

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045263.D
 Acq On : 13 Mar 2025 12:50
 Operator : JC/MD
 Sample : Q1526-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Mar 14 12:27:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

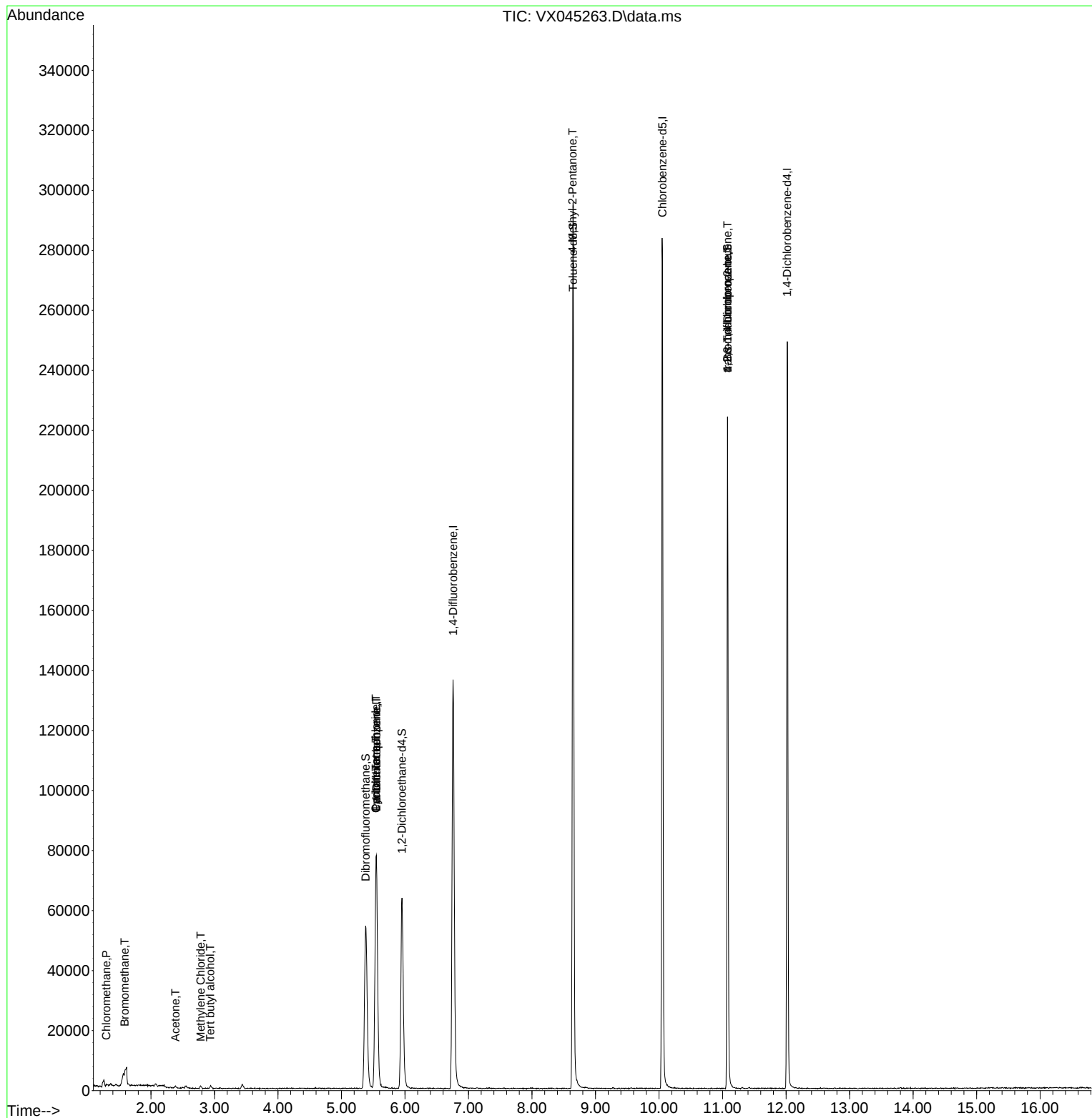
Internal Standards						
1) Pentafluorobenzene	5.550	168	70415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60076	53.637	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	5.379	113	47758	52.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	8.647	98	170597	51.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	11.079	95	57062	52.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	567	0.523	ug/l #	85
5) Bromomethane	1.587	94	104	0.246	ug/l #	3
11) Tert butyl alcohol	2.934	59	367	1.730	ug/l #	73
16) Acetone	2.386	43	781	1.503	ug/l #	82
20) Methylene Chloride	2.782	84	400	0.389	ug/l #	86
31) Cyclohexane	5.543	56	1899	1.246	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	6529	5.241	ug/l #	52
38) Carbon Tetrachloride	5.543	117	7399	5.851	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1025	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30774	27.280	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30774	93.358	ug/l #	6

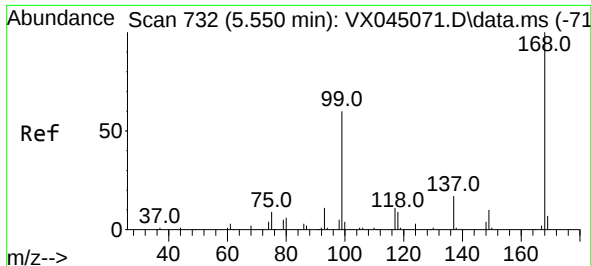
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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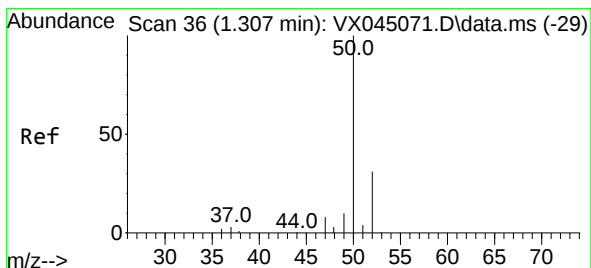
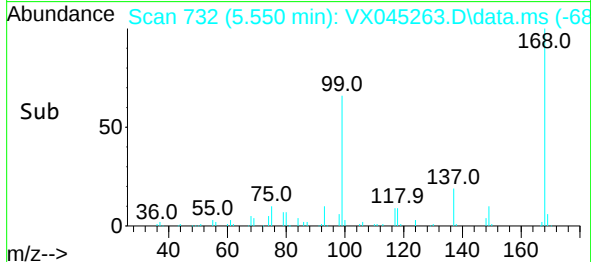
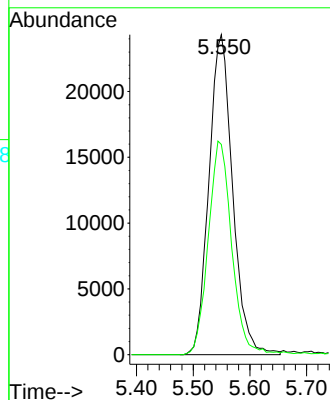
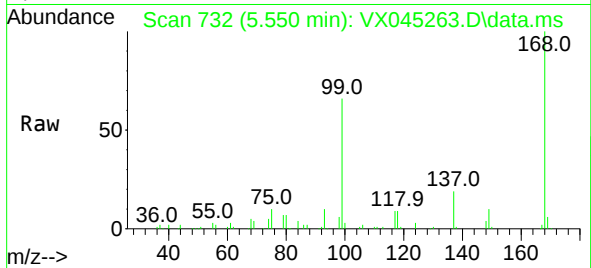




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

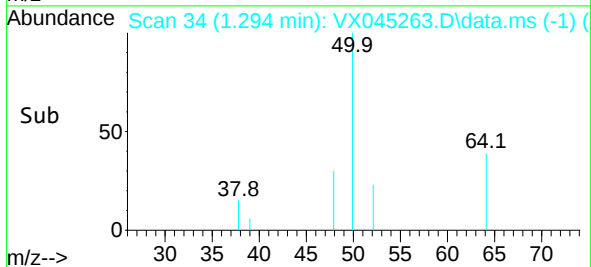
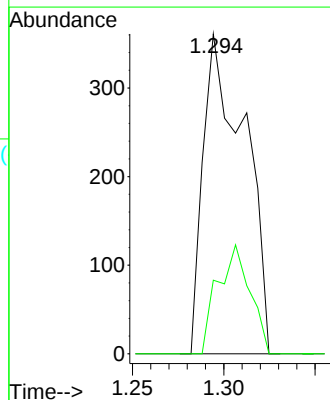
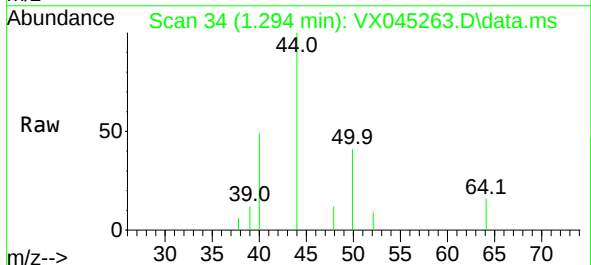
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

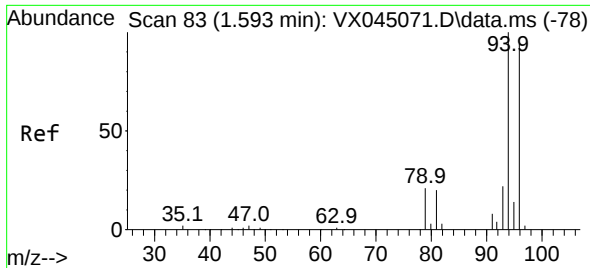
Tgt Ion:168 Resp: 70415
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#3
Chloromethane
Concen: 0.523 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 23.0 25.0 37.4#

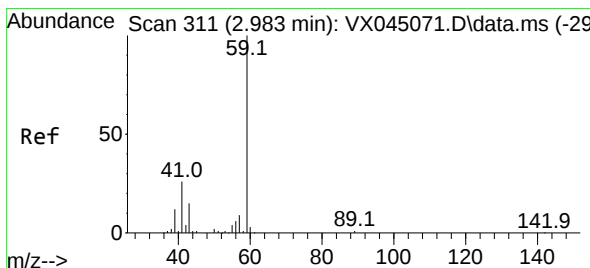
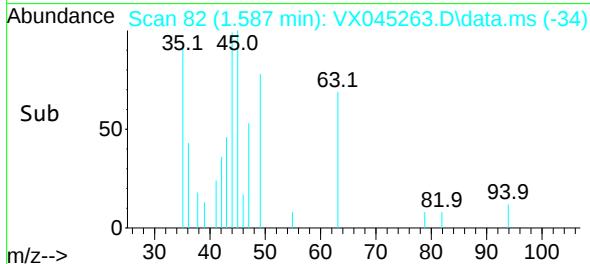
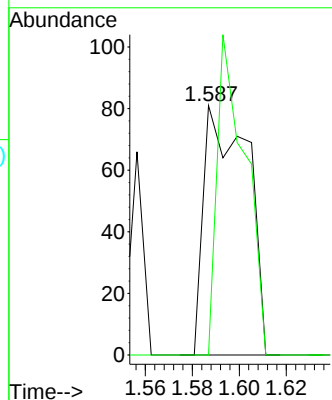
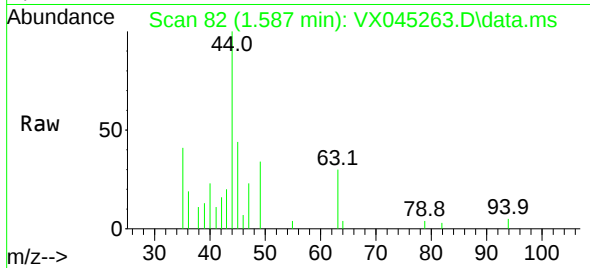




#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

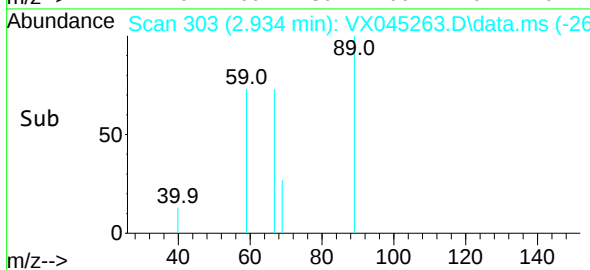
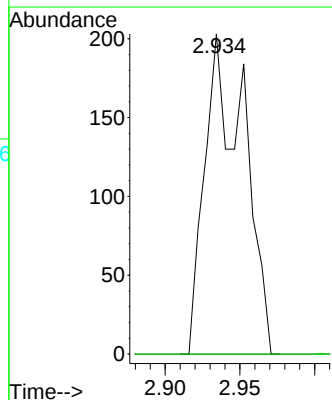
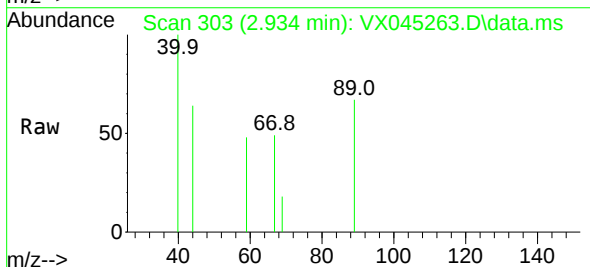
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

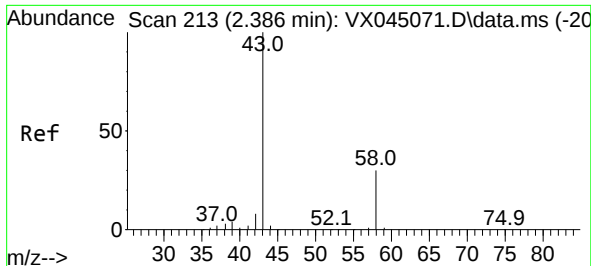
Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 1.730 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 1.503 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

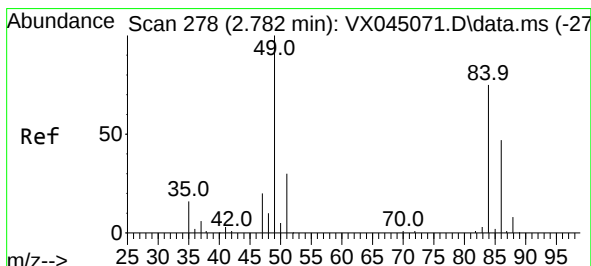
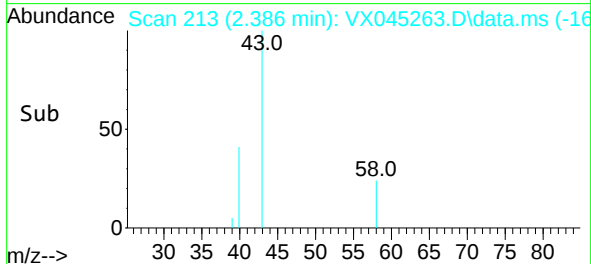
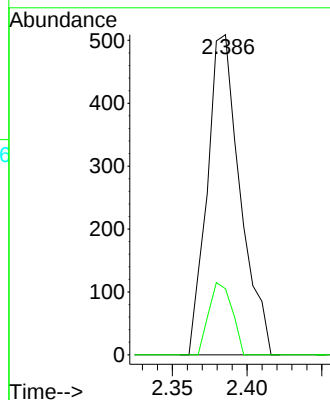
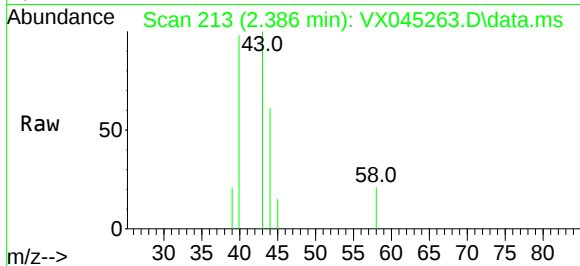
Storage-Blank-SOIL-REF-6

Tgt Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

58 20.6 24.2 36.4#



#20

Methylene Chloride

Concen: 0.389 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

Tgt Ion: 84 Resp: 400

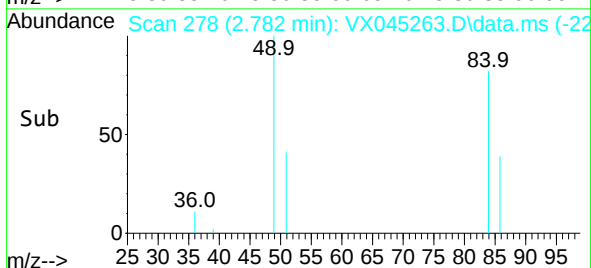
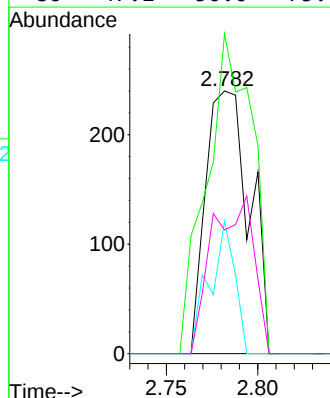
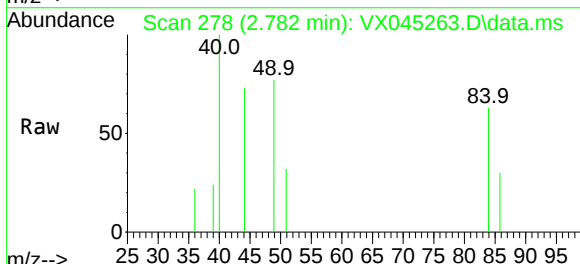
Ion Ratio Lower Upper

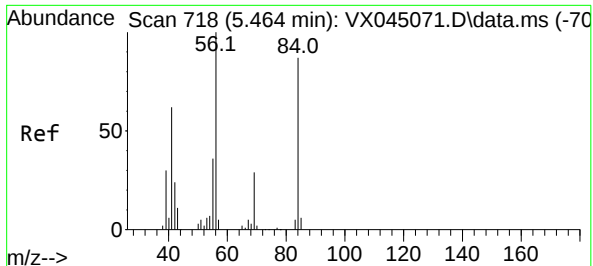
84 100

49 121.7 106.5 159.7

51 50.4 32.1 48.1#

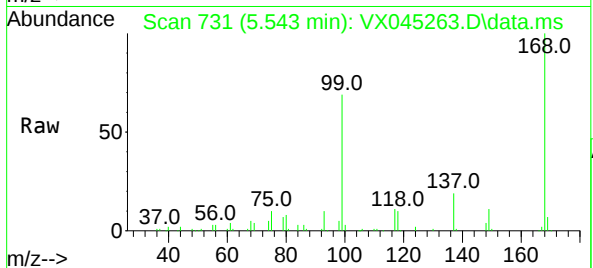
86 47.1 50.0 75.0#



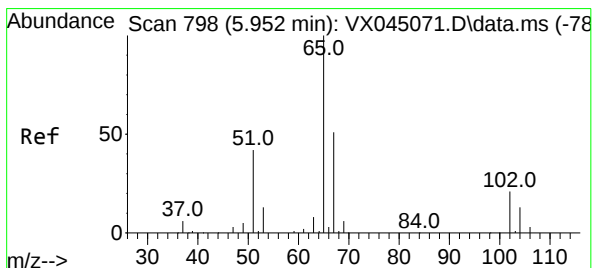
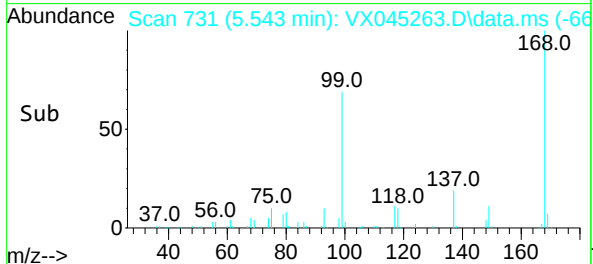
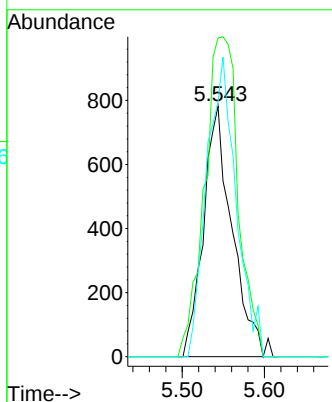


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
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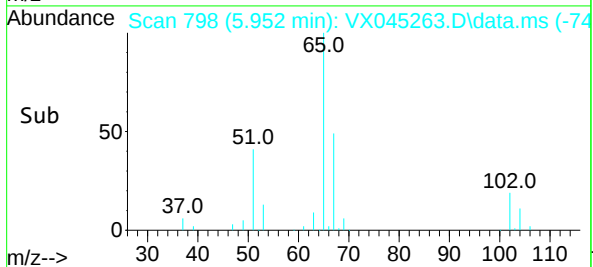
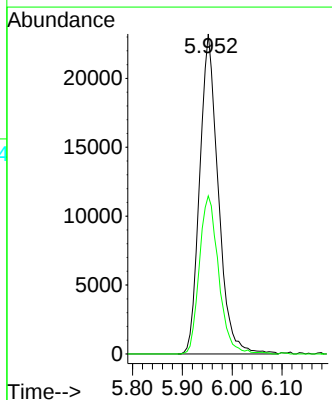
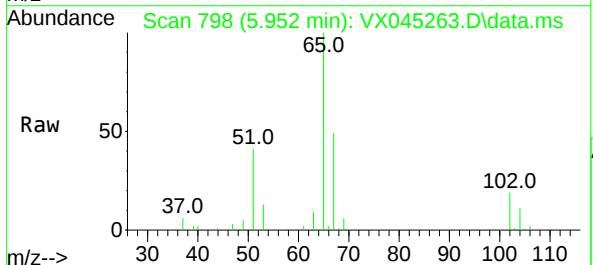


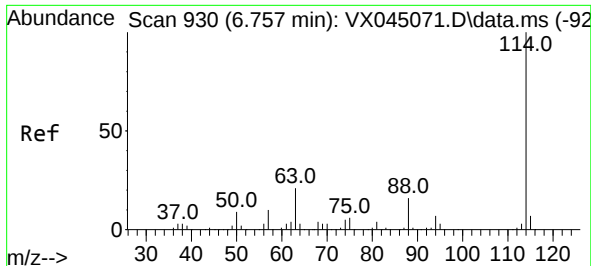
Tgt Ion: 56 Resp: 1899
Ion Ratio Lower Upper
56 100
69 127.2 23.4 35.2#
84 101.7 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 53.637 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 65 Resp: 60076
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

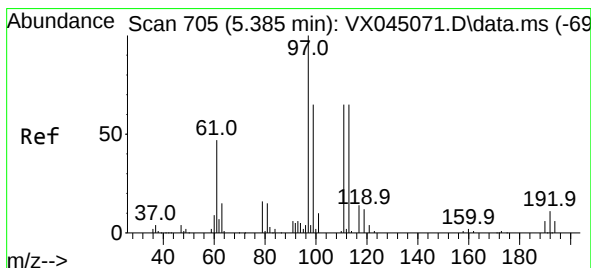
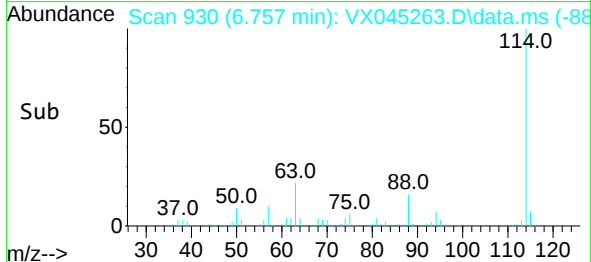
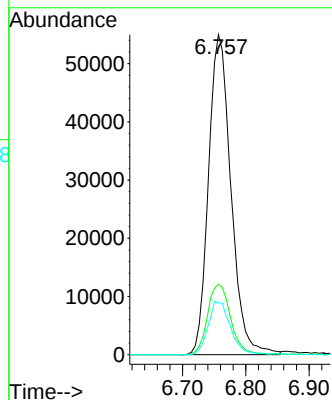
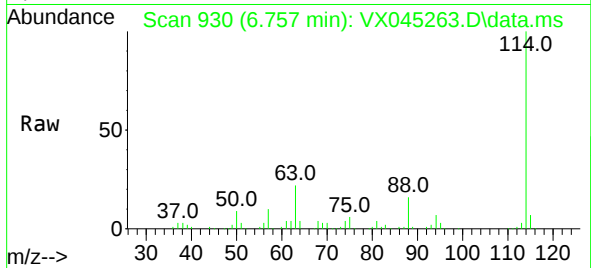




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

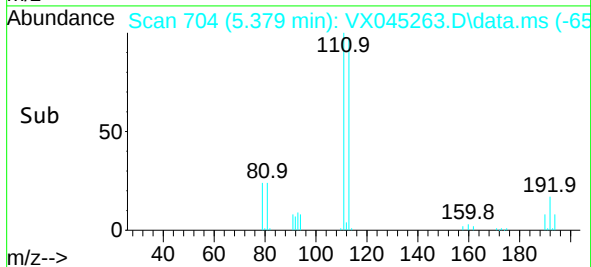
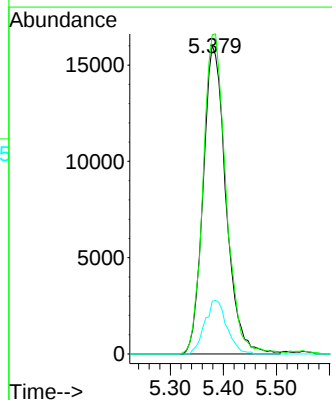
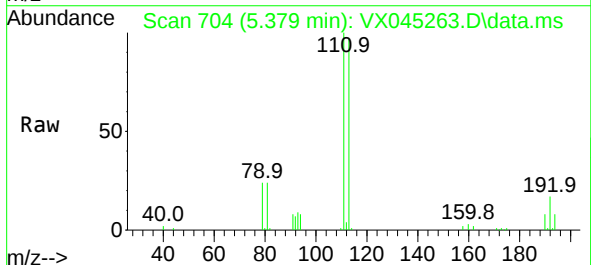
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

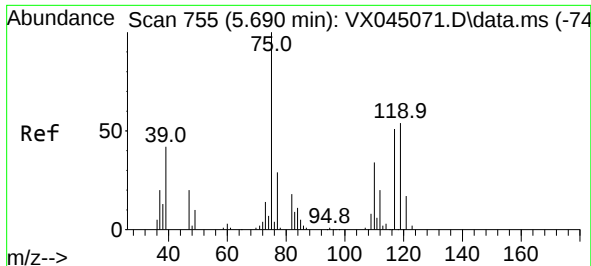
Tgt Ion:114 Resp: 135839
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion:113 Resp: 47758
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

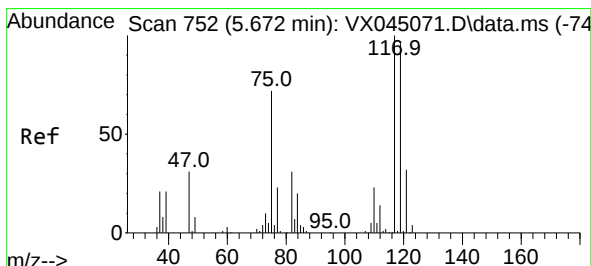
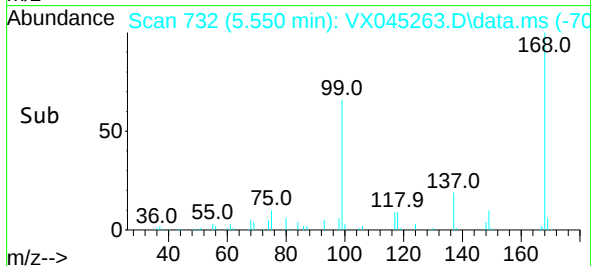
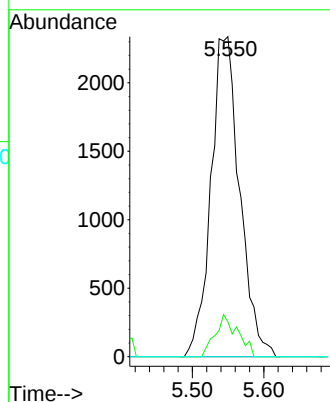
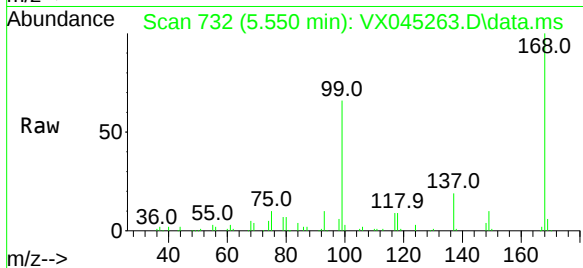
Tgt Ion: 75 Resp: 6529

Ion Ratio Lower Upper

75 100

110 10.3 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.851 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045263.D

Acq: 13 Mar 2025 12:50

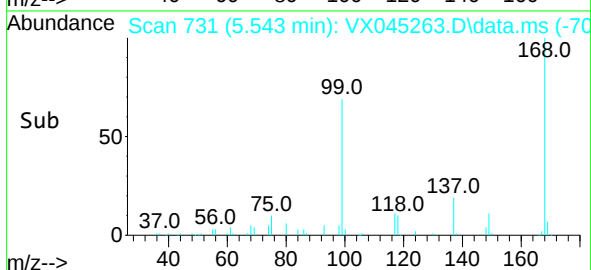
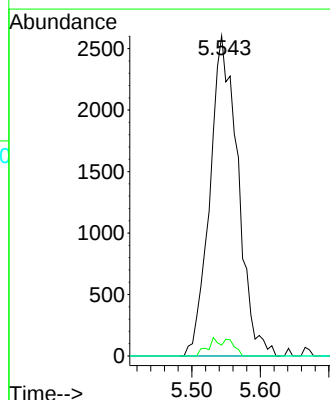
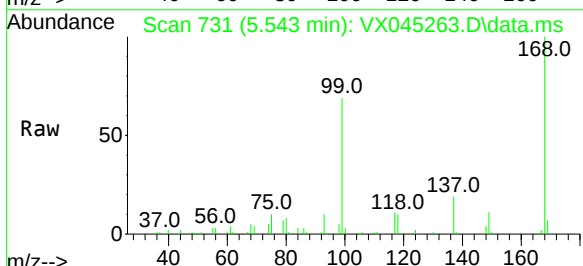
Tgt Ion: 117 Resp: 7399

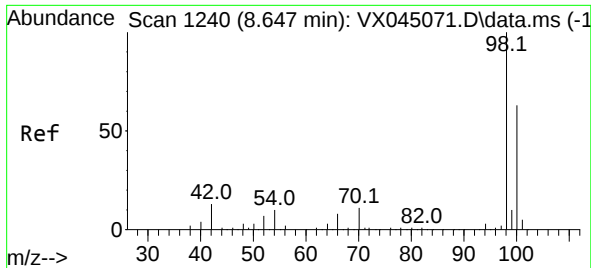
Ion Ratio Lower Upper

117 100

119 3.4 76.7 115.1#

121 0.0 25.5 38.3#

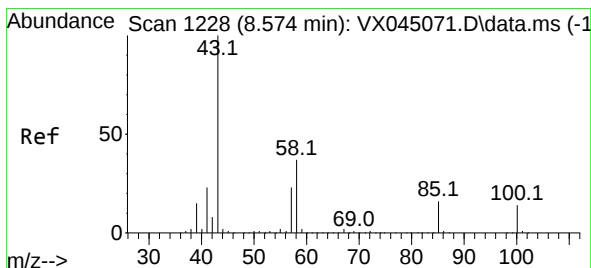
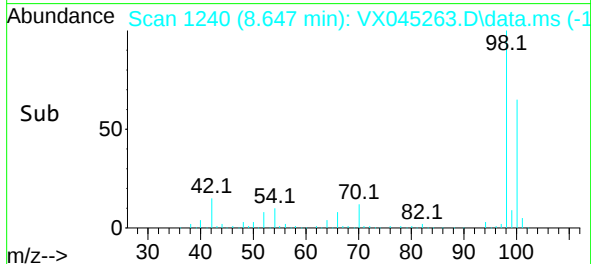
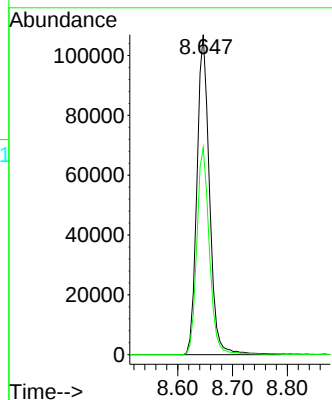
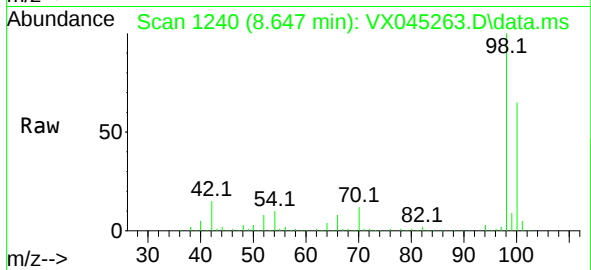




#50
Toluene-d8
Concen: 51.806 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

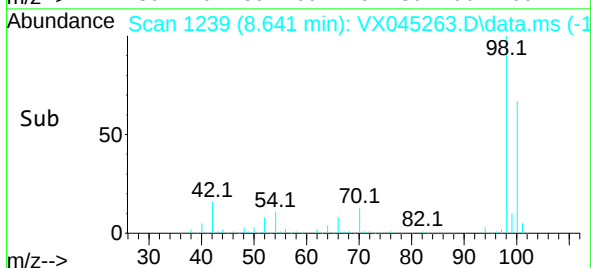
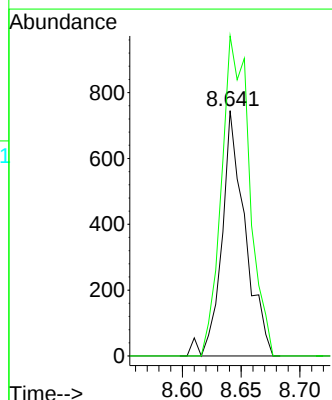
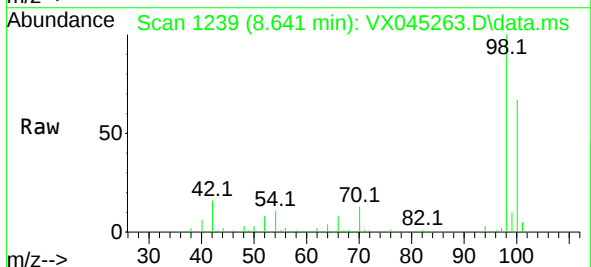
Instrument :
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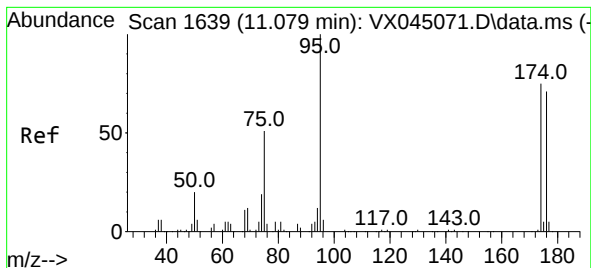
Tgt Ion: 98 Resp: 170597
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 157.2 29.2 43.8#

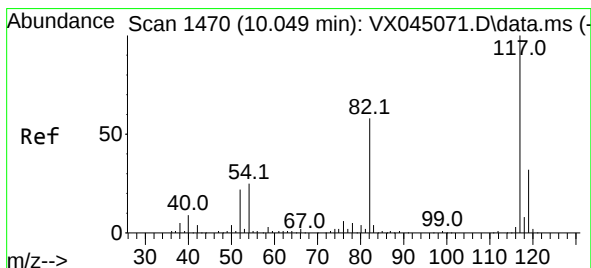
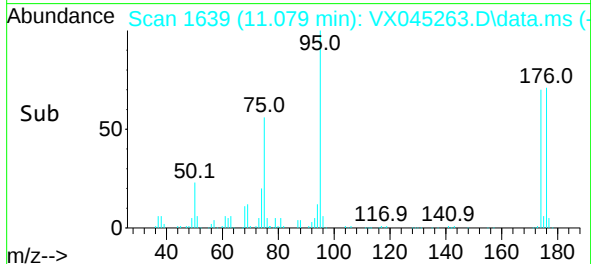
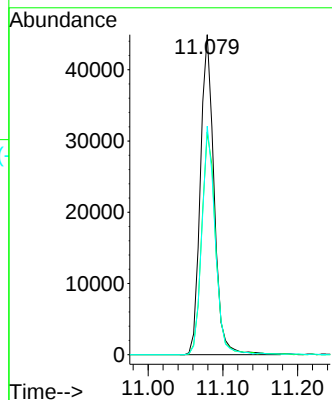
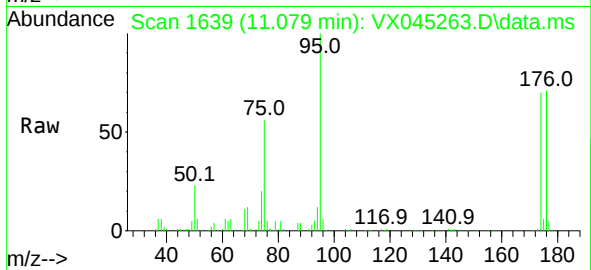




#62
4-Bromofluorobenzene
Concen: 52.293 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

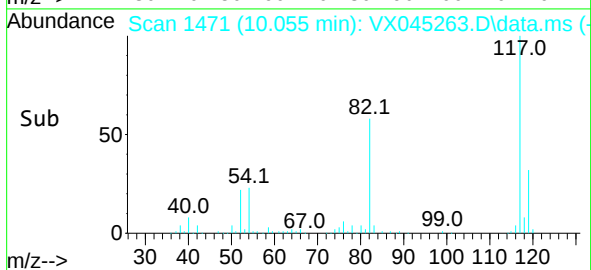
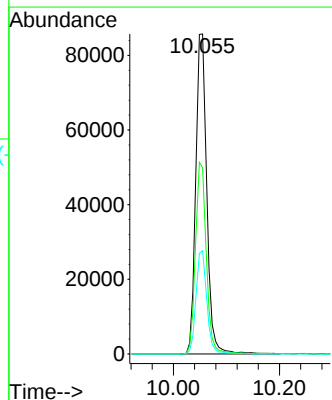
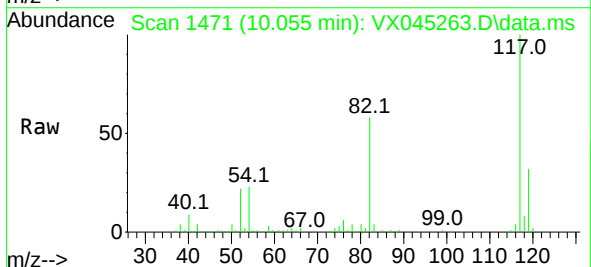
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

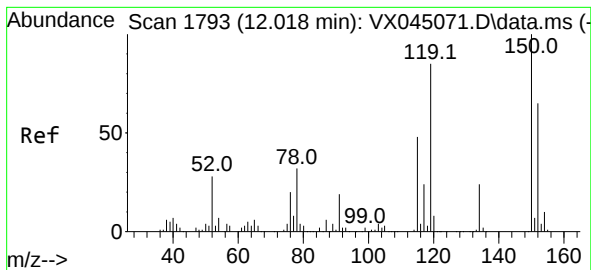
Tgt Ion: 95 Resp: 57062
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 117 Resp: 124026
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 32.2 25.7 38.5

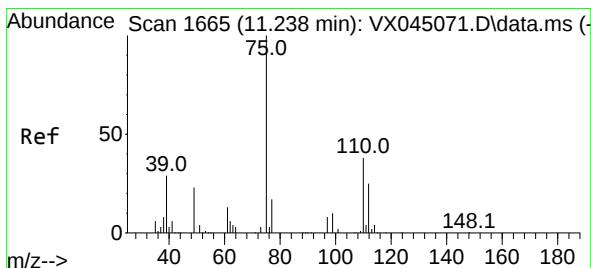
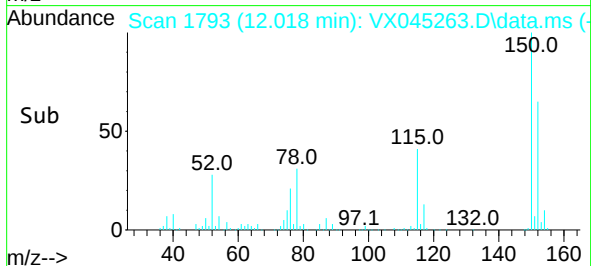
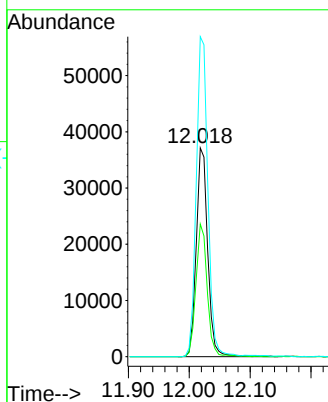
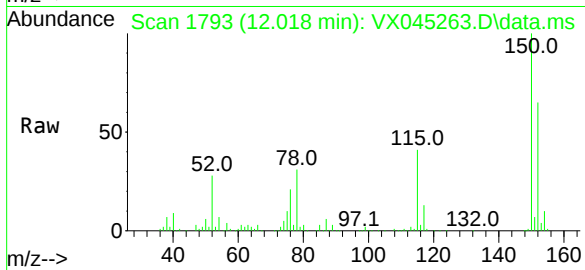




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045263.D
 Acq: 13 Mar 2025 12:50

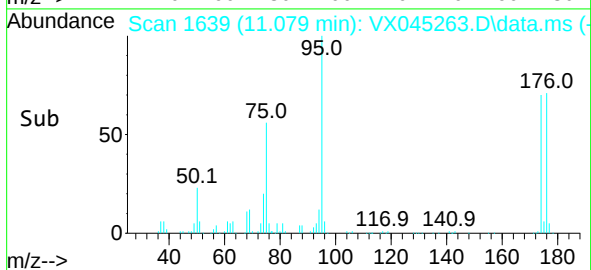
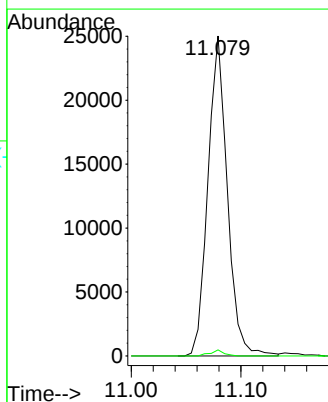
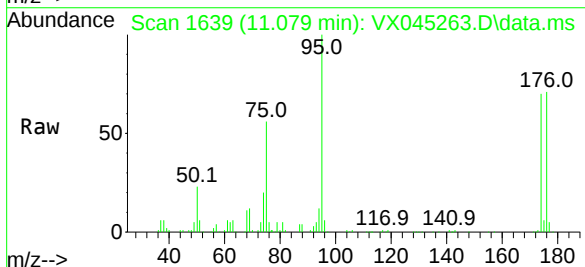
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

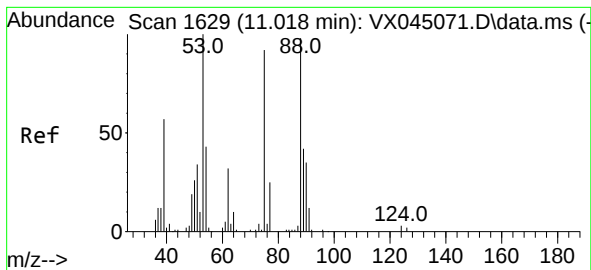
Tgt Ion:152 Resp: 48467
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.2 132.6
 150 155.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.280 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045263.D
 Acq: 13 Mar 2025 12:50

Tgt Ion: 75 Resp: 30774
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.358 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045263.D
 Acq: 13 Mar 2025 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 30774
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.1 36.2 54.4#

