

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032438.D
 Acq On : 12 Nov 2025 14:17
 Operator : SY/MD
 Sample : VW1112SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

Quant Time: Nov 14 05:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

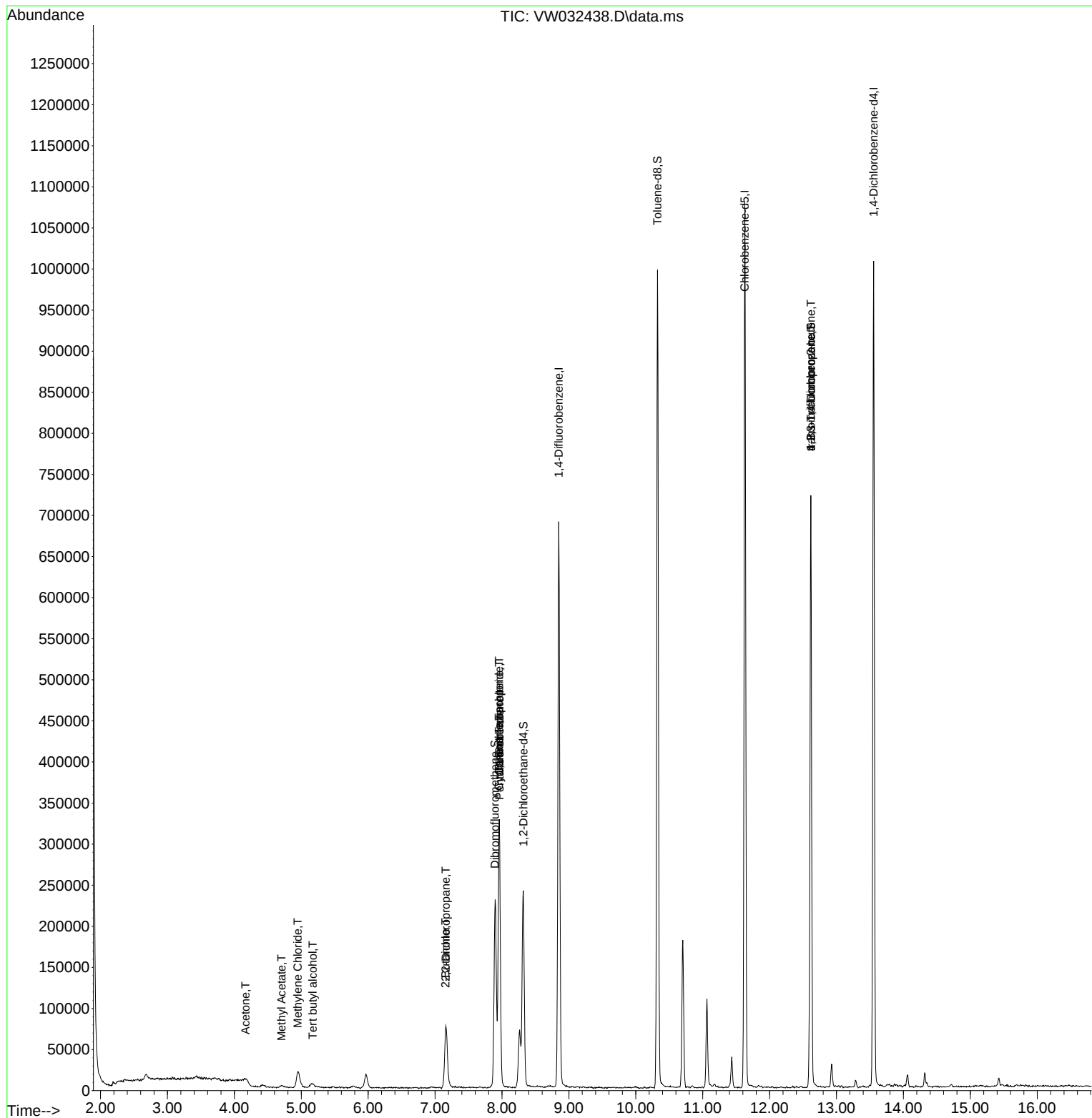
Internal Standards						
1) Pentafluorobenzene	7.965	168	230899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	567367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	585789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	258554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192385	64.627	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 129.260%		
35) Dibromofluoromethane	7.892	113	174196	51.280	ug/l	-0.01
Spiked Amount	50.000	Range 70 - 134	Recovery	= 102.560%		
50) Toluene-d8	10.325	98	650275	49.899	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.800%		
62) 4-Bromofluorobenzene	12.617	95	248115	50.400	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 100.800%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	6026	23.410	ug/l #	76
16) Acetone	4.167	43	3397	3.814	ug/l #	73
18) Methyl Acetate	4.704	43	5464	2.478	ug/l #	79
20) Methylene Chloride	4.947	84	16498	5.180	ug/l	96
25) 2-Butanone	7.154	43	4360	3.323	ug/l #	79
26) 2,2-Dichloropropane	7.160	77	5771	1.945	ug/l #	52
31) Cyclohexane	7.953	56	6150	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	21840	4.364	ug/l #	50
38) Carbon Tetrachloride	7.959	117	25151	5.655	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	123732	34.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	123732	79.939	ug/l #	11

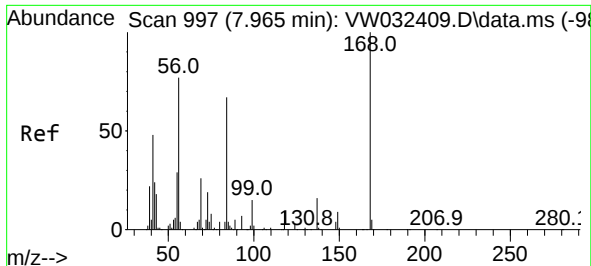
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
Data File : VW032438.D
Acq On : 12 Nov 2025 14:17
Operator : SY/MD
Sample : VW1112SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

Quant Time: Nov 14 05:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

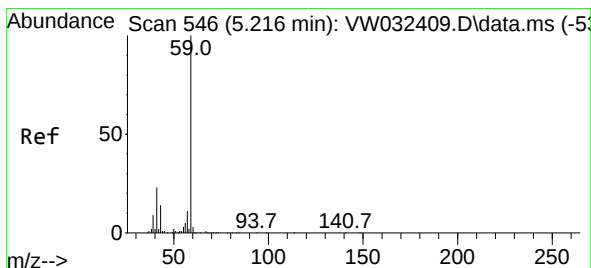
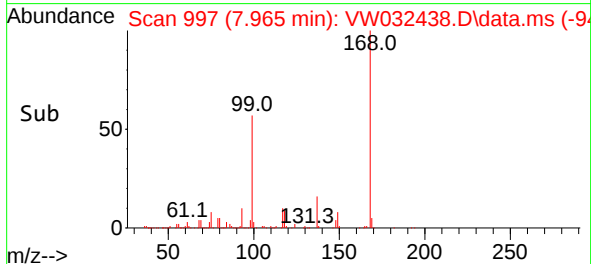
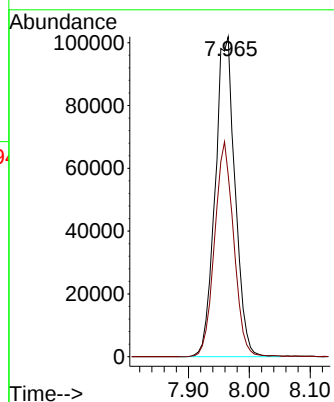
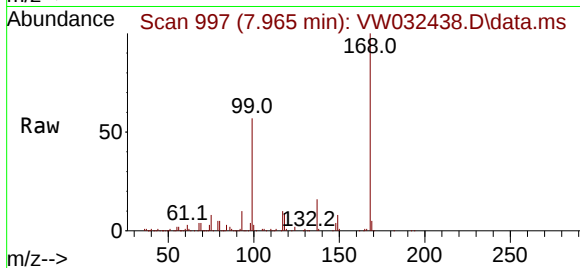




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

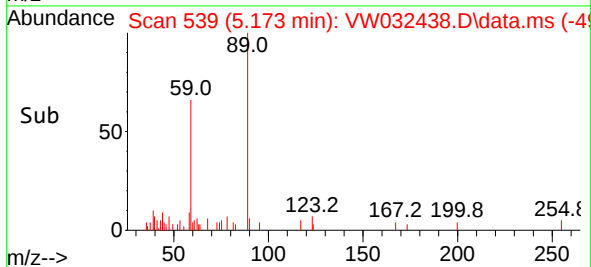
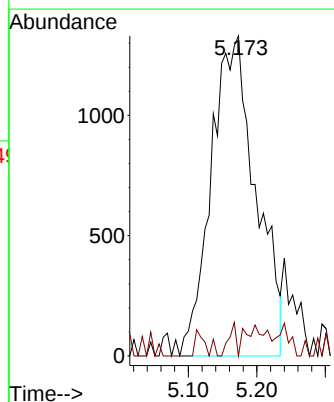
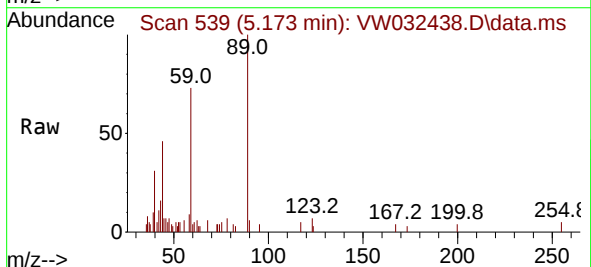
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

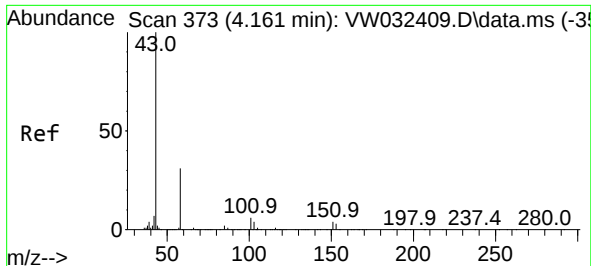
Tgt Ion:168 Resp: 230899
Ion Ratio Lower Upper
168 100
99 56.8 45.4 68.2



#11
Tert butyl alcohol
Concen: 23.410 ug/l
RT: 5.173 min Scan# 539
Delta R.T. -0.043 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 59 Resp: 6026
Ion Ratio Lower Upper
59 100
57 1.6 8.6 12.8#

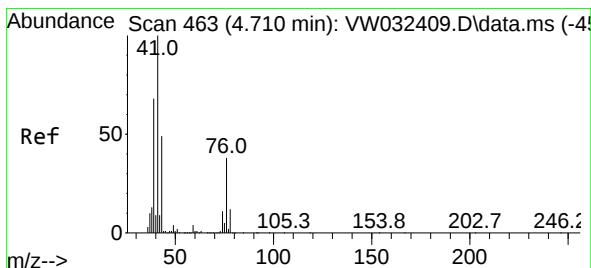
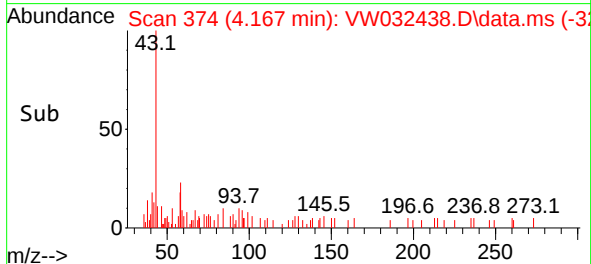
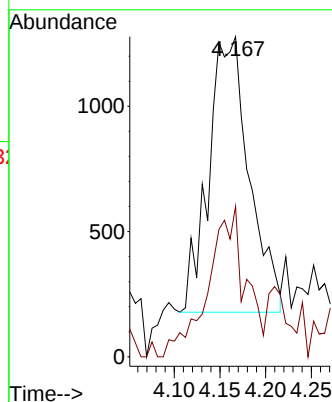
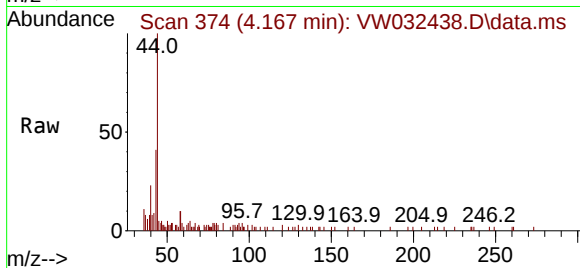




#16
Acetone
Concen: 3.814 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

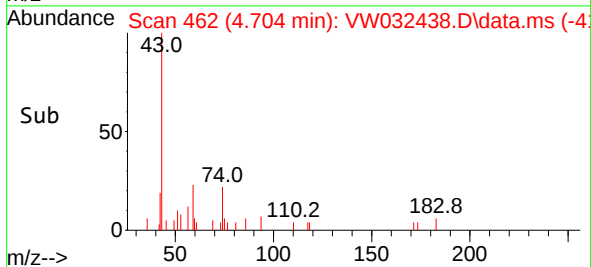
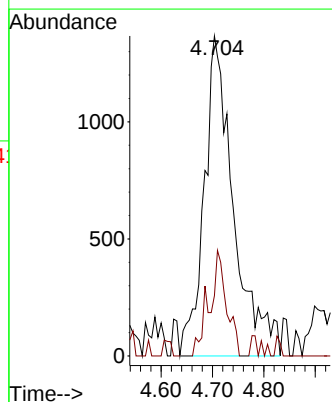
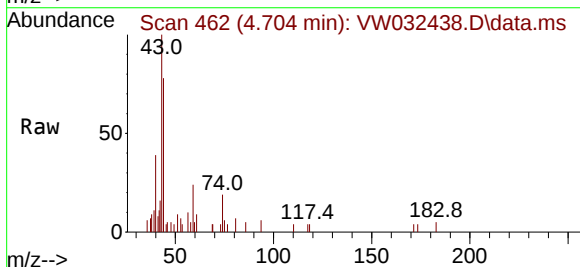
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

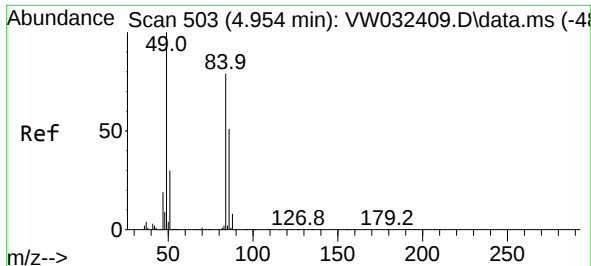
Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
58 45.9 24.8 37.2#



#18
Methyl Acetate
Concen: 2.478 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
74 13.3 18.9 28.3#

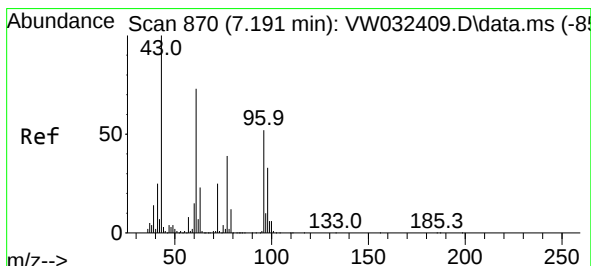
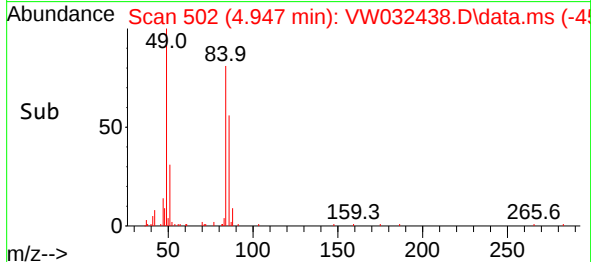
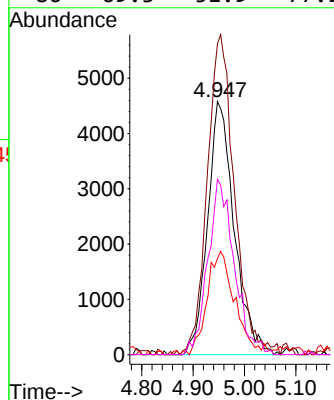
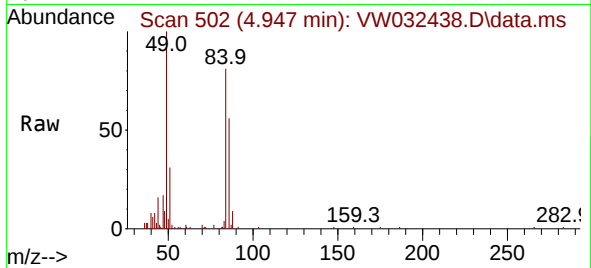




#20
Methylene Chloride
Concen: 5.180 ug/l
RT: 4.947 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

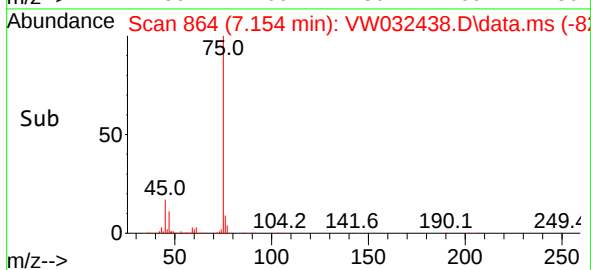
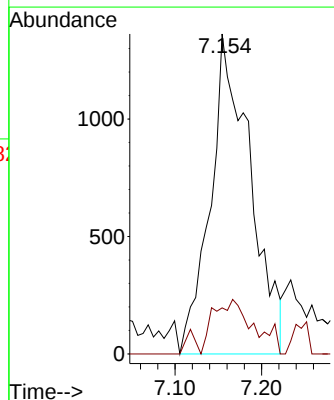
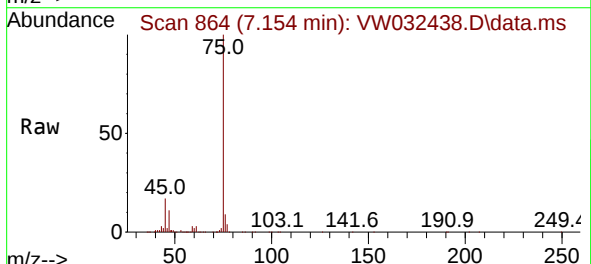
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

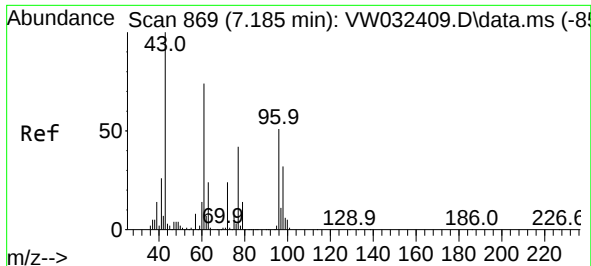
Tgt Ion:	84	Resp:	16498
Ion	Ratio	Lower	Upper
84	100		
49	122.9	101.5	152.3
51	38.1	30.6	46.0
86	69.3	51.9	77.9



#25
2-Butanone
Concen: 3.323 ug/l
RT: 7.154 min Scan# 864
Delta R.T. -0.037 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion:	43	Resp:	4360
Ion	Ratio	Lower	Upper
43	100		
72	14.4	20.0	30.0#

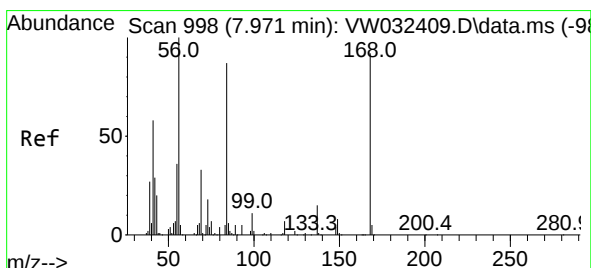
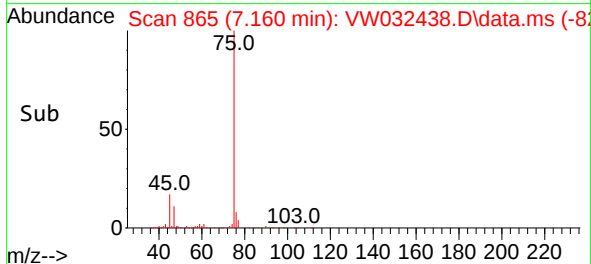
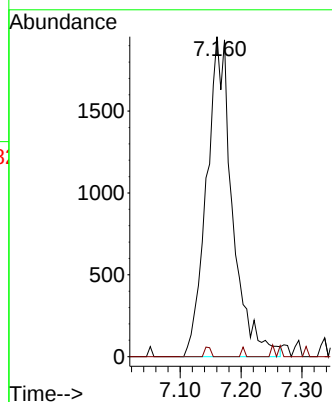
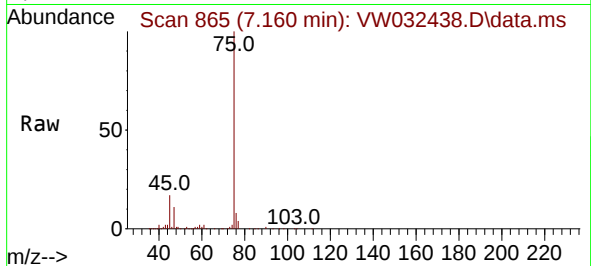




#26
2,2-Dichloropropane
Concen: 1.945 ug/l
RT: 7.160 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

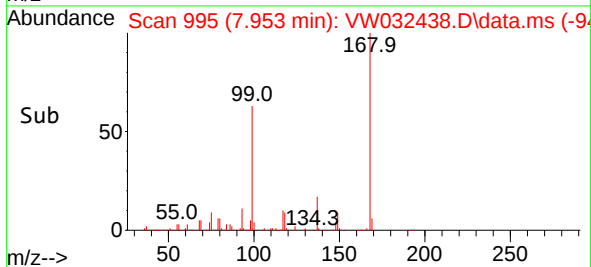
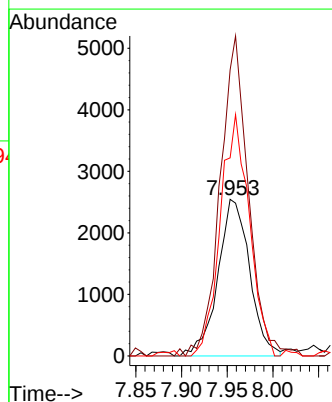
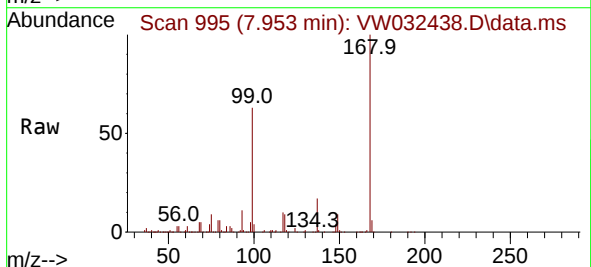
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

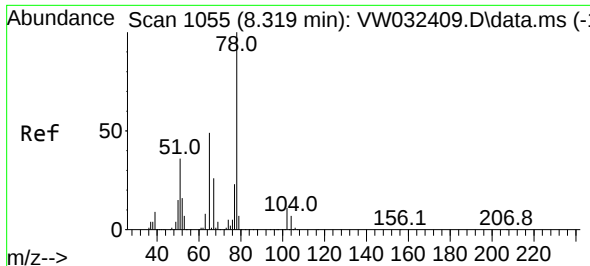
Tgt Ion: 77 Resp: 5771
Ion Ratio Lower Upper
77 100
97 0.7 12.3 36.8#



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 56 Resp: 6150
Ion Ratio Lower Upper
56 100
69 178.0 26.5 39.7#
84 126.5 69.6 104.4#

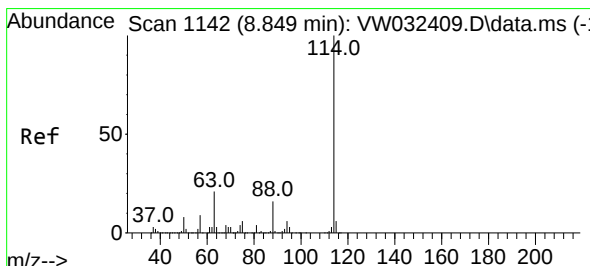
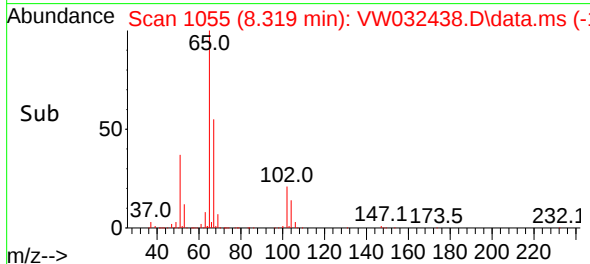
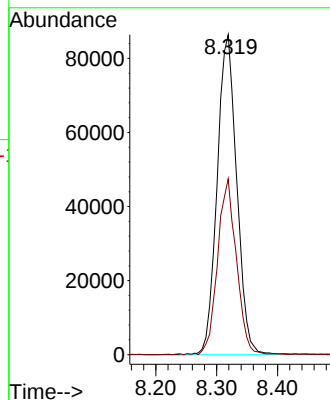
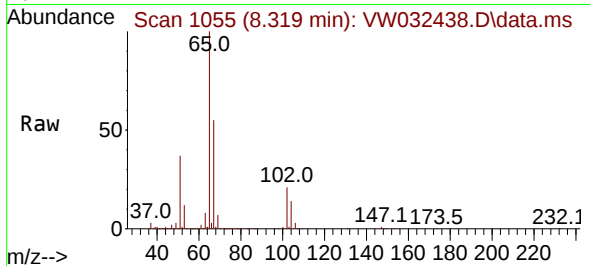




#33
 1,2-Dichloroethane-d4
 Concen: 64.627 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032438.D
 Acq: 12 Nov 2025 14:17

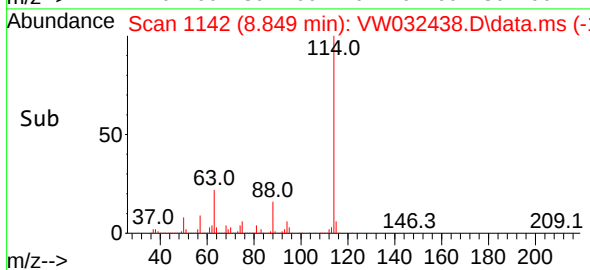
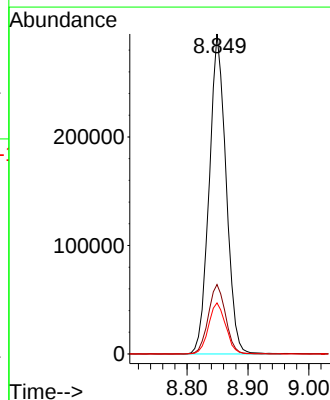
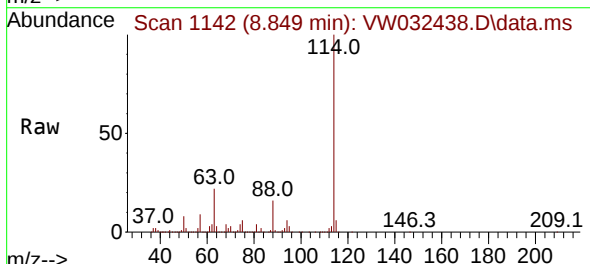
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

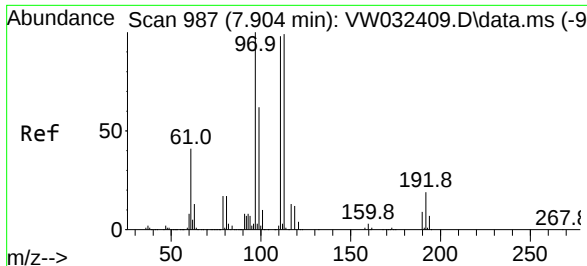
Tgt Ion: 65 Resp: 192385
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032438.D
 Acq: 12 Nov 2025 14:17

Tgt Ion: 114 Resp: 567367
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 16.0 0.0 32.6

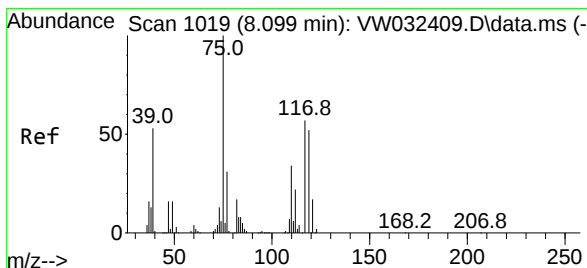
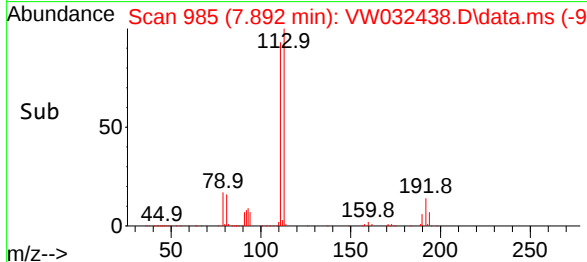
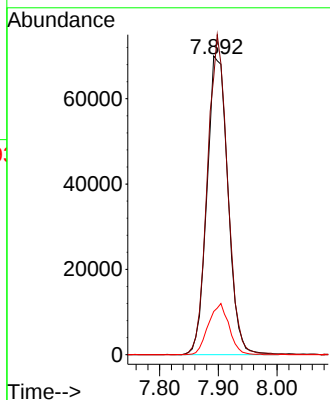
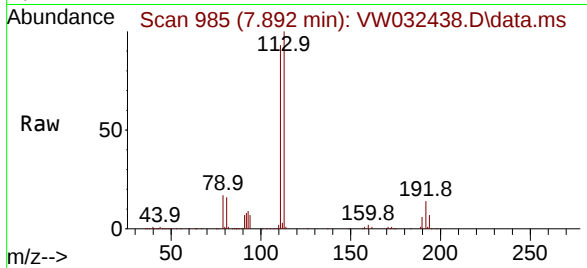




#35
 Dibromofluoromethane
 Concen: 51.280 ug/l
 RT: 7.892 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: VW032438.D
 Acq: 12 Nov 2025 14:17

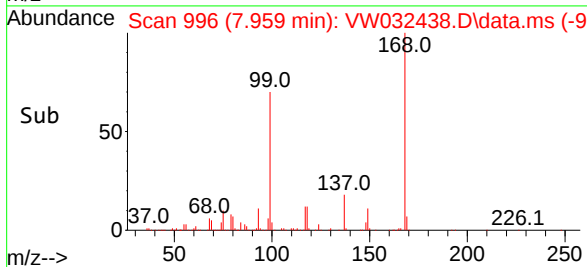
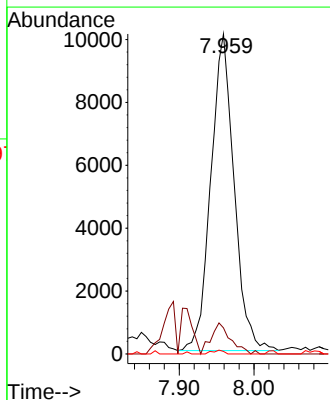
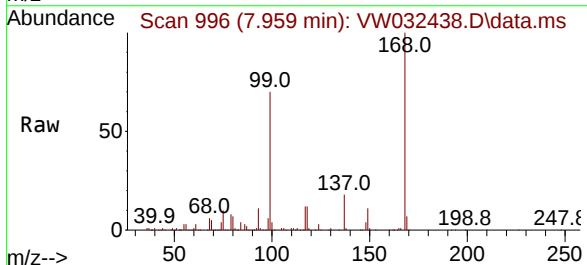
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

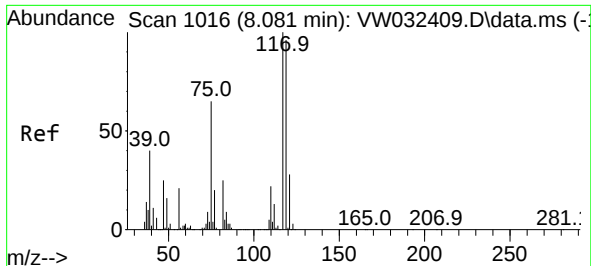
Tgt Ion:113 Resp: 174196
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 16.8 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 4.364 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032438.D
 Acq: 12 Nov 2025 14:17

Tgt Ion: 75 Resp: 21840
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.5#
 77 0.6 24.5 36.7#

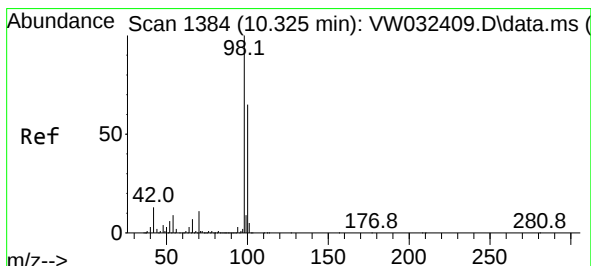
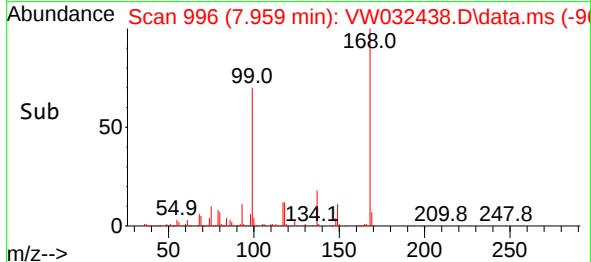
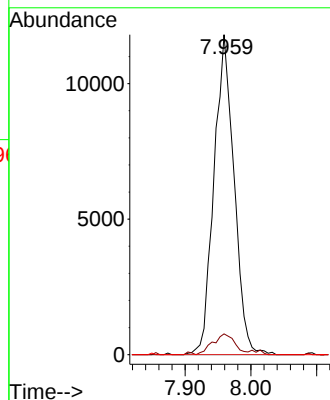
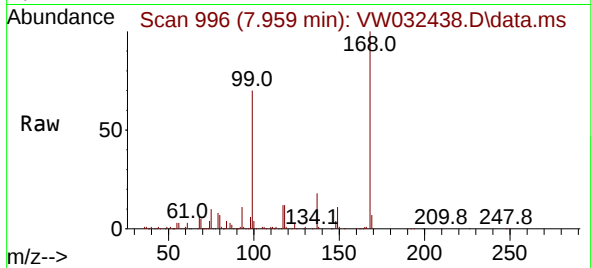




#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

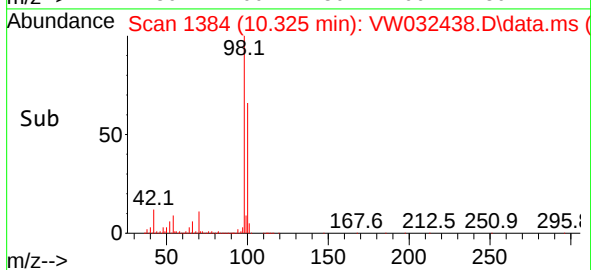
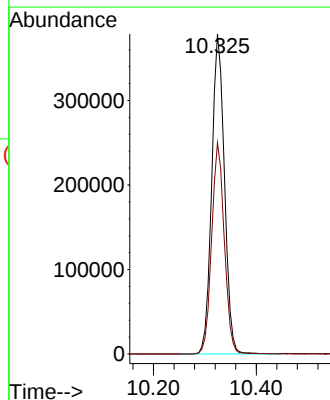
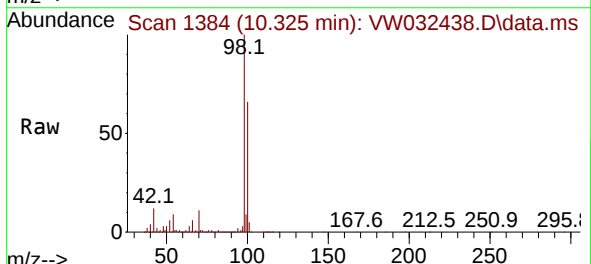
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

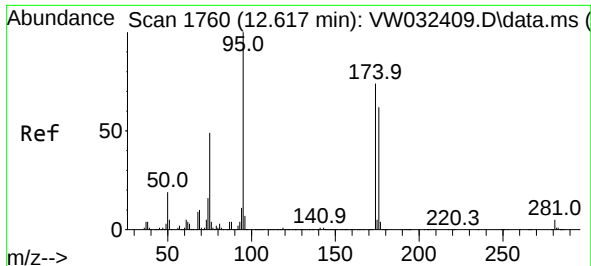
Tgt Ion:117 Resp: 25151
Ion Ratio Lower Upper
117 100
119 6.5 77.0 115.4#
121 0.0 22.0 33.0#



#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 98 Resp: 650275
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9

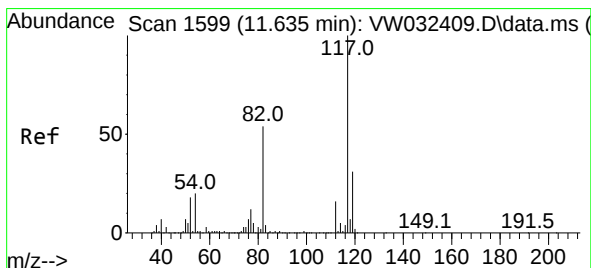
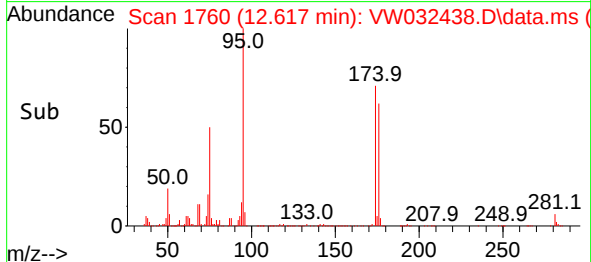
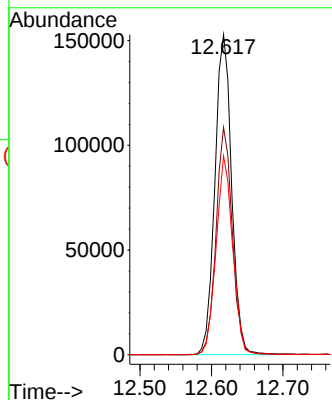
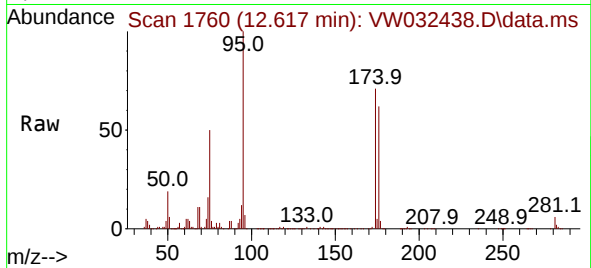




#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

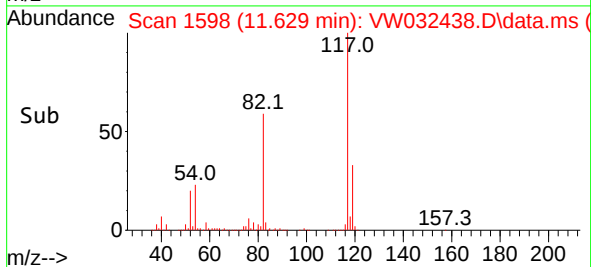
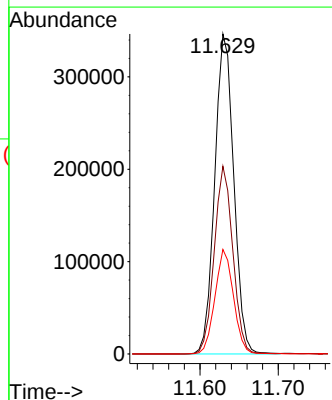
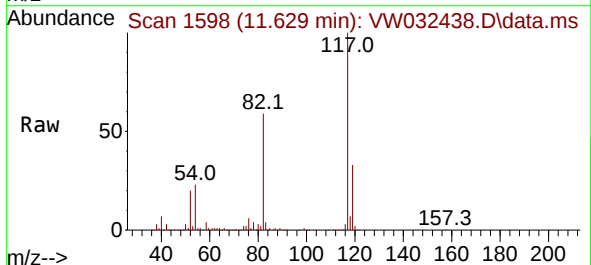
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

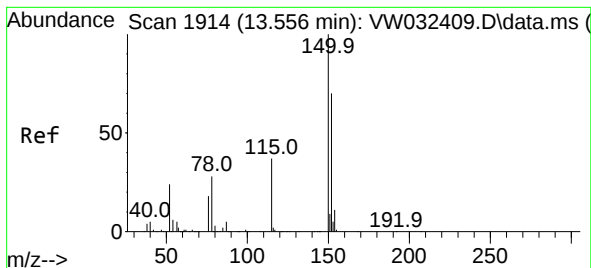
Tgt Ion: 95 Resp: 248115
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.4
176 62.0 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 117 Resp: 585789
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 32.6 25.0 37.6

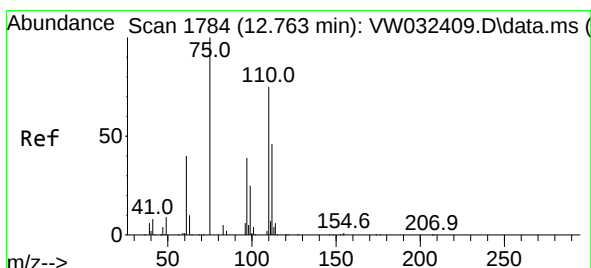
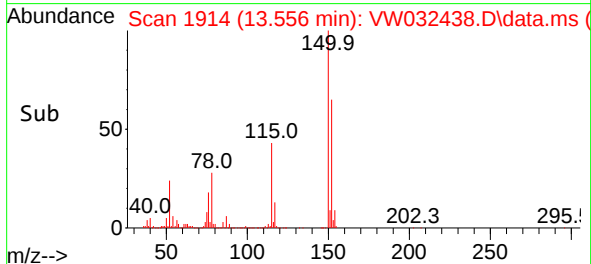
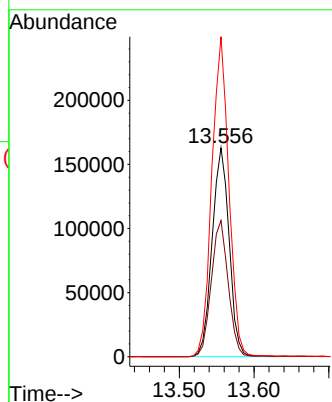
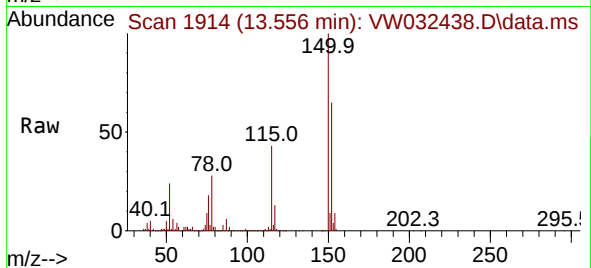




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

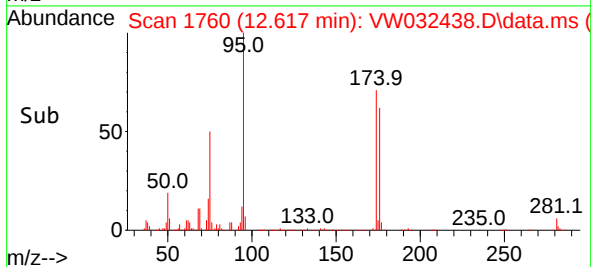
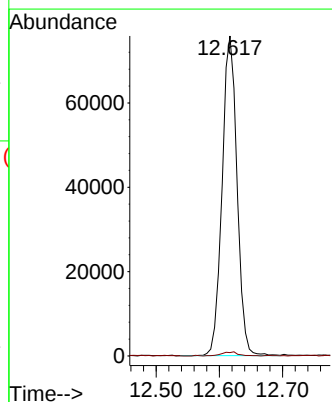
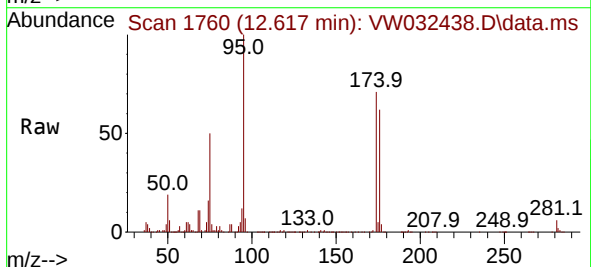
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

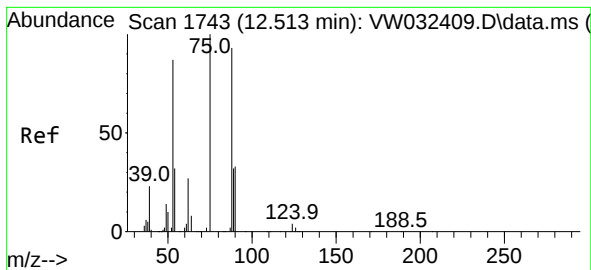
Tgt Ion:152 Resp: 258554
Ion Ratio Lower Upper
152 100
115 64.9 32.8 98.3
150 153.3 0.0 356.6



#76
1,2,3-Trichloropropane
Concen: 34.901 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 75 Resp: 123732
Ion Ratio Lower Upper
75 100
77 1.5 151.6 454.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.939 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032438.D
 Acq: 12 Nov 2025 14:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

Tgt Ion: 75 Resp: 123732
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.2 35.6 53.4#

