

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027430.D
 Acq On : 14 Mar 2022 18:45
 Operator : JC/MD
 Sample : N1915-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 15 06:05:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

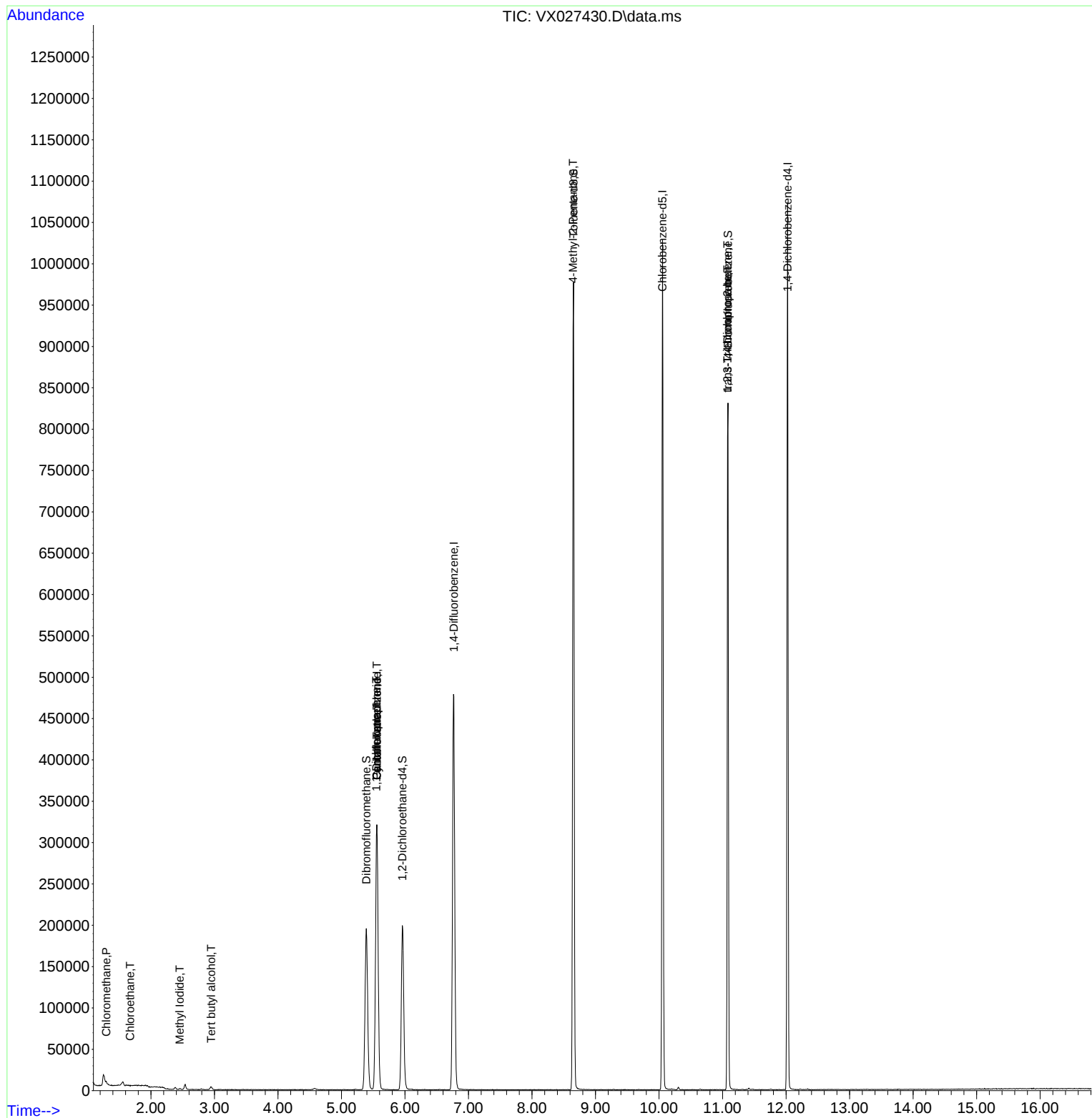
Internal Standards						
1) Pentafluorobenzene	5.556	168	306137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	506036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198381	55.569	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.140%	
35) Dibromofluoromethane	5.391	113	168710	51.668	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.340%	
50) Toluene-d8	8.653	98	600963	48.751	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	11.085	95	223135	47.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	813	0.246	ug/l #	83
5) Bromomethane	1.617	94	624	Below Cal	#	75
6) Chloroethane	1.672	64	1419	1.093	ug/l #	43
10) Methyl Iodide	2.453	142	1076	0.247	ug/l #	91
11) Tert butyl alcohol	2.946	59	2171	3.102	ug/l #	72
16) Acetone	2.386	43	2416	Below Cal		94
31) Cyclohexane	5.556	56	6091	1.220	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	22606	4.986	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31343	6.686	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2327	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	114226	23.653	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114226	76.496	ug/l #	15

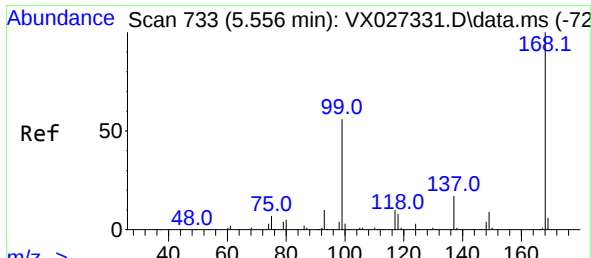
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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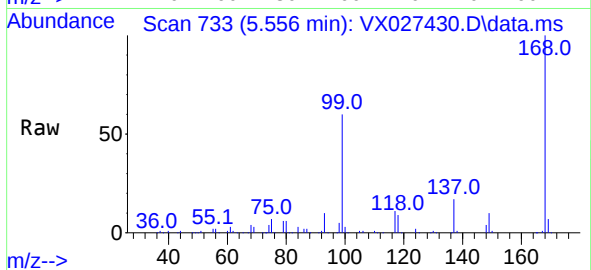
Quant Time: Mar 15 06:05:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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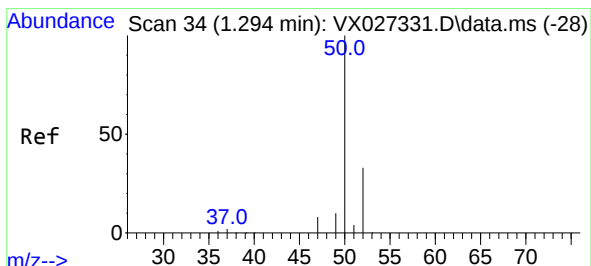
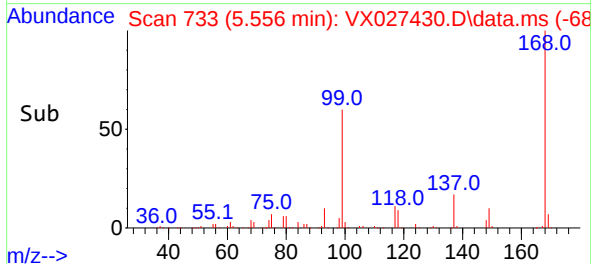
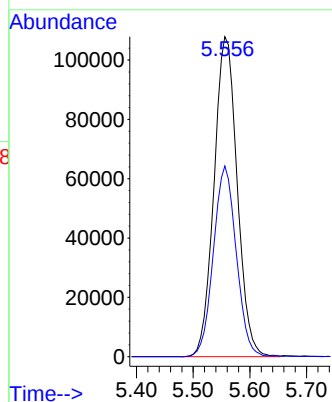


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :
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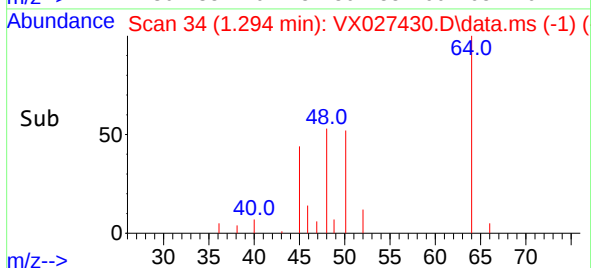
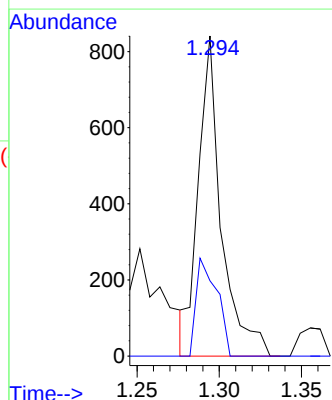
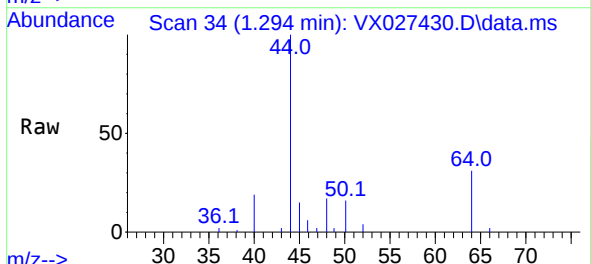


Tgt Ion:168 Resp: 306137
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5

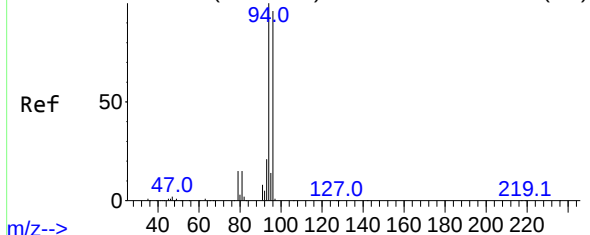


#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 50 Resp: 813
Ion Ratio Lower Upper
50 100
52 23.5 26.4 39.6#



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX027430.D

Acq: 14 Mar 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

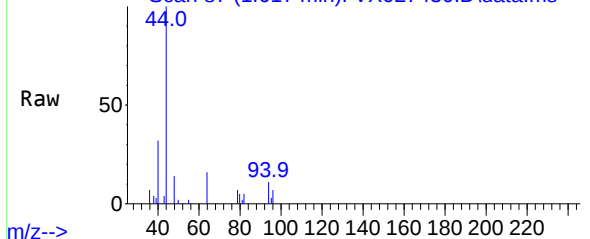
Tgt Ion: 94 Resp: 624

Ion Ratio Lower Upper

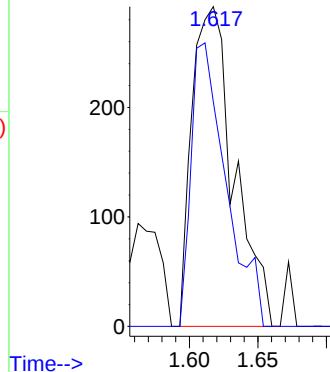
94 100

96 70.2 75.3 112.9#

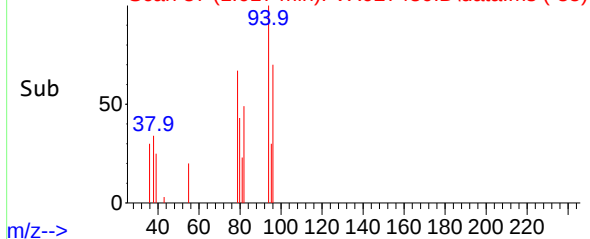
Abundance Scan 87 (1.617 min): VX027430.D\data.ms



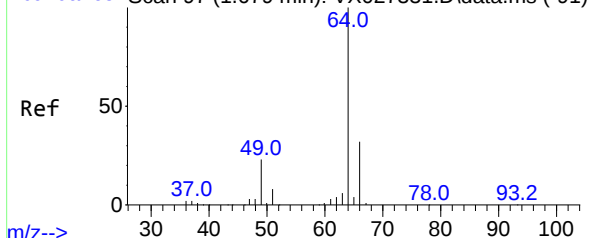
Abundance



Abundance Scan 87 (1.617 min): VX027430.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6

Chloroethane

Concen: 1.093 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.007 min

Lab File: VX027430.D

Acq: 14 Mar 2022 18:45

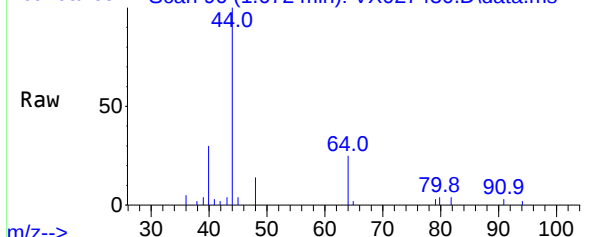
Tgt Ion: 64 Resp: 1419

Ion Ratio Lower Upper

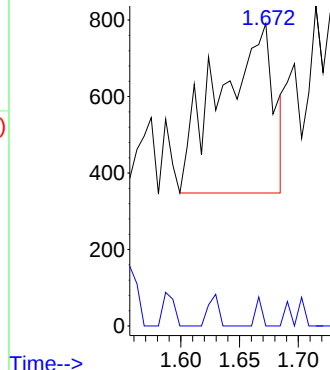
64 100

66 0.0 25.3 37.9#

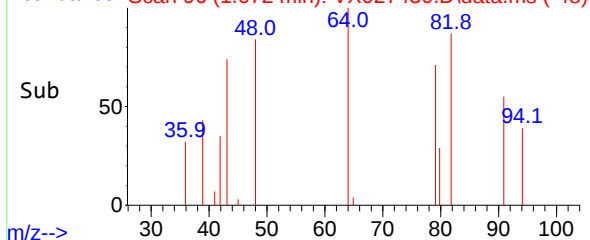
Abundance Scan 96 (1.672 min): VX027430.D\data.ms

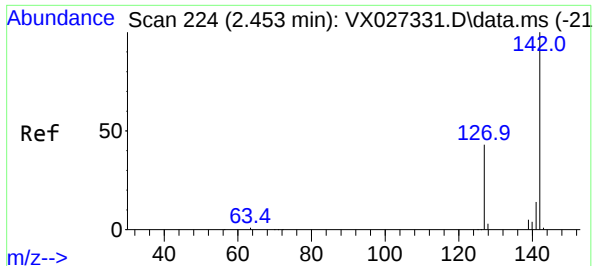


Abundance



Abundance Scan 96 (1.672 min): VX027430.D\data.ms (-48)

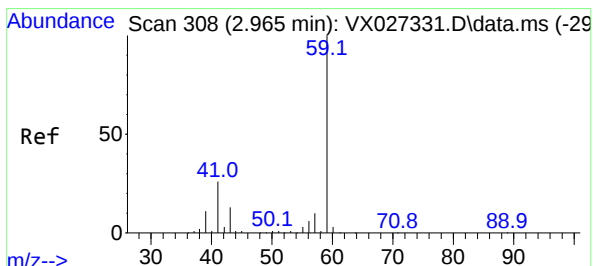
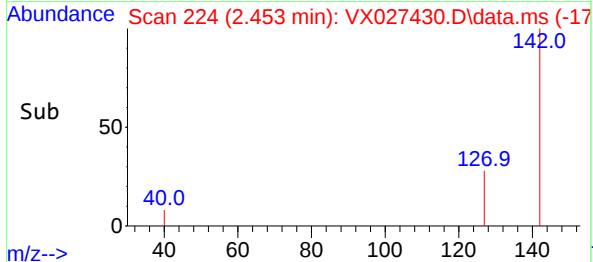
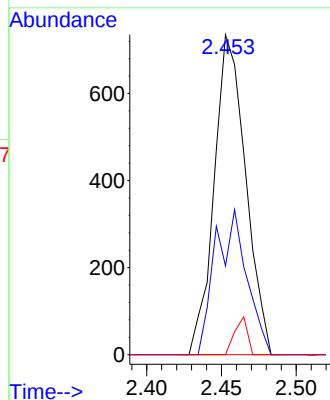
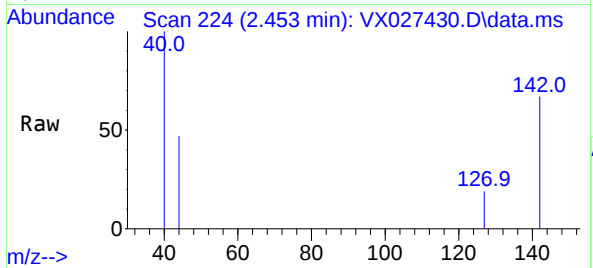




#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

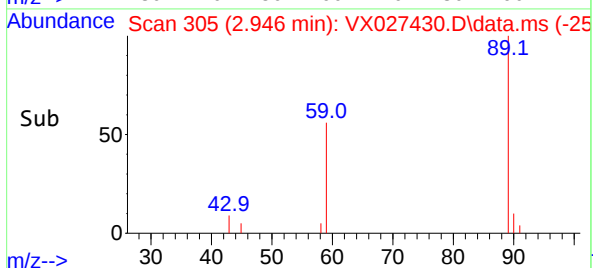
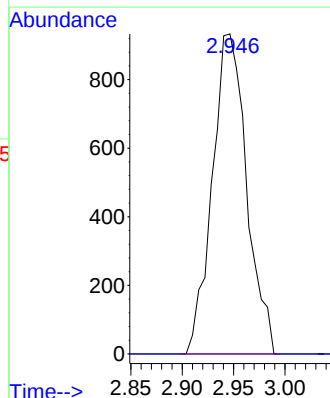
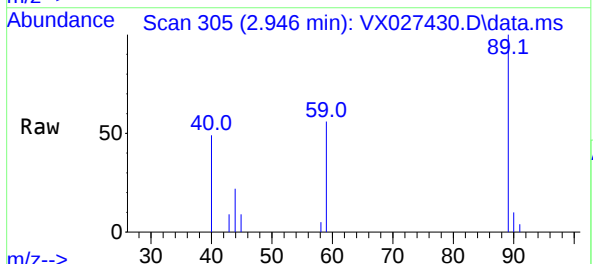
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

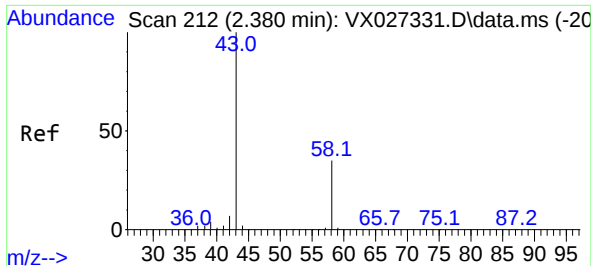
Tgt Ion:	142	Resp:	1076
Ion	Ratio	Lower	Upper
142	100		
127	45.2	33.9	50.9
141	4.7	11.4	17.2#



#11
Tert butyl alcohol
Concen: 3.102 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion:	59	Resp:	2171
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

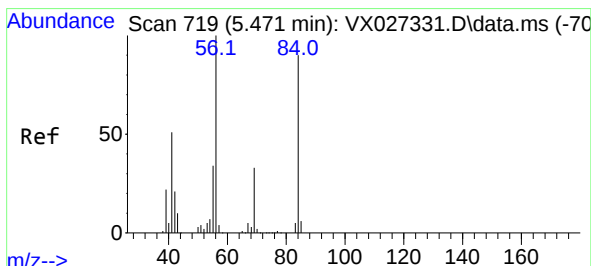
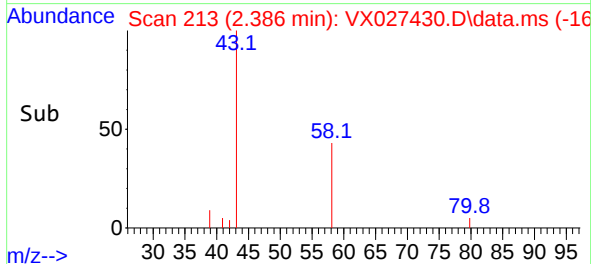
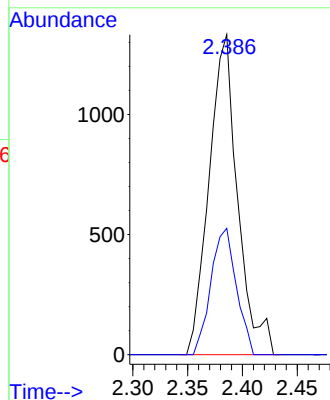
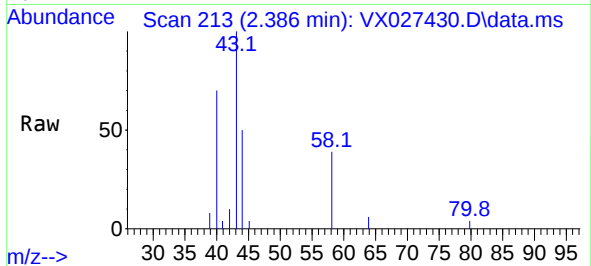




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

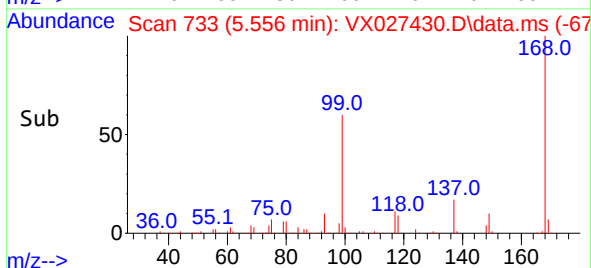
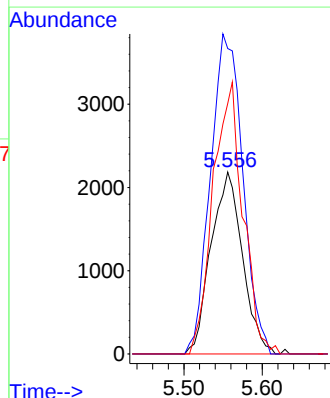
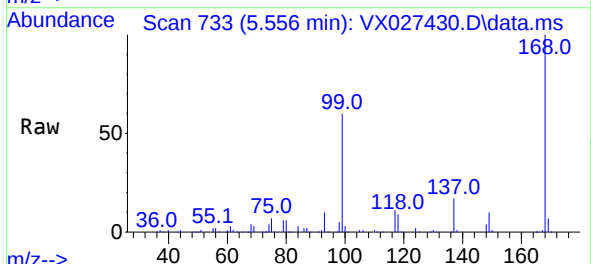
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

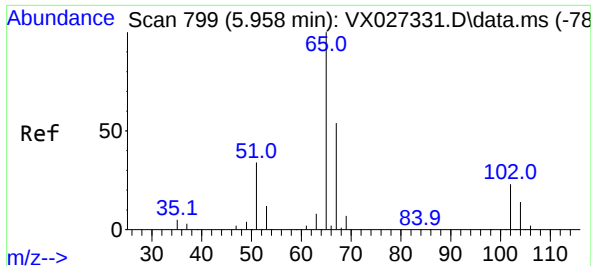
Tgt Ion: 43 Resp: 2416
Ion Ratio Lower Upper
43 100
58 39.5 28.8 43.2



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 56 Resp: 6091
Ion Ratio Lower Upper
56 100
69 168.0 26.7 40.1#
84 137.7 77.2 115.8#

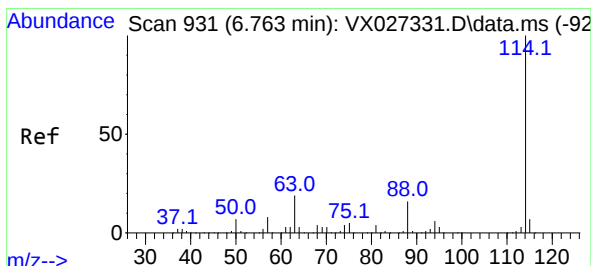
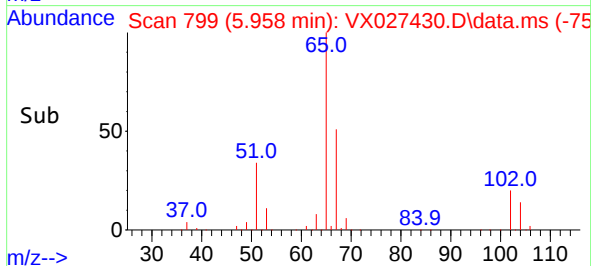
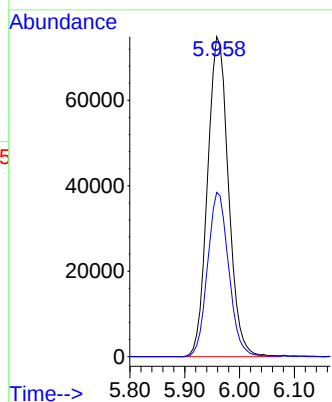
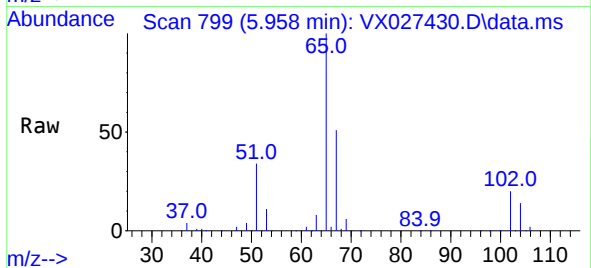




#33
1,2-Dichloroethane-d4
Concen: 55.569 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

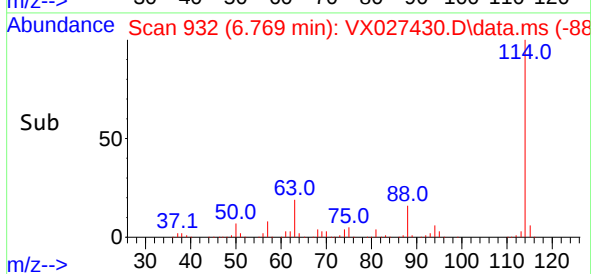
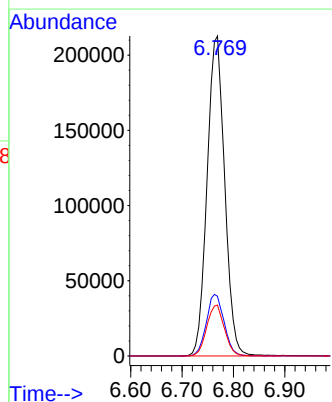
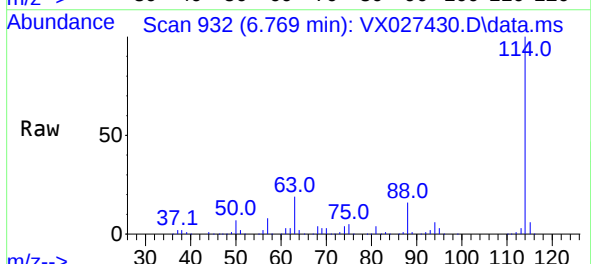
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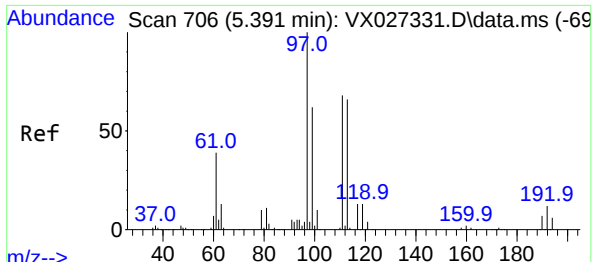
Tgt Ion: 65 Resp: 198381
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion:114 Resp: 506036
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.9 0.0 32.4

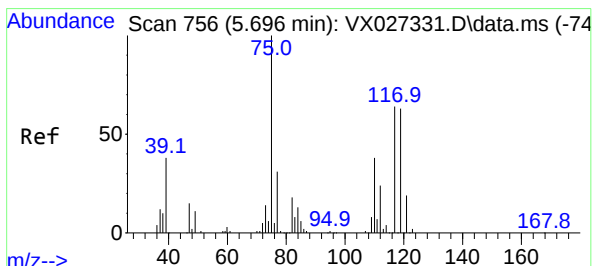
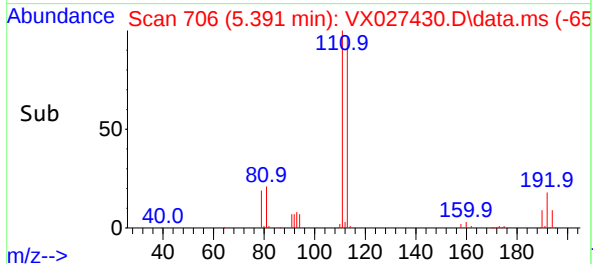
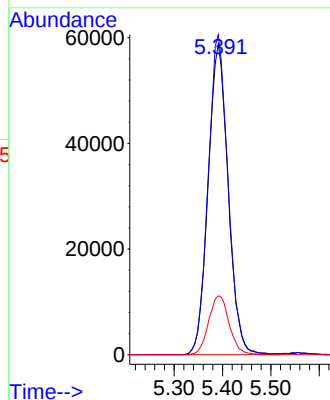
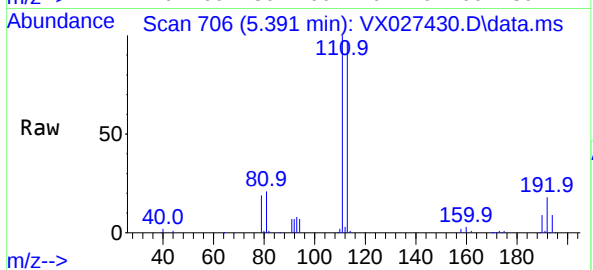




#35
Dibromofluoromethane
Concen: 51.668 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

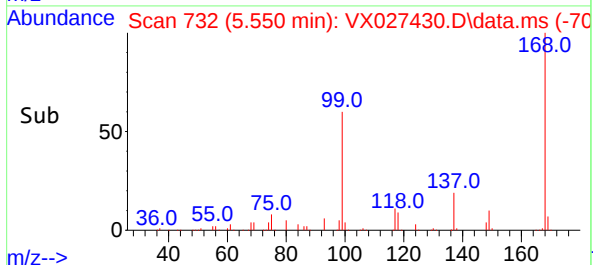
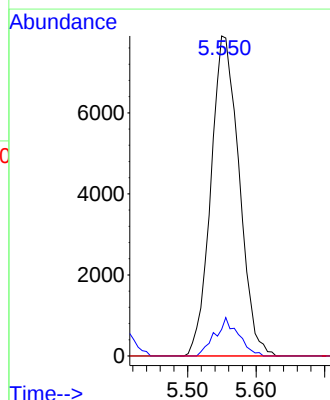
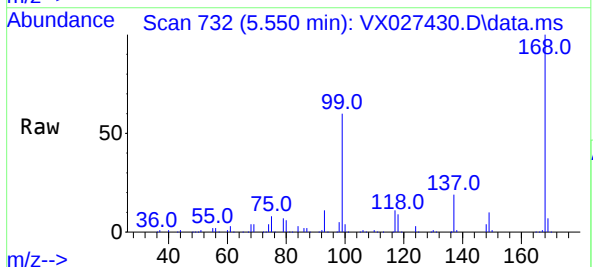
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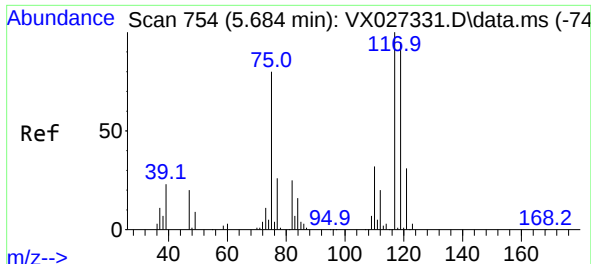
Tgt Ion:113 Resp: 168710
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 75 Resp: 22606
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#

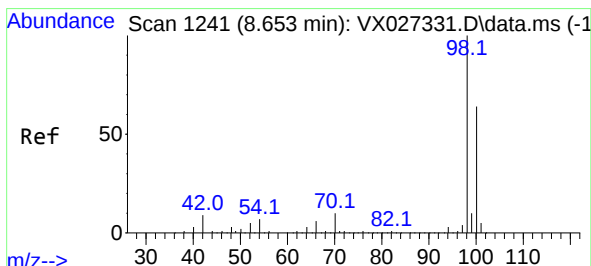
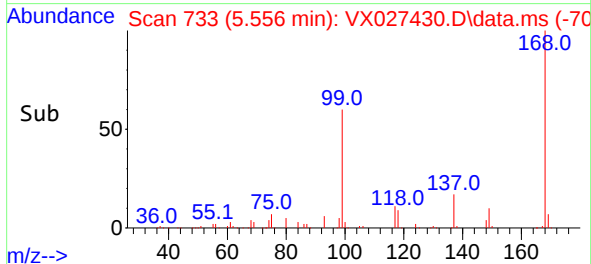
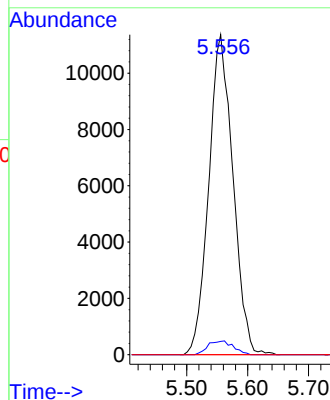
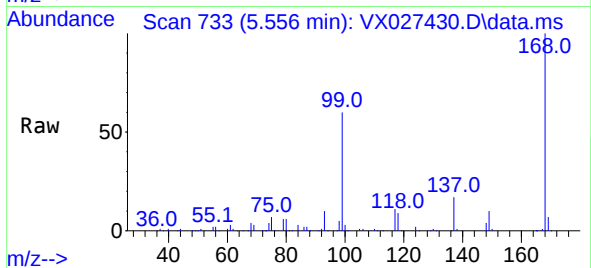




#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

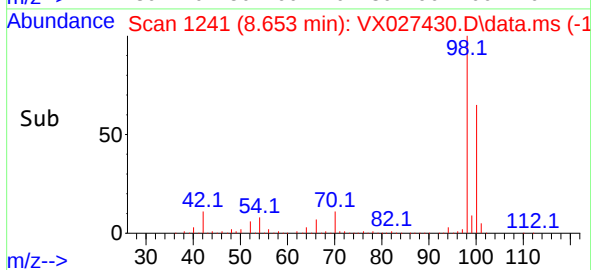
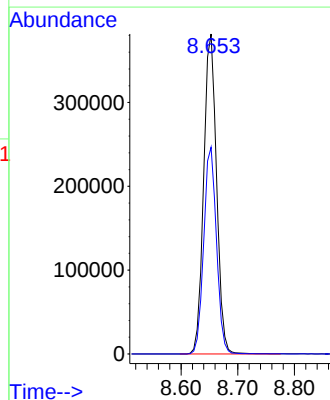
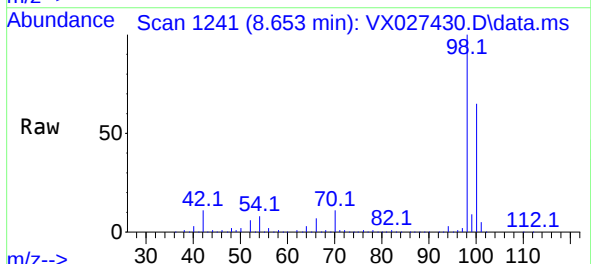
Instrument :
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STORAGE-BLANK-SOIL-REF-6

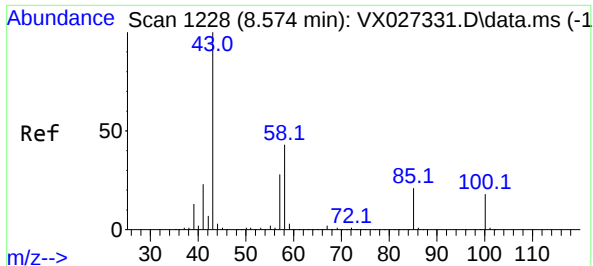
Tgt Ion:117 Resp: 31343
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.751 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 98 Resp: 600963
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

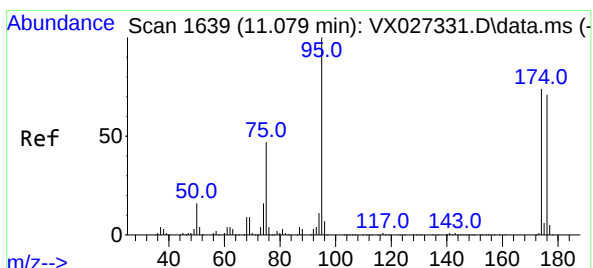
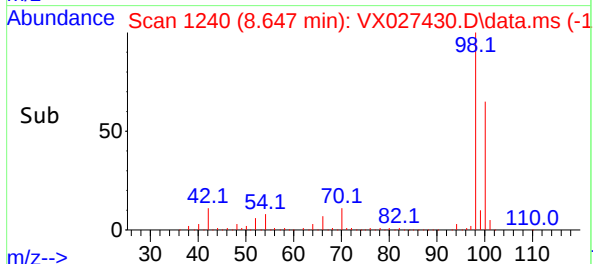
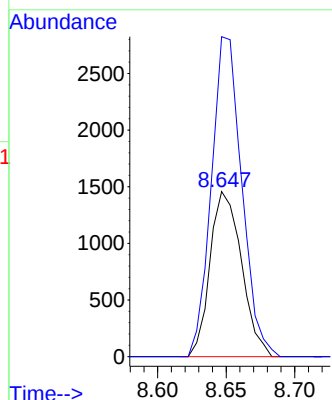
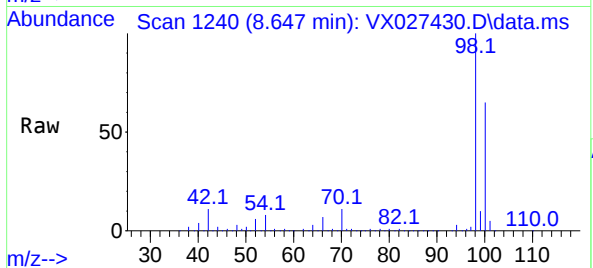




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

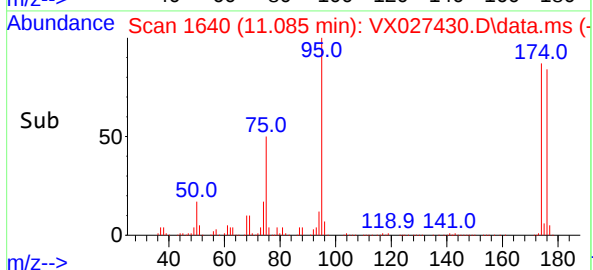
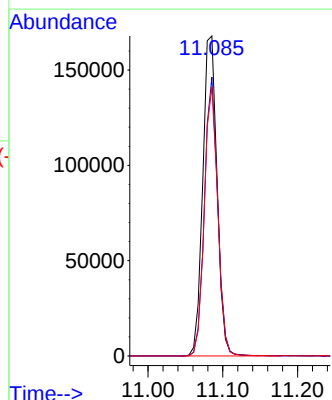
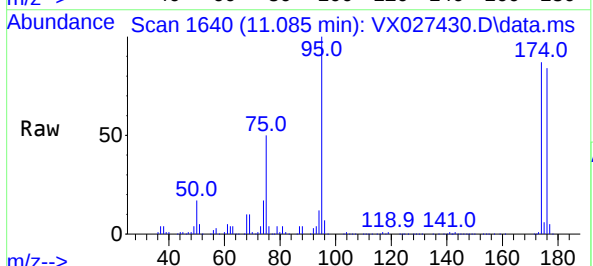
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

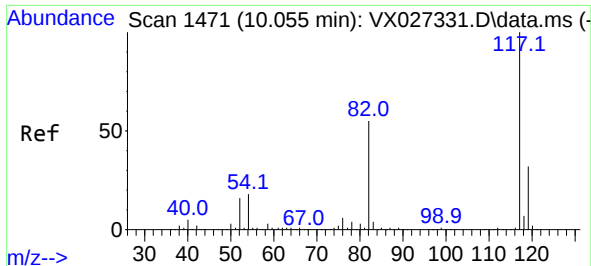
Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
58 187.3 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.493 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 95 Resp: 223135
Ion Ratio Lower Upper
95 100
174 80.6 0.0 163.0
176 79.1 0.0 155.0

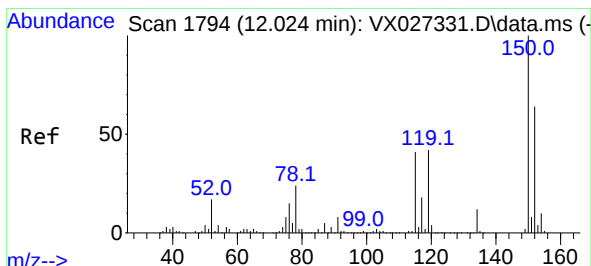
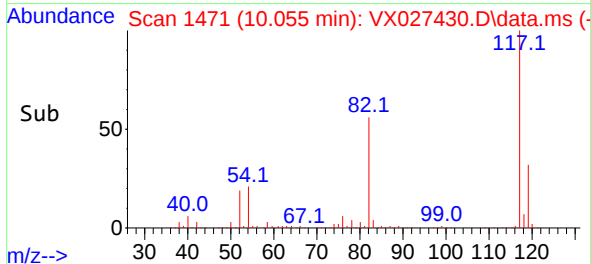
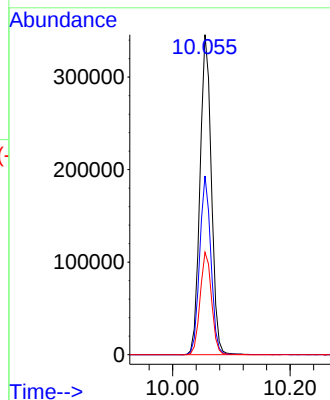
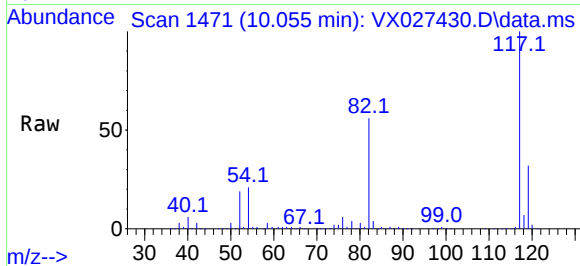




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

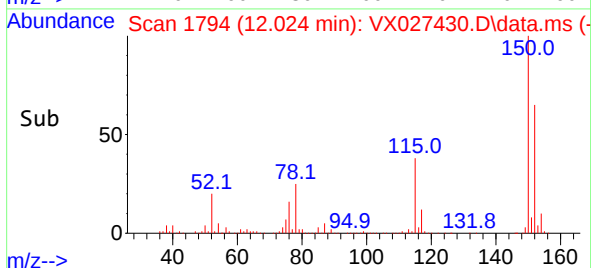
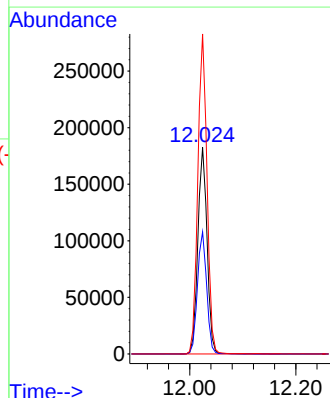
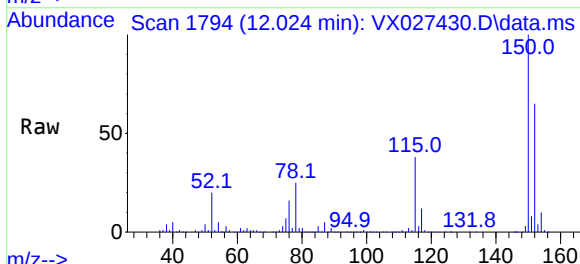
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

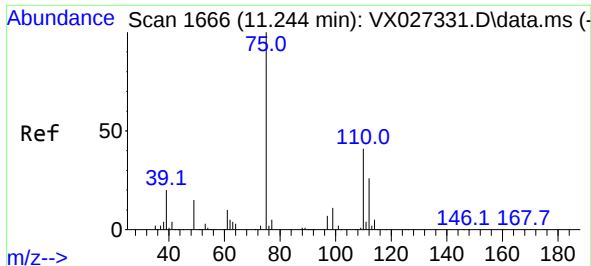
Tgt Ion:117 Resp: 464791
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion:152 Resp: 220109
Ion Ratio Lower Upper
152 100
115 59.2 37.5 112.7
150 155.0 0.0 338.2

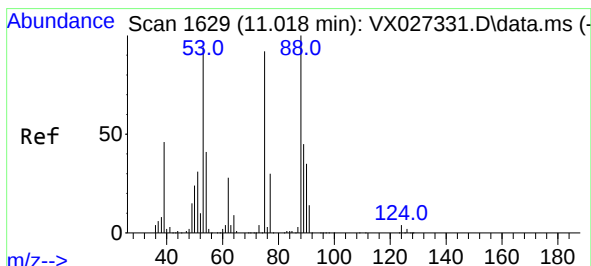
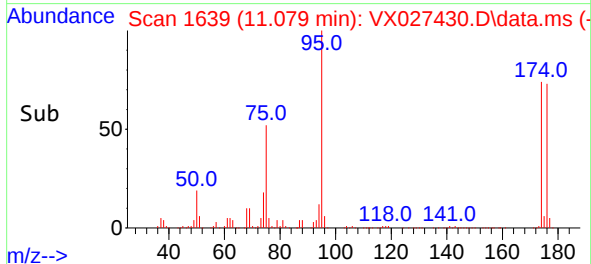
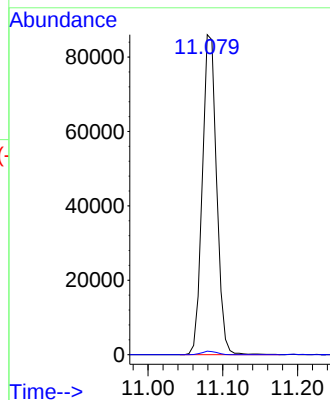
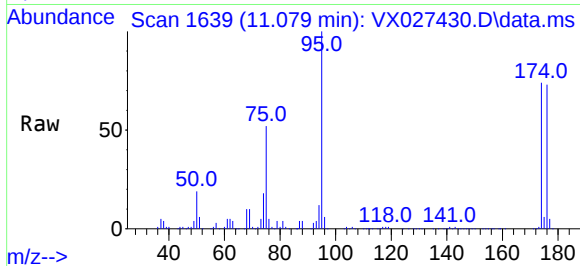




#76
1,2,3-Trichloropropane
Concen: 23.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

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

Tgt Ion: 75 Resp: 114226
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027430.D
Acq: 14 Mar 2022 18:45

Tgt Ion: 75 Resp: 114226
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

