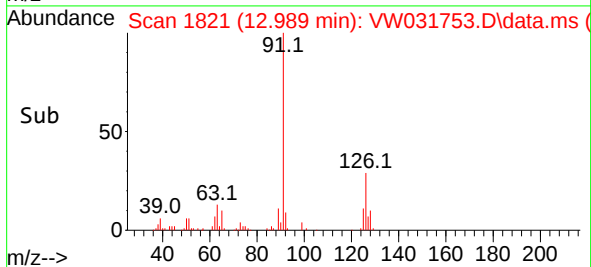
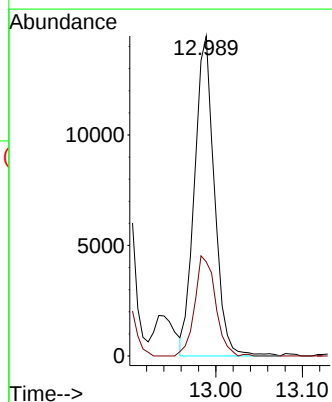
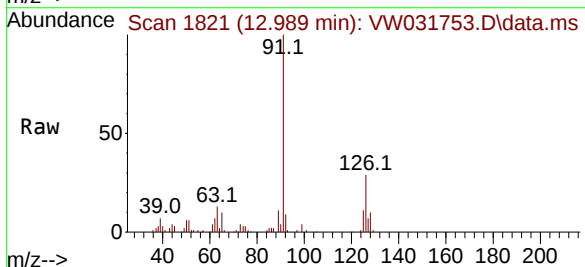
Instrument :
MSVOA_W
ClientSampleId :
MDL03

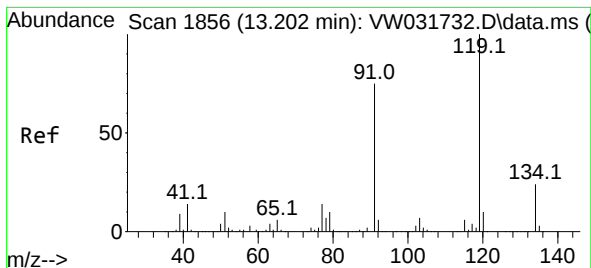
Tgt Ion: 75 Resp: 95517
Ion Ratio Lower Upper
75 100
53 0.1 83.5 125.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.336 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031753.D
Acq: 02 Jul 2025 12:38

Tgt Ion: 91 Resp: 23072
Ion Ratio Lower Upper
91 100
126 32.7 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: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

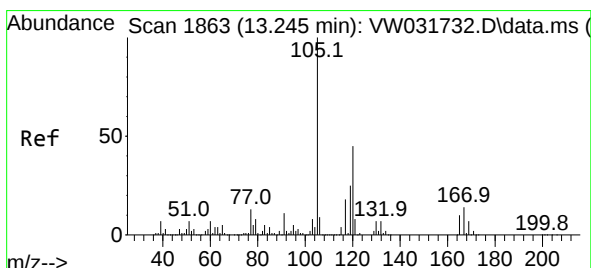
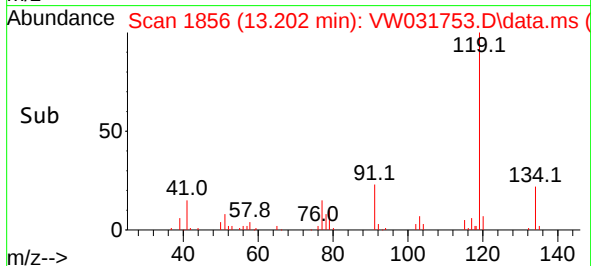
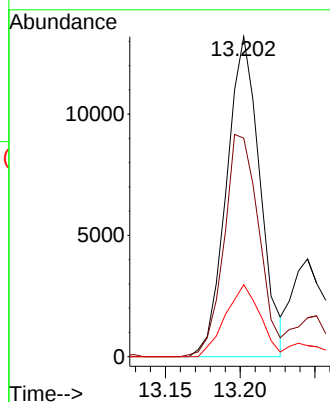
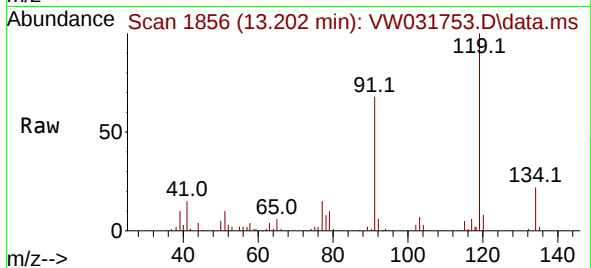
Tgt Ion:119 Resp: 20547

Ion Ratio Lower Upper

119 100

91 72.2 36.0 108.1

134 23.3 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.198 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031753.D

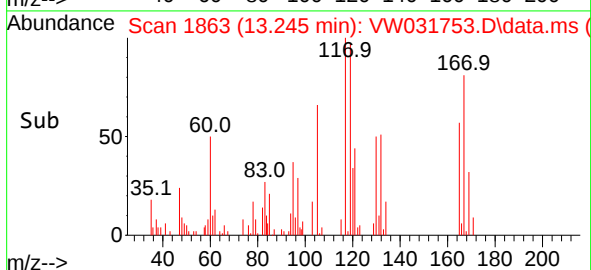
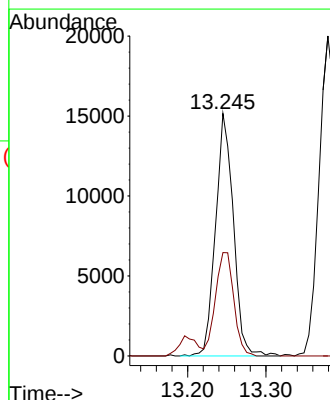
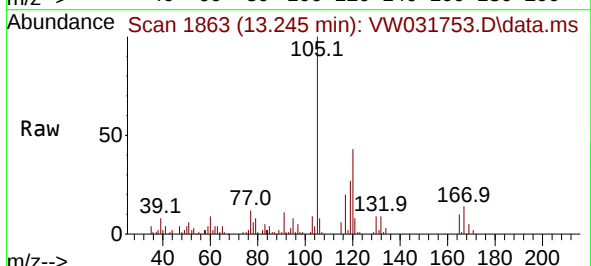
Acq: 02 Jul 2025 12:38

Tgt Ion:105 Resp: 24053

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.250 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

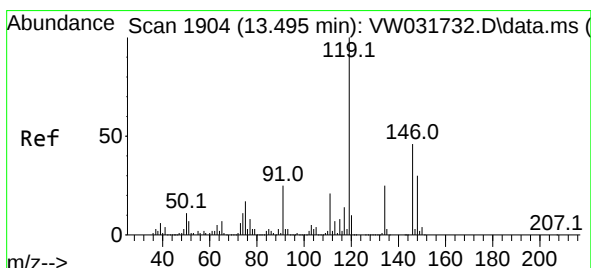
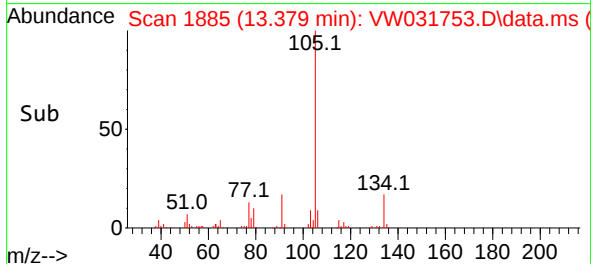
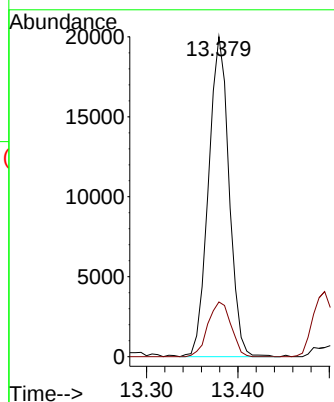
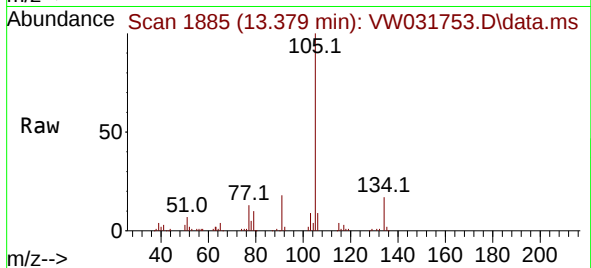
MDL03

Tgt Ion:105 Resp: 31236

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 2.132 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

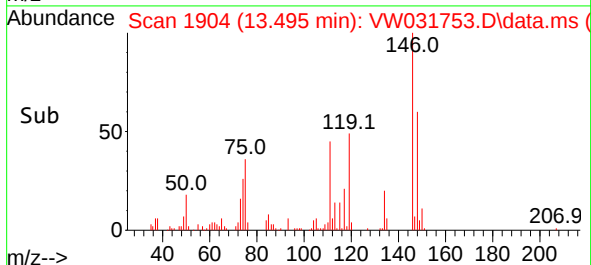
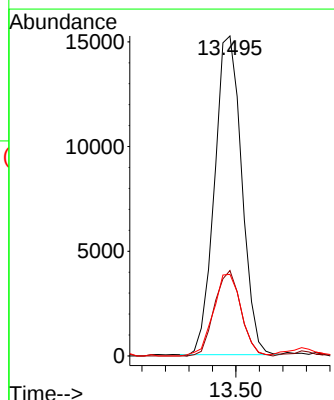
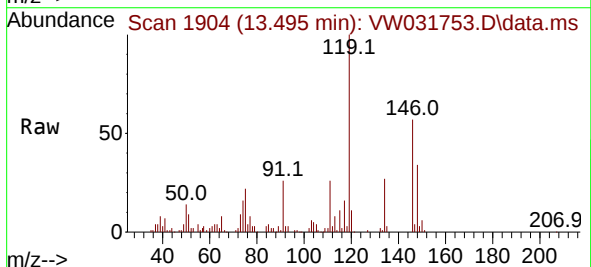
Tgt Ion:119 Resp: 24391

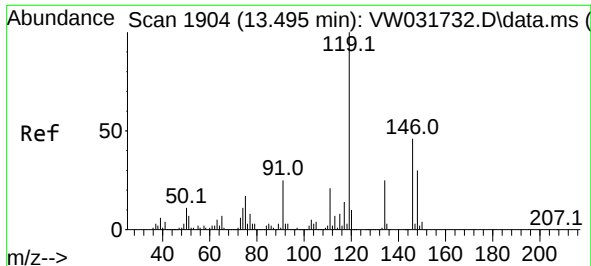
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 26.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 2.507 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

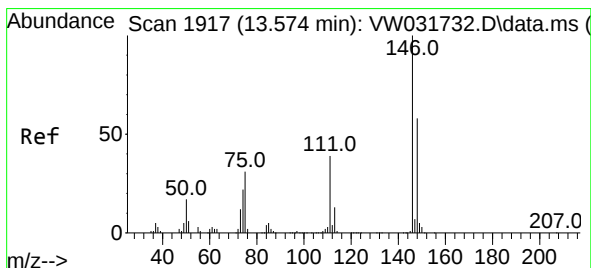
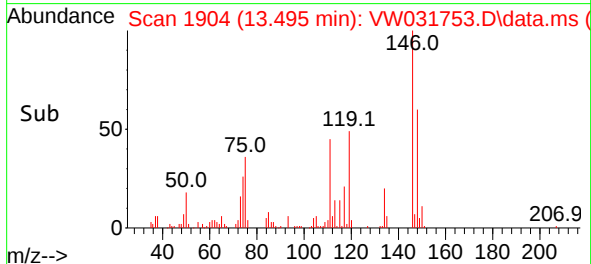
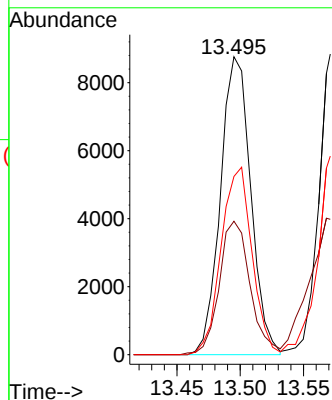
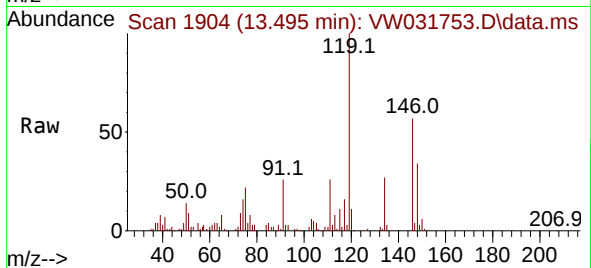
Tgt Ion:146 Resp: 14629

Ion Ratio Lower Upper

146 100

111 45.7 22.3 66.9

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.610 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

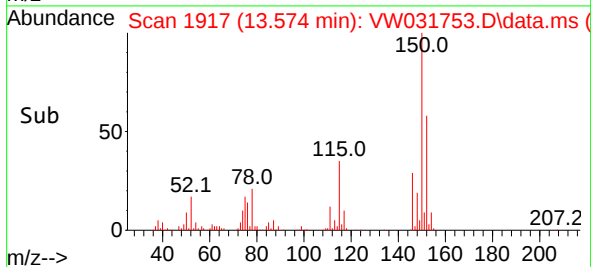
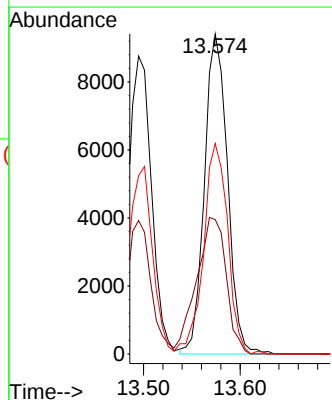
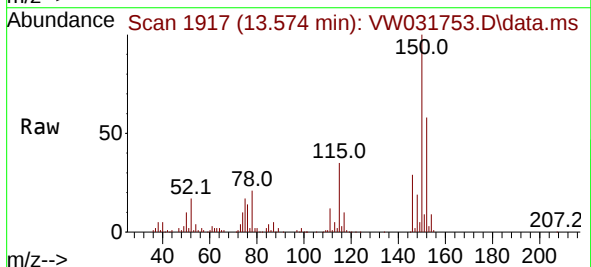
Tgt Ion:146 Resp: 15588

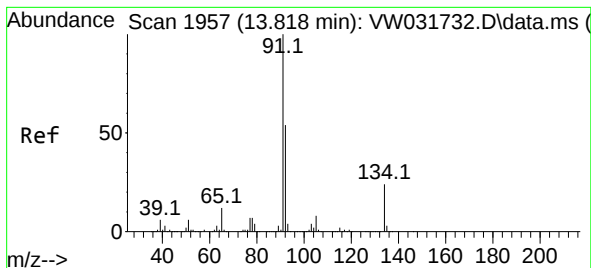
Ion Ratio Lower Upper

146 100

111 54.8 20.4 61.3

148 69.2 30.2 90.6





#89

n-Butylbenzene

Concen: 2.311 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

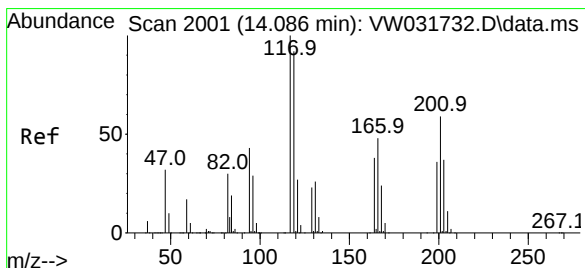
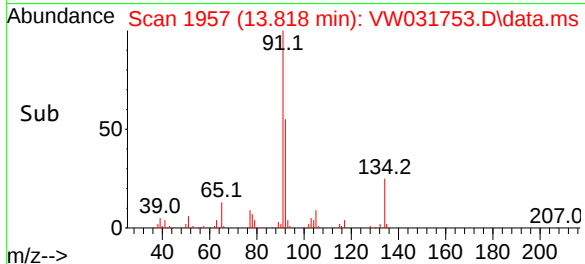
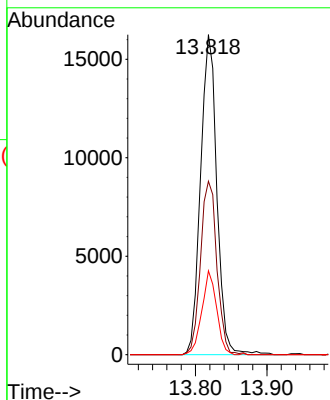
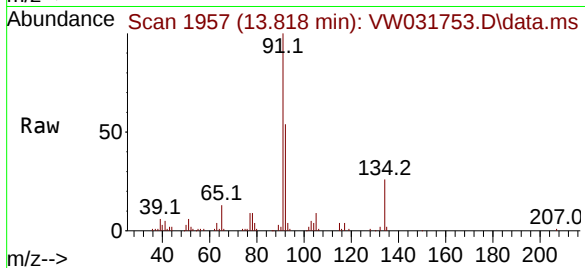
Tgt Ion: 91 Resp: 25691

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 23.7 12.2 36.6



#90

Hexachloroethane

Concen: 2.320 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031753.D

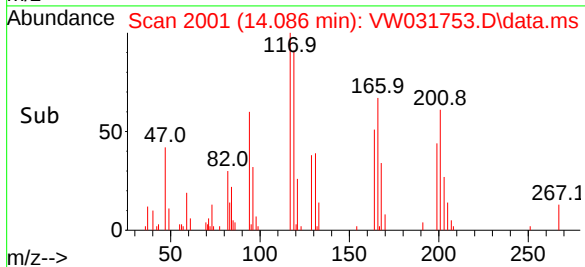
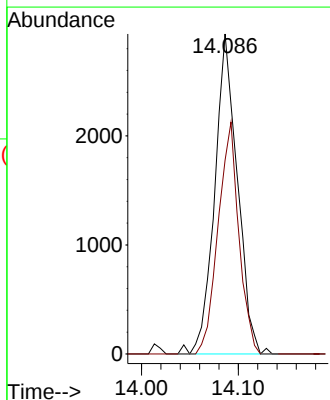
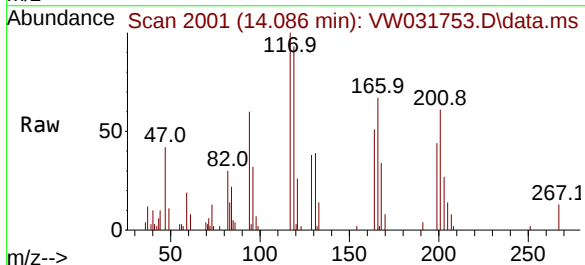
Acq: 02 Jul 2025 12:38

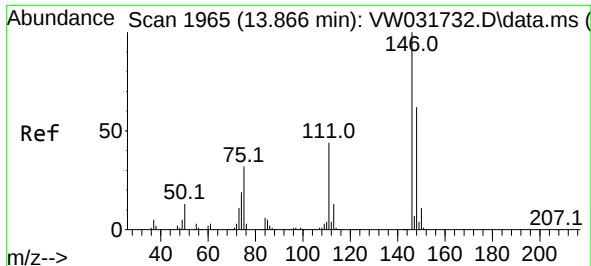
Tgt Ion: 117 Resp: 4790

Ion Ratio Lower Upper

117 100

201 65.9 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 2.342 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

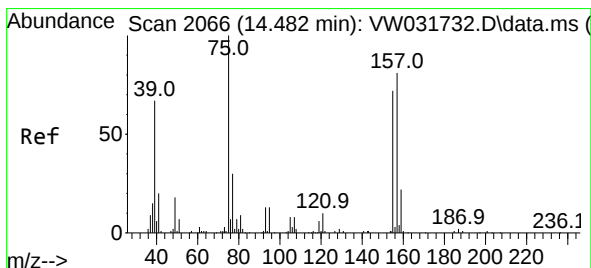
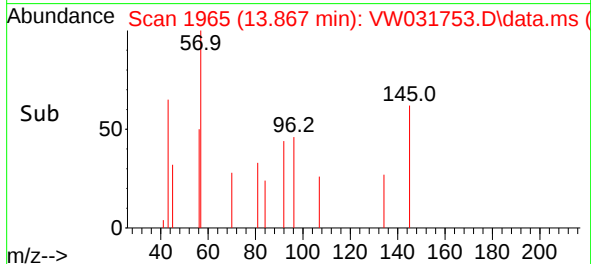
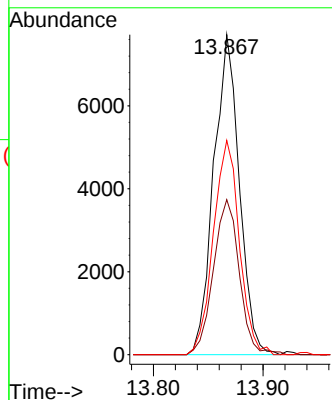
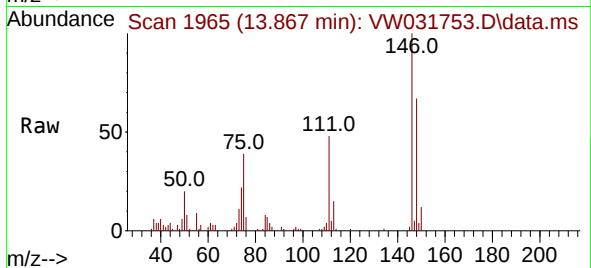
Tgt Ion:146 Resp: 12493

Ion Ratio Lower Upper

146 100

111 49.2 21.7 65.1

148 68.2 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.612 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

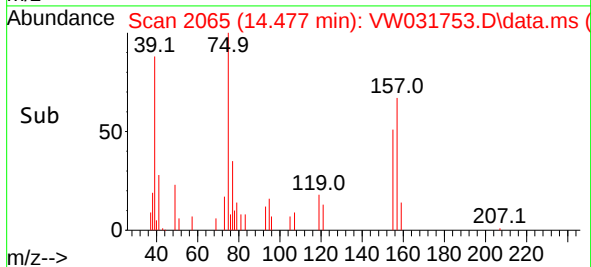
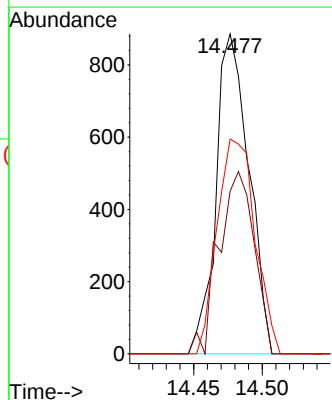
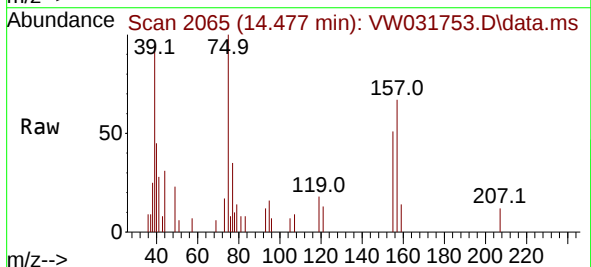
Tgt Ion: 75 Resp: 1477

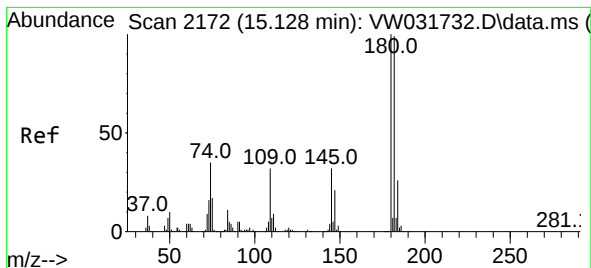
Ion Ratio Lower Upper

75 100

155 61.6 37.2 111.6

157 77.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.415 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

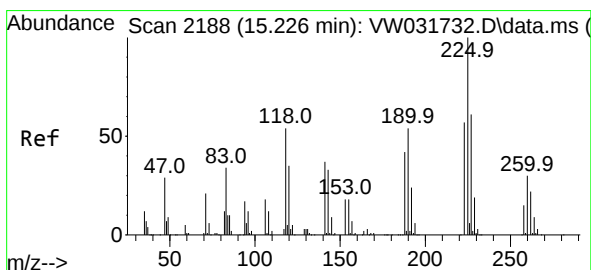
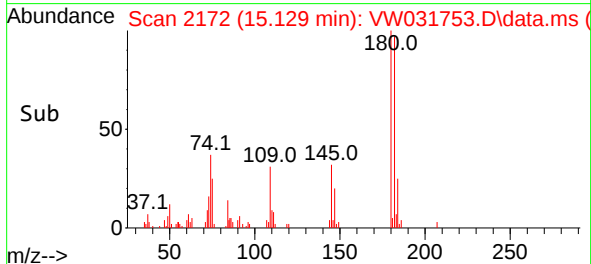
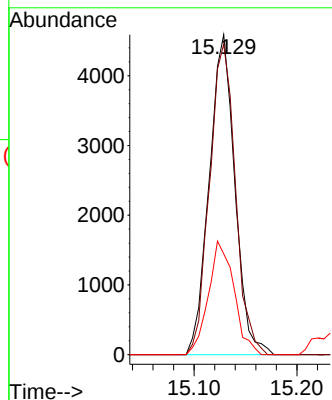
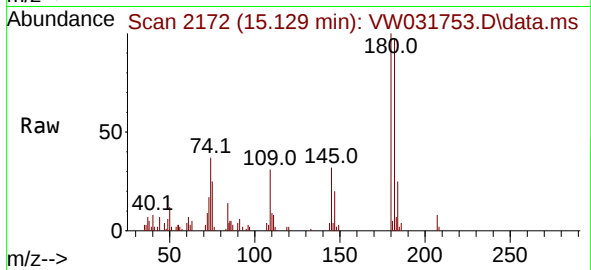
Tgt Ion:180 Resp: 7944

Ion Ratio Lower Upper

180 100

182 97.7 48.6 145.9

145 35.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 2.828 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.007 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

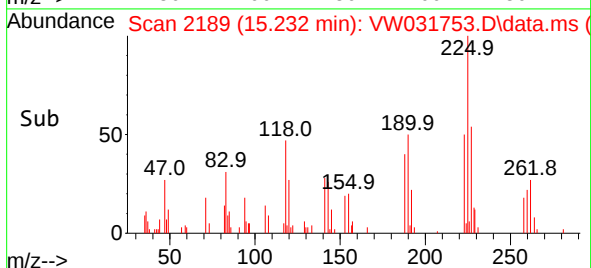
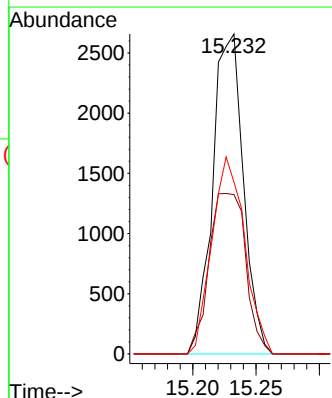
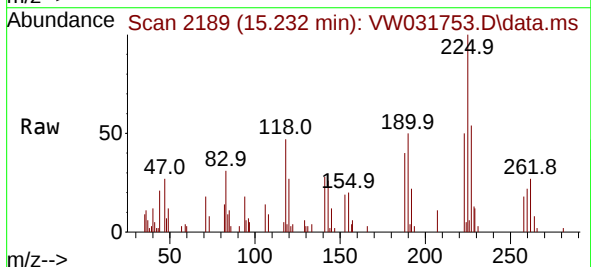
Tgt Ion:225 Resp: 4491

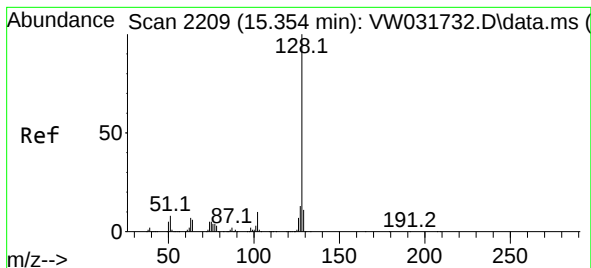
Ion Ratio Lower Upper

225 100

223 59.7 32.6 97.8

227 65.8 37.3 111.8





#95

Naphthalene

Concen: 2.192 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Instrument :

MSVOA_W

ClientSampleId :

MDL03

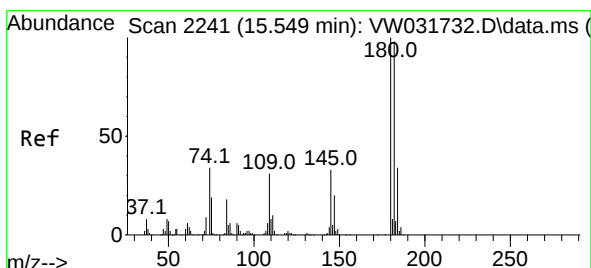
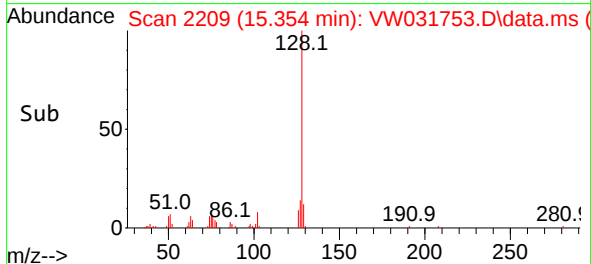
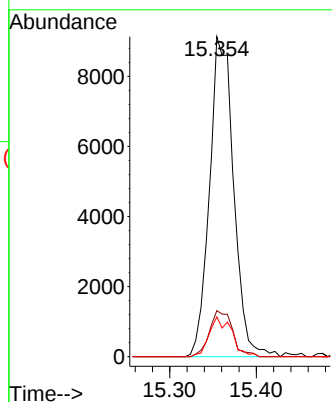
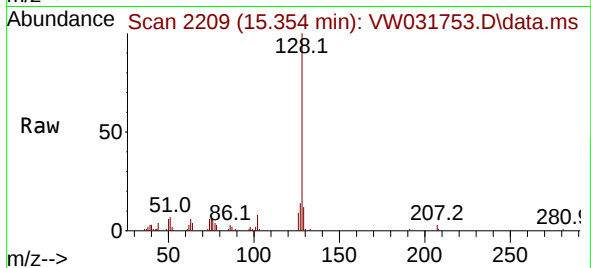
Tgt Ion:128 Resp: 17674

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.437 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031753.D

Acq: 02 Jul 2025 12:38

Tgt Ion:180 Resp: 7364

Ion Ratio Lower Upper

180 100

182 90.5 46.4 139.1

145 34.2 17.8 53.3

