

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031759.D
 Acq On : 03 Jul 2025 10:45
 Operator : SY/MD
 Sample : VW0703SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBL01

Quant Time: Jul 04 04:50:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

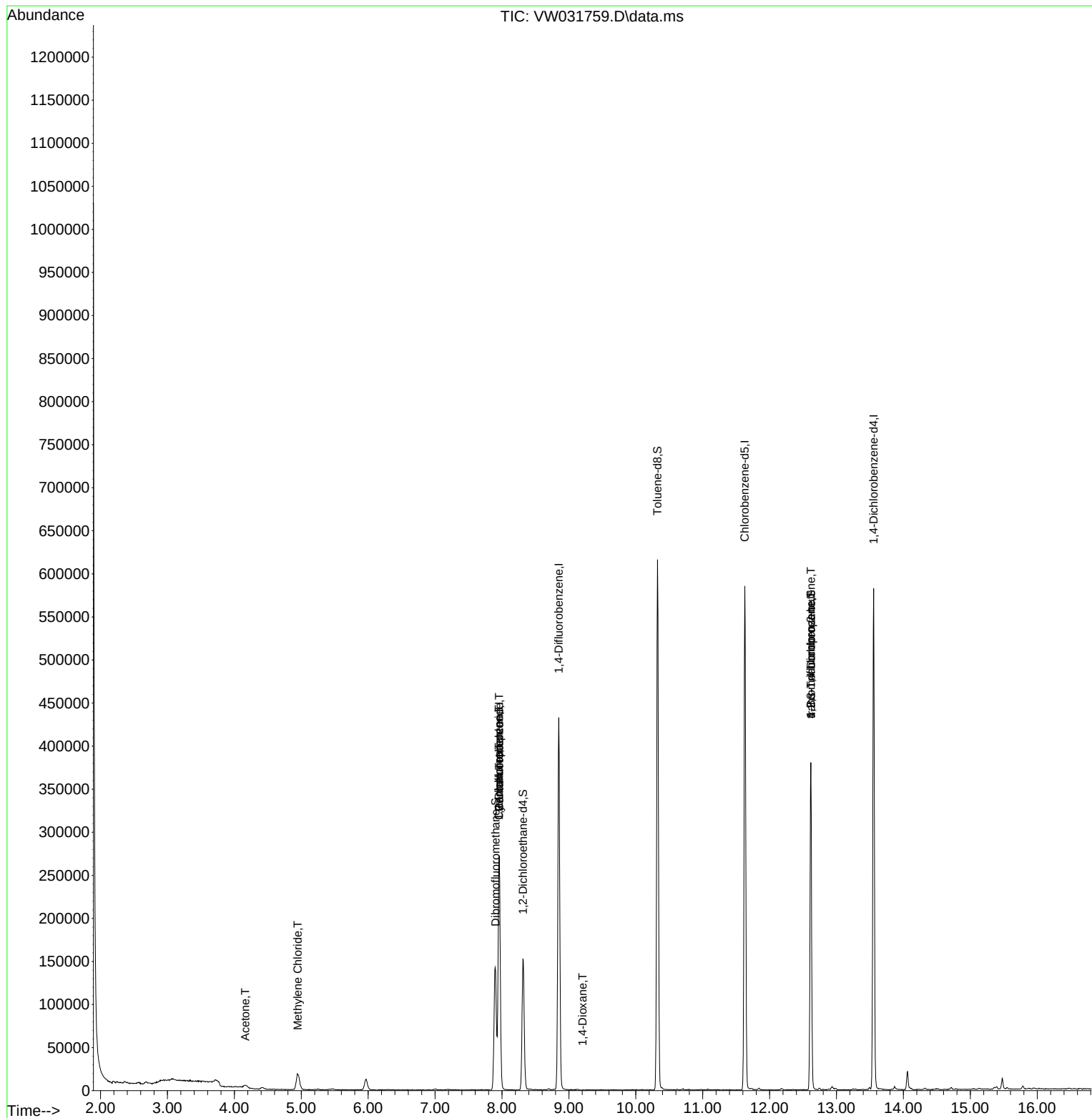
Internal Standards						
1) Pentafluorobenzene	7.959	168	190641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	354376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	316436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	146308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	128543	46.984	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.960%		
35) Dibromofluoromethane	7.904	113	109142	47.197	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.400%		
50) Toluene-d8	10.325	98	405403	47.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.617	95	133228	42.069	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	84.140%		
Target Compounds					Qvalue	
16) Acetone	4.161	43	4364	6.453	ug/l	98
20) Methylene Chloride	4.948	84	15782	1.612	ug/l	93
31) Cyclohexane	7.953	56	4874	1.251	ug/l #	11
36) 1,1-Dichloropropene	7.953	75	16773	5.012	ug/l #	50
38) Carbon Tetrachloride	7.959	117	21478	6.299	ug/l #	17
49) 1,4-Dioxane	9.203	88	50	2.764	ug/l #	13
76) 1,2,3-Trichloropropane	12.617	75	70231	37.145	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	70231	86.517	ug/l #	8

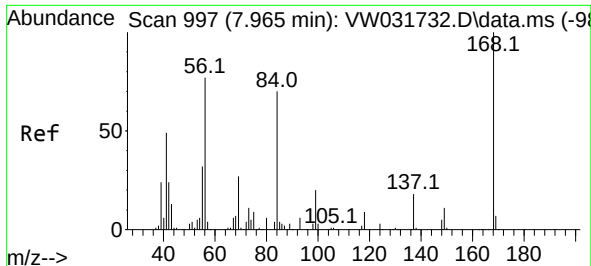
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 04 04:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

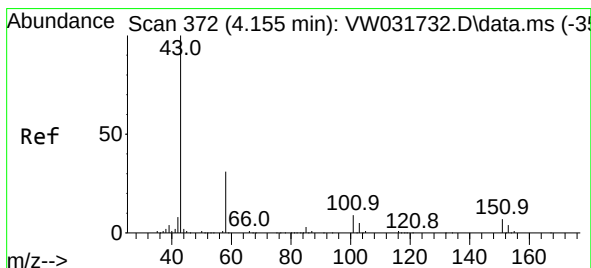
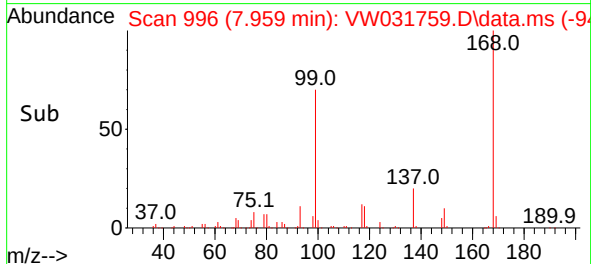
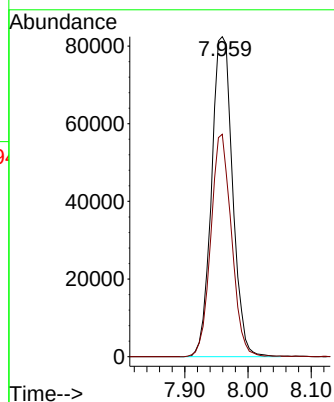
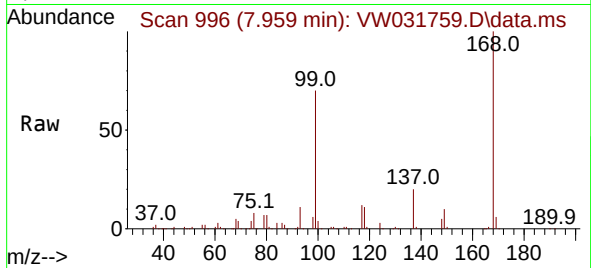




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

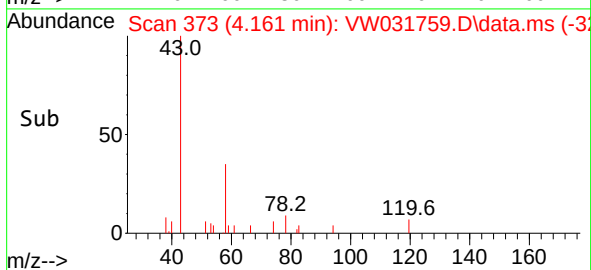
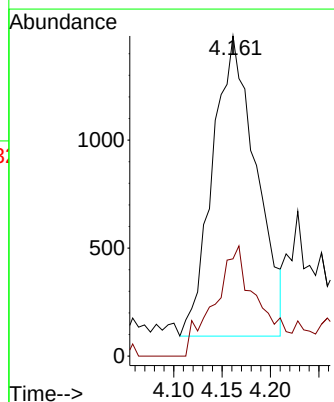
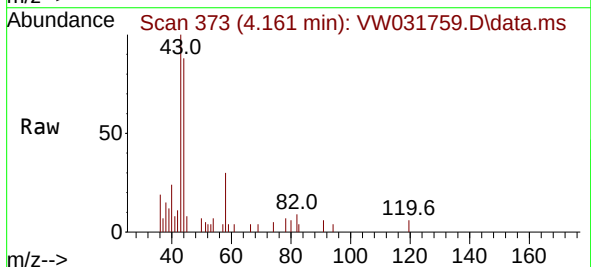
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

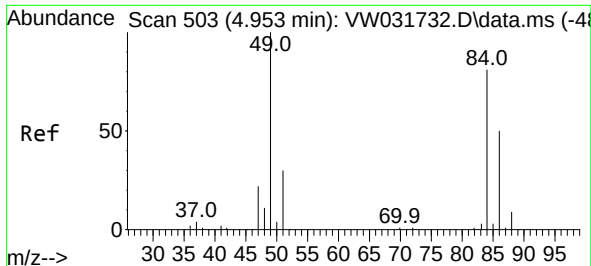
Tgt Ion:168 Resp: 190641
Ion Ratio Lower Upper
168 100
99 69.5 49.4 74.2



#16
Acetone
Concen: 6.453 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion: 43 Resp: 4364
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2

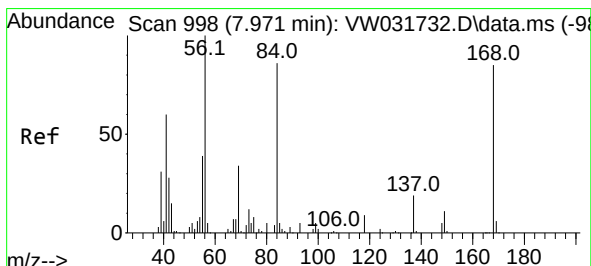
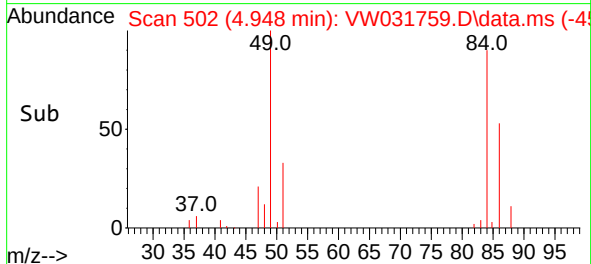
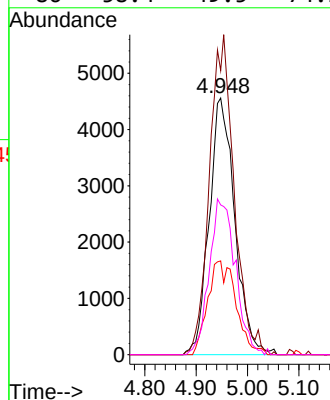
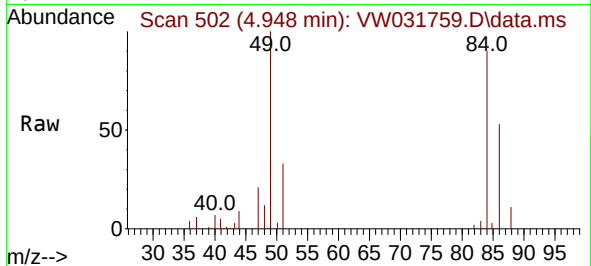




#20
Methylene Chloride
Concen: 1.612 ug/l
RT: 4.948 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

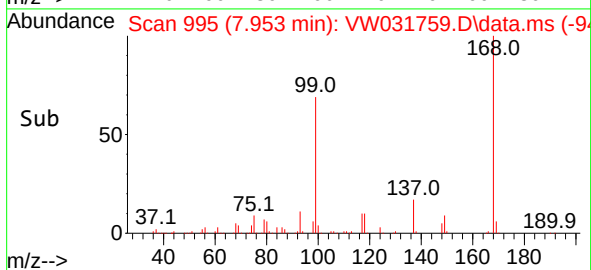
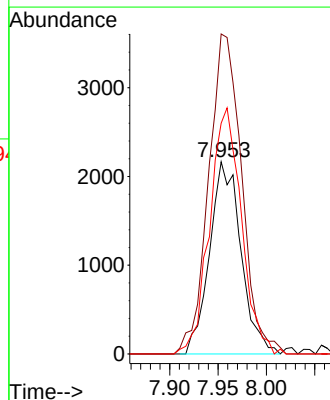
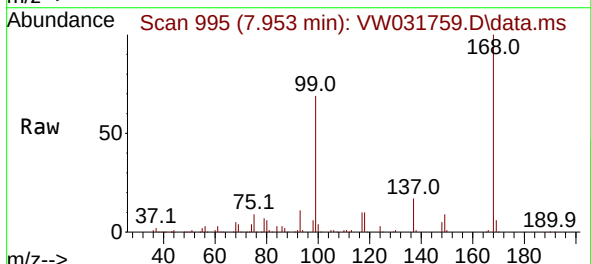
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

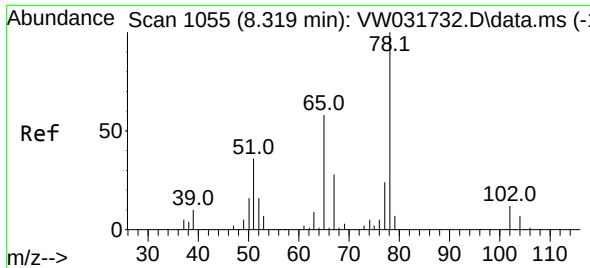
Tgt Ion:	84	Resp:	15782
Ion	Ratio	Lower	Upper
84	100		
49	110.7	98.2	147.4
51	36.6	29.8	44.8
86	58.4	49.5	74.3



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion:	56	Resp:	4874
Ion	Ratio	Lower	Upper
56	100		
69	163.5	27.2	40.8#
84	117.7	68.5	102.7#

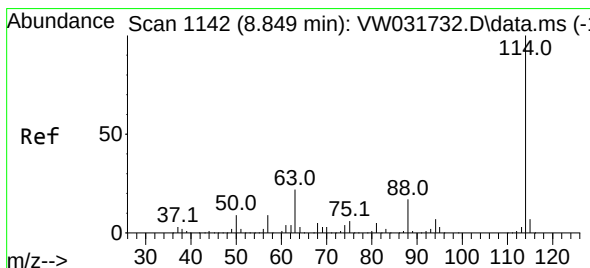
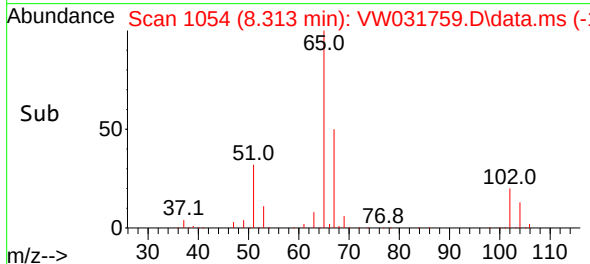
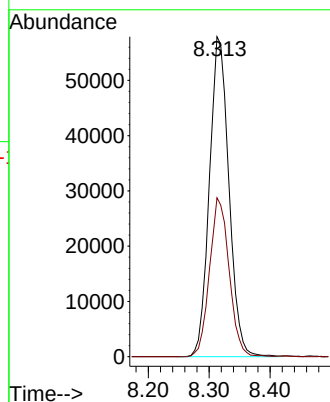
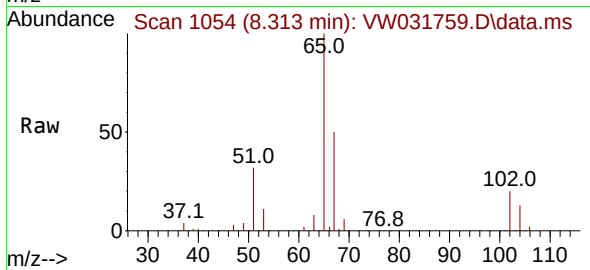




#33
1,2-Dichloroethane-d4
Concen: 46.984 ug/l
RT: 8.313 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

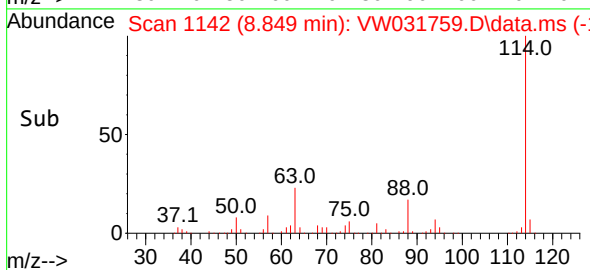
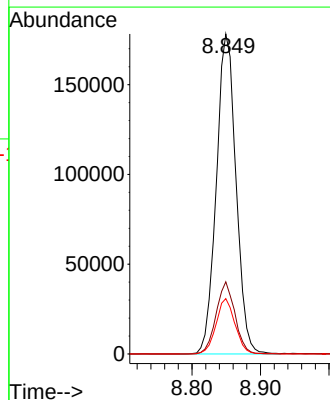
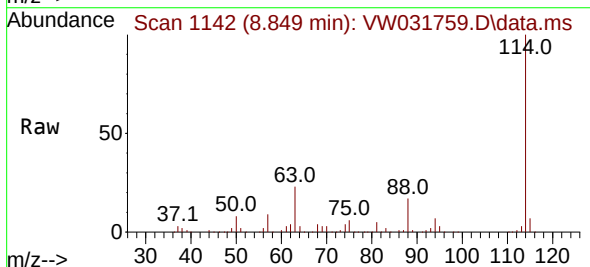
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

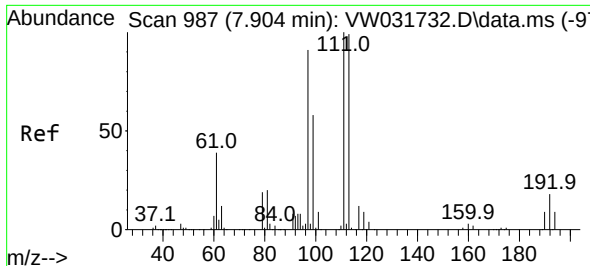
Tgt Ion: 65 Resp: 128543
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion:114 Resp: 354376
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.6
88 17.3 0.0 34.2

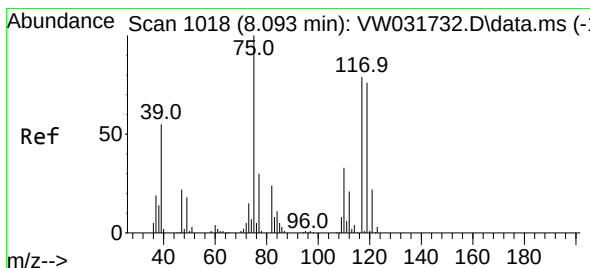
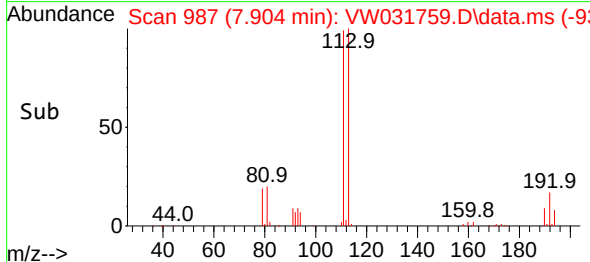
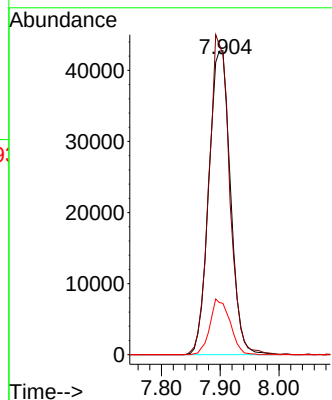
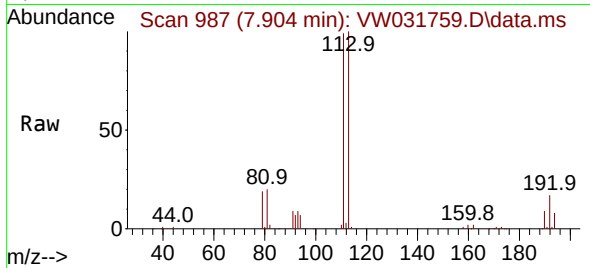




#35
Dibromofluoromethane
Concen: 47.197 ug/l
RT: 7.904 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

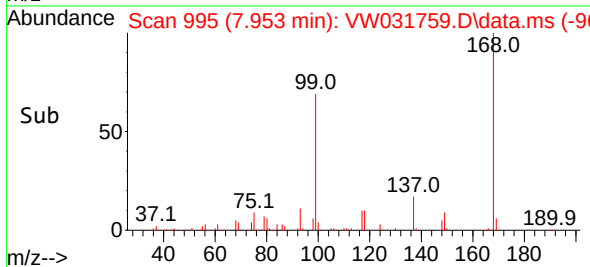
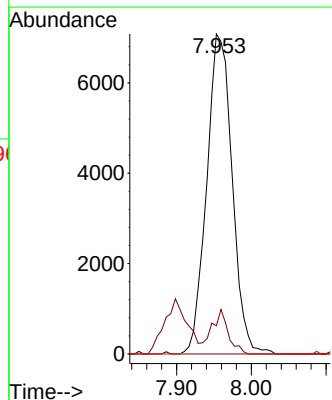
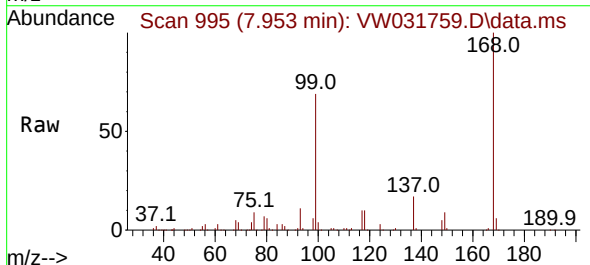
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

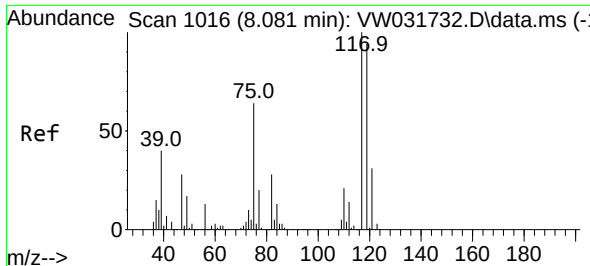
Tgt Ion:113 Resp: 109142
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.140 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

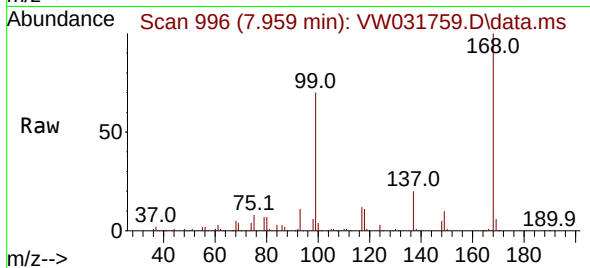
Tgt Ion: 75 Resp: 16773
Ion Ratio Lower Upper
75 100
110 8.8 16.8 50.4#
77 0.0 25.0 37.6#



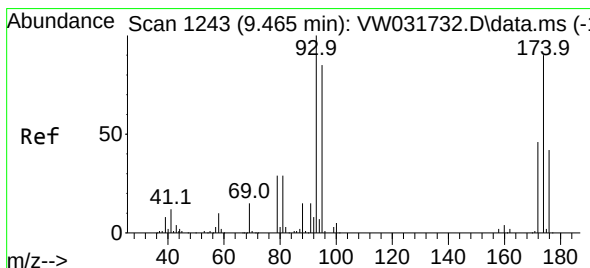
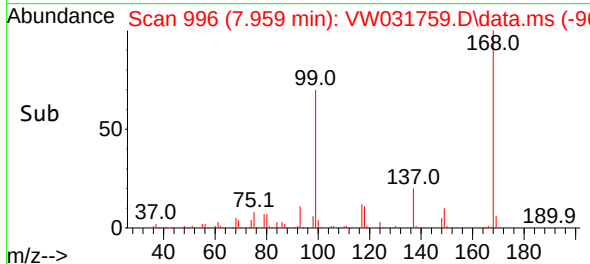
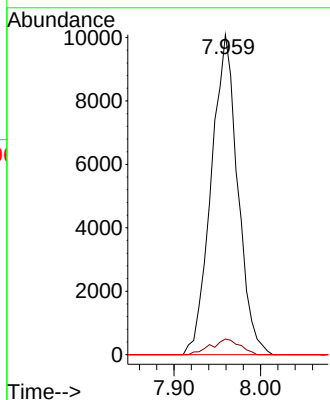


#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 7.959 min Scan# 91
Delta R.T. -0.122 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

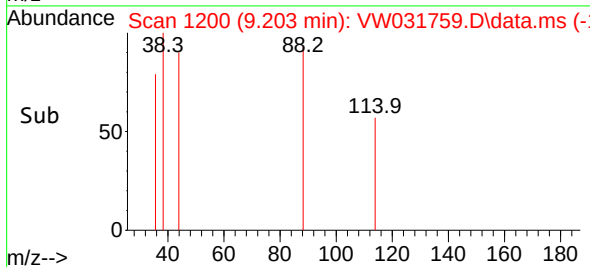
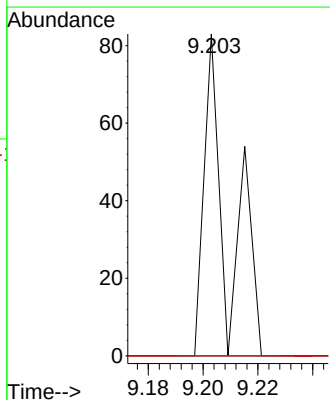
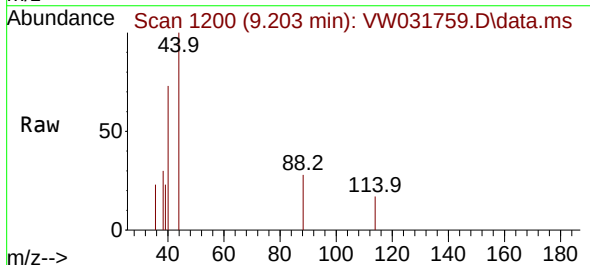


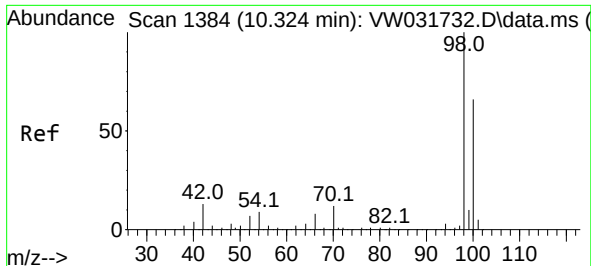
Tgt Ion:117 Resp: 21478
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 2.764 ug/l
RT: 9.203 min Scan# 1200
Delta R.T. -0.262 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 58.3 87.5#

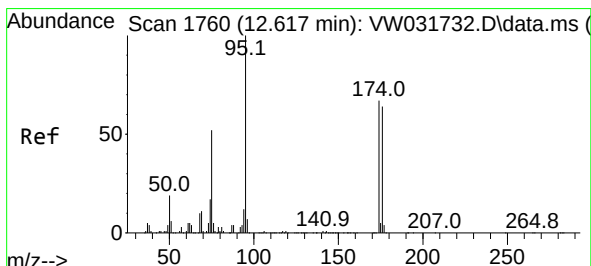
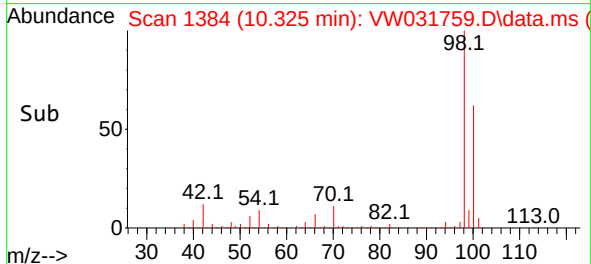
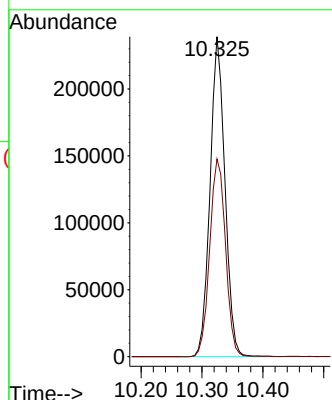
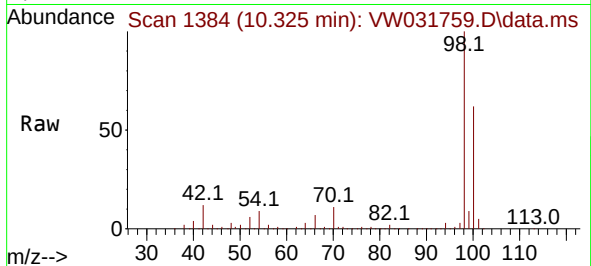




#50
Toluene-d8
Concen: 47.109 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

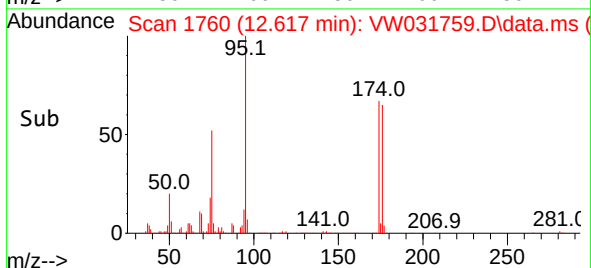
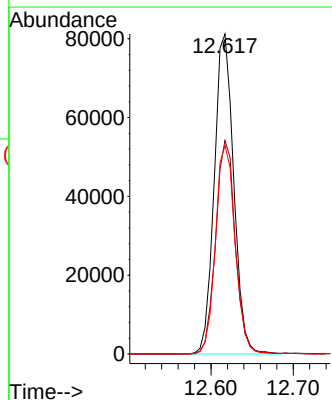
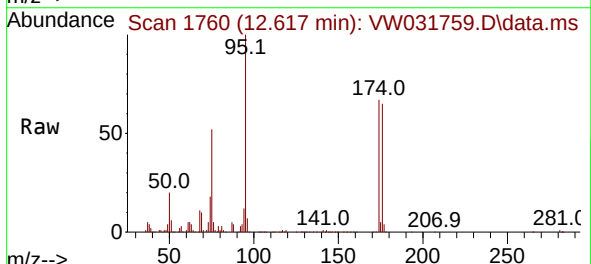
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

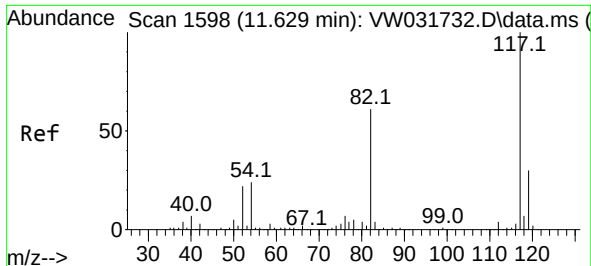
Tgt Ion: 98 Resp: 405403
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.069 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion: 95 Resp: 133228
Ion Ratio Lower Upper
95 100
174 67.3 0.0 133.8
176 65.8 0.0 126.0

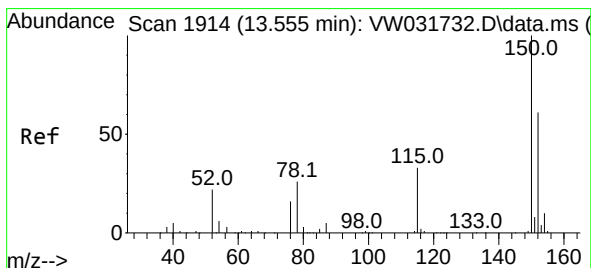
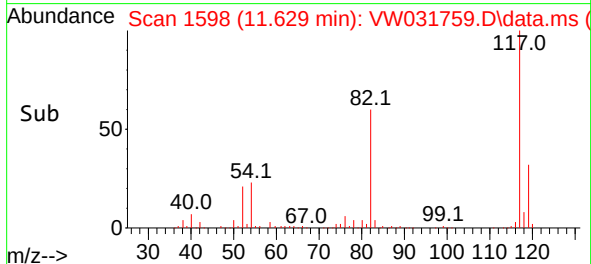
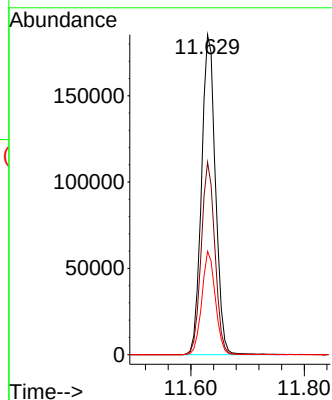
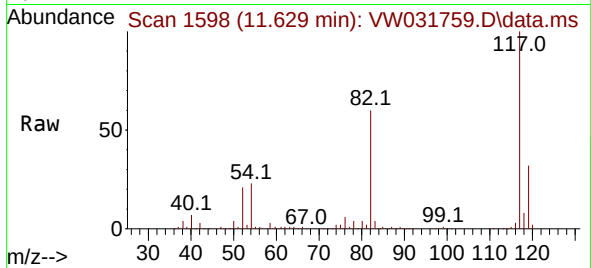




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

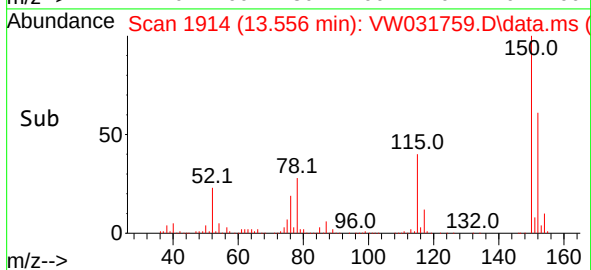
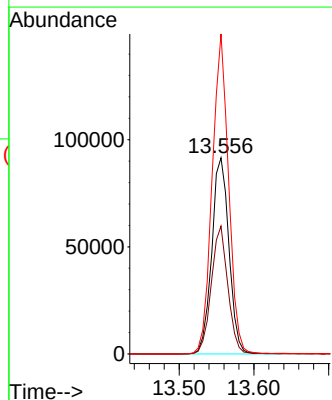
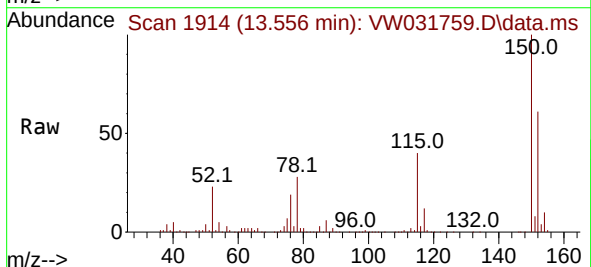
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

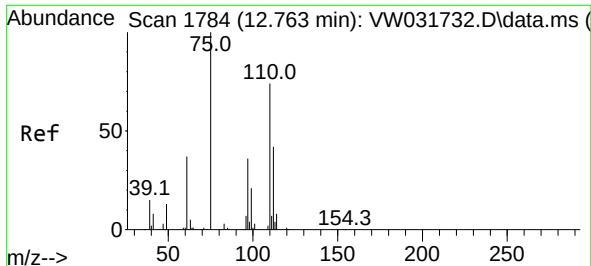
Tgt Ion:117 Resp: 316436
Ion Ratio Lower Upper
117 100
82 60.2 48.6 72.8
119 32.3 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion:152 Resp: 146308
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 155.6 0.0 356.4

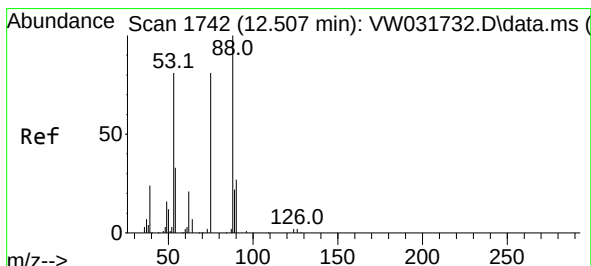
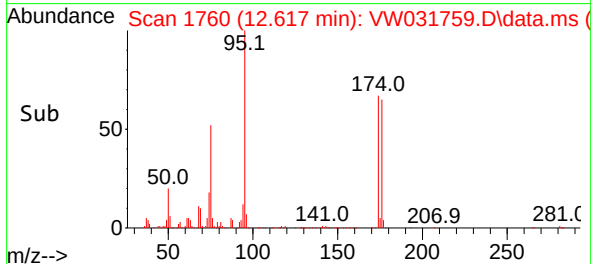
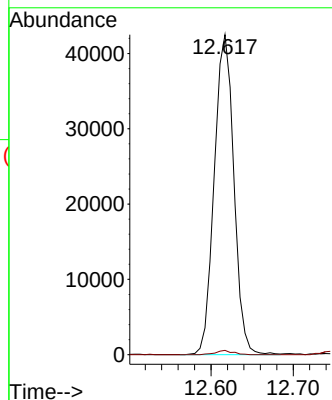
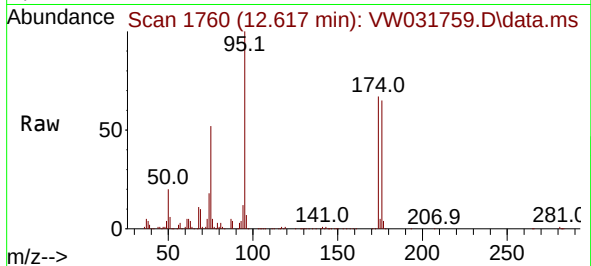




#76
1,2,3-Trichloropropane
Concen: 37.145 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBL01

Tgt Ion: 75 Resp: 70231
Ion Ratio Lower Upper
75 100
77 1.2 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.517 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031759.D
Acq: 03 Jul 2025 10:45

Tgt Ion: 75 Resp: 70231
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.1 38.3 57.5#

