

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028322.D
 Acq On : 25 Apr 2022 13:28
 Operator : JC/MD
 Sample : N2547-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 26 08:10:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

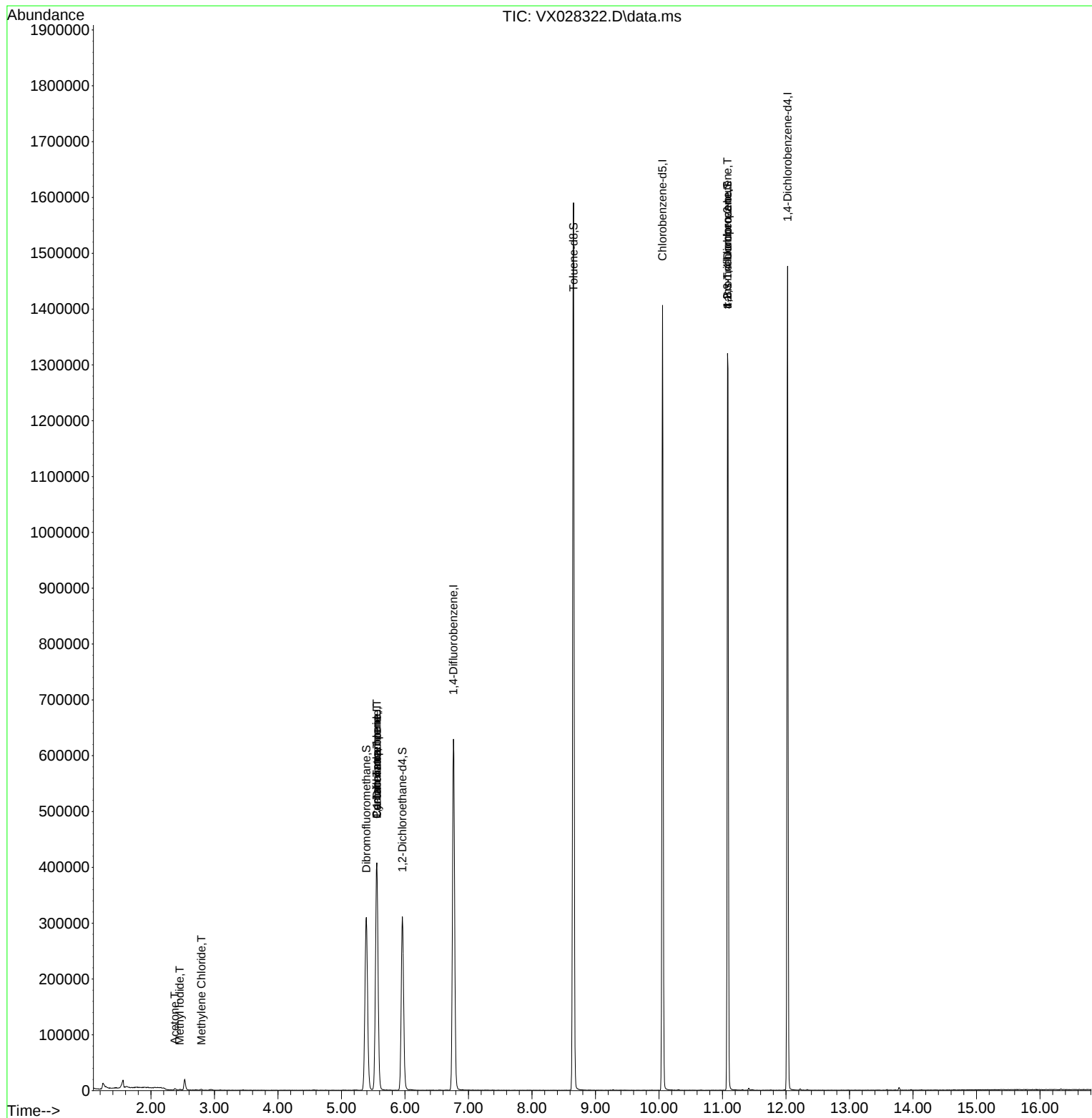
Internal Standards						
1) Pentafluorobenzene	5.556	168	402221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	683338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	656803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	304275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	294165	56.090	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.180%			
35) Dibromofluoromethane	5.391	113	270065	56.355	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.720%			
50) Toluene-d8	8.653	98	979496	53.217	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.440%			
62) 4-Bromofluorobenzene	11.079	95	353737	50.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.520%			
Target Compounds						
3) Chloromethane	1.295	50	723	Below Cal	#	77
5) Bromomethane	1.612	94	1378	Below Cal	#	73
6) Chloroethane	1.660	64	675	Below Cal	#	53
10) Methyl Iodide	2.453	142	1501	5.536	ug/l	98
11) Tert butyl alcohol	2.947	59	712	Below Cal	#	72
16) Acetone	2.374	43	2722	0.305	ug/l	90
20) Methylene Chloride	2.794	84	832	0.214	ug/l	# 83
31) Cyclohexane	5.556	56	7414	1.160	ug/l	# 23
36) 1,1-Dichloropropene	5.556	75	28353	4.536	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	39550	5.605	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	177560	29.651	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	177560	88.115	ug/l	# 15

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

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STORAGE-BLANK-SOIL-REF-6

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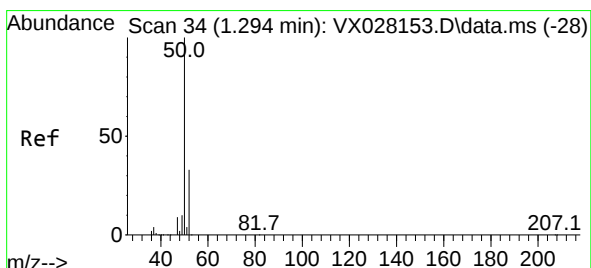
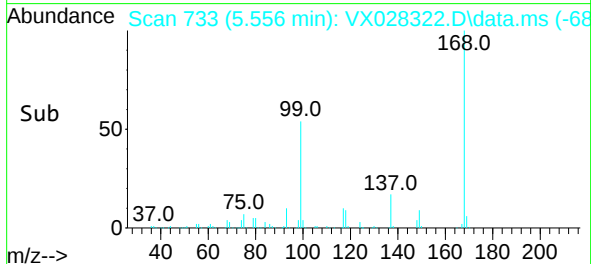
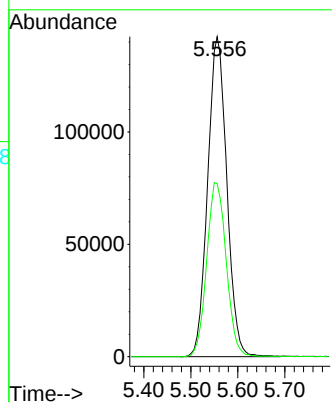
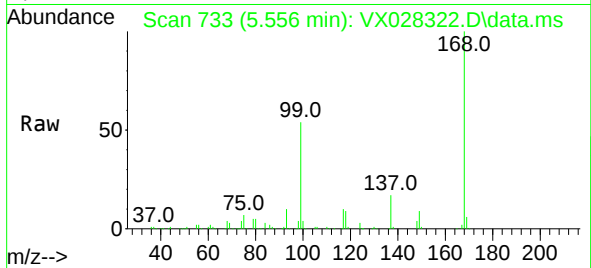




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

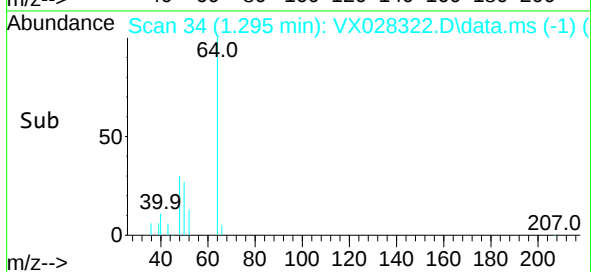
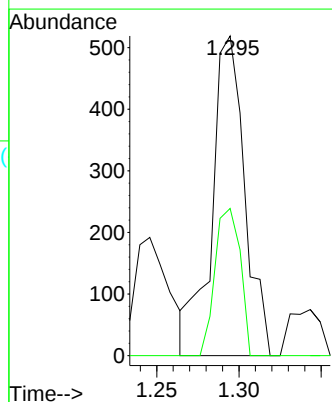
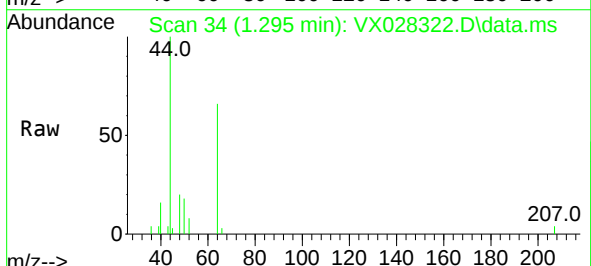
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 402221
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 50 Resp: 723
Ion Ratio Lower Upper
50 100
52 46.1 26.4 39.6#

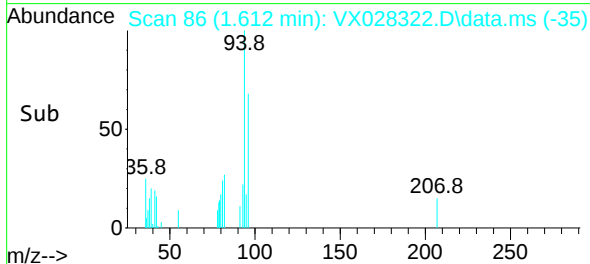
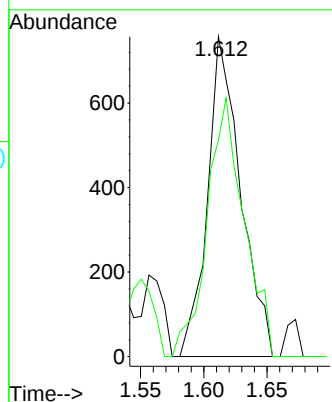
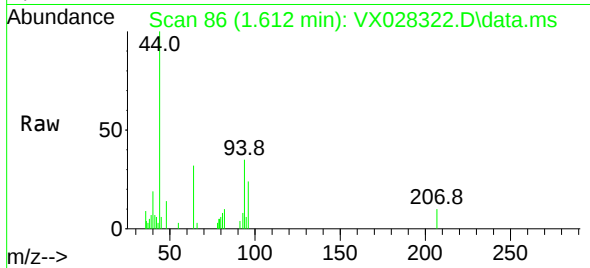




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

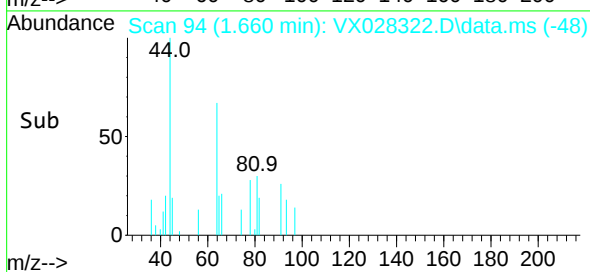
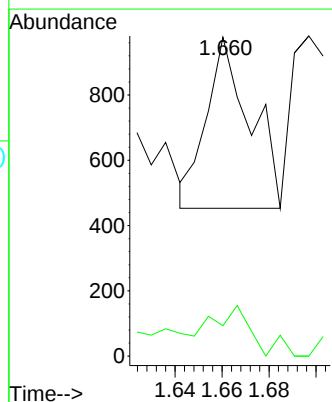
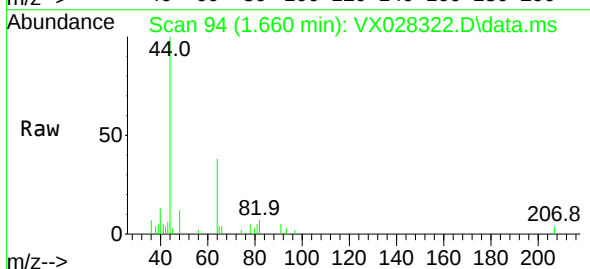
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

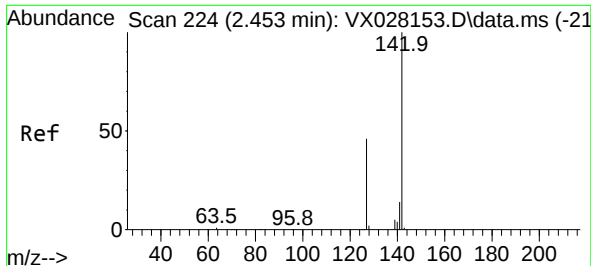
Tgt Ion: 94 Resp: 1378
Ion Ratio Lower Upper
94 100
96 67.6 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 64 Resp: 675
Ion Ratio Lower Upper
64 100
66 5.5 25.3 37.9#

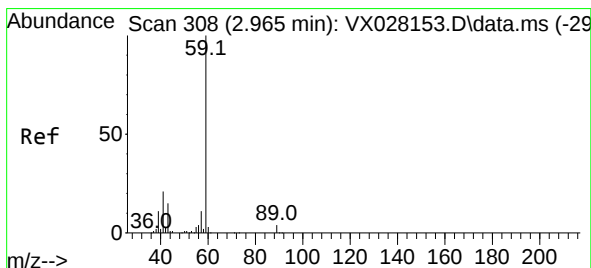
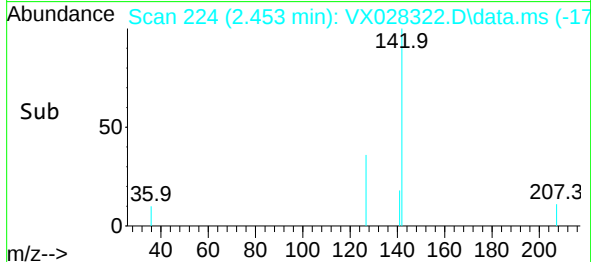
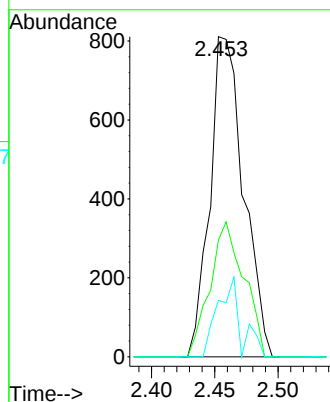
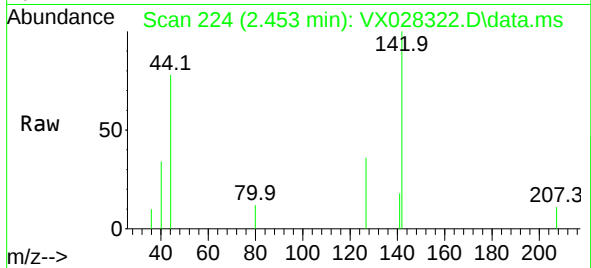




#10
Methyl Iodide
Concen: 5.536 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

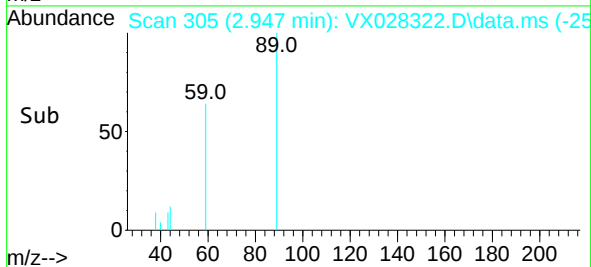
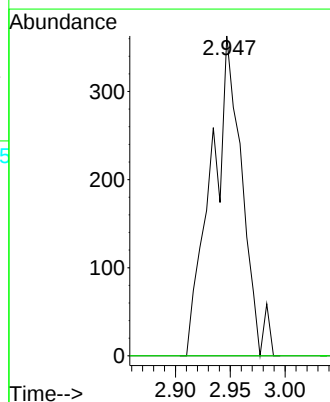
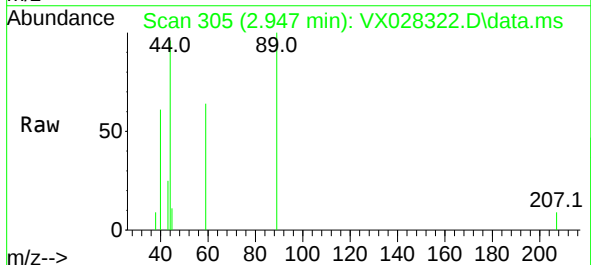
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

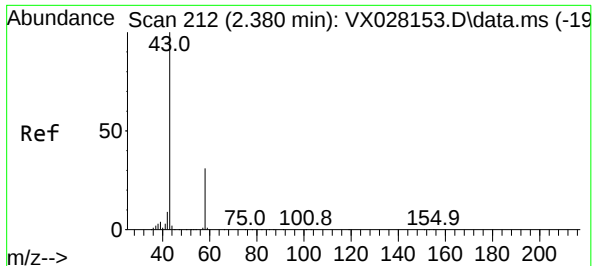
Tgt Ion:	142	Resp:	1501
Ion	Ratio	Lower	Upper
142	100		
127	42.6	33.9	50.9
141	17.1	11.4	17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion:	59	Resp:	712
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5

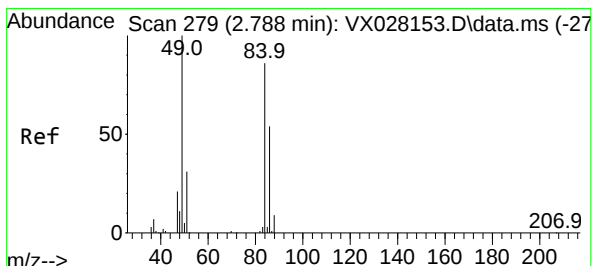
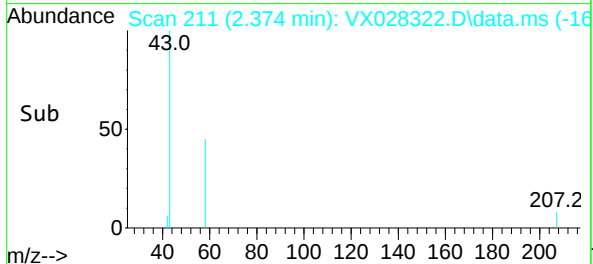
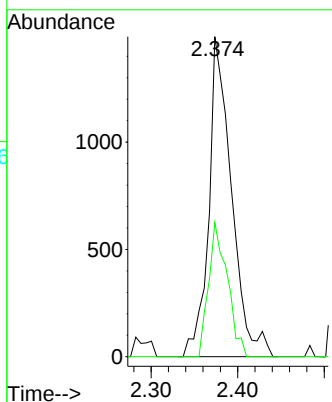
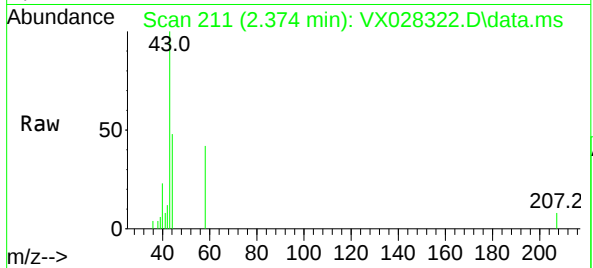




#16
Acetone
Concen: 0.305 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

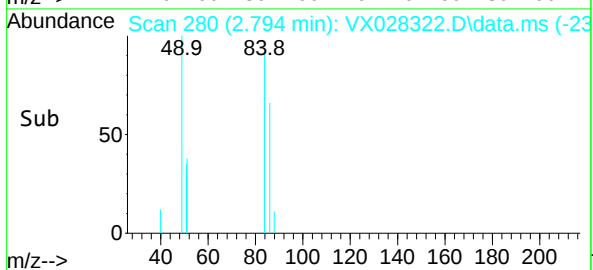
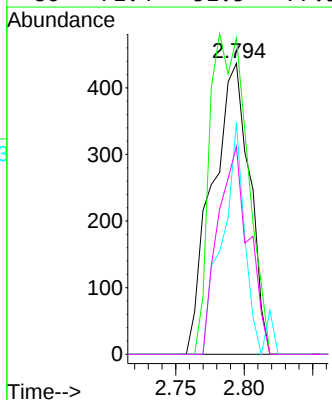
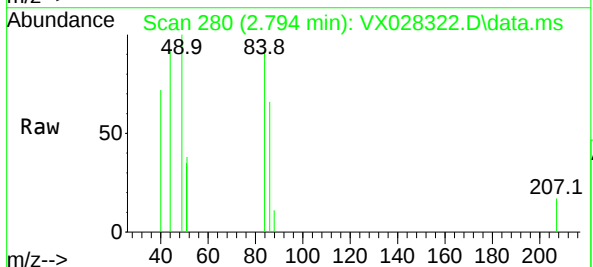
Instrument :
MSVOA_X
ClientSampleId :
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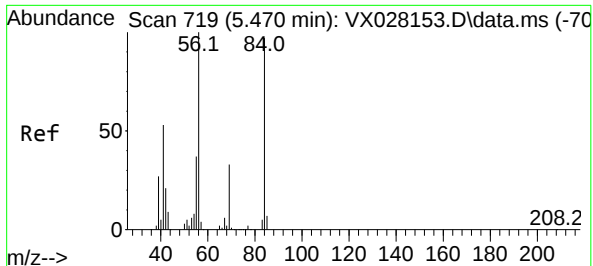
Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
58 41.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 84 Resp: 832
Ion Ratio Lower Upper
84 100
49 108.7 85.5 128.3
51 79.6 26.6 39.8#
86 71.4 51.5 77.3

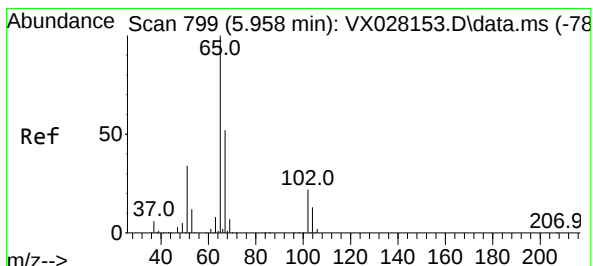
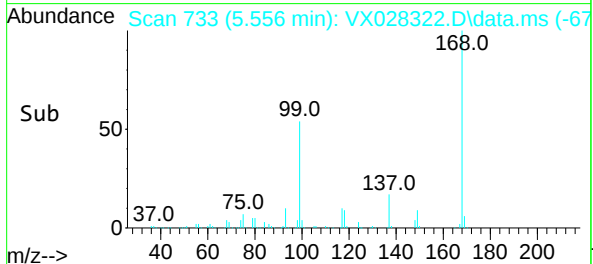
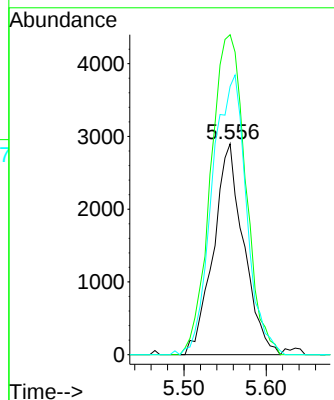
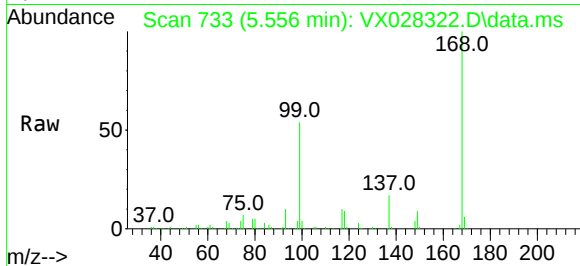




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

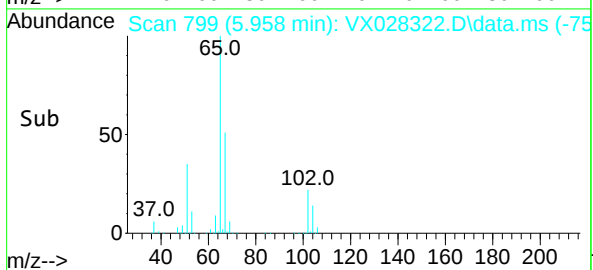
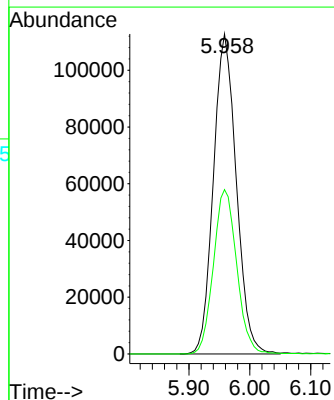
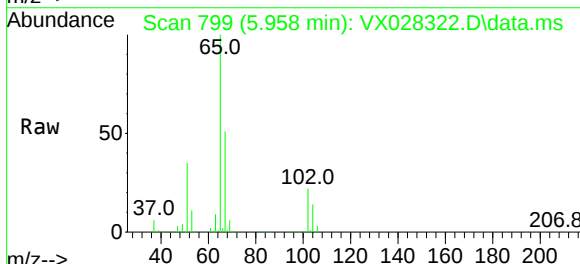
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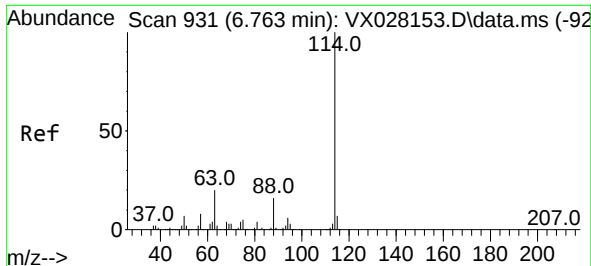
Tgt Ion: 56 Resp: 7414
Ion Ratio Lower Upper
56 100
69 151.8 26.7 40.1#
84 127.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.090 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 65 Resp: 294165
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

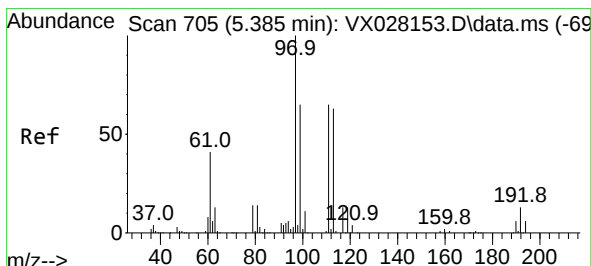
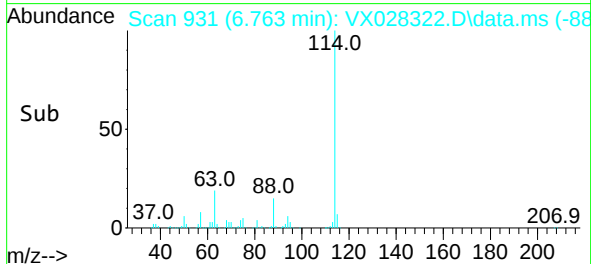
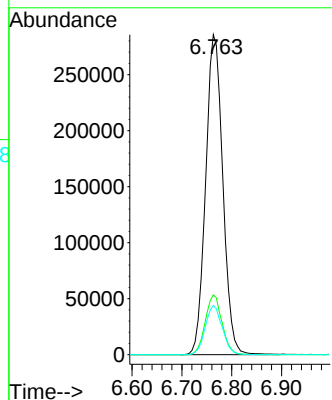
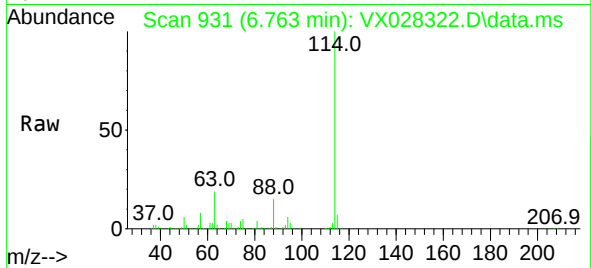




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

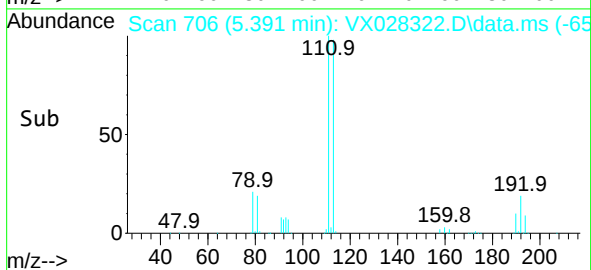
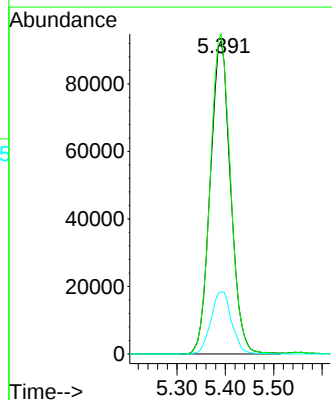
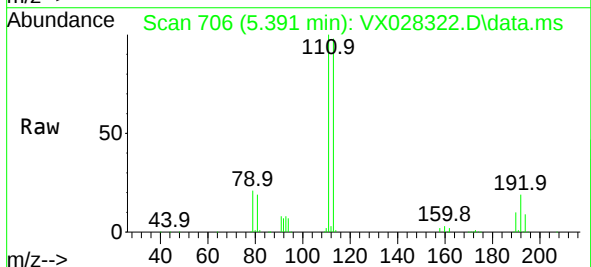
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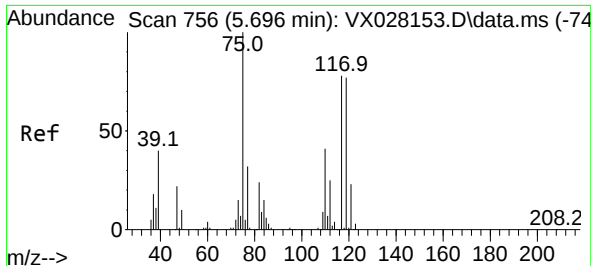
Tgt Ion:114 Resp: 683338
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 56.355 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion:113 Resp: 270065
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.3 16.9 25.3

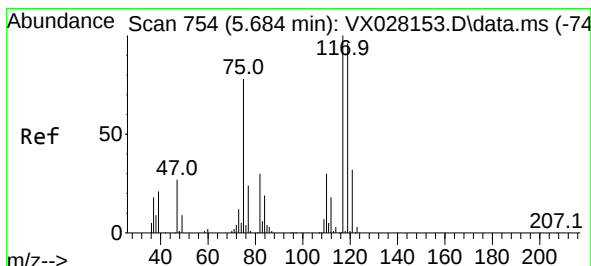
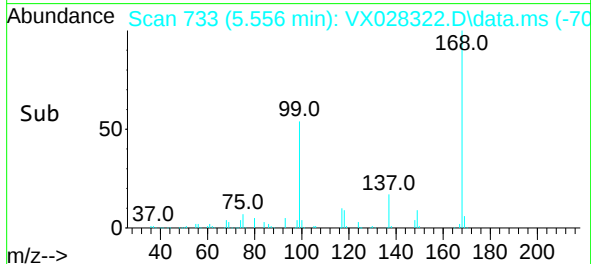
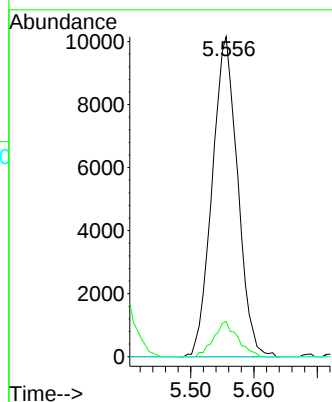
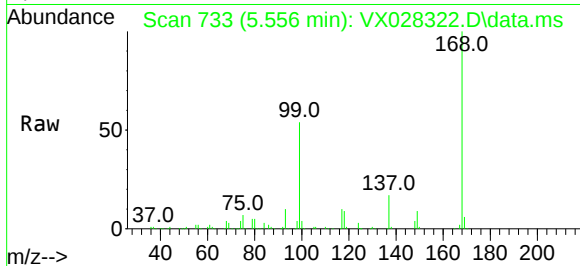




#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

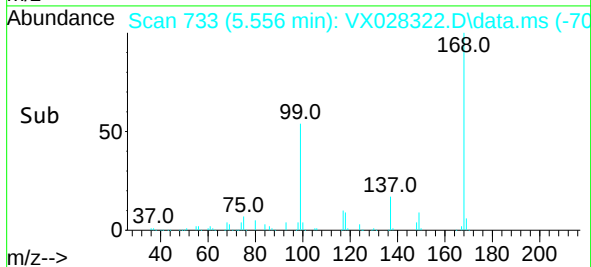
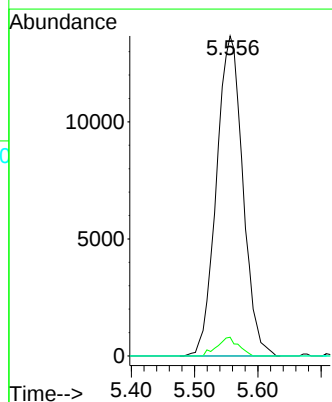
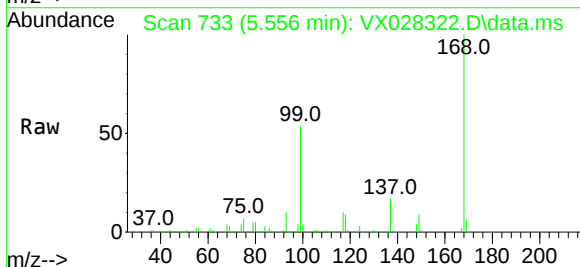
Instrument :
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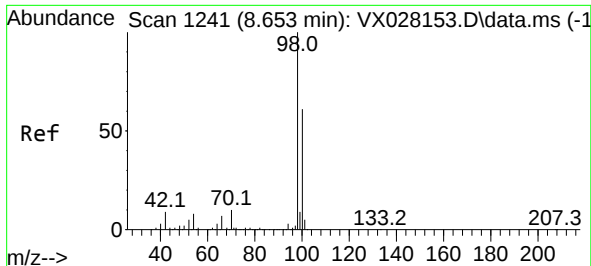
Tgt Ion: 75 Resp: 28353
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 117 Resp: 39550
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

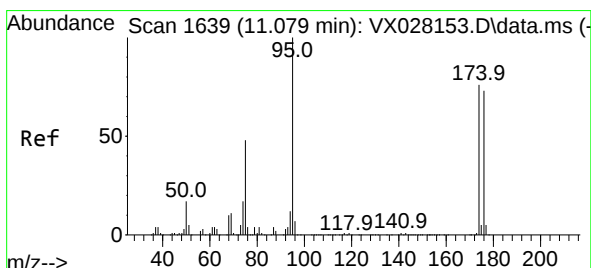
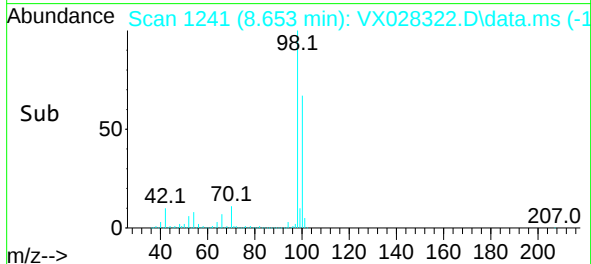
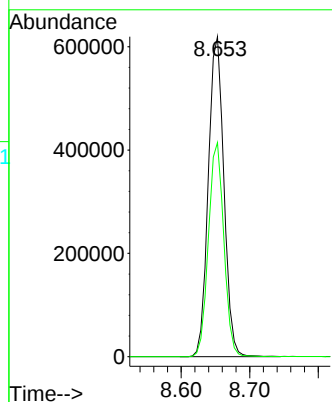
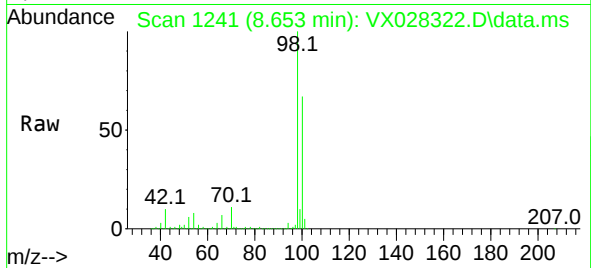




#50
Toluene-d8
Concen: 53.217 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

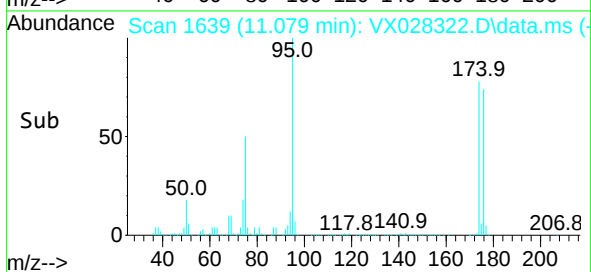
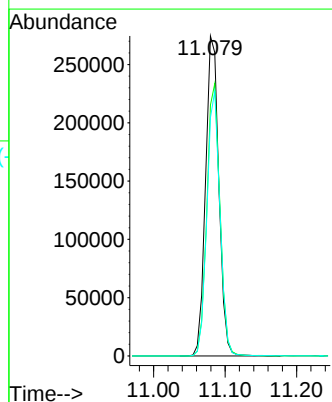
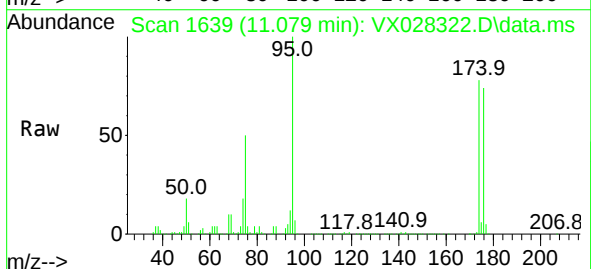
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

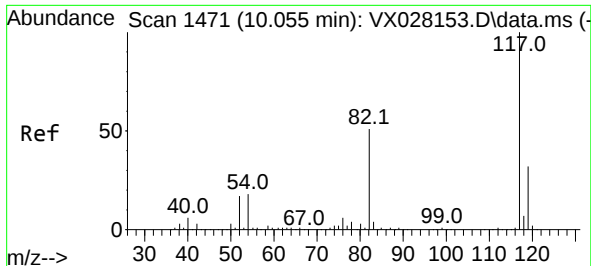
Tgt Ion: 98 Resp: 979496
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 95 Resp: 353737
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 81.6 0.0 155.0

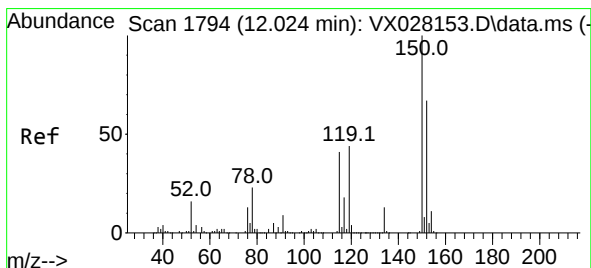
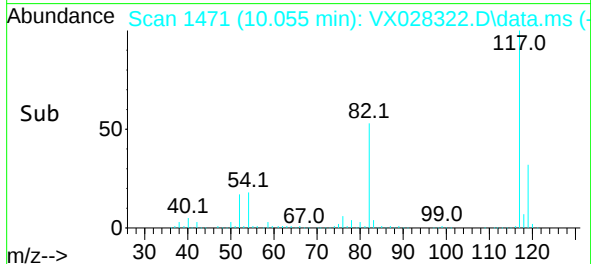
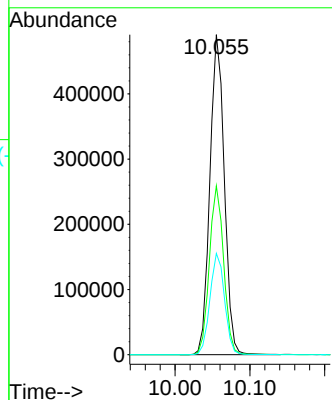
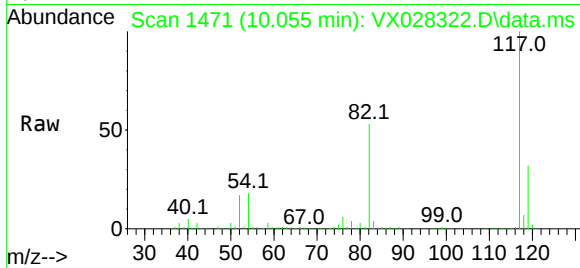




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

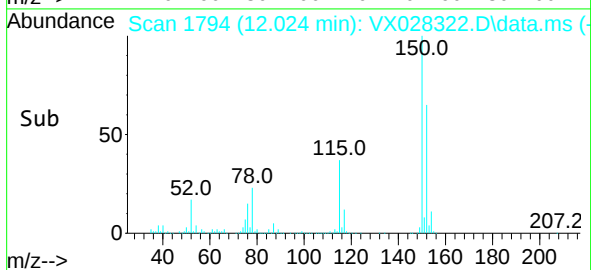
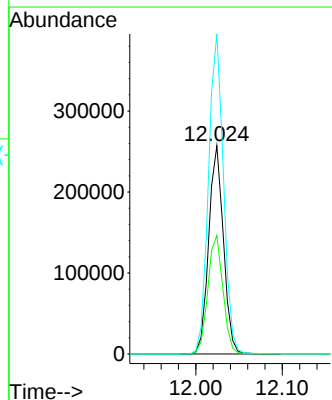
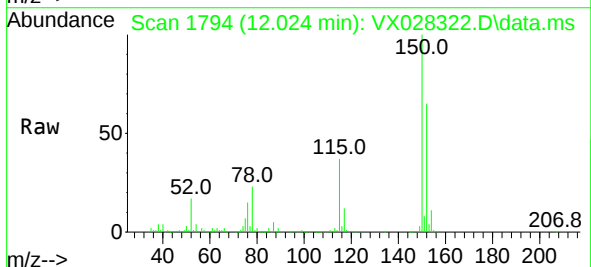
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

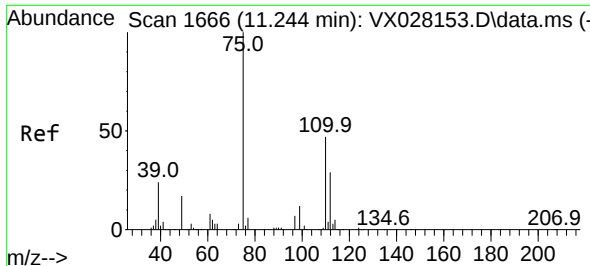
Tgt Ion:117 Resp: 656803
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion:152 Resp: 304275
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 156.0 0.0 338.2

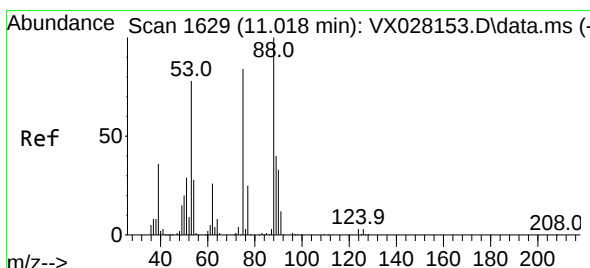
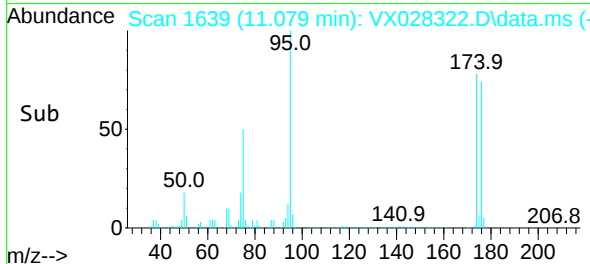
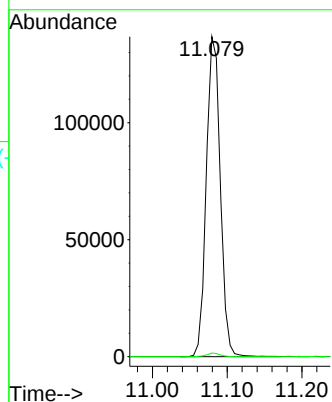
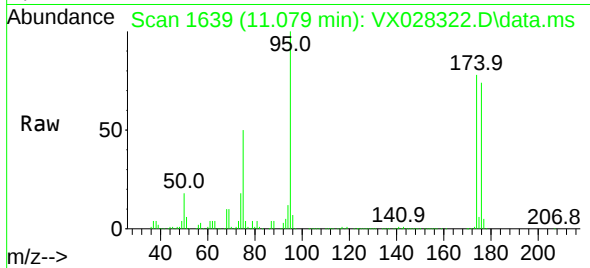




#76
1,2,3-Trichloropropane
Concen: 29.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

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

Tgt Ion: 75 Resp: 177560
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028322.D
Acq: 25 Apr 2022 13:28

Tgt Ion: 75 Resp: 177560
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

