

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031731.D
 Acq On : 28 Sep 2022 16:51
 Operator : JC/MD
 Sample : N4691-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 29 04:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

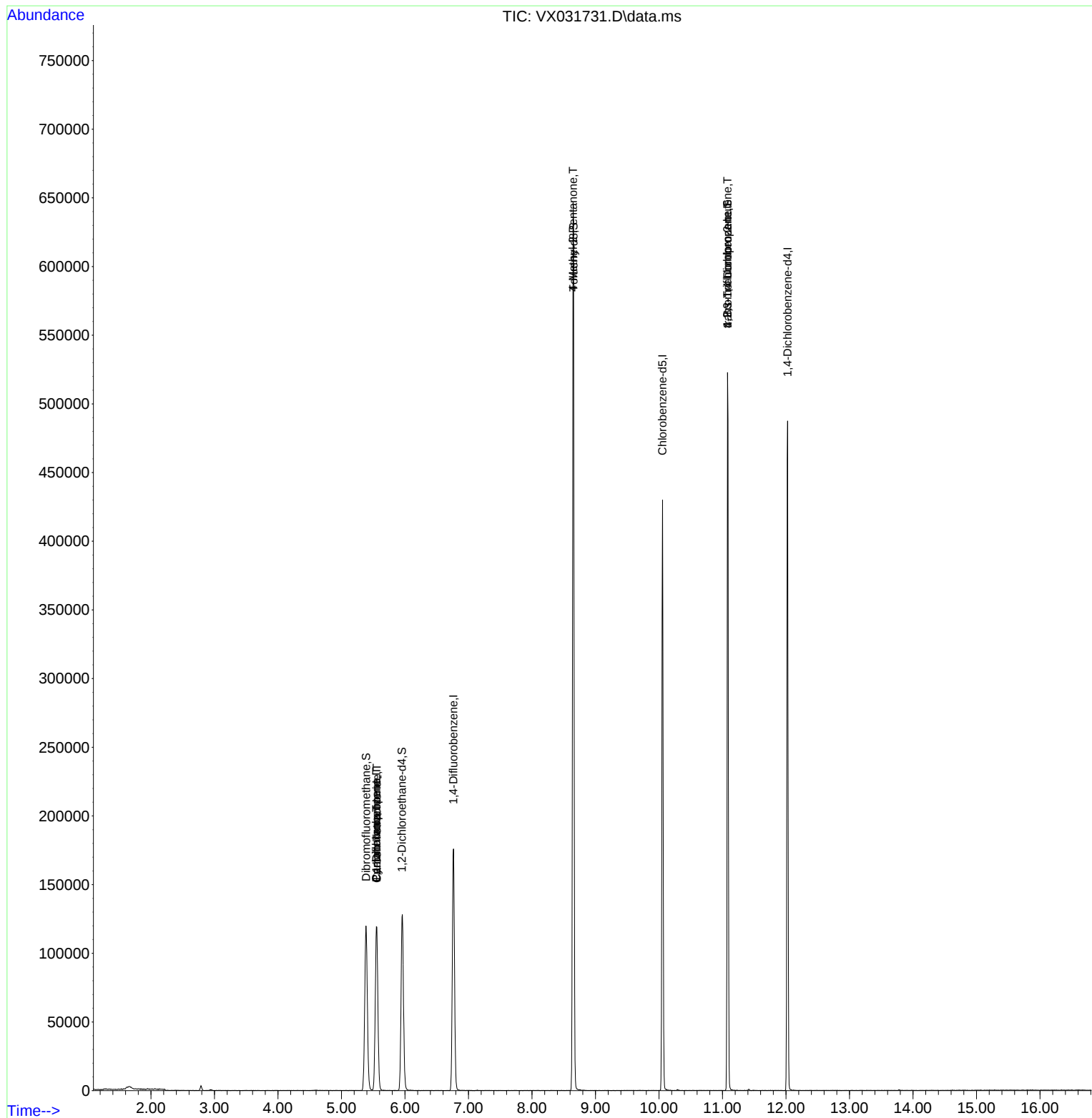
Internal Standards						
1) Pentafluorobenzene	5.550	168	113152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122667	51.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.160%
35) Dibromofluoromethane	5.385	113	100655	46.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	382168	48.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	129365	44.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.420%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	55	Below Cal	#	41
5) Bromomethane	1.618	94	425	Below Cal		87
6) Chloroethane	1.679	64	29	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	372	Below Cal	#	73
13) Acrolein	2.215	56	20	Below Cal	#	15
16) Acetone	2.398	43	256	Below Cal	#	45
17) Carbon Disulfide	2.508	76	22	Below Cal	#	75
20) Methylene Chloride	2.794	84	1374	Below Cal	#	77
31) Cyclohexane	5.550	56	2475	1.084	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	9235	3.693	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11790	4.183	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1475	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70502	39.433	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	70502	129.014	ug/l #	11

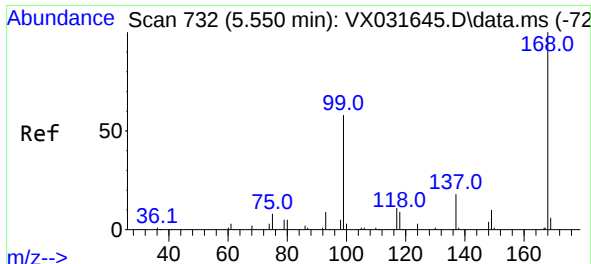
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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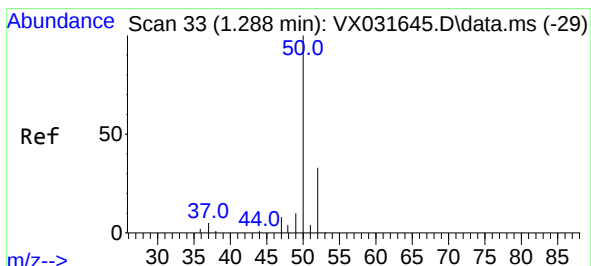
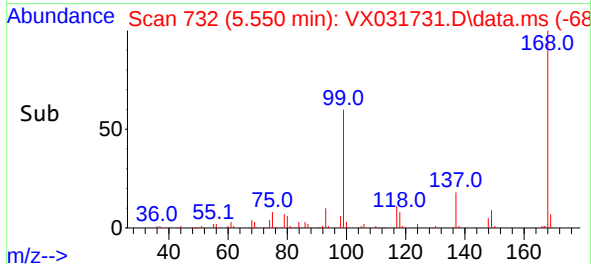
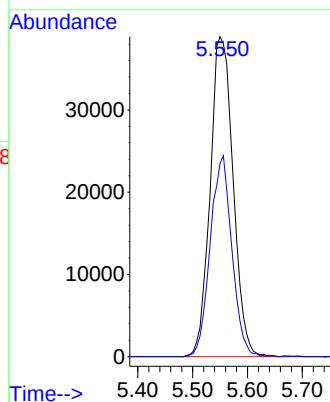
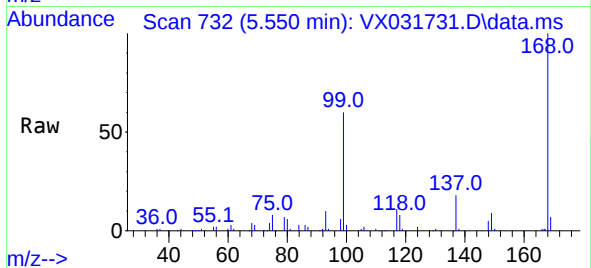




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

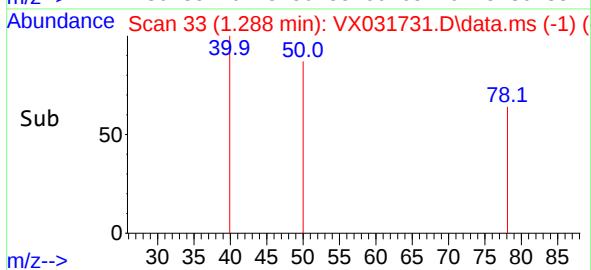
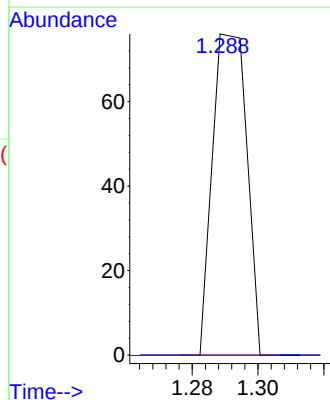
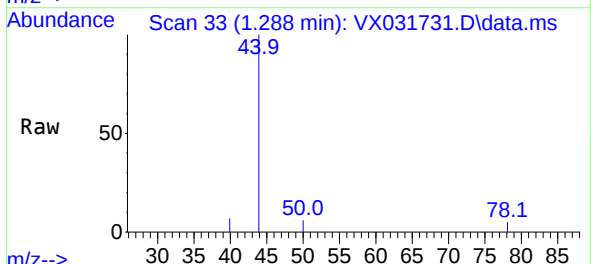
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 113152
Ion Ratio Lower Upper
168 100
99 60.4 48.8 73.2

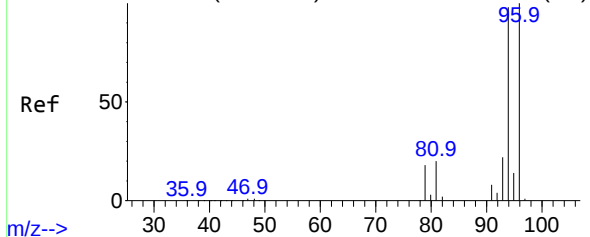


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 50 Resp: 55
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)

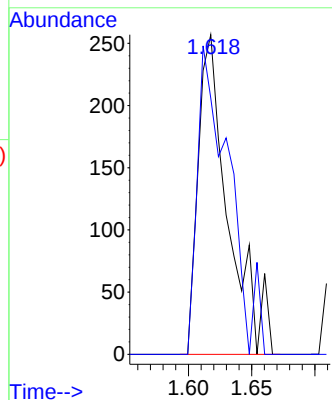
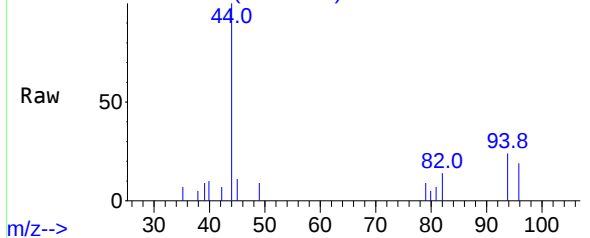


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

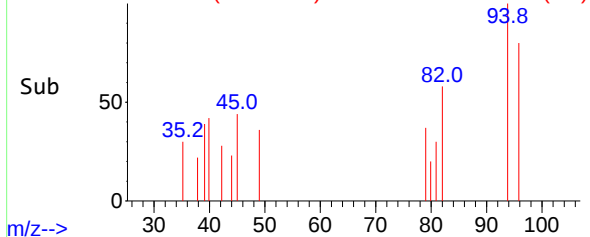
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 80.2 74.4 111.6

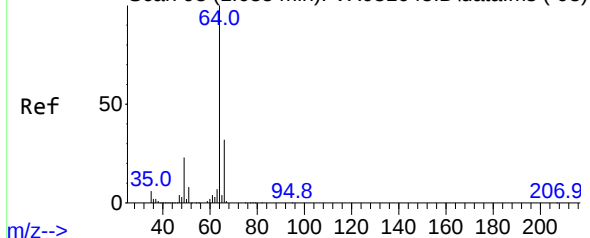
Abundance Scan 87 (1.618 min): VX031731.D\data.ms



Abundance Scan 87 (1.618 min): VX031731.D\data.ms (-37)



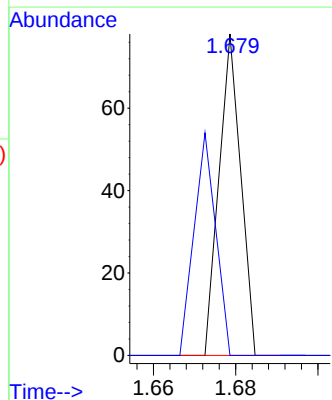
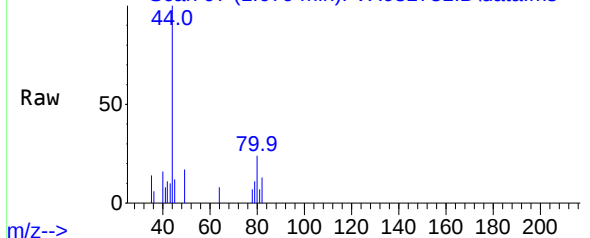
Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



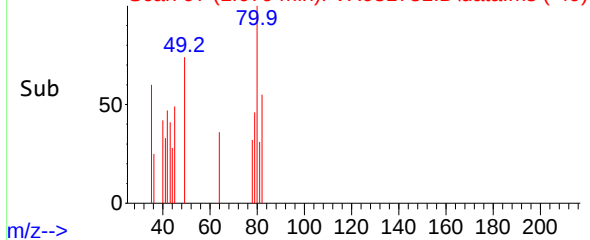
#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

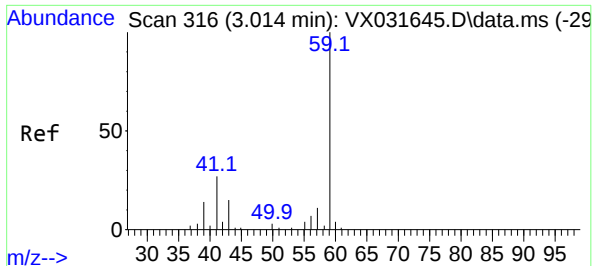
Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

Abundance Scan 97 (1.679 min): VX031731.D\data.ms



Abundance Scan 97 (1.679 min): VX031731.D\data.ms (-49)

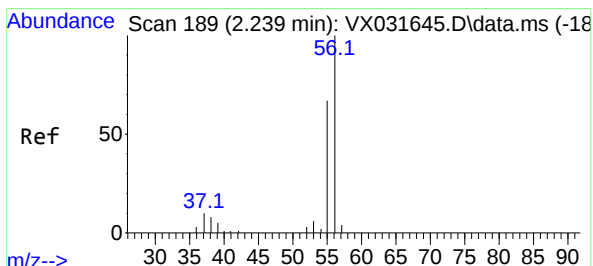
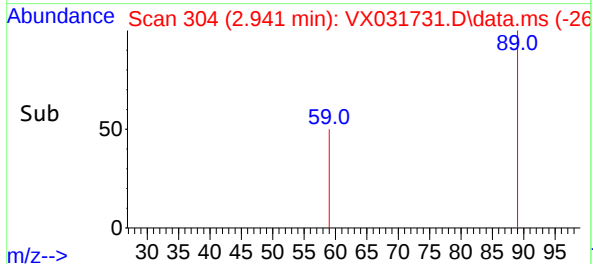
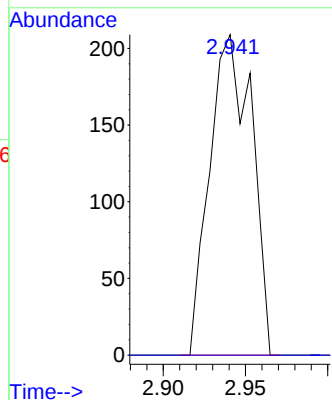
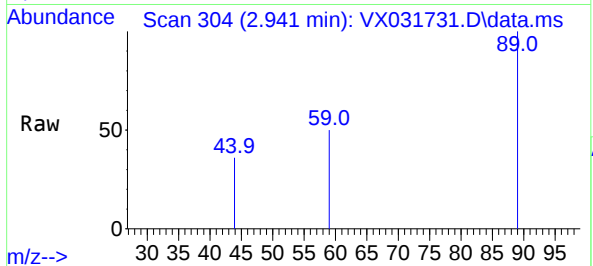




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

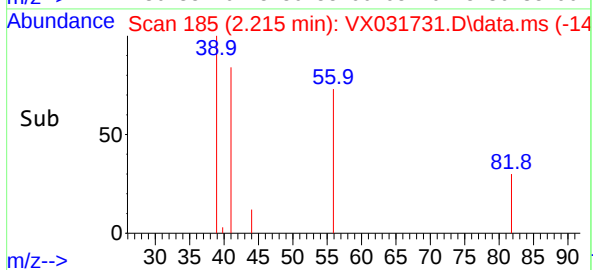
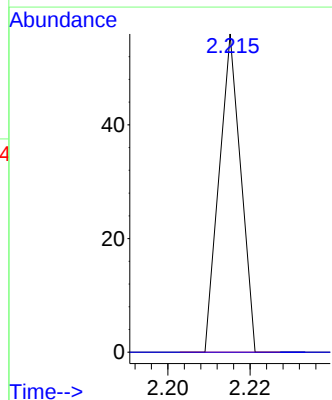
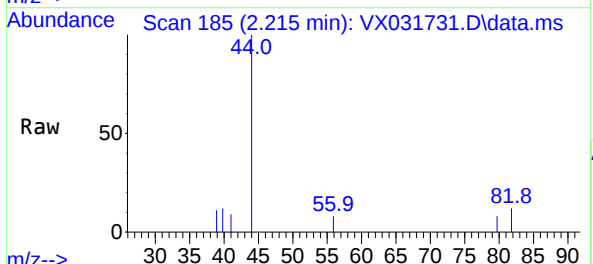
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

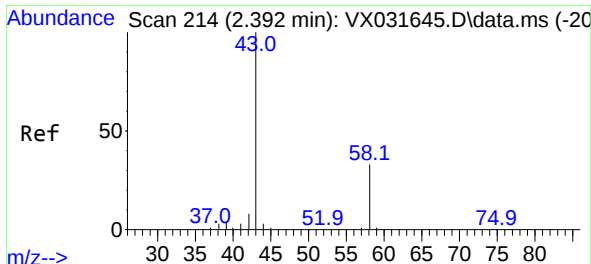
Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

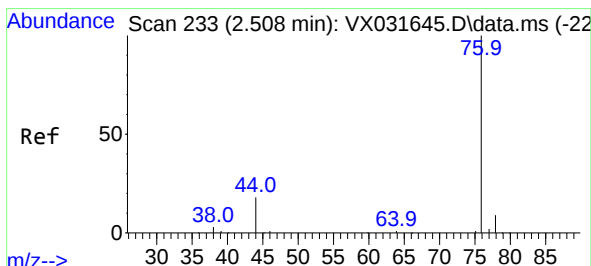
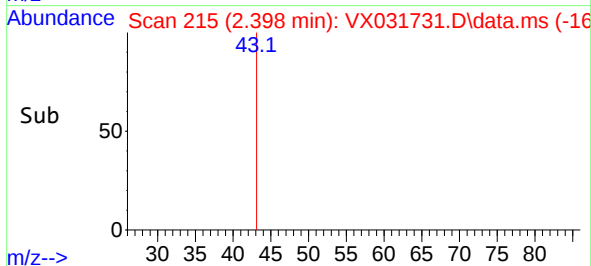
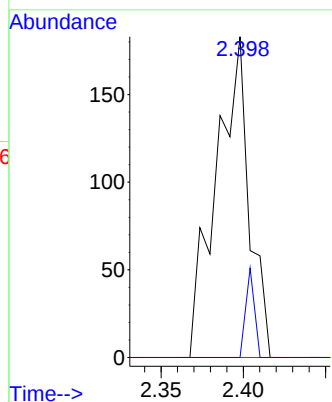
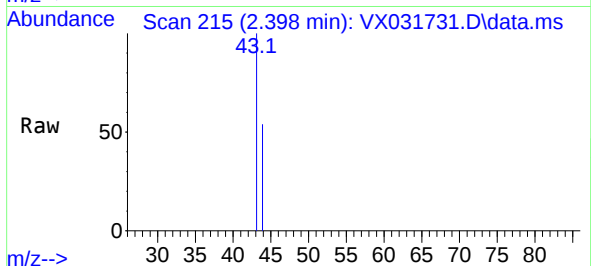




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

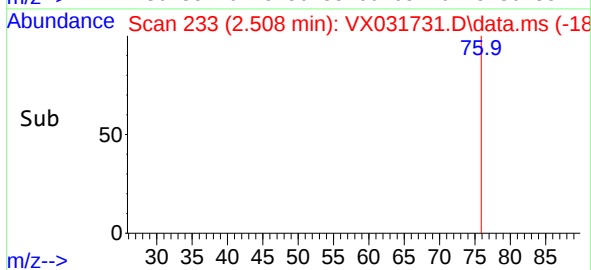
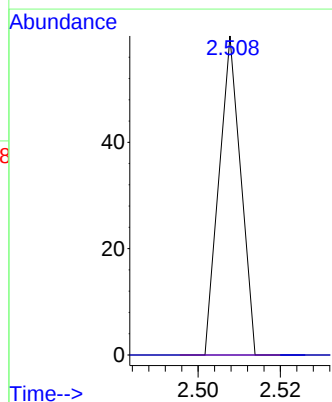
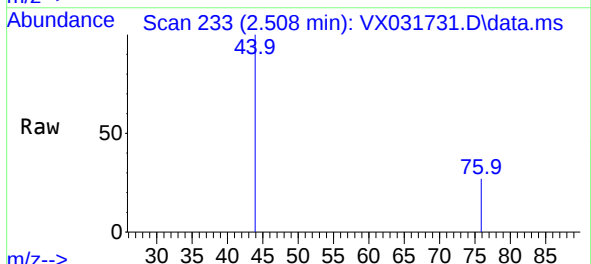
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

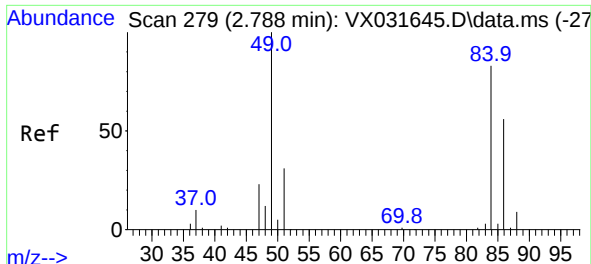
Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

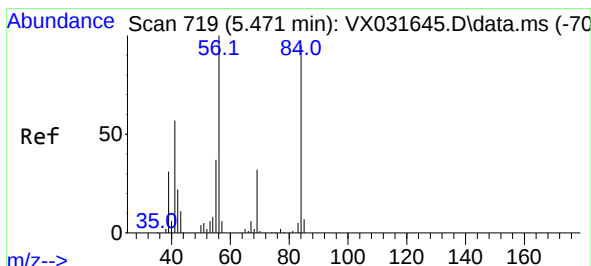
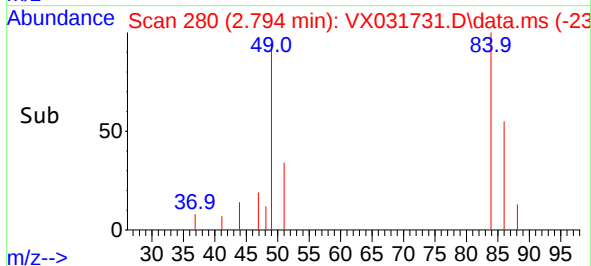
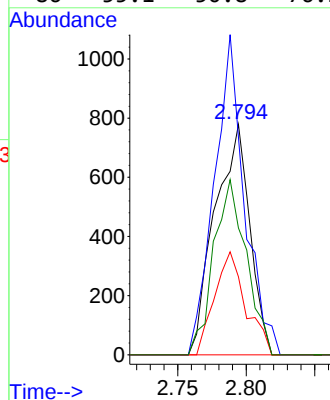
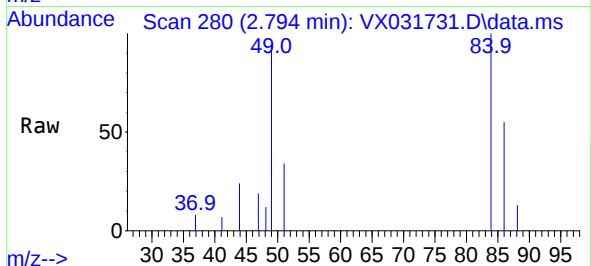




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

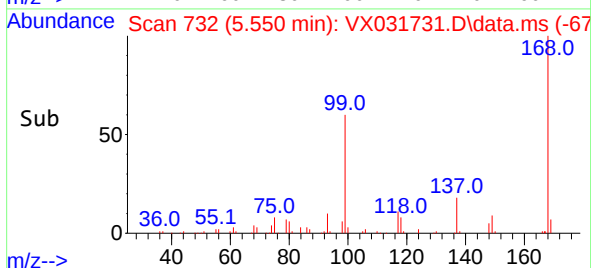
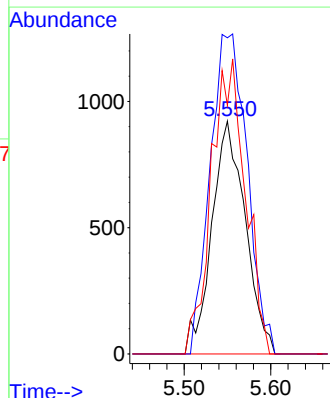
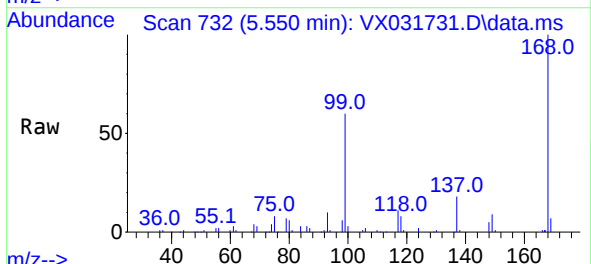
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

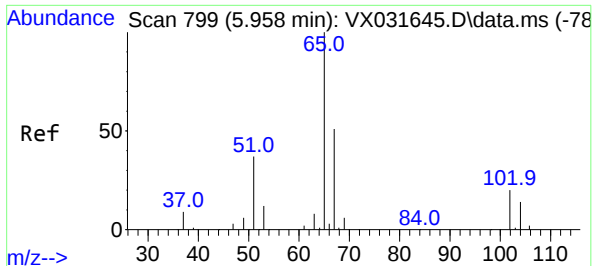
Tgt Ion: 84 Resp: 1374
Ion Ratio Lower Upper
84 100
49 94.5 105.9 158.9#
51 33.9 32.2 48.2
86 55.1 50.8 76.2



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 56 Resp: 2475
Ion Ratio Lower Upper
56 100
69 135.8 25.1 37.7#
84 106.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 51.078 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031731.D

Acq: 28 Sep 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

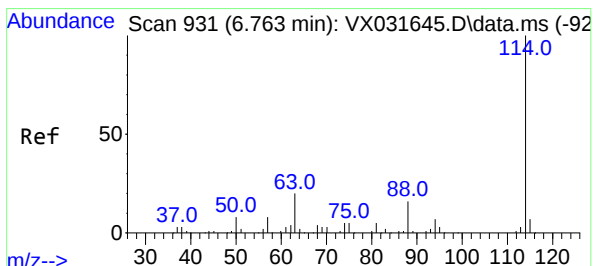
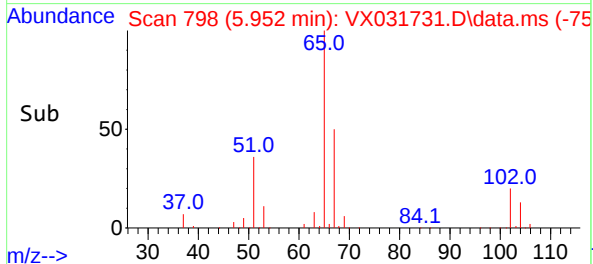
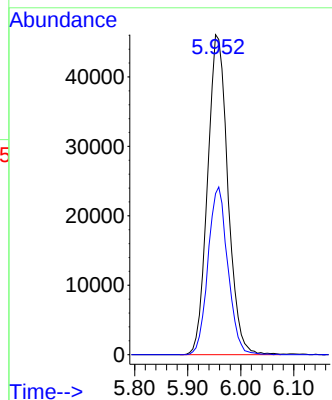
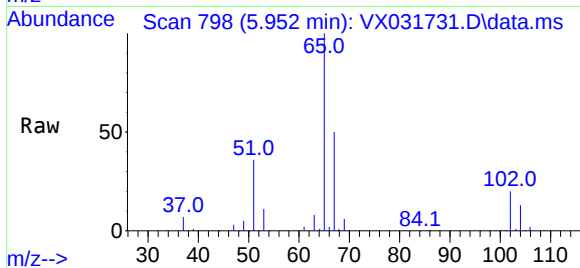
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 122667

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031731.D

Acq: 28 Sep 2022 16:51

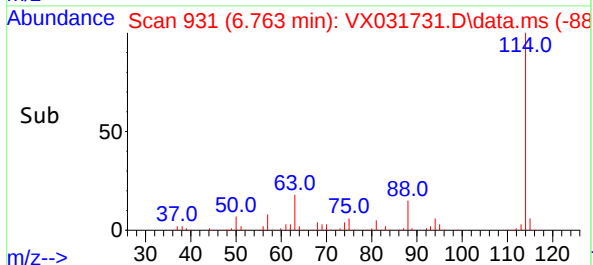
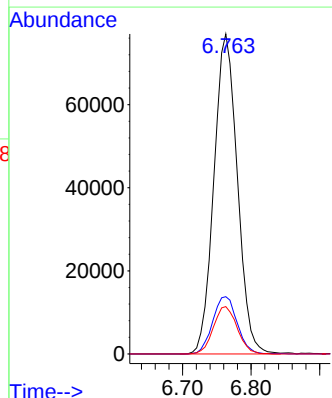
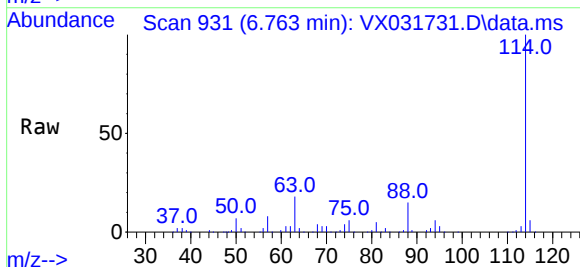
Tgt Ion: 114 Resp: 182748

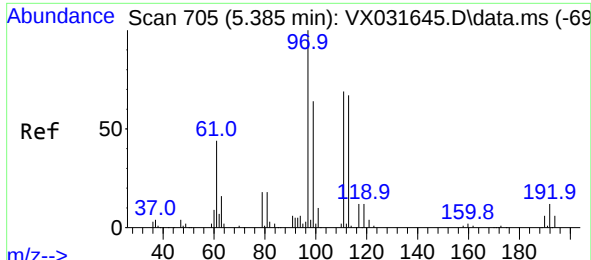
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.6

88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.225 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031731.D

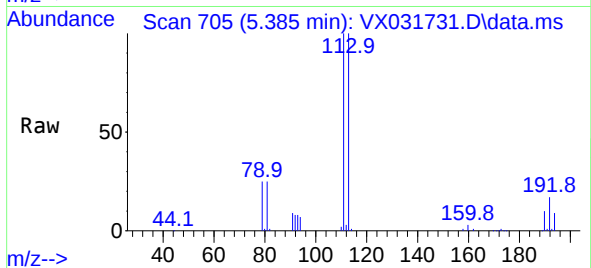
Acq: 28 Sep 2022 16:51

Instrument :

MSVOA_X

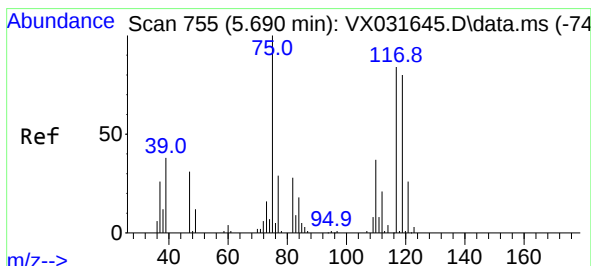
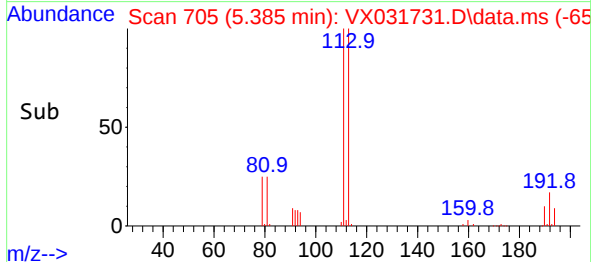
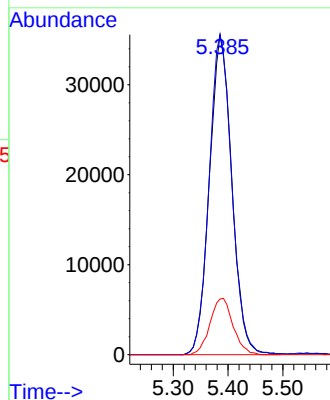
ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:113 Resp: 100655

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.4	123.6
192	18.1	14.1	21.1



#36

1,1-Dichloropropene

Concen: 3.693 ug/l

RT: 5.550 min Scan# 732

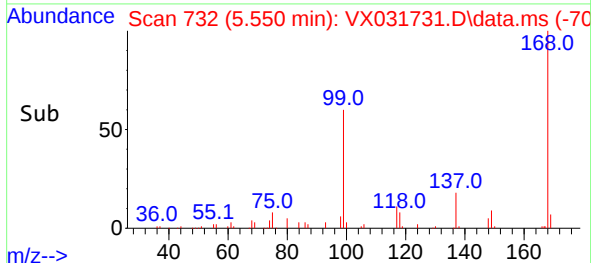
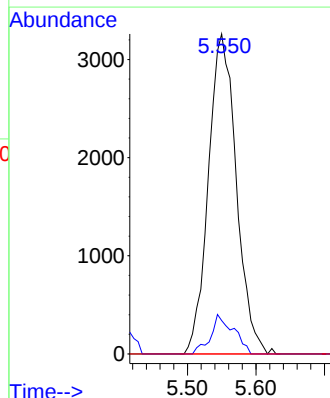
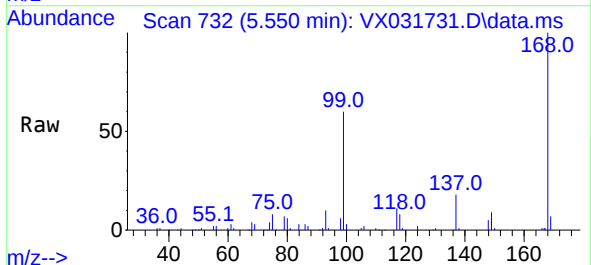
Delta R.T. -0.140 min

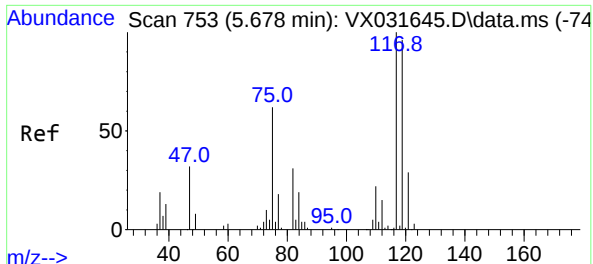
Lab File: VX031731.D

Acq: 28 Sep 2022 16:51

Tgt Ion: 75 Resp: 9235

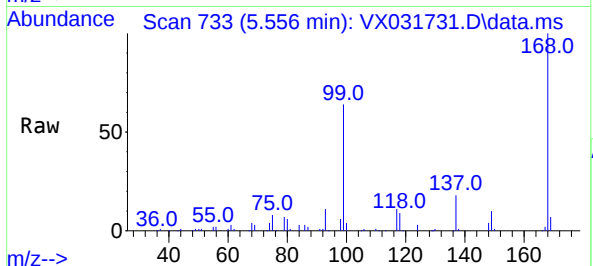
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.5	52.5#
77	0.0	24.9	37.3#



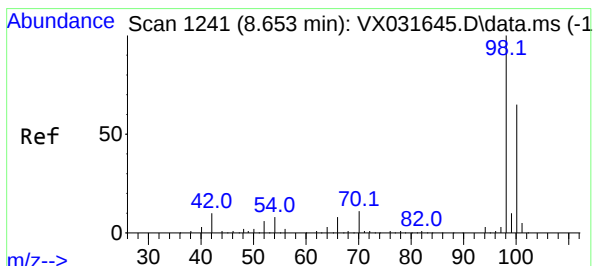
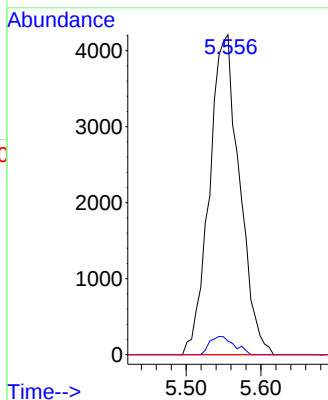
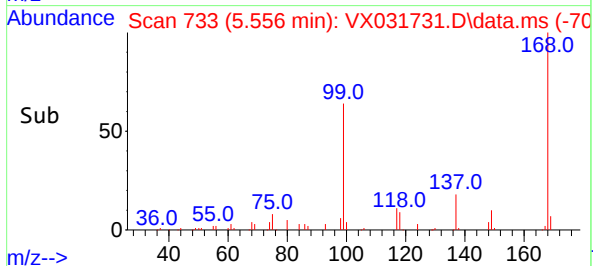


#38
Carbon Tetrachloride
Concen: 4.183 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

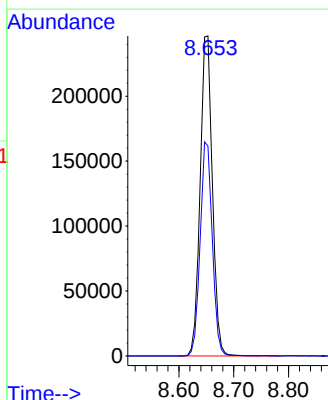
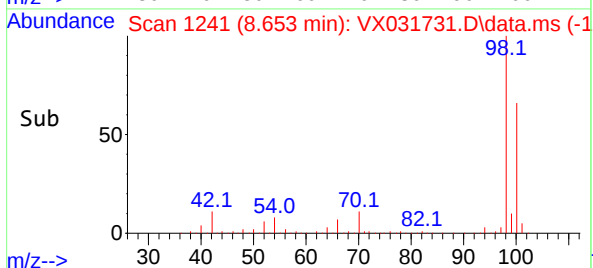
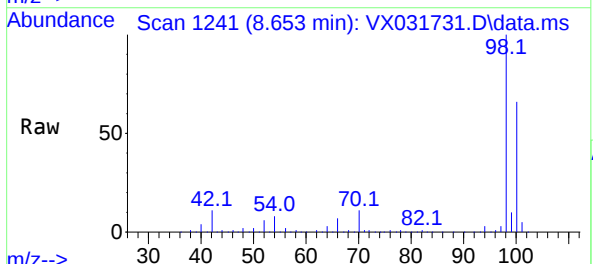


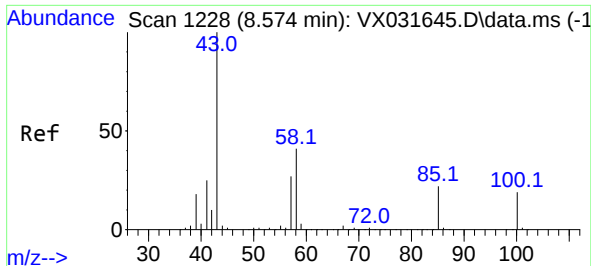
Tgt Ion:117 Resp: 11790
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.411 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 98 Resp: 382168
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

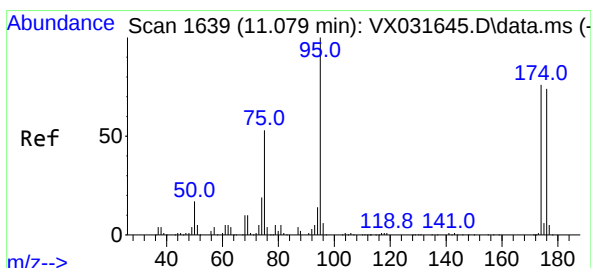
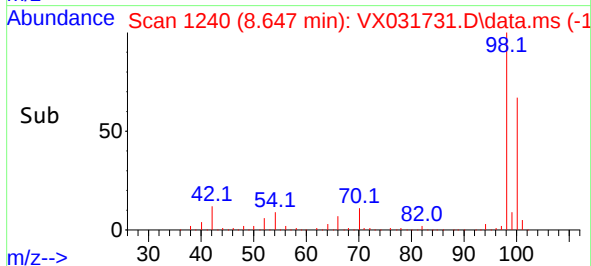
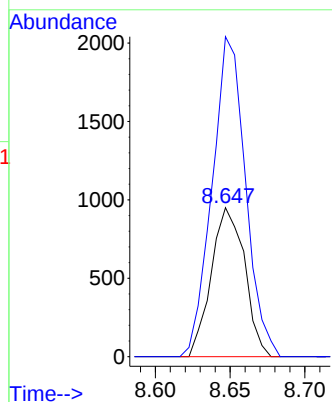
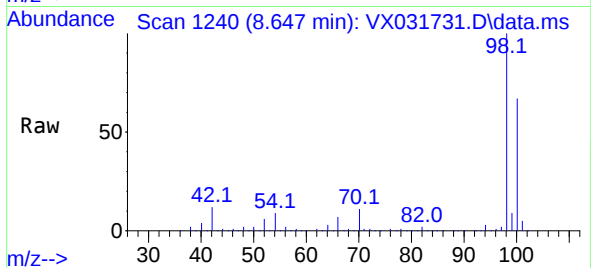




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

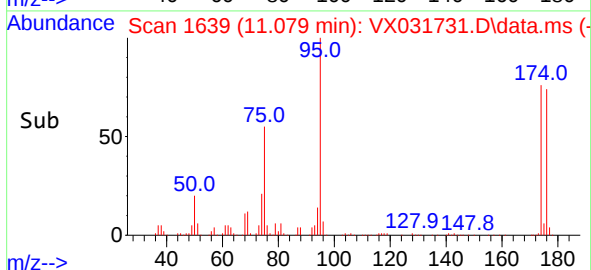
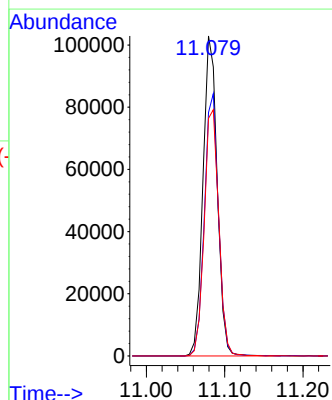
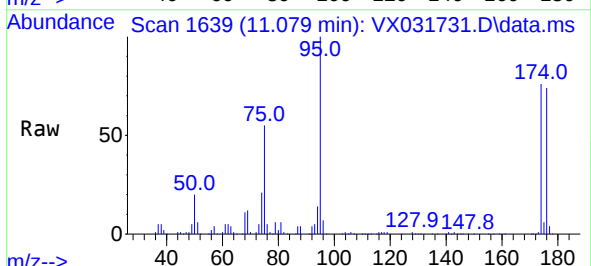
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

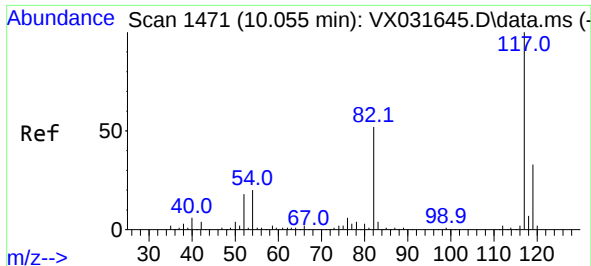
Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
58 215.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 95 Resp: 129365
Ion Ratio Lower Upper
95 100
174 81.3 0.0 153.2
176 78.8 0.0 144.0

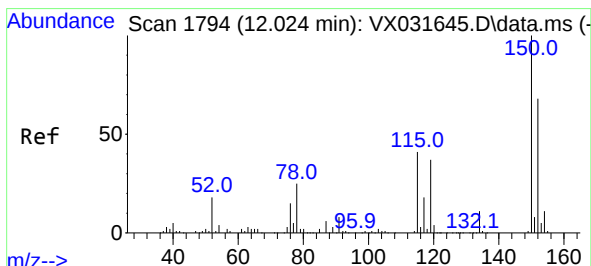
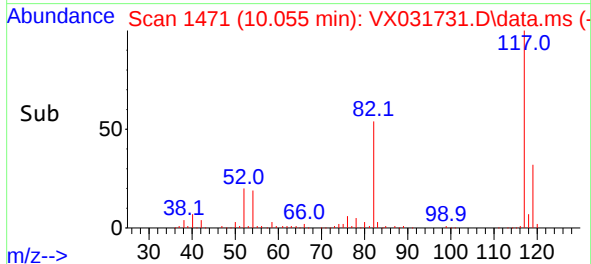
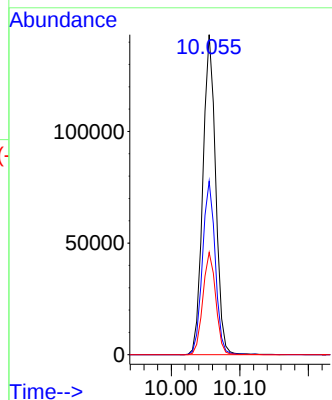
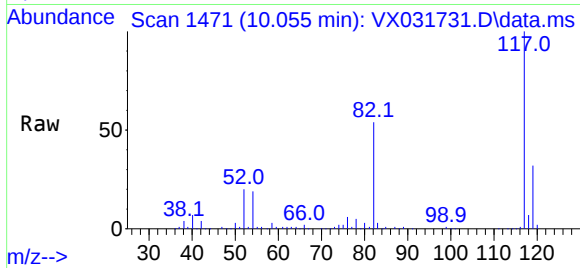




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

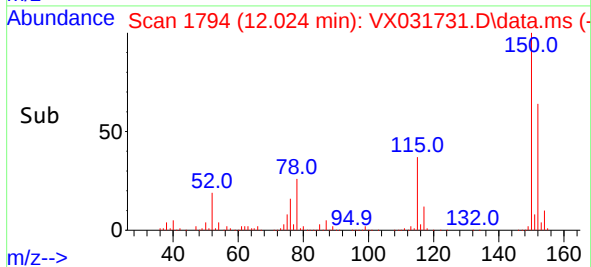
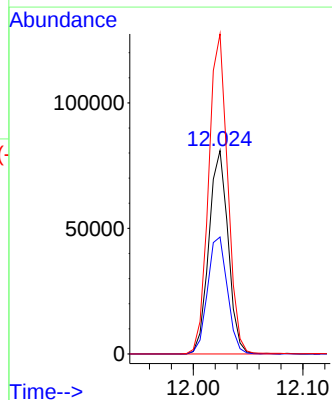
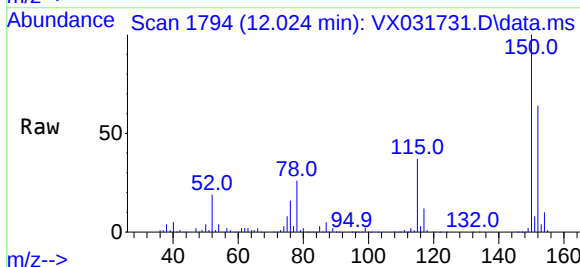
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

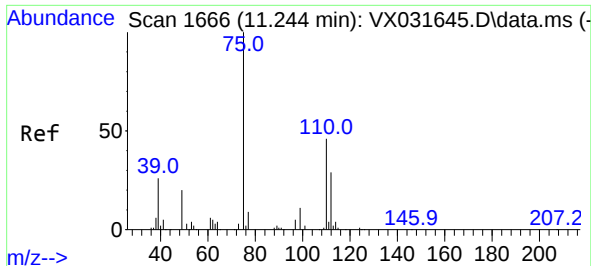
Tgt Ion:117 Resp: 186786
Ion Ratio Lower Upper
117 100
82 54.2 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion:152 Resp: 98622
Ion Ratio Lower Upper
152 100
115 59.6 43.4 130.1
150 156.2 0.0 346.8

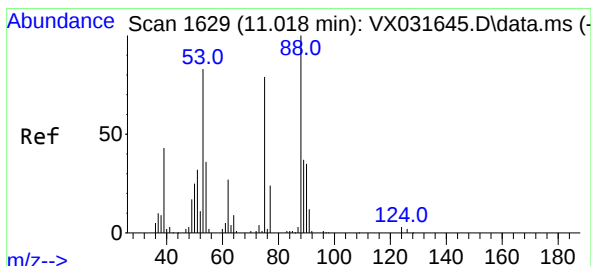
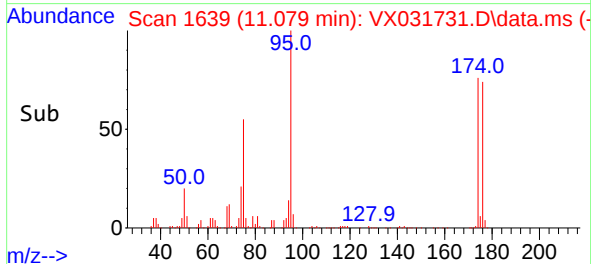
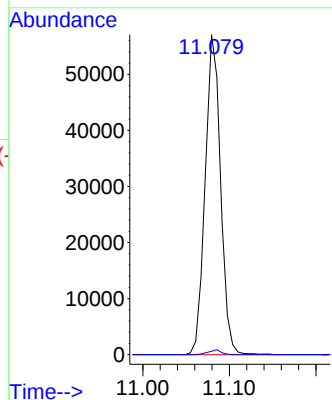
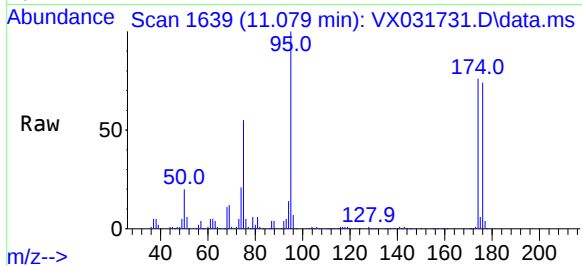




#76
1,2,3-Trichloropropane
Concen: 39.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 70502
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031731.D
Acq: 28 Sep 2022 16:51

Tgt Ion: 75 Resp: 70502
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

