

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044020.D
 Acq On : 26 Nov 2024 16:46
 Operator : JC/MD
 Sample : P4958-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Nov 27 00:55:56 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)

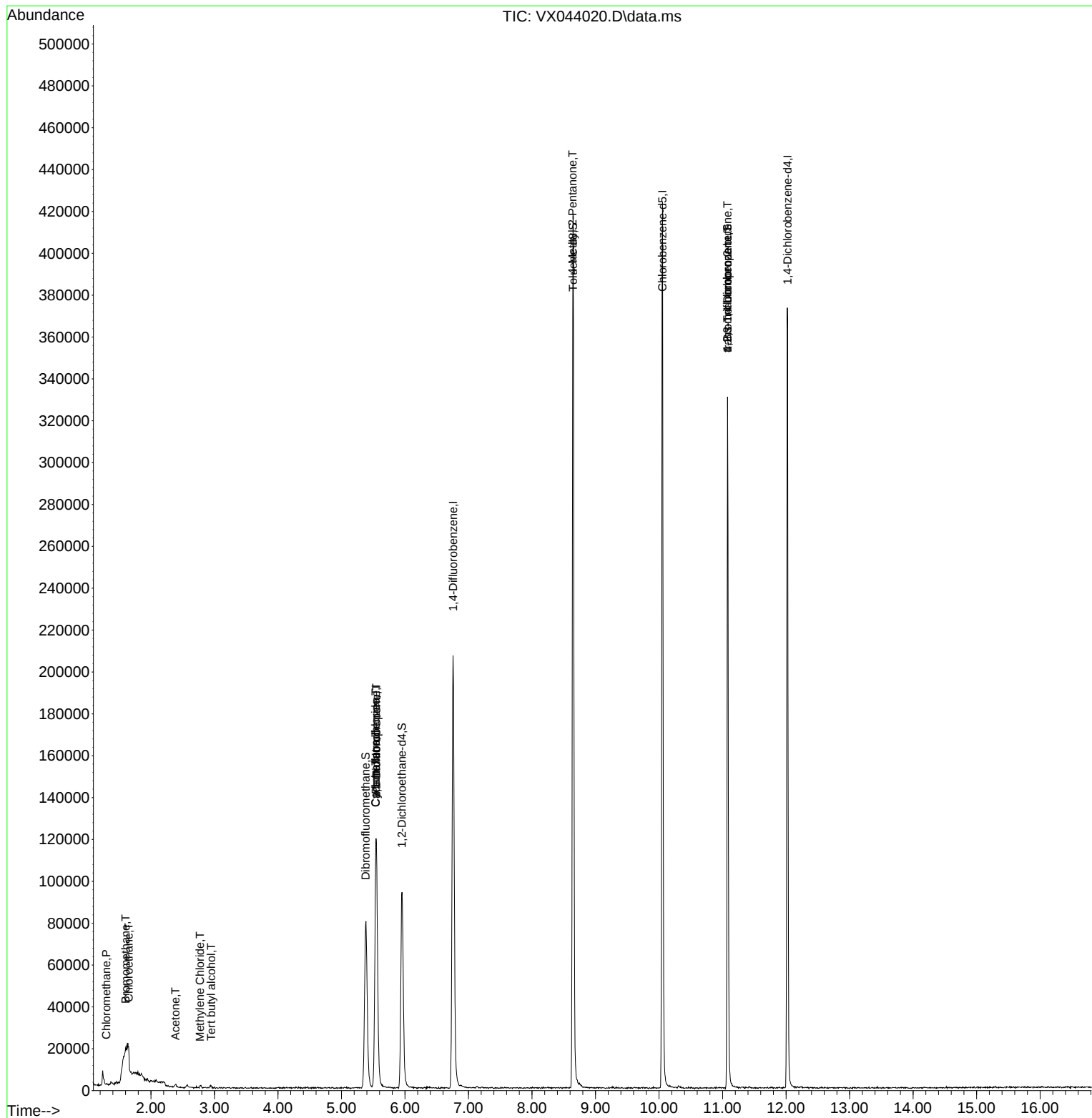
Internal Standards						
1) Pentafluorobenzene	5.543	168	108960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93033	49.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	5.379	113	69049	47.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	251269	49.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	83042	48.551	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	811	0.558	ug/l	99
5) Bromomethane	1.599	94	286	0.301	ug/l #	7
6) Chloroethane	1.648	64	317	0.337	ug/l #	36
11) Tert butyl alcohol	2.946	59	317	1.057	ug/l #	73
16) Acetone	2.385	43	1213	1.413	ug/l #	79
20) Methylene Chloride	2.770	84	522	0.358	ug/l #	59
31) Cyclohexane	5.537	56	3021	1.450	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	9831	5.411	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12106	5.930	ug/l #	18
51) 4-Methyl-2-Pentanone	8.640	43	1184	0.541	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.439	63	20	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	47206	28.484	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47206	77.726	ug/l #	7

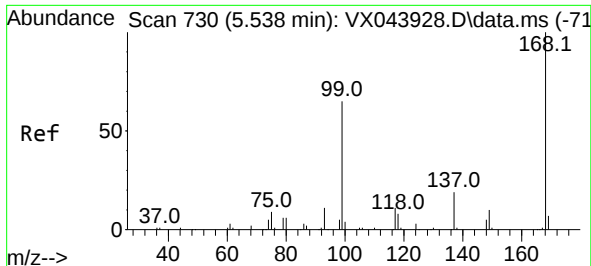
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 00:55:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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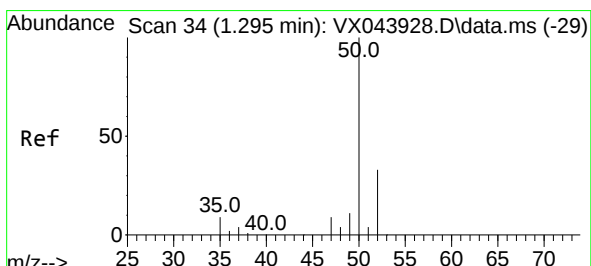
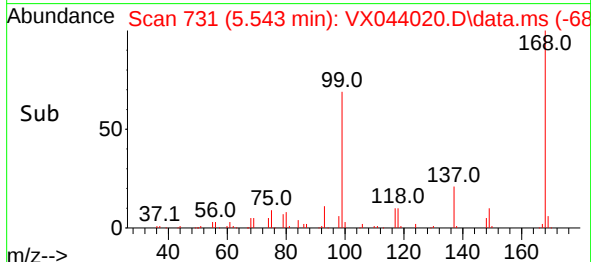
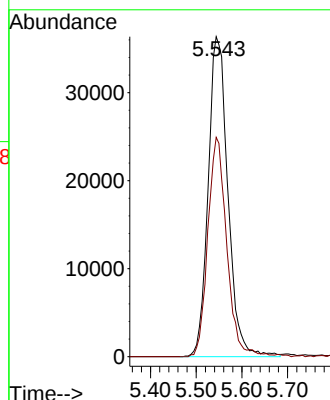
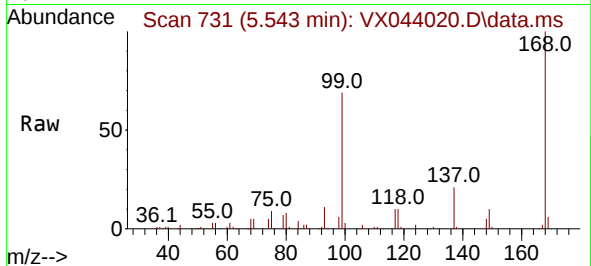




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

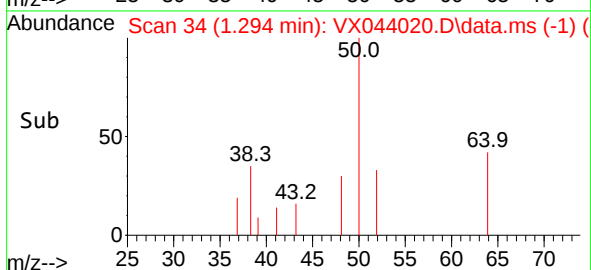
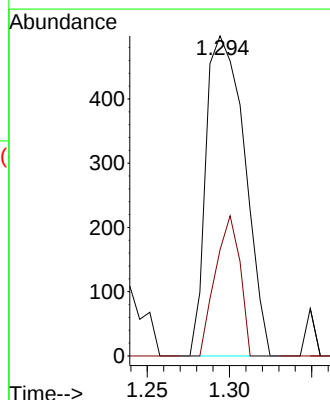
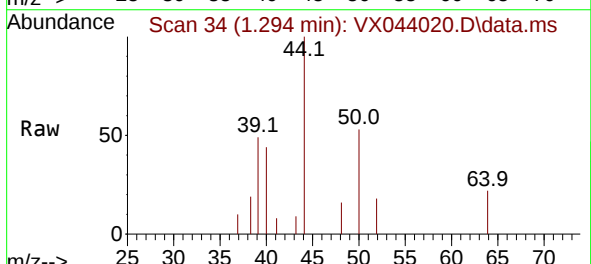
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

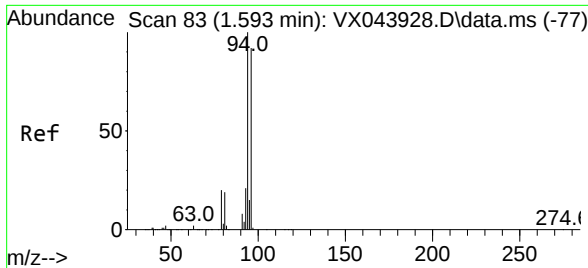
Tgt Ion:168 Resp: 108960
Ion Ratio Lower Upper
168 100
99 68.5 51.8 77.8



#3
Chloromethane
Concen: 0.558 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 50 Resp: 811
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1

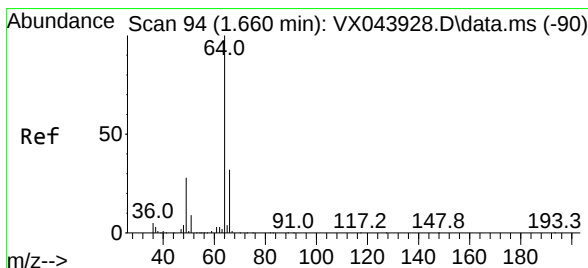
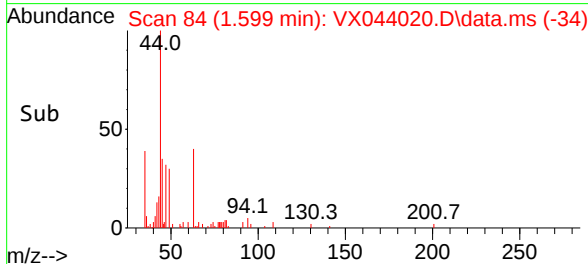
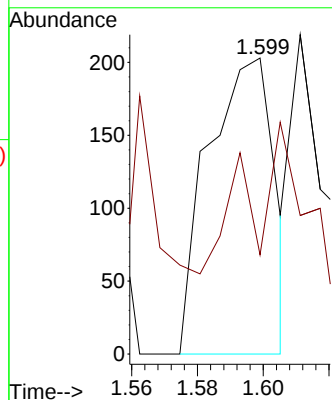
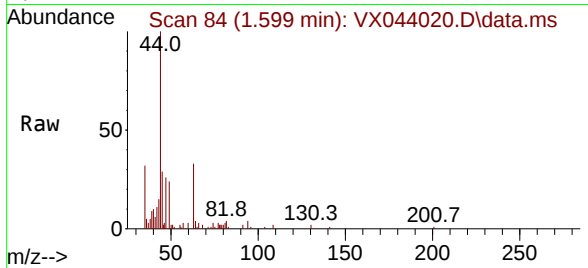




#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

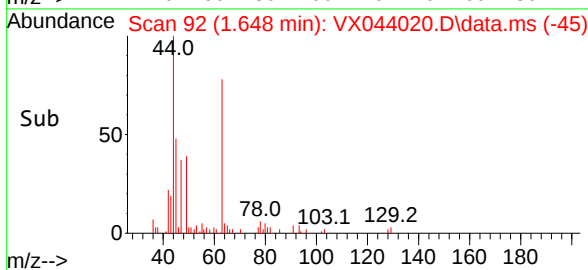
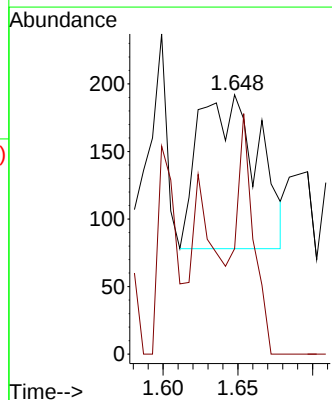
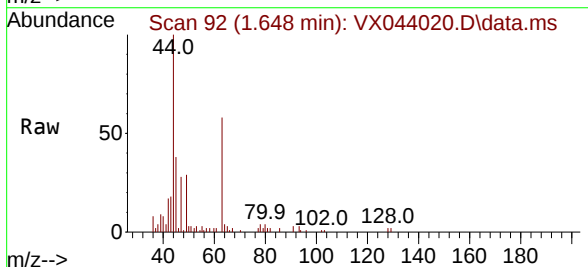
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

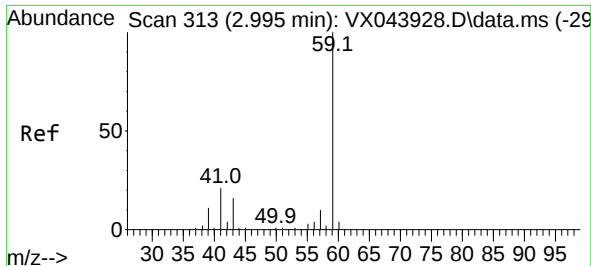
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 3.4 73.9 110.9#



#6
Chloroethane
Concen: 0.337 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.013 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 68.4 25.9 38.9#

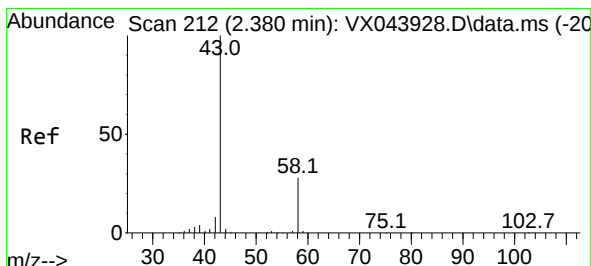
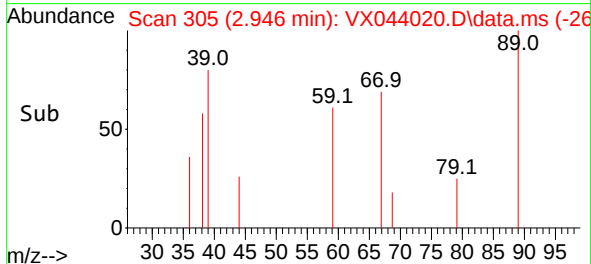
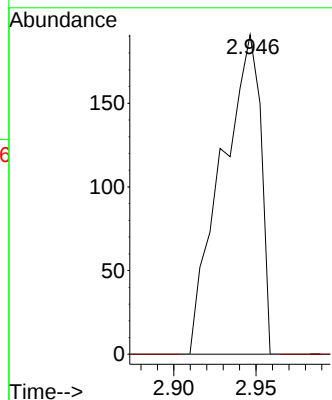
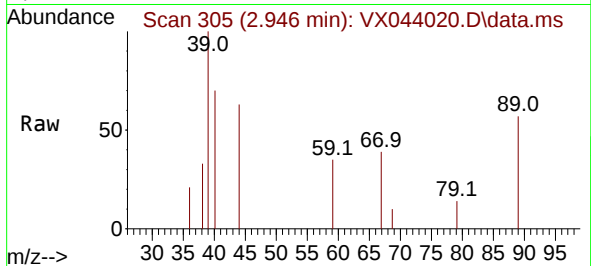




#11
Tert butyl alcohol
Concen: 1.057 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

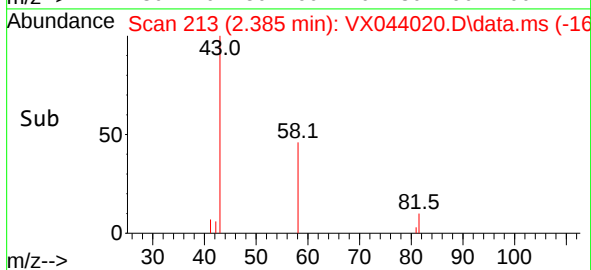
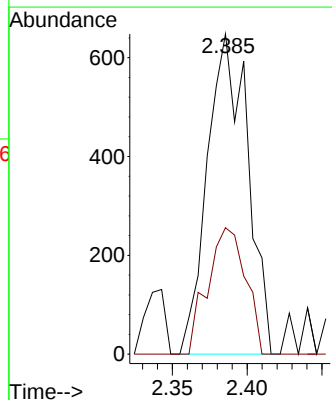
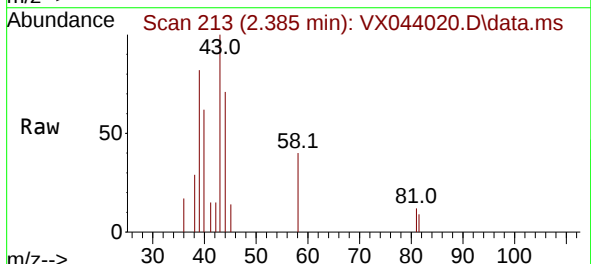
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

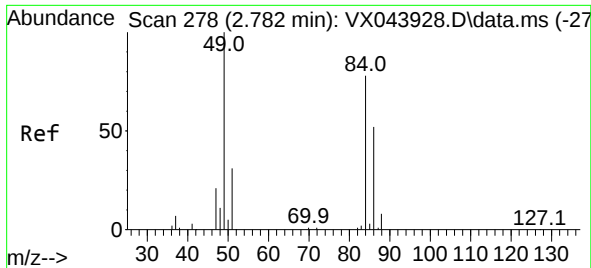
Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 1.413 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 39.5 22.7 34.1#

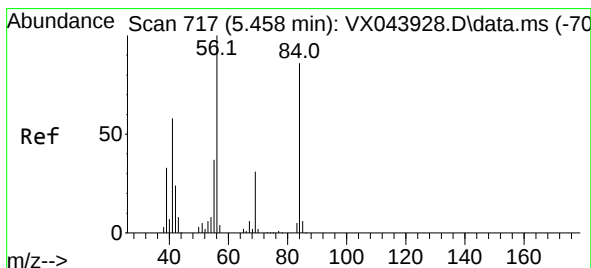
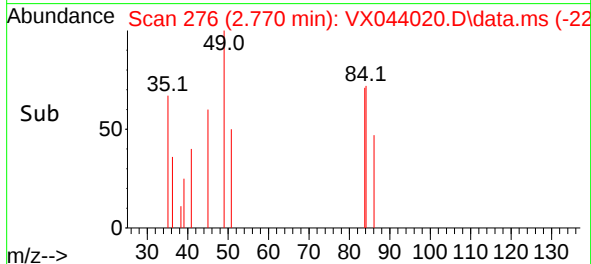
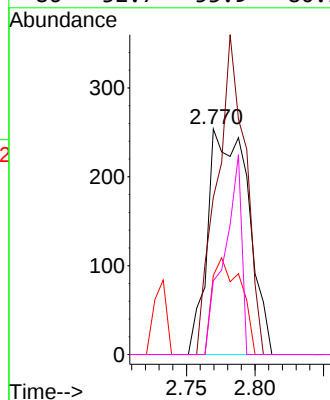
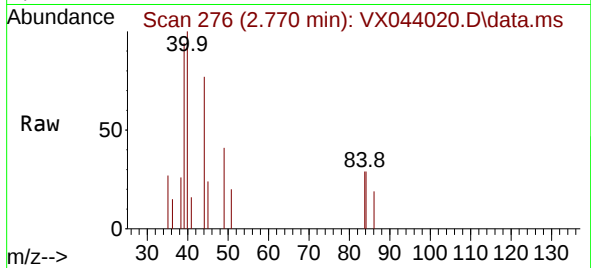




#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.013 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

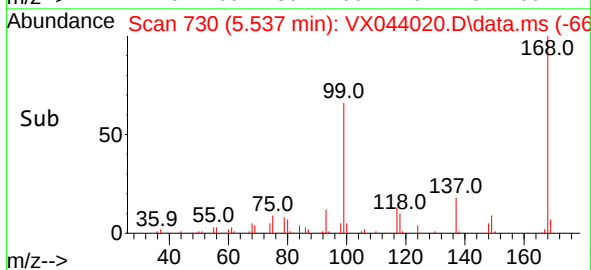
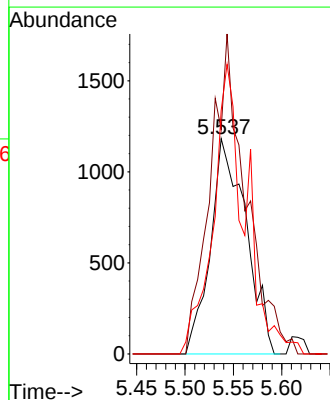
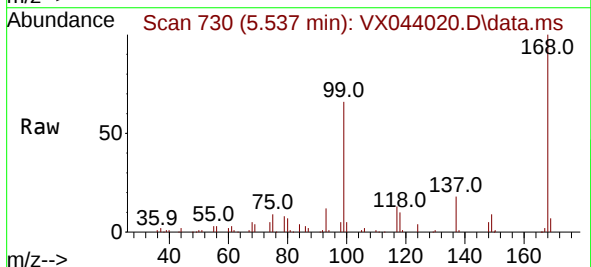
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

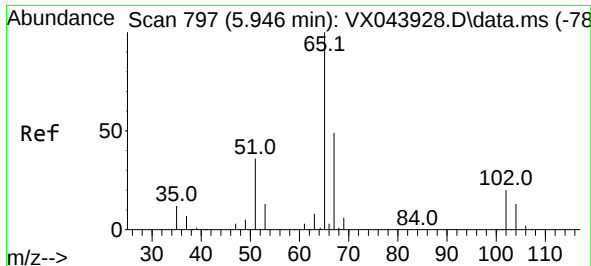
Tgt Ion:	84	Resp:	522
Ion	Ratio	Lower	Upper
84	100		
49	69.7	102.7	154.1#
51	35.0	31.7	47.5
86	32.7	53.9	80.9#



#31
Cyclohexane
Concen: 1.450 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion:	56	Resp:	3021
Ion	Ratio	Lower	Upper
56	100		
69	104.2	24.7	37.1#
84	113.0	68.7	103.1#





#33

1,2-Dichloroethane-d4

Concen: 49.781 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

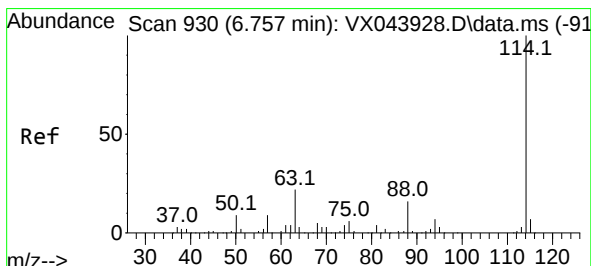
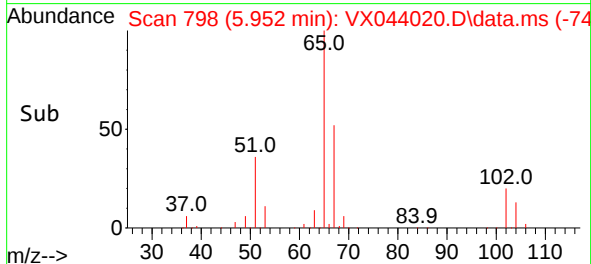
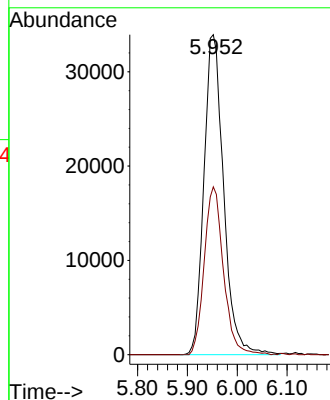
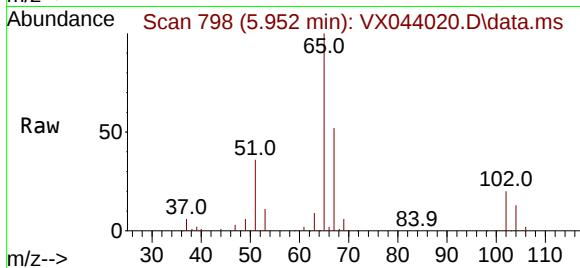
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 93033

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044020.D

Acq: 26 Nov 2024 16:46

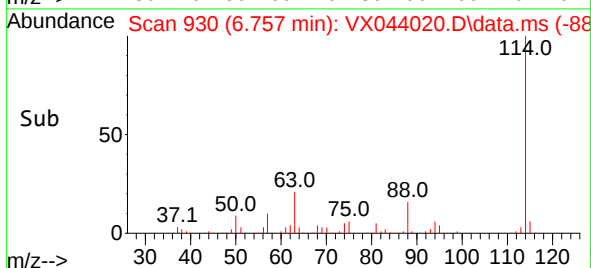
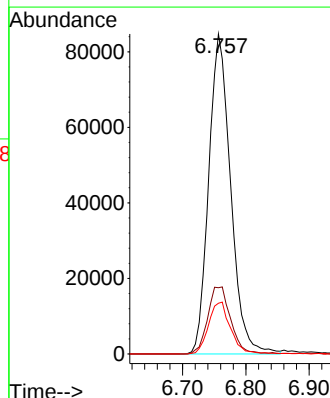
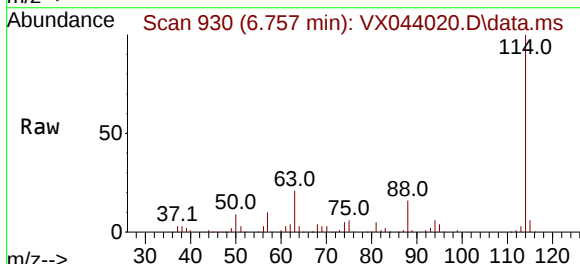
Tgt Ion: 114 Resp: 204039

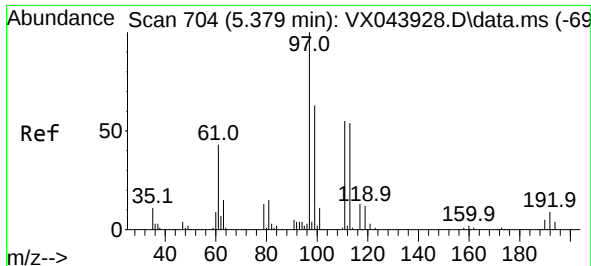
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.8 0.0 32.4

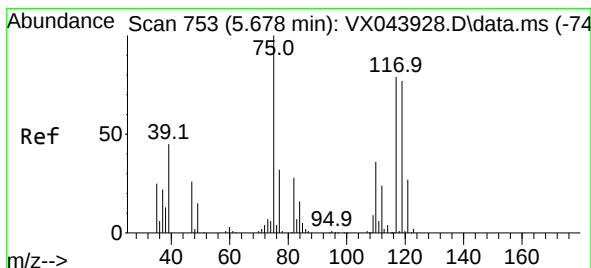
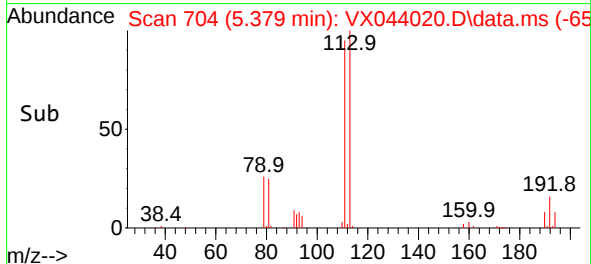
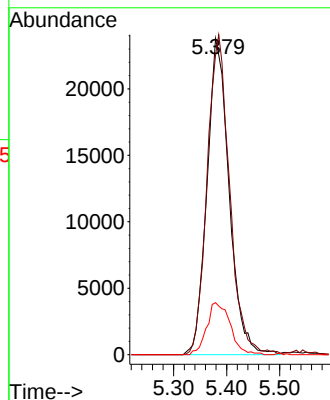
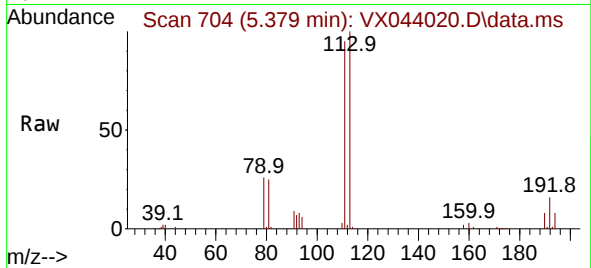




#35
Dibromofluoromethane
Concen: 47.360 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

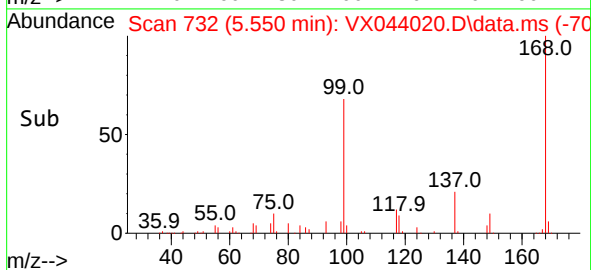
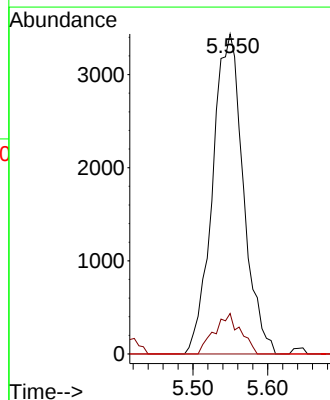
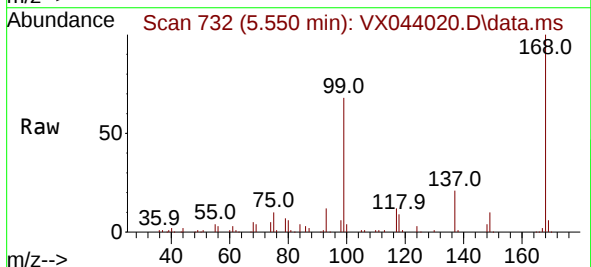
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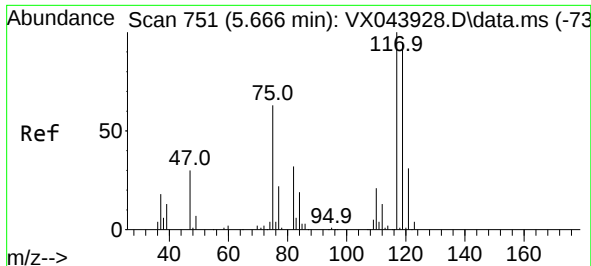
Tgt Ion:113 Resp: 69049
Ion Ratio Lower Upper
113 100
111 101.8 81.0 121.4
192 17.5 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.411 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

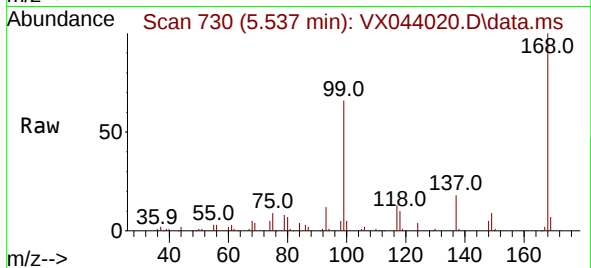
Tgt Ion: 75 Resp: 9831
Ion Ratio Lower Upper
75 100
110 10.7 17.4 52.2#
77 0.0 25.8 38.8#



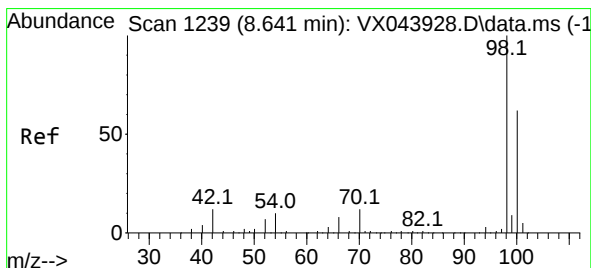
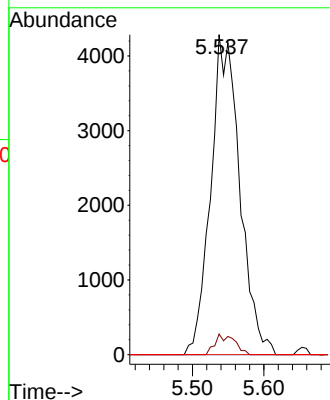
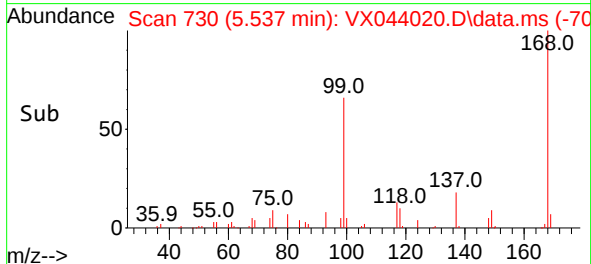


#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

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

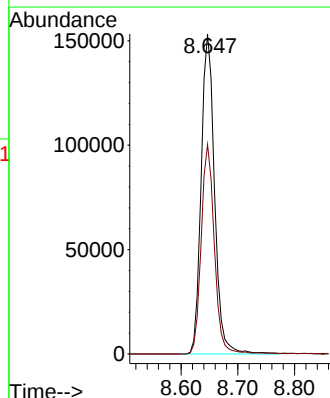
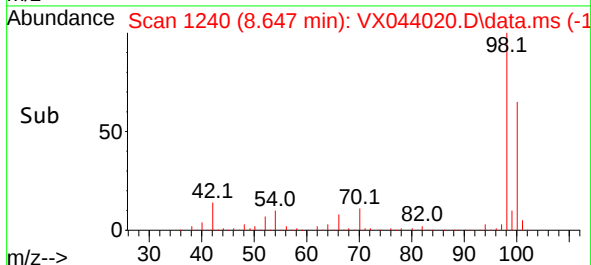
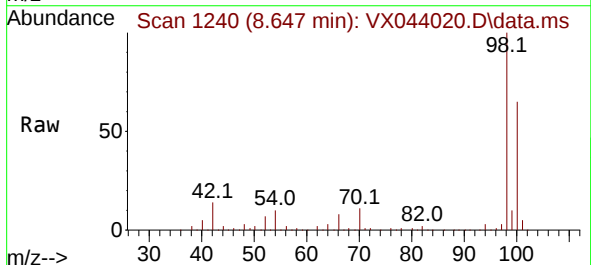


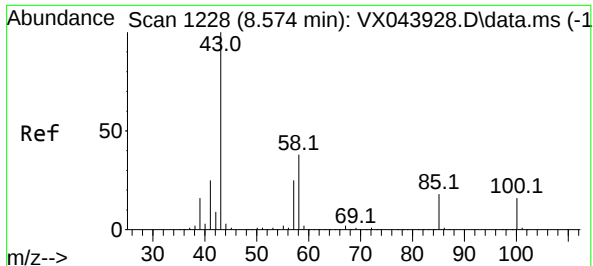
Tgt Ion:117 Resp: 12106
Ion Ratio Lower Upper
117 100
119 6.4 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 98 Resp: 251269
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0

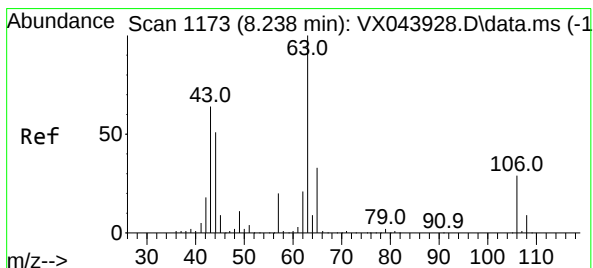
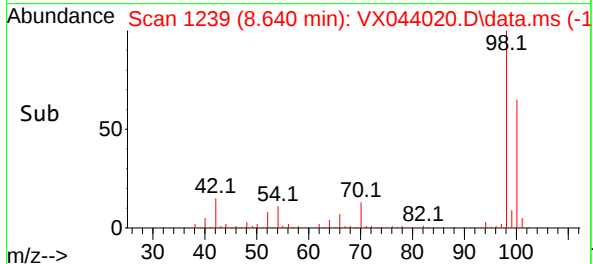
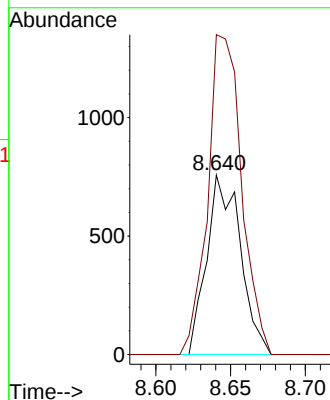
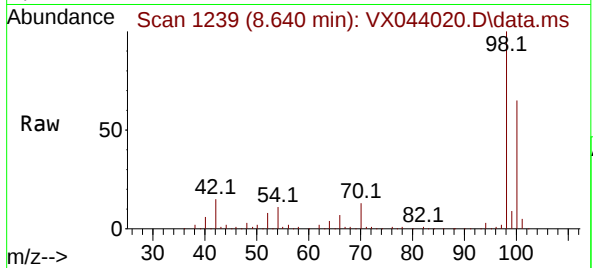




#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.640 min Scan# 1184
Delta R.T. 0.067 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

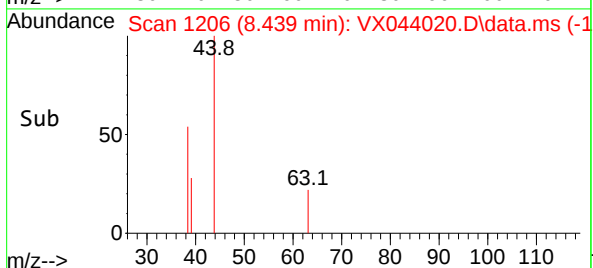
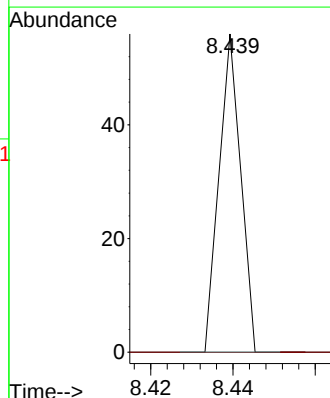
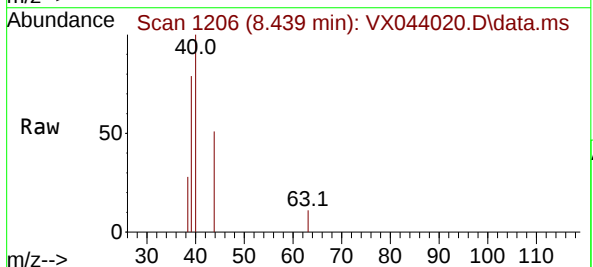
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

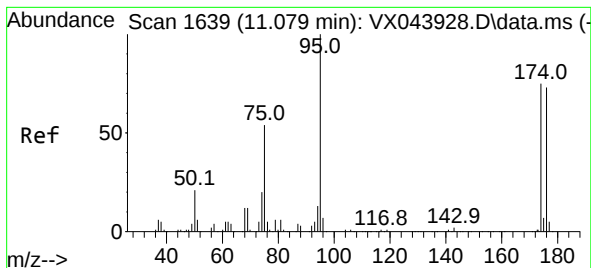
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 179.8 30.0 45.0#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.439 min Scan# 1206
Delta R.T. 0.201 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

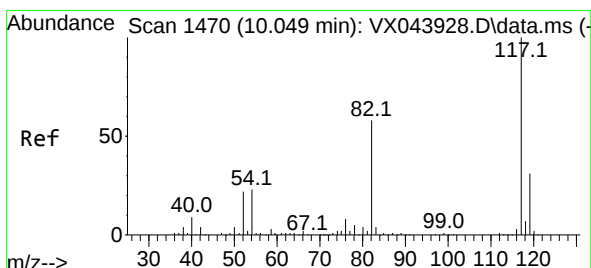
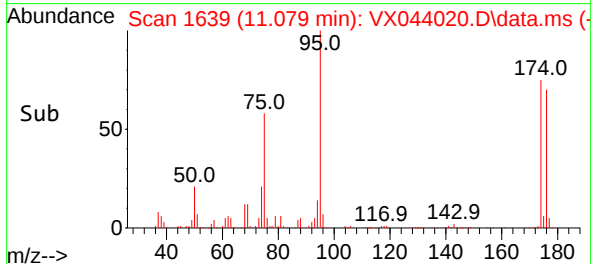
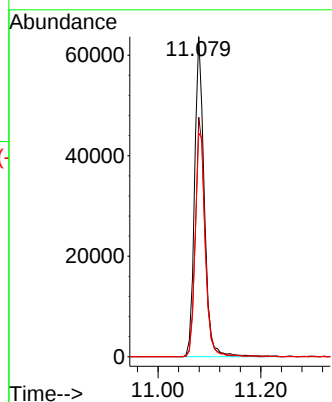
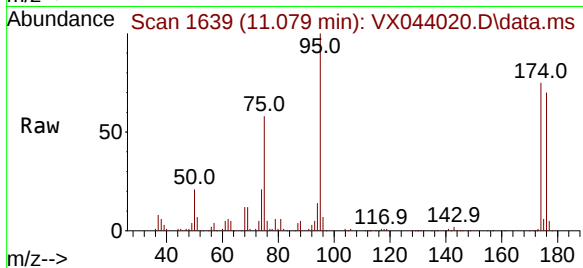




#62
4-Bromofluorobenzene
Concen: 48.551 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

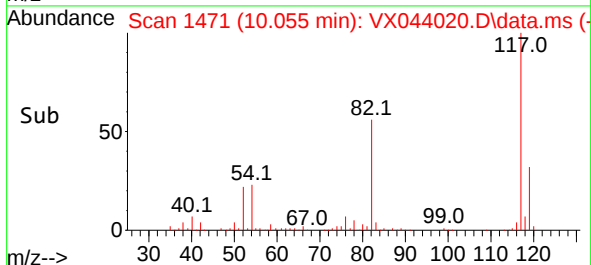
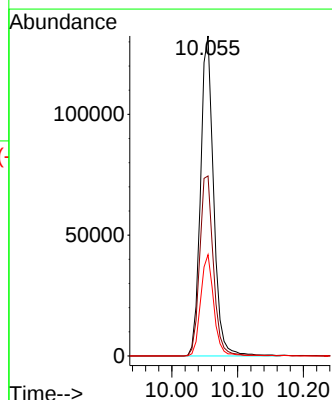
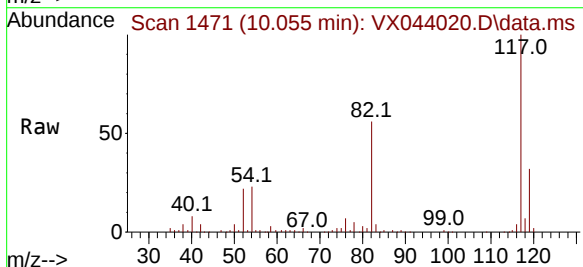
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

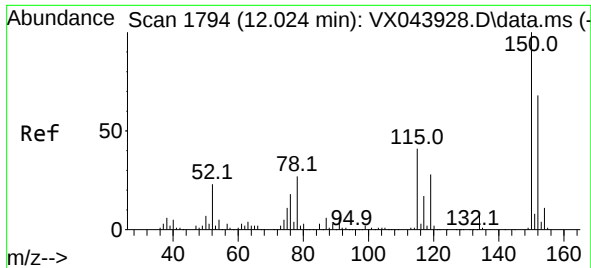
Tgt Ion: 95 Resp: 83042
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.4
176 72.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044020.D
Acq: 26 Nov 2024 16:46

Tgt Ion: 117 Resp: 183579
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 31.7 24.6 37.0

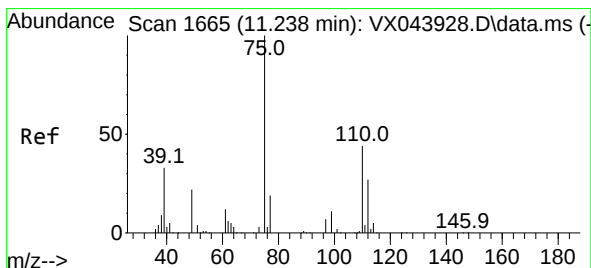
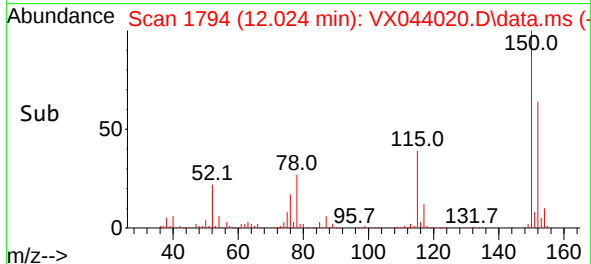
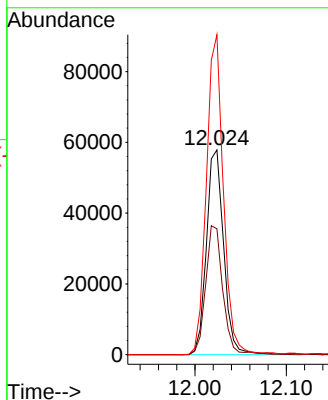
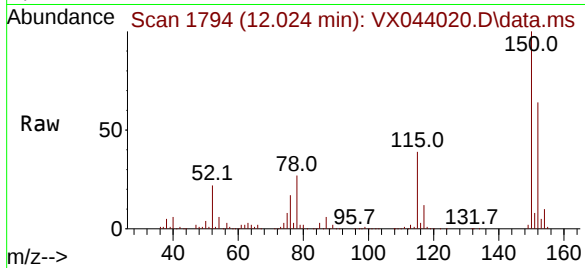




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044020.D
 Acq: 26 Nov 2024 16:46

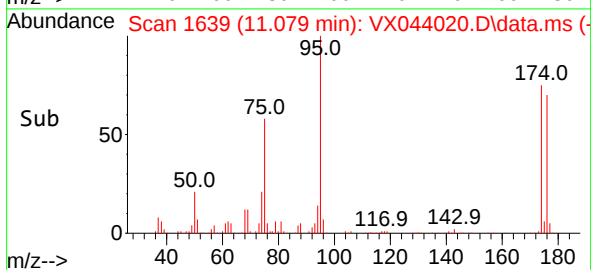
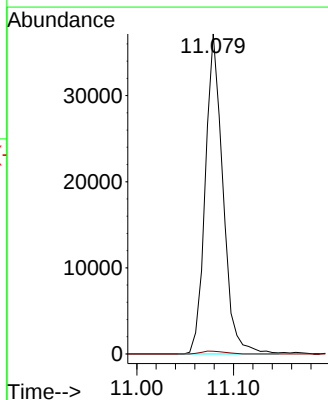
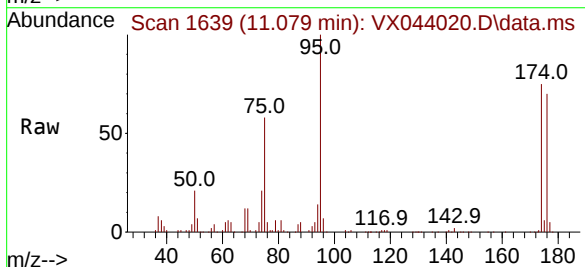
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

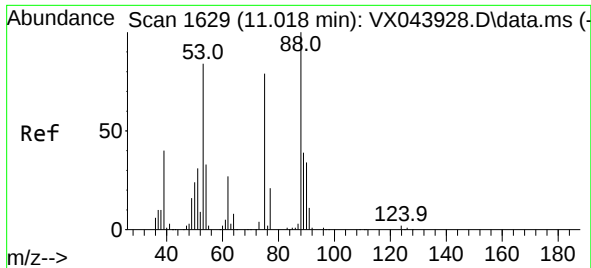
Tgt Ion:152 Resp: 75572
 Ion Ratio Lower Upper
 152 100
 115 62.7 45.4 136.2
 150 154.0 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.484 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044020.D
 Acq: 26 Nov 2024 16:46

Tgt Ion: 75 Resp: 47206
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.726 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044020.D
 Acq: 26 Nov 2024 16:46

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

Tgt Ion: 75 Resp: 47206
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.7 130.1#
 89 0.0 38.2 57.2#

