

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032017.D
 Acq On : 05 Aug 2025 16:48
 Operator : SY/MD
 Sample : Q2772-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 500-3B-SOIL

Quant Time: Aug 06 03:56:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

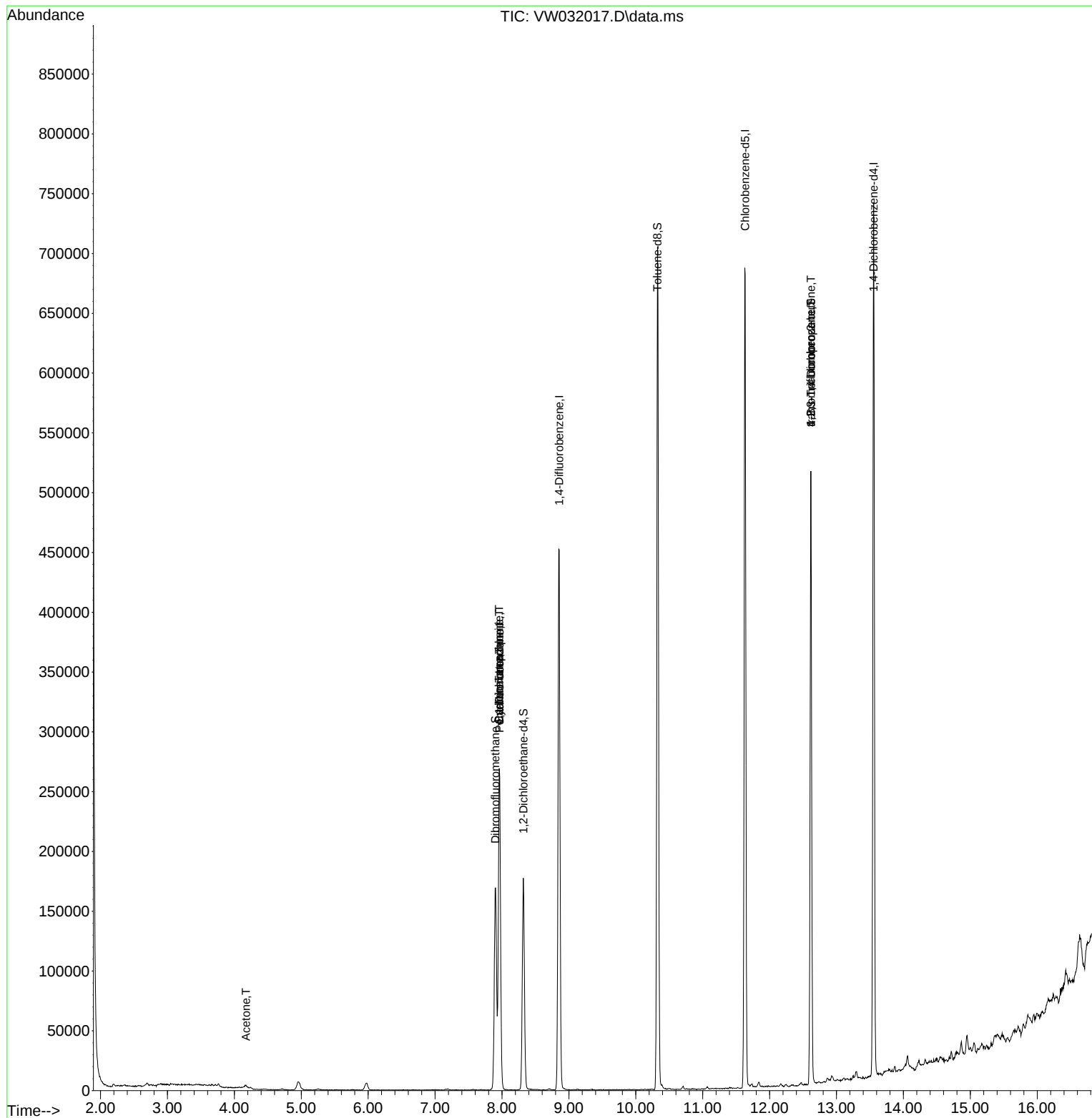
Internal Standards						
1) Pentafluorobenzene	7.965	168	186893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	391337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	384833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	184225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143847	50.879	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.760%			
35) Dibromofluoromethane	7.898	113	127150	47.815	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.640%			
50) Toluene-d8	10.325	98	477415	47.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 94.880%			
62) 4-Bromofluorobenzene	12.617	95	180026	46.585	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 93.180%			
Target Compounds						
13) Acrolein	3.942	56	19	Below Cal	#	1
16) Acetone	4.173	43	4279	6.378	ug/l	97
20) Methylene Chloride	4.960	84	6105	Below Cal		86
31) Cyclohexane	7.959	56	4460	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	16829	4.121	ug/l #	50
38) Carbon Tetrachloride	7.959	117	21855	5.576	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	91382	35.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	91382	82.947	ug/l #	8

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

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ALS Vial : 16 Sample Multiplier: 1

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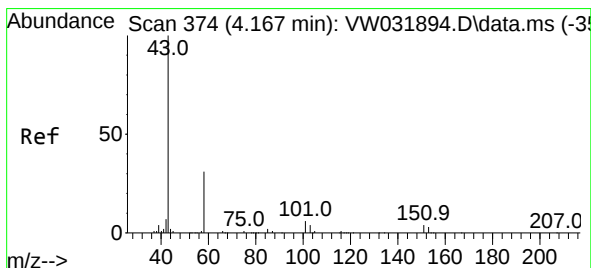
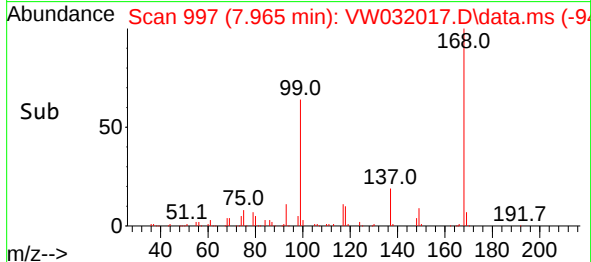
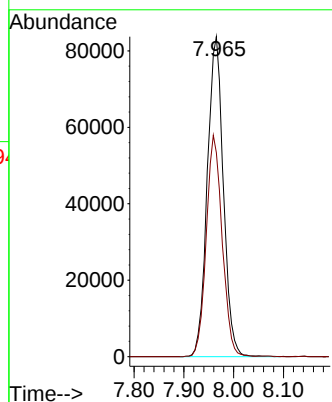
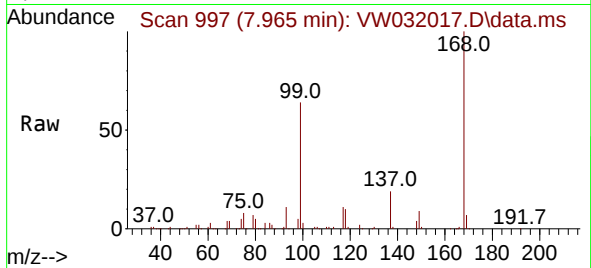




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

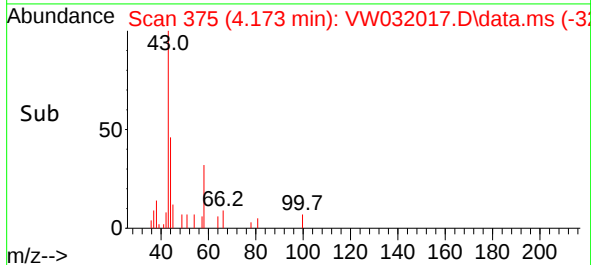
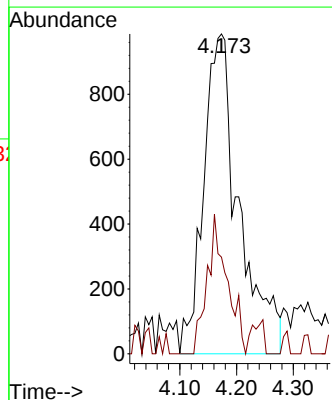
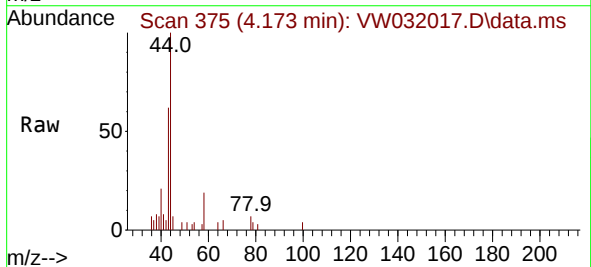
Instrument :
MSVOA_W
ClientSampleId :
500-3B-SOIL

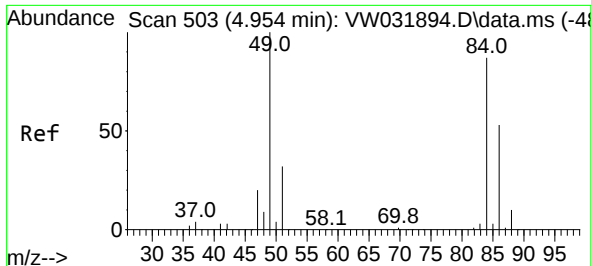
Tgt Ion:168 Resp: 186893
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.2



#16
Acetone
Concen: 6.378 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

Tgt Ion: 43 Resp: 4279
Ion Ratio Lower Upper
43 100
58 30.2 25.5 38.3

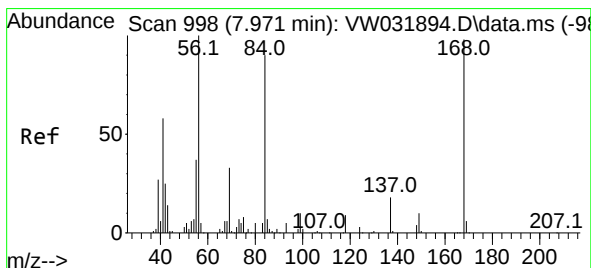
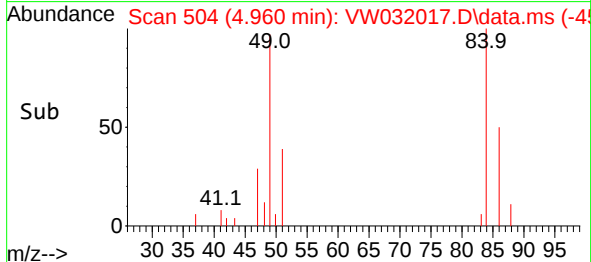
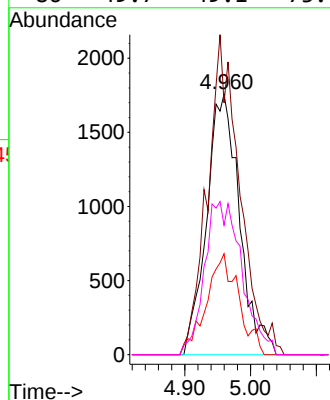
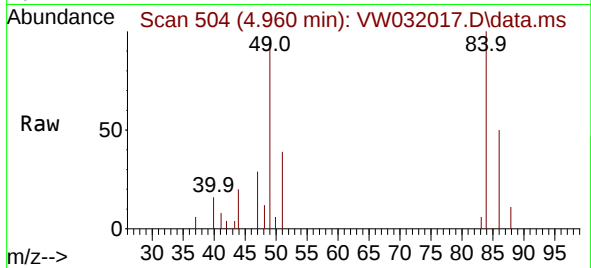




#20
Methylene Chloride
Concen: Below Cal
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

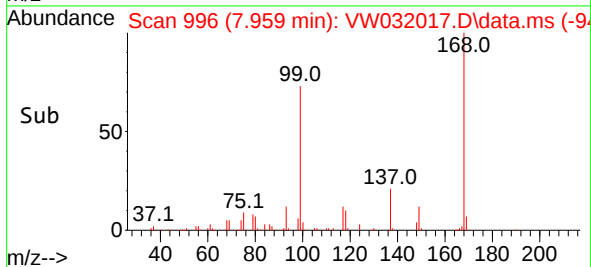
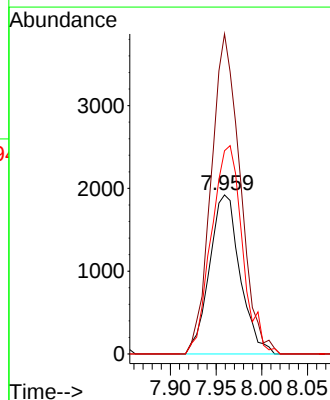
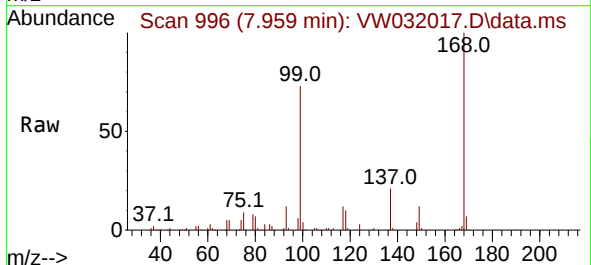
Instrument :
MSVOA_W
ClientSampleId :
500-3B-SOIL

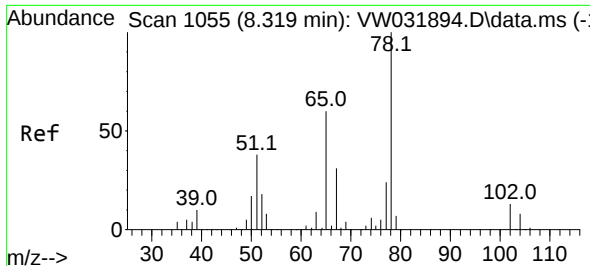
Tgt Ion:	84	Resp:	6105
Ion	Ratio	Lower	Upper
84	100		
49	96.6	91.9	137.9
51	38.7	29.0	43.6
86	49.7	49.1	73.7



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

Tgt Ion:	56	Resp:	4460
Ion	Ratio	Lower	Upper
56	100		
69	201.2	26.7	40.1#
84	127.7	71.8	107.6#

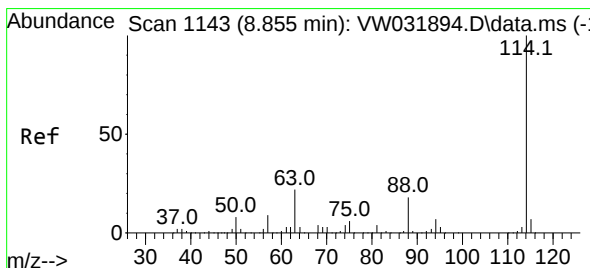
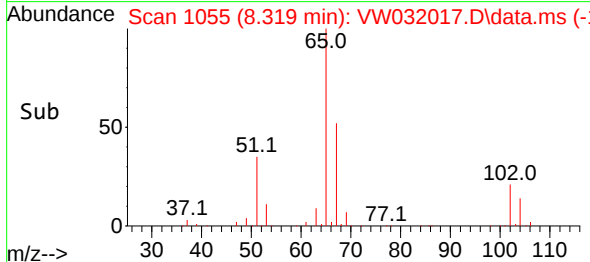
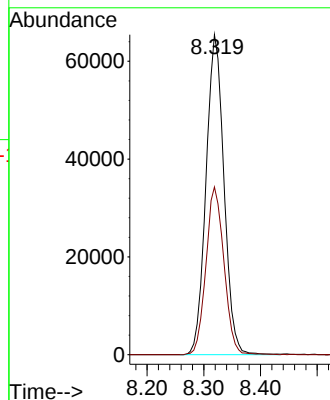
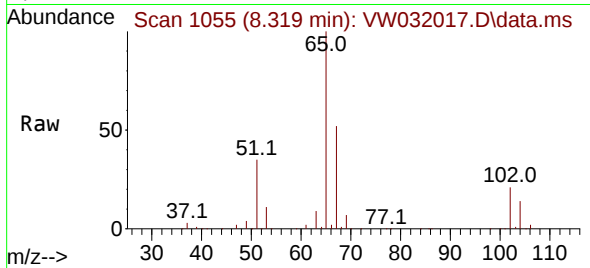




#33
 1,2-Dichloroethane-d4
 Concen: 50.879 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032017.D
 Acq: 05 Aug 2025 16:48

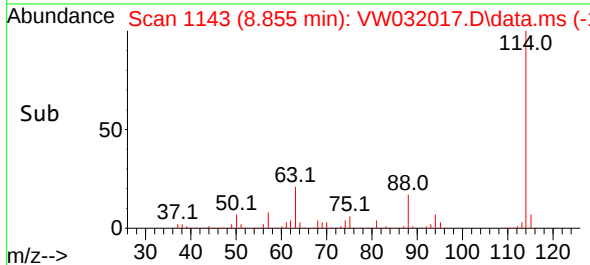
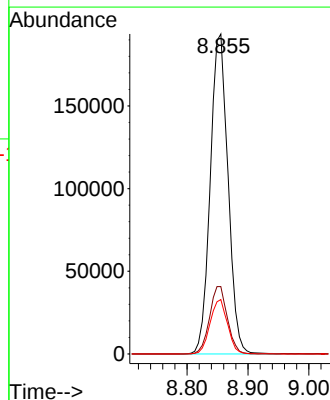
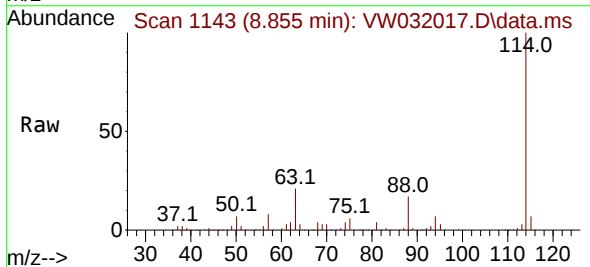
Instrument :
 MSVOA_W
 ClientSampleId :
 500-3B-SOIL

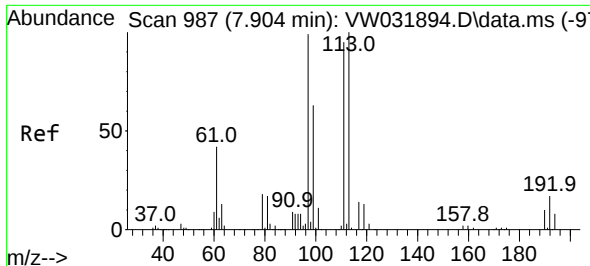
Tgt Ion: 65 Resp: 143847
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032017.D
 Acq: 05 Aug 2025 16:48

Tgt Ion: 114 Resp: 391337
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 17.0 0.0 35.6

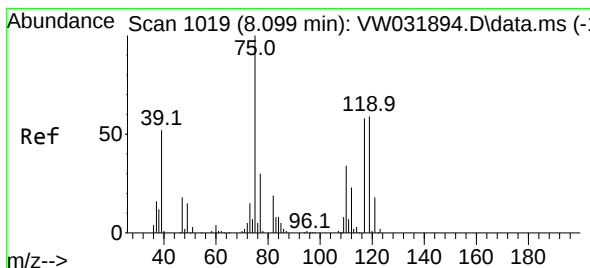
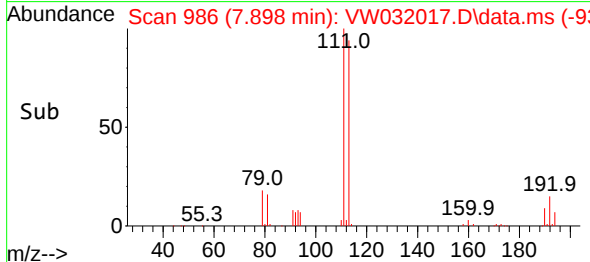
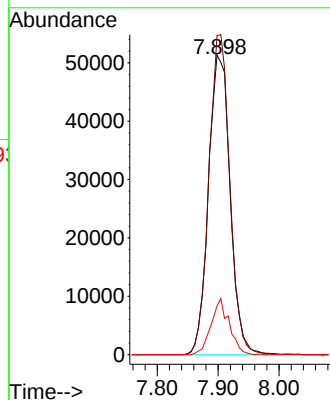
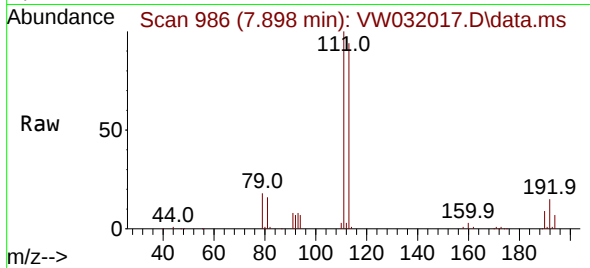




#35
Dibromofluoromethane
Concen: 47.815 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

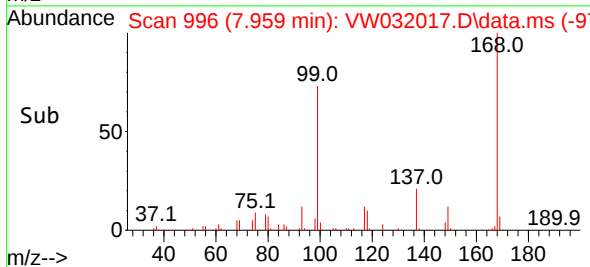
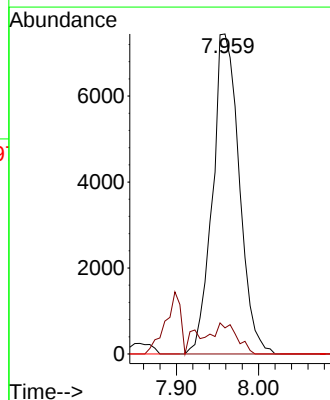
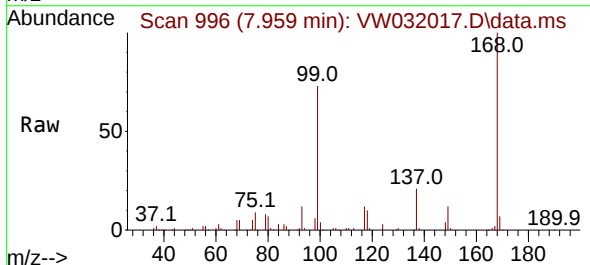
Instrument :
MSVOA_W
ClientSampleId :
500-3B-SOIL

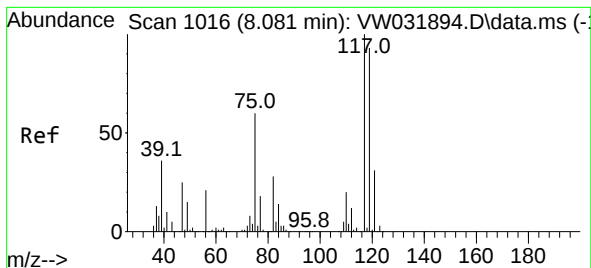
Tgt Ion:113 Resp: 127150
Ion Ratio Lower Upper
113 100
111 103.1 79.9 119.9
192 15.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.121 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

Tgt Ion: 75 Resp: 16829
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.576 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032017.D

Acq: 05 Aug 2025 16:48

Instrument :

MSVOA_W

ClientSampleId :

500-3B-SOIL

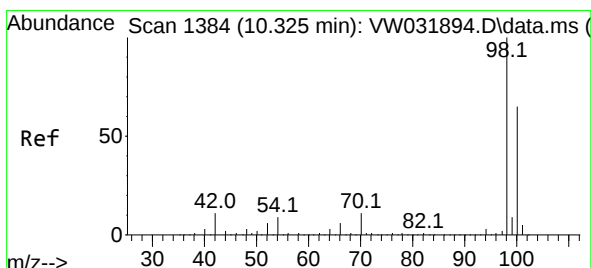
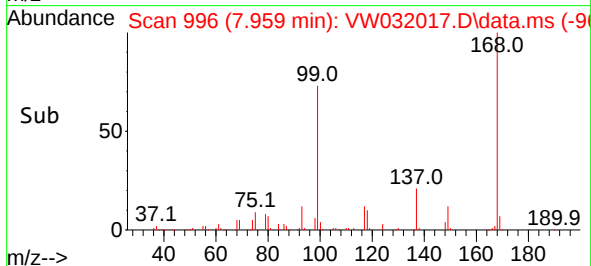
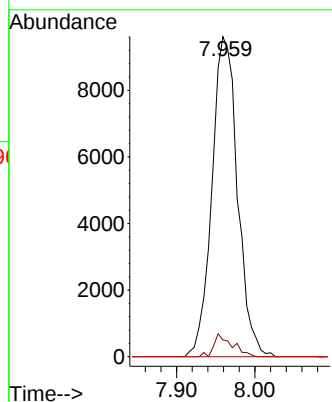
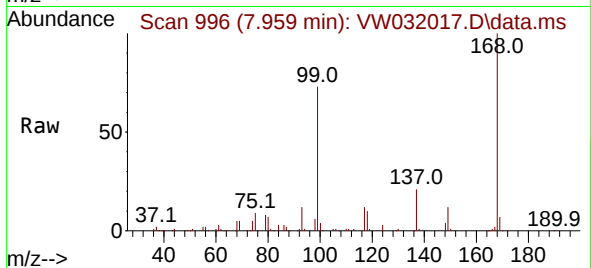
Tgt Ion:117 Resp: 21855

Ion Ratio Lower Upper

117 100

119 5.3 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 47.437 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032017.D

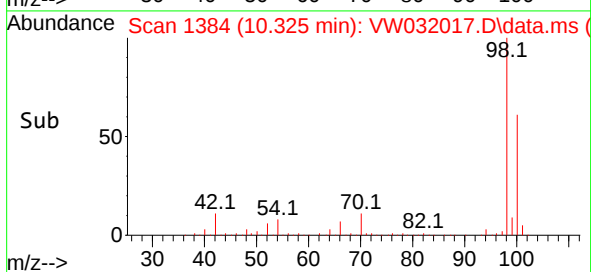
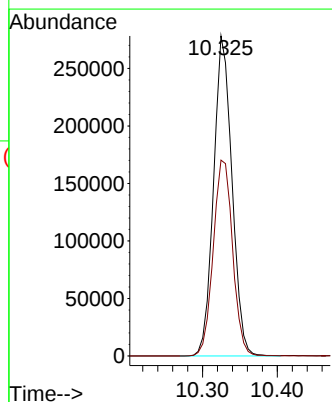
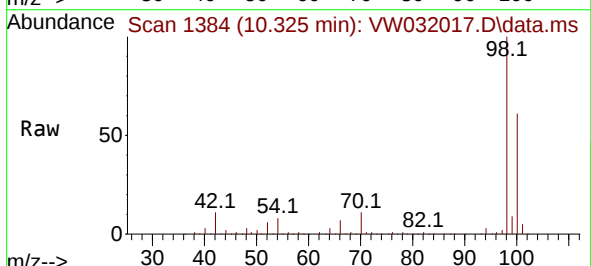
Acq: 05 Aug 2025 16:48

Tgt Ion: 98 Resp: 477415

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5

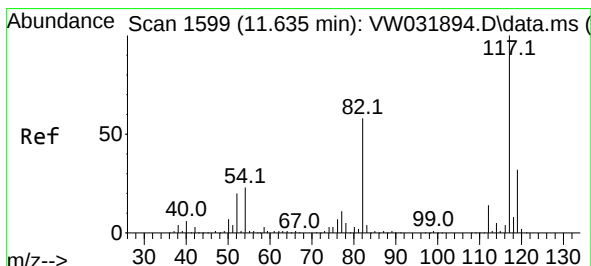
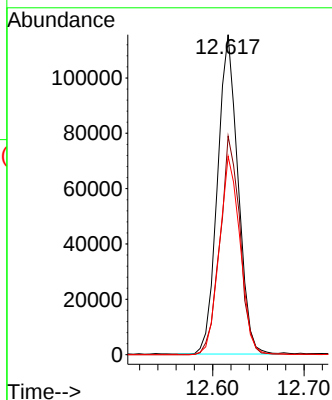
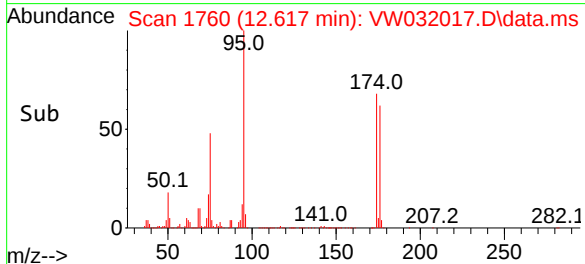
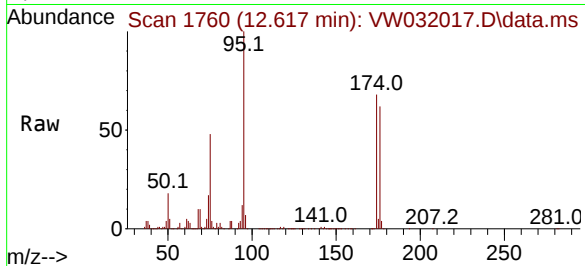




#62
4-Bromofluorobenzene
Concen: 46.585 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

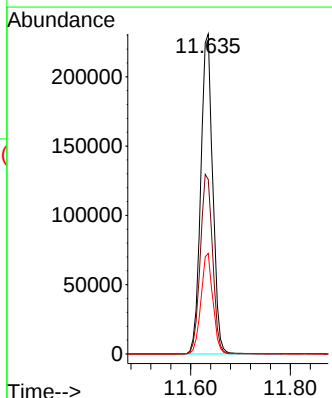
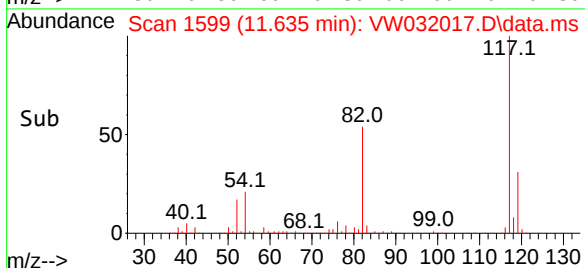
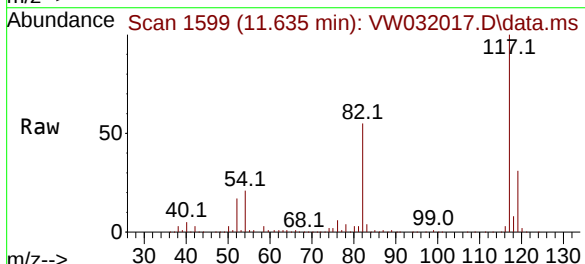
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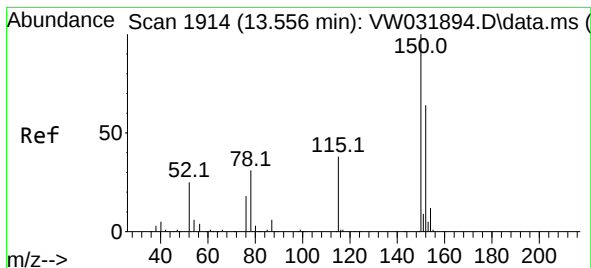
Tgt Ion: 95 Resp: 180026
Ion Ratio Lower Upper
95 100
174 66.9 0.0 129.8
176 63.1 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

Tgt Ion: 117 Resp: 384833
Ion Ratio Lower Upper
117 100
82 54.5 46.5 69.7
119 31.4 25.8 38.6

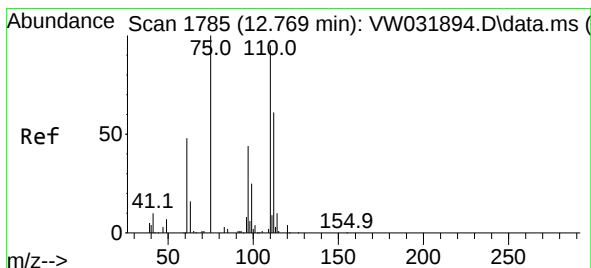
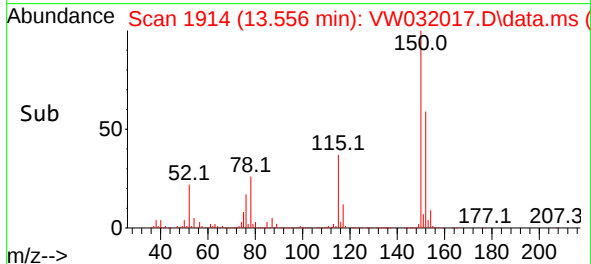
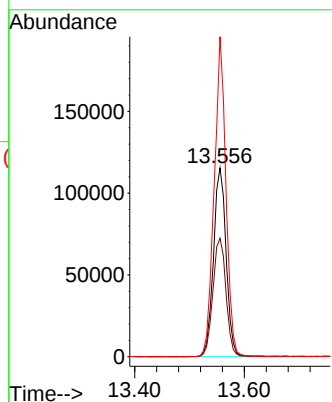
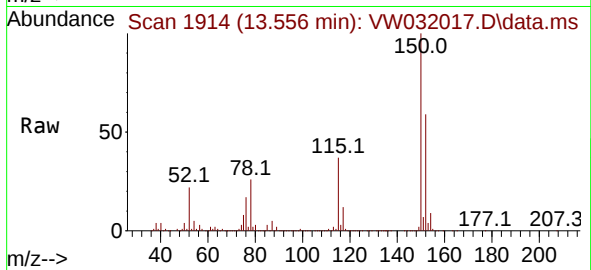




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

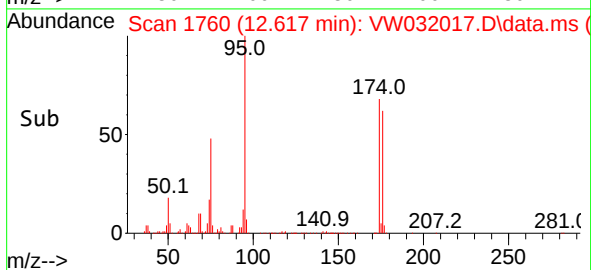
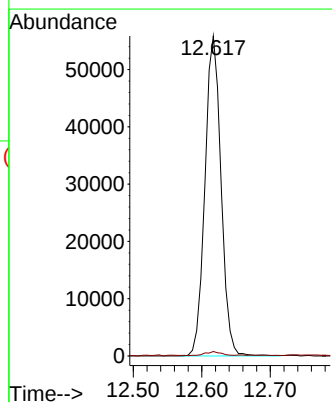
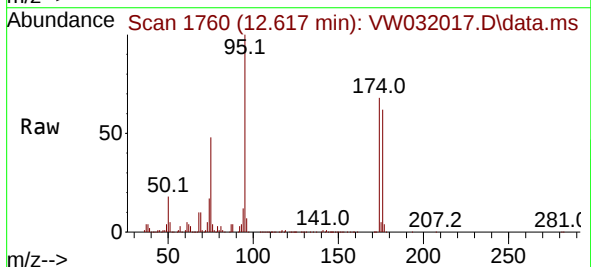
Instrument :
MSVOA_W
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500-3B-SOIL

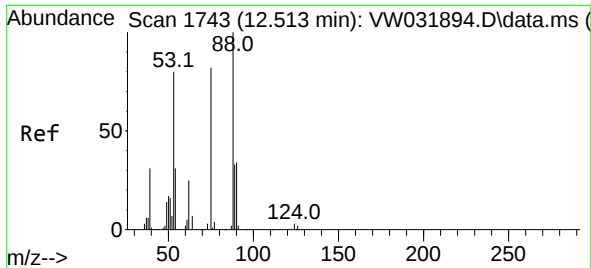
Tgt Ion:152 Resp: 184225
Ion Ratio Lower Upper
152 100
115 64.8 33.4 100.1
150 157.1 0.0 352.2



#76
1,2,3-Trichloropropane
Concen: 35.928 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW032017.D
Acq: 05 Aug 2025 16:48

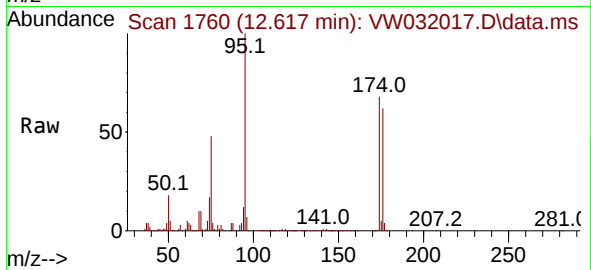
Tgt Ion: 75 Resp: 91382
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.947 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032017.D
 Acq: 05 Aug 2025 16:48

Instrument :
 MSVOA_W
 ClientSampleId :
 500-3B-SOIL



Tgt Ion: 75 Resp: 91382
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.7 125.5#
 89 0.0 39.0 58.6#

