

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044204.D
 Acq On : 10 Dec 2024 13:39
 Operator : JC/MD
 Sample : P5193-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 11 01:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

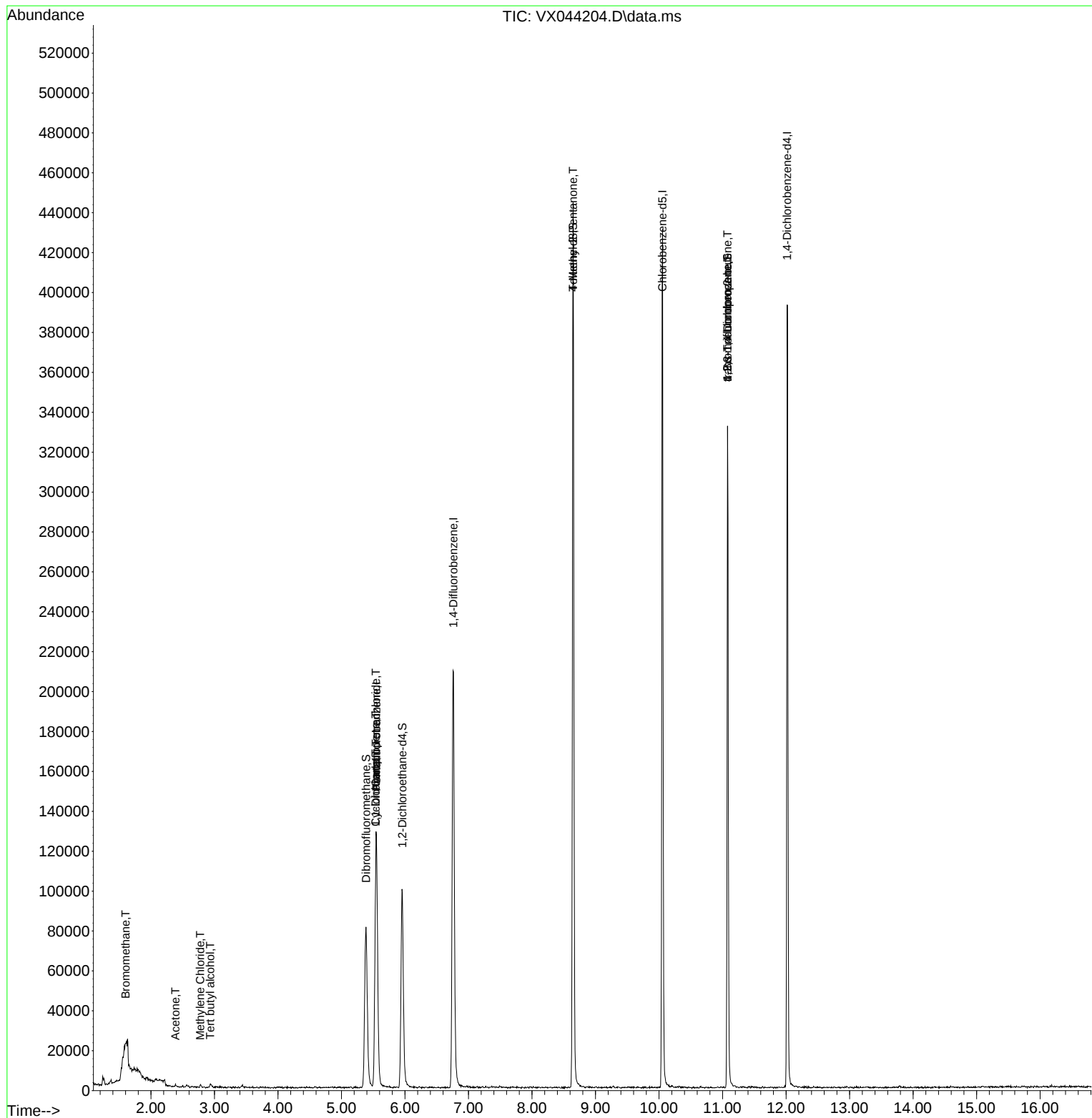
Internal Standards						
1) Pentafluorobenzene	5.550	168	111579	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	208573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95385	49.841	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	5.385	113	69287	46.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.980%		
50) Toluene-d8	8.647	98	254176	49.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	84821	48.513	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.020%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	701	0.720	ug/l	91
11) Tert butyl alcohol	2.934	59	760	2.474	ug/l #	73
16) Acetone	2.386	43	1022	1.163	ug/l	99
20) Methylene Chloride	2.776	84	394	0.264	ug/l #	75
31) Cyclohexane	5.538	56	3256	1.527	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	10550	5.681	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13179	6.315	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1364	0.609	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49991	29.699	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49991	81.041	ug/l #	6

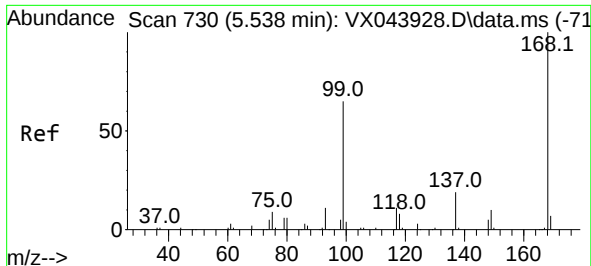
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044204.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 11 01:32:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

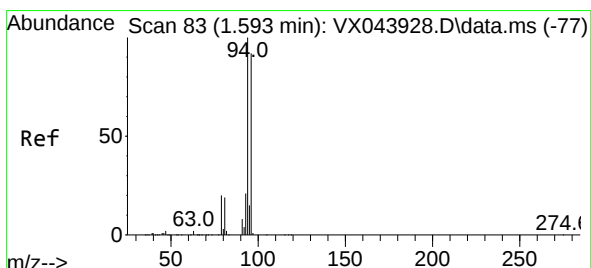
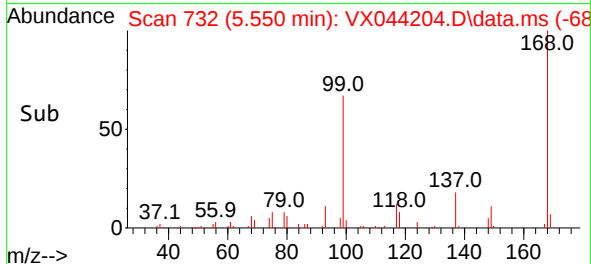
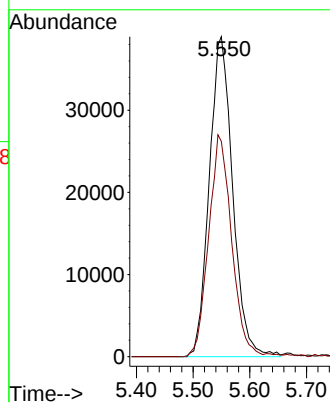
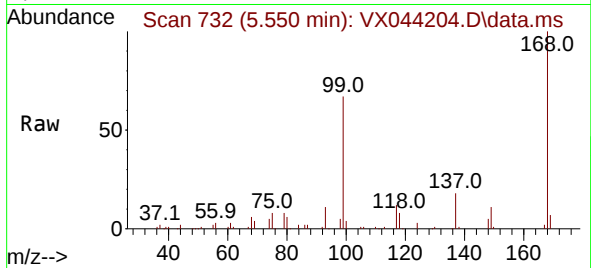




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

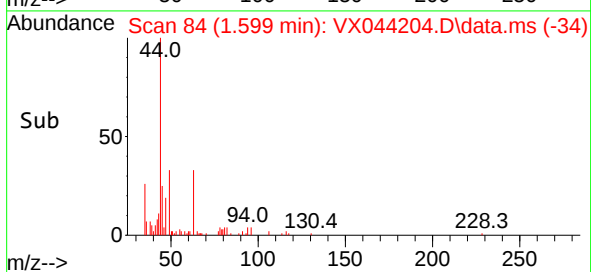
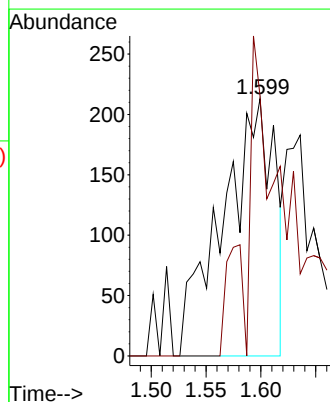
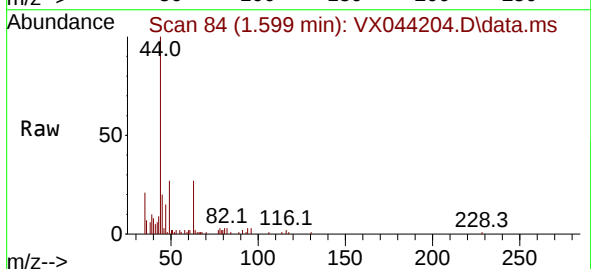
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

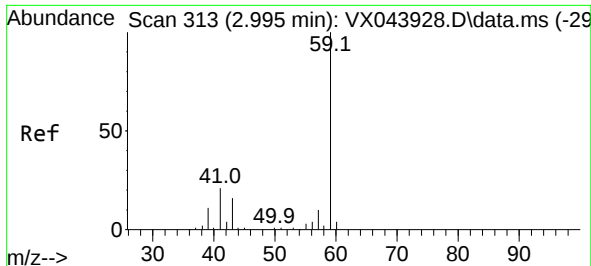
Tgt Ion:168 Resp: 111579
Ion Ratio Lower Upper
168 100
99 67.3 51.8 77.8



#5
Bromomethane
Concen: 0.720 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Tgt Ion: 94 Resp: 701
Ion Ratio Lower Upper
94 100
96 100.9 73.9 110.9





#11

Tert butyl alcohol

Concen: 2.474 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.061 min

Lab File: VX044204.D

Acq: 10 Dec 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

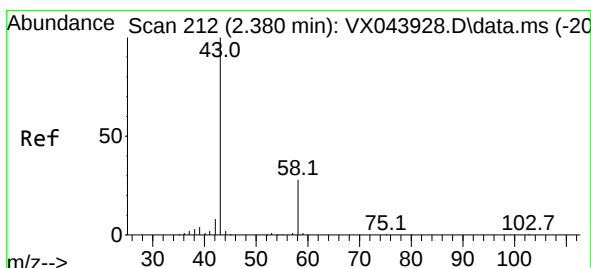
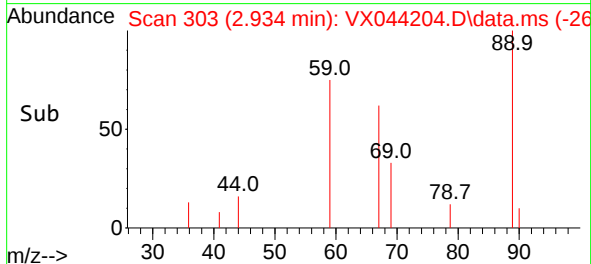
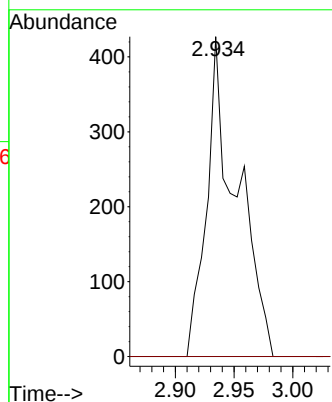
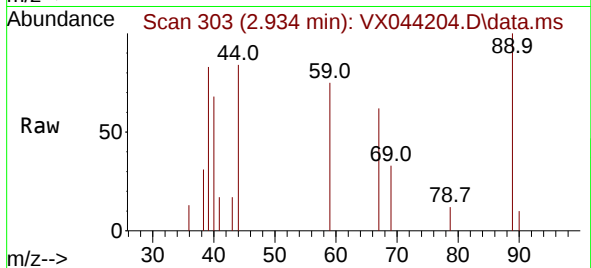
Storage-Blank-SOIL-REF-6

Tgt Ion: 59 Resp: 760

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.163 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044204.D

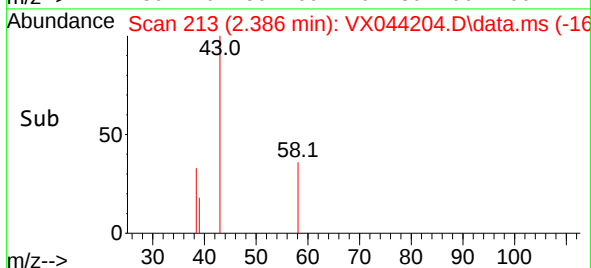
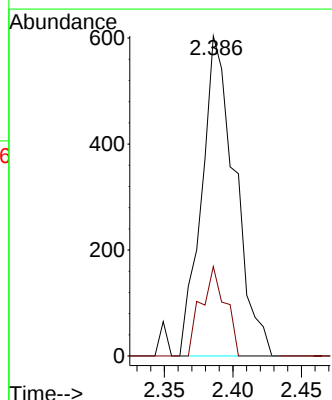
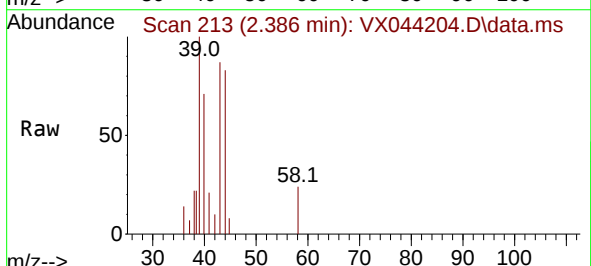
Acq: 10 Dec 2024 13:39

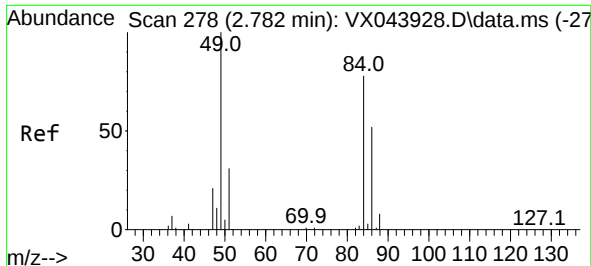
Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

58 28.0 22.7 34.1

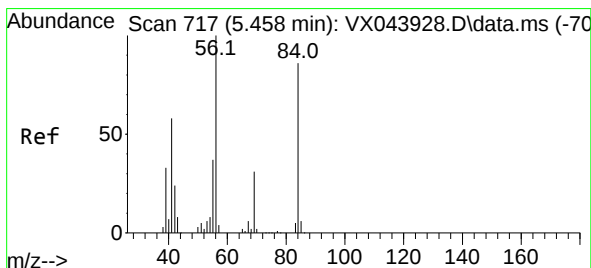
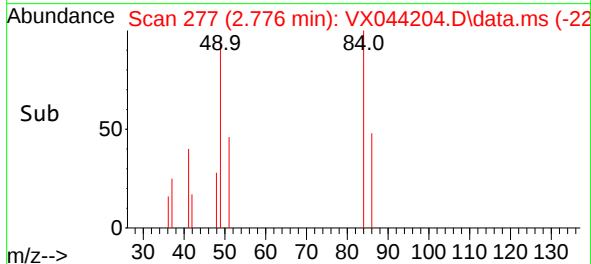
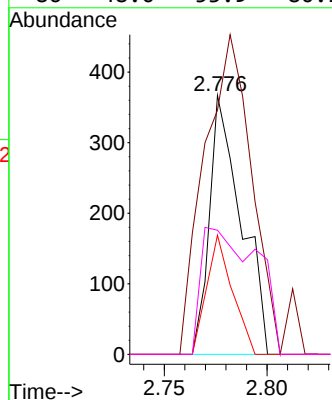
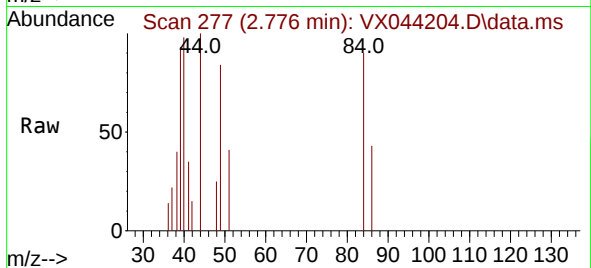




#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

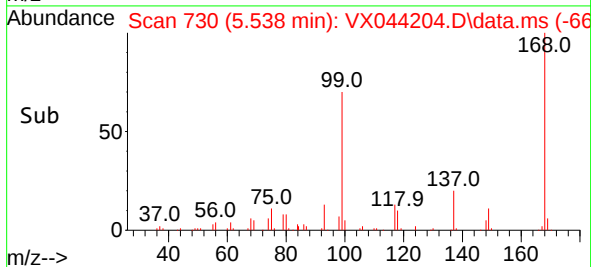
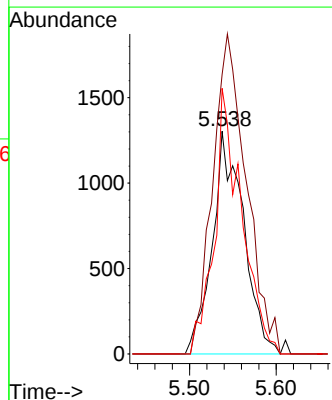
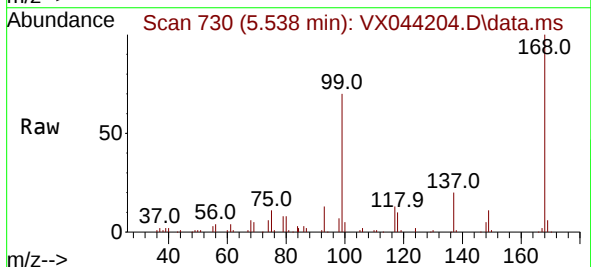
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

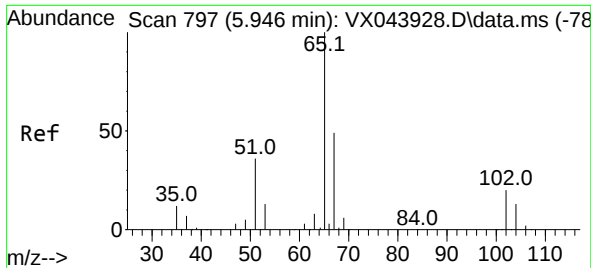
Tgt Ion:	84	Resp:	394
Ion	Ratio	Lower	Upper
84	100		
49	94.3	102.7	154.1#
51	46.0	31.7	47.5
86	48.0	53.9	80.9#



#31
Cyclohexane
Concen: 1.527 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Tgt Ion:	56	Resp:	3256
Ion	Ratio	Lower	Upper
56	100		
69	125.5	24.7	37.1#
84	119.2	68.7	103.1#

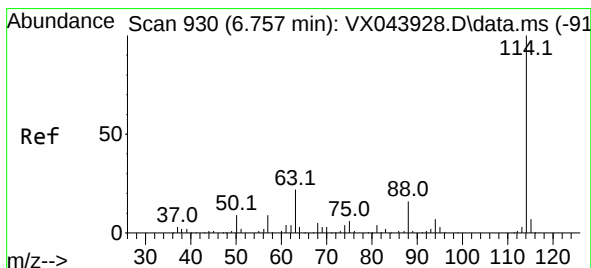
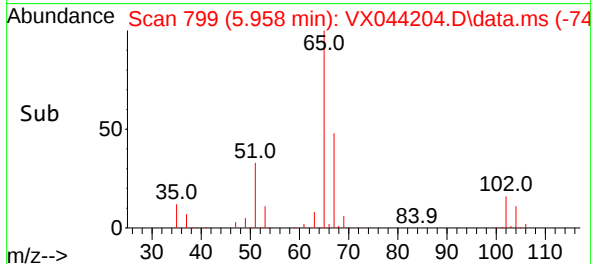
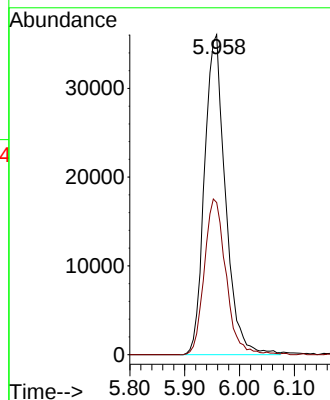
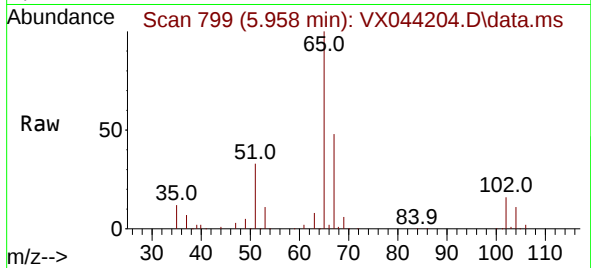




#33
 1,2-Dichloroethane-d4
 Concen: 49.841 ug/l
 RT: 5.958 min Scan# 797
 Delta R.T. 0.012 min
 Lab File: VX044204.D
 Acq: 10 Dec 2024 13:39

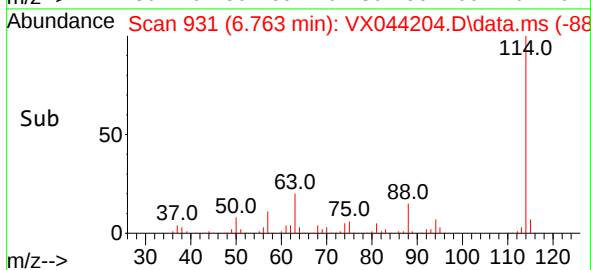
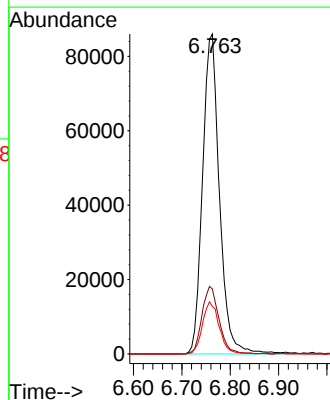
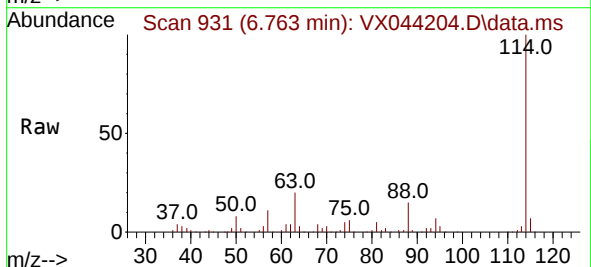
Instrument :
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 ClientSampleId :
 Storage-Blank-SOIL-REF-6

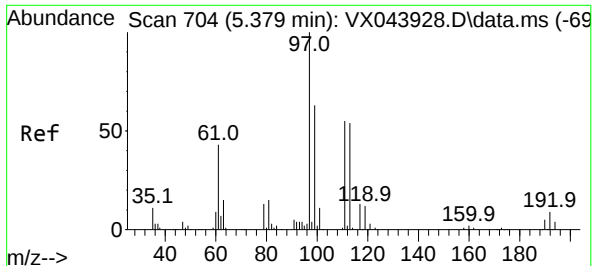
Tgt Ion: 65 Resp: 95385
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX044204.D
 Acq: 10 Dec 2024 13:39

Tgt Ion: 114 Resp: 208573
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.0
 88 14.8 0.0 32.4

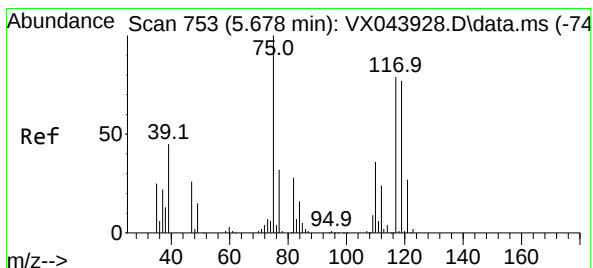
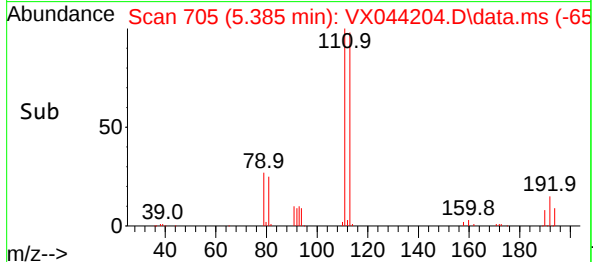
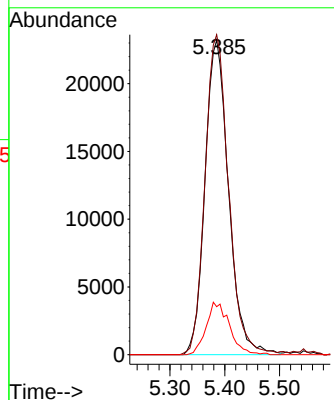
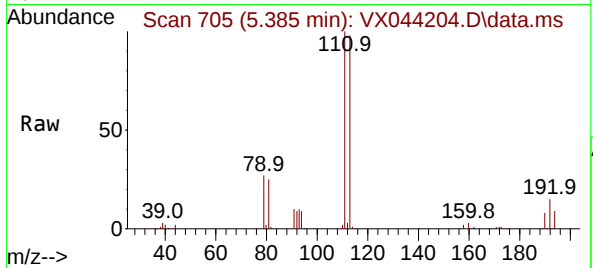




#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

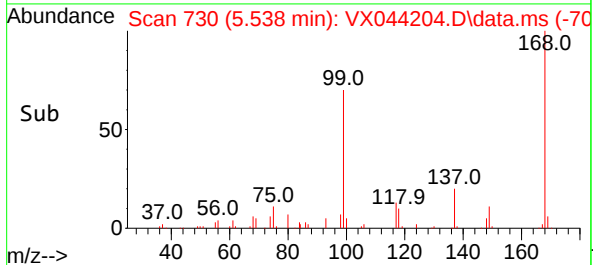
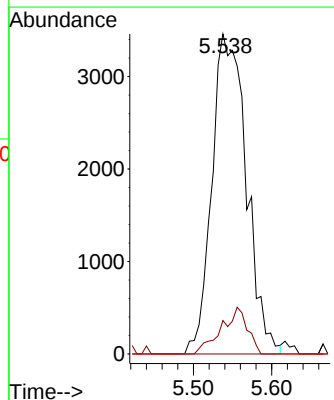
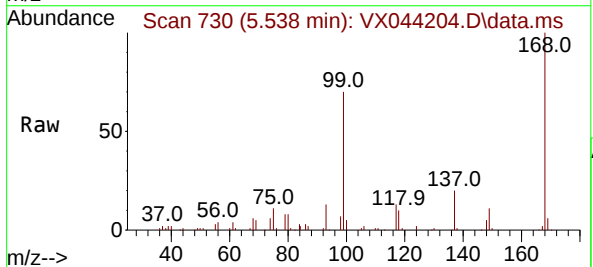
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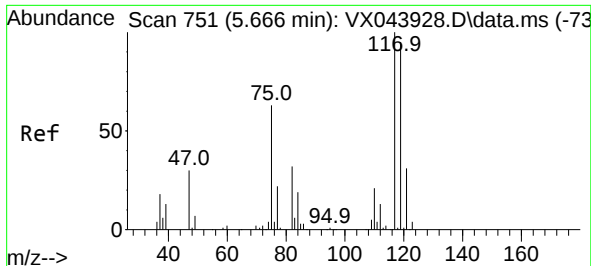
Tgt Ion:113 Resp: 69287
Ion Ratio Lower Upper
113 100
111 101.5 81.0 121.4
192 16.5 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.681 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

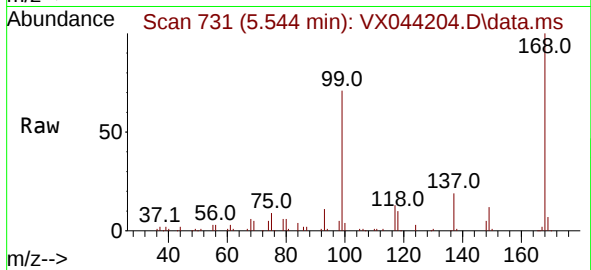
Tgt Ion: 75 Resp: 10550
Ion Ratio Lower Upper
75 100
110 11.1 17.4 52.2#
77 0.0 25.8 38.8#



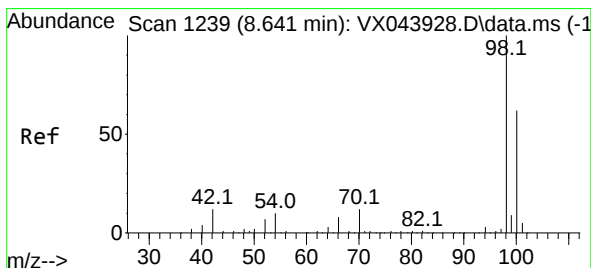
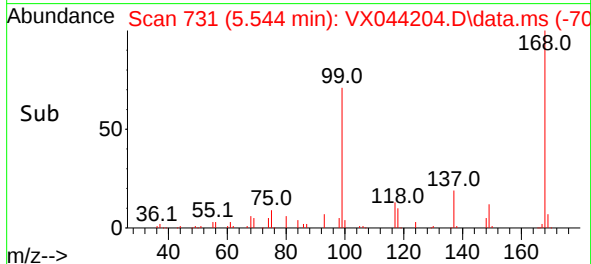
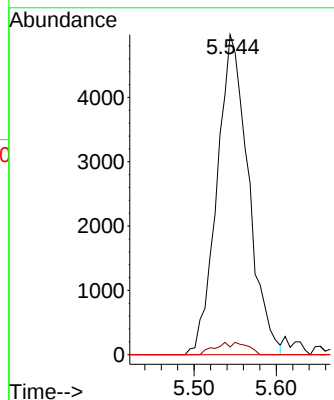


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Instrument :
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ClientSampleId :
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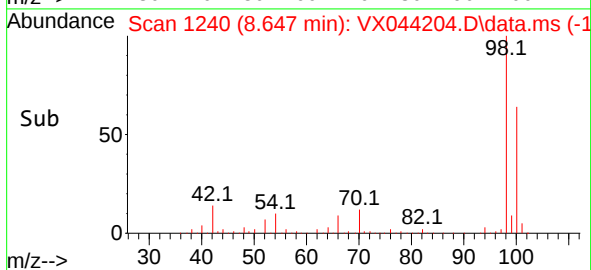
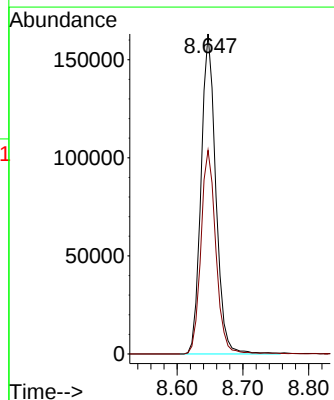
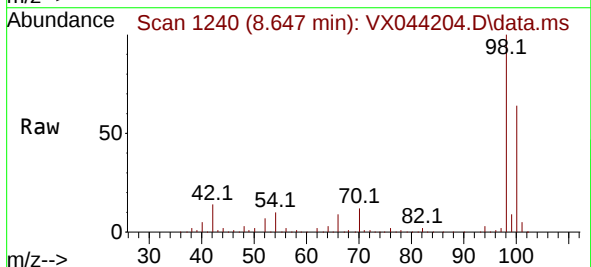


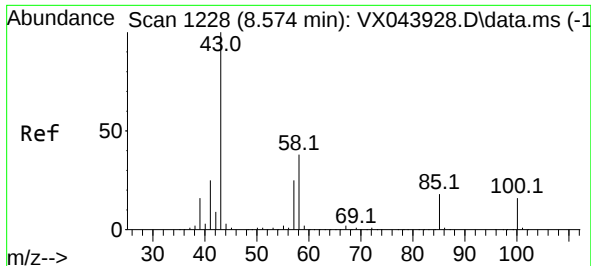
Tgt Ion:117 Resp: 13179
Ion Ratio Lower Upper
117 100
119 2.4 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Tgt Ion: 98 Resp: 254176
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0

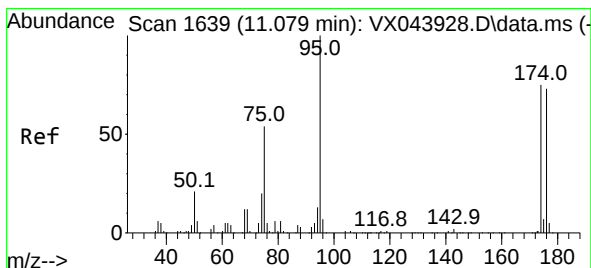
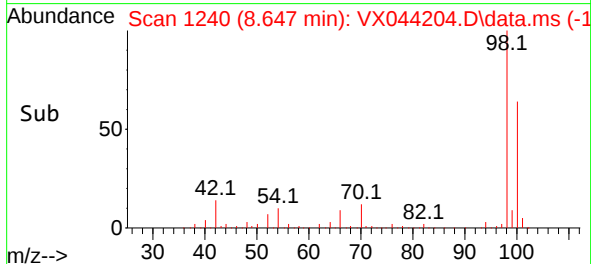
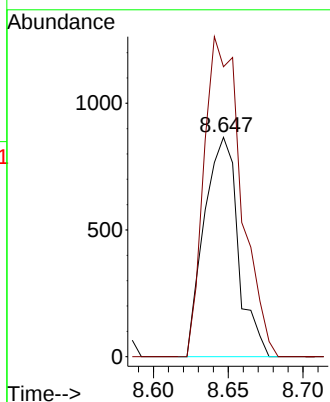
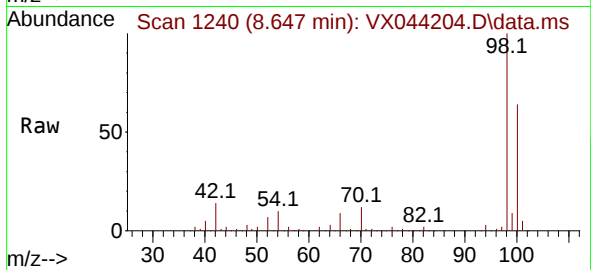




#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

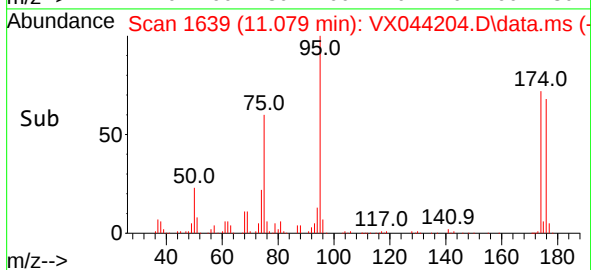
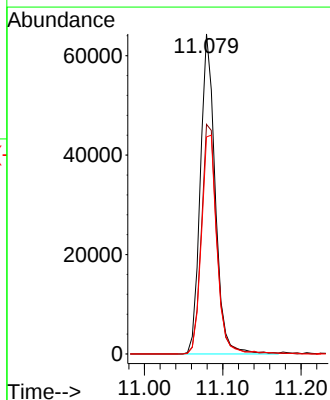
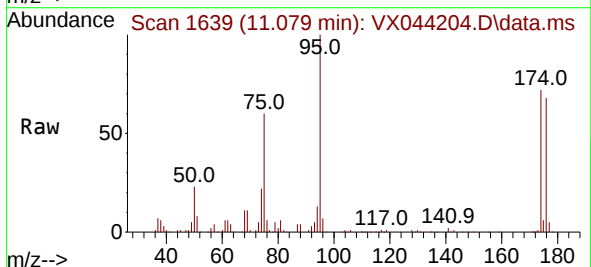
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

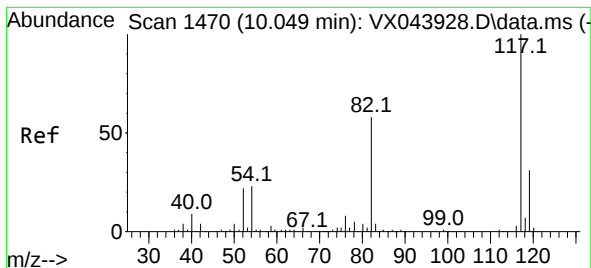
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 159.9 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Tgt Ion: 95 Resp: 84821
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 71.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044204.D

Acq: 10 Dec 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

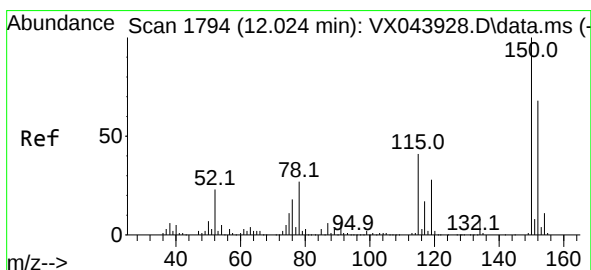
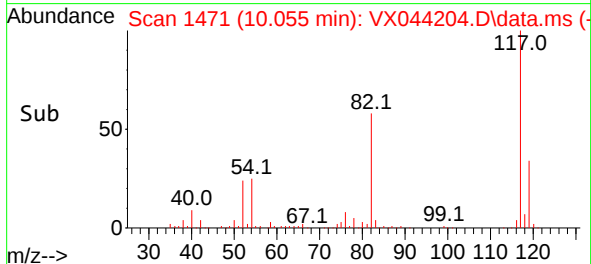
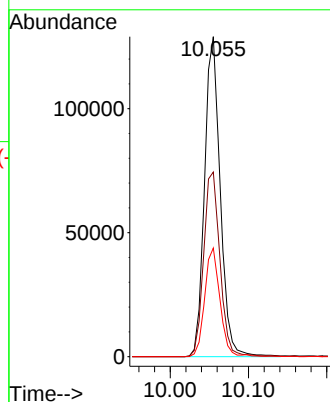
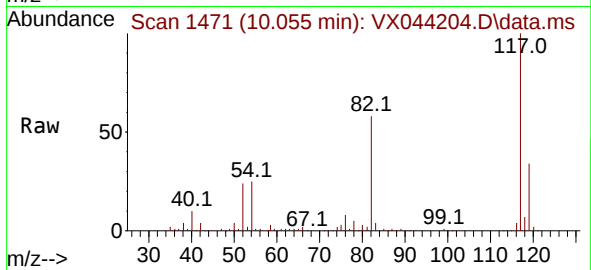
Tgt Ion:117 Resp: 179582

Ion Ratio Lower Upper

117 100

82 57.7 46.4 69.6

119 33.9 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044204.D

Acq: 10 Dec 2024 13:39

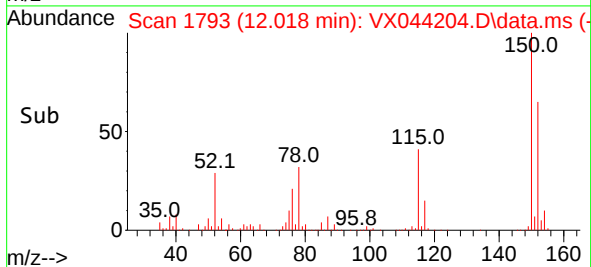
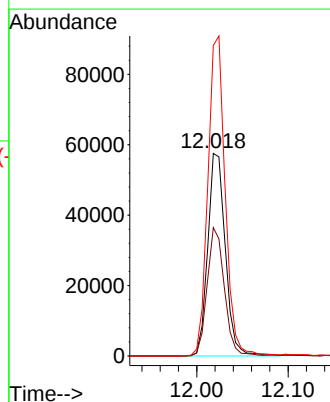
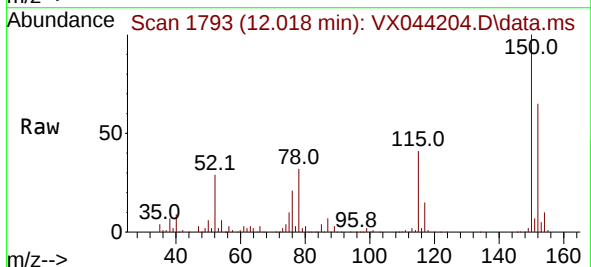
Tgt Ion:152 Resp: 76757

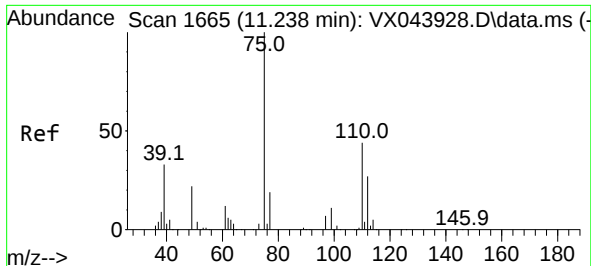
Ion Ratio Lower Upper

152 100

115 61.8 45.4 136.2

150 155.5 0.0 353.0

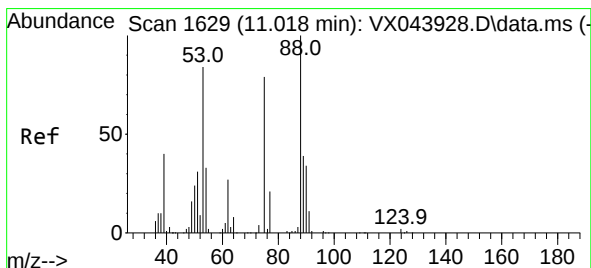
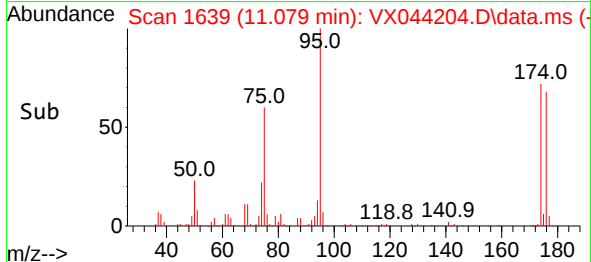
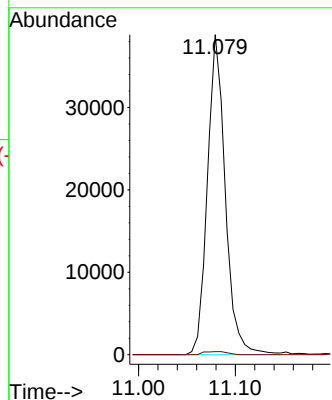
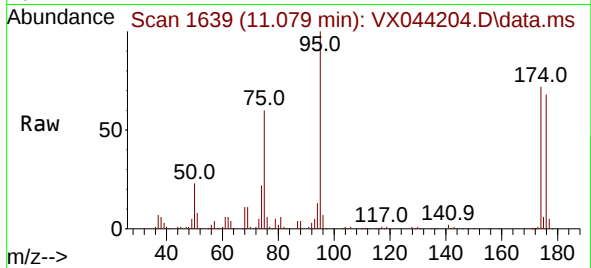




#76
1,2,3-Trichloropropane
Concen: 29.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

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

Tgt Ion: 75 Resp: 49991
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044204.D
Acq: 10 Dec 2024 13:39

Tgt Ion: 75 Resp: 49991
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

