

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028360.D
 Acq On : 26 Apr 2022 19:19
 Operator : JC/MD
 Sample : N2557-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Apr 27 02:07:53 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)

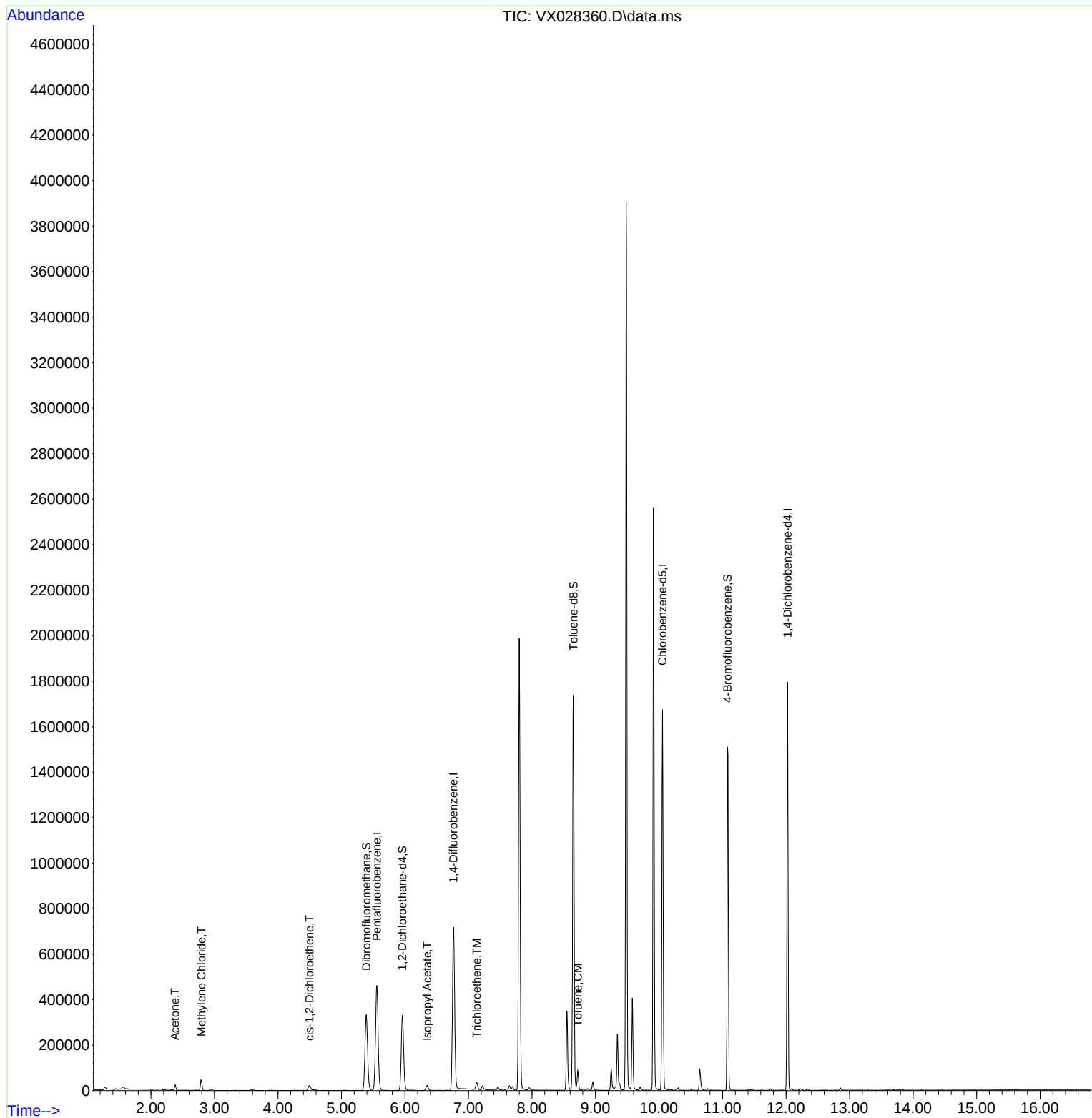
Internal Standards						
1) Pentafluorobenzene	5.556	168	466994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	778740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	784913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	371167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	313397	51.469	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.940%	
35) Dibromofluoromethane	5.391	113	286033	52.375	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.760%	
50) Toluene-d8	8.653	98	1070773	51.049	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.079	95	398824	49.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	25615	12.447	ug/l	95
20) Methylene Chloride	2.794	84	21080	4.666	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	15200	2.612	ug/l	84
43) Isopropyl Acetate	6.348	43	29845	2.537	ug/l	98
44) Trichloroethene	7.129	130	12657	2.093	ug/l	91
52) Toluene	8.720	92	30473	2.103	ug/l	98

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

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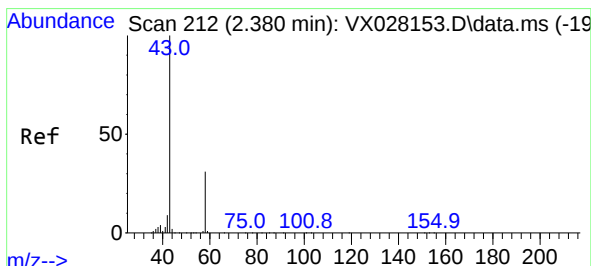
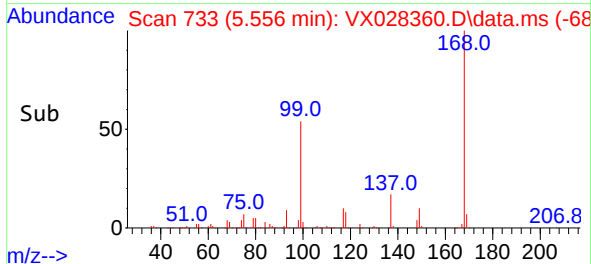
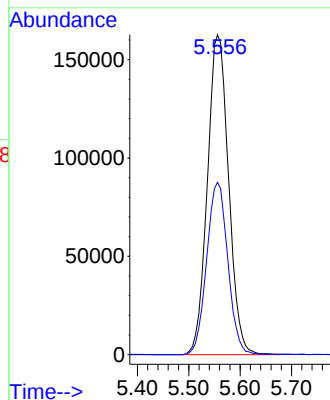
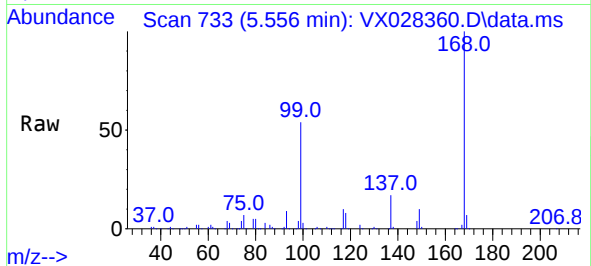




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

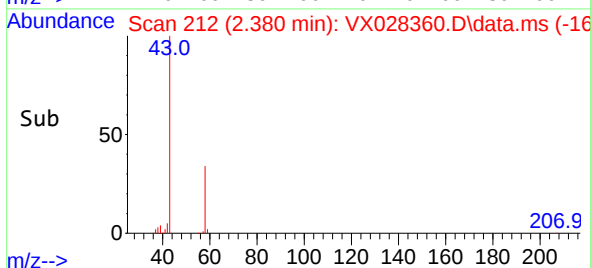
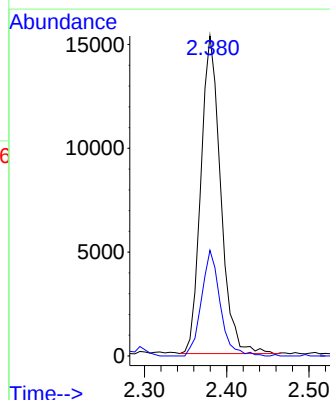
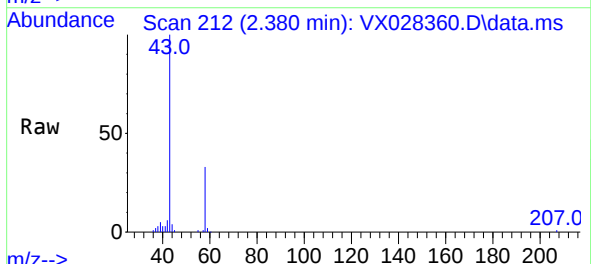
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

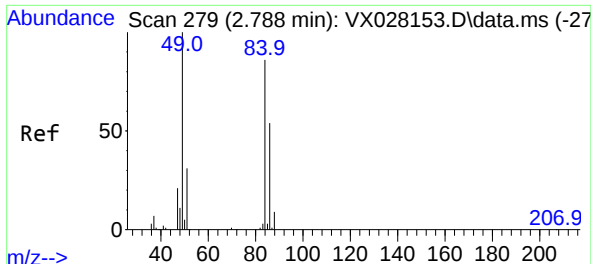
Tgt Ion:168 Resp: 466994
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#16
Acetone
Concen: 12.447 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Tgt Ion: 43 Resp: 25615
Ion Ratio Lower Upper
43 100
58 33.2 28.8 43.2



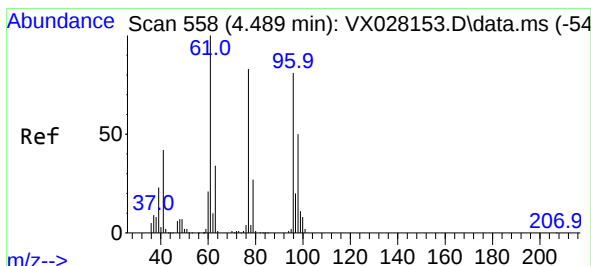
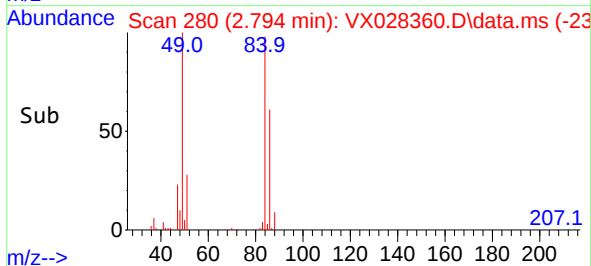
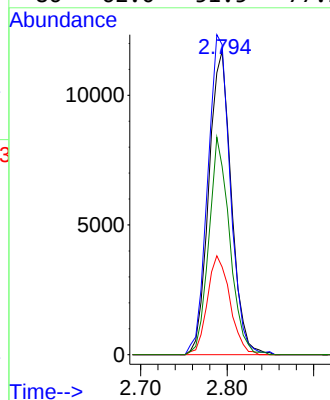
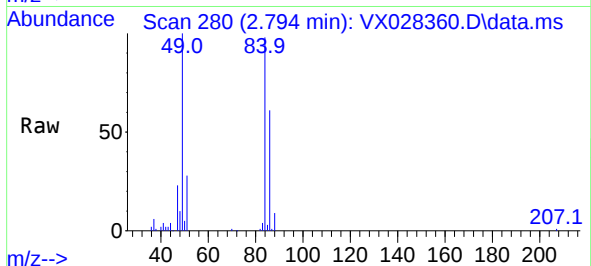


#20
Methylene Chloride
Concen: 4.666 ug/l
RT: 2.794 min Scan# 21080
Delta R.T. 0.006 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 84 Resp: 21080

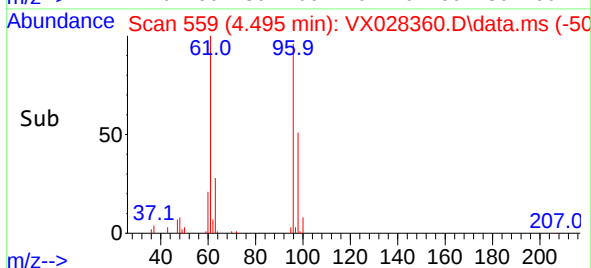
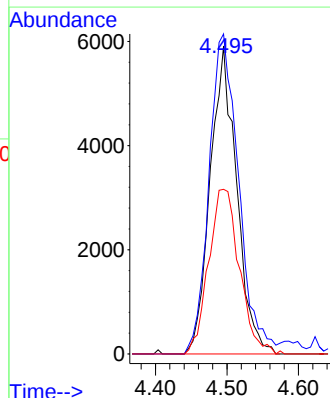
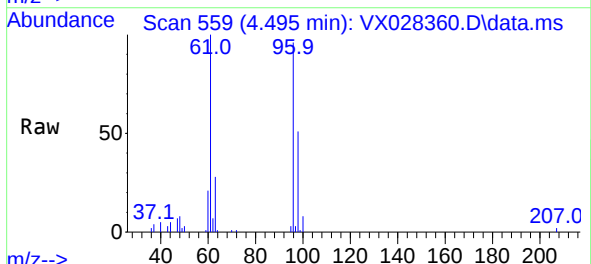
Ion	Ratio	Lower	Upper
84	100		
49	102.2	85.5	128.3
51	28.9	26.6	39.8
86	62.0	51.5	77.3

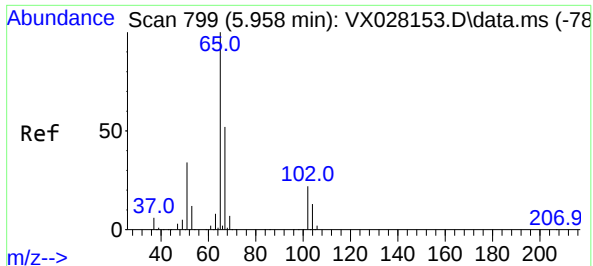


#27
cis-1,2-Dichloroethene
Concen: 2.612 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Tgt Ion: 96 Resp: 15200

Ion	Ratio	Lower	Upper
96	100		
61	115.9	0.0	283.8
98	62.3	0.0	129.8

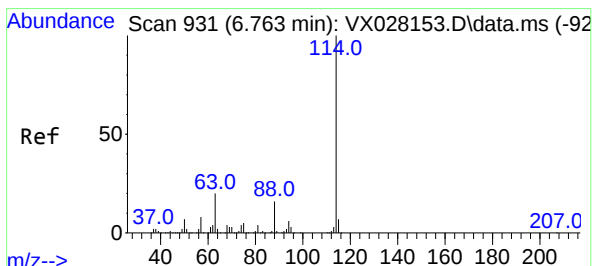
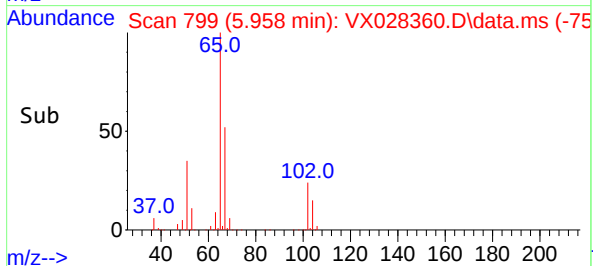
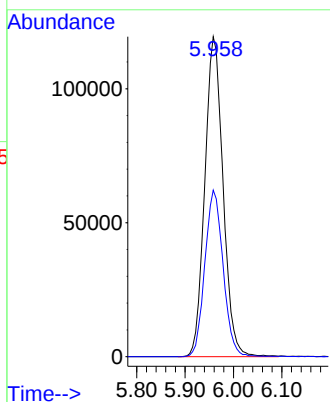
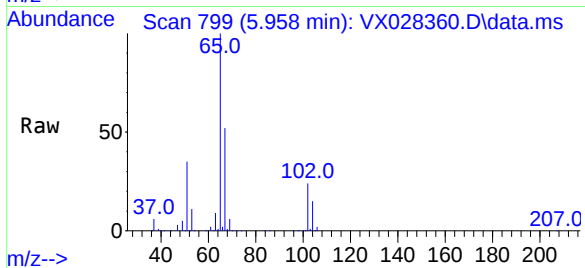




#33
 1,2-Dichloroethane-d4
 Concen: 51.469 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028360.D
 Acq: 26 Apr 2022 19:19

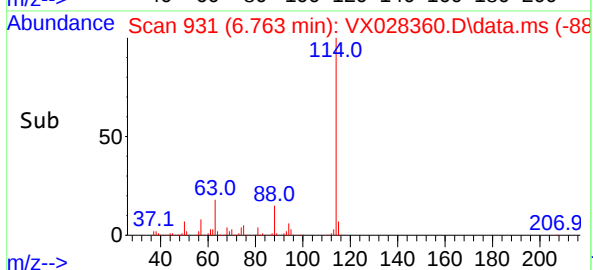
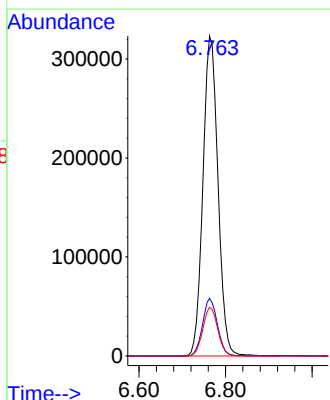
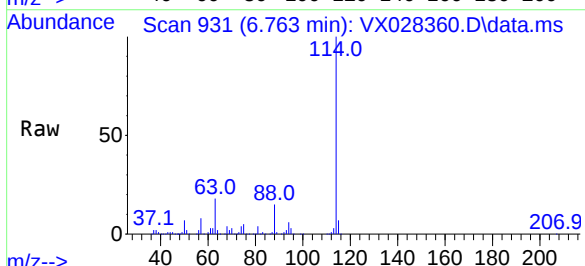
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

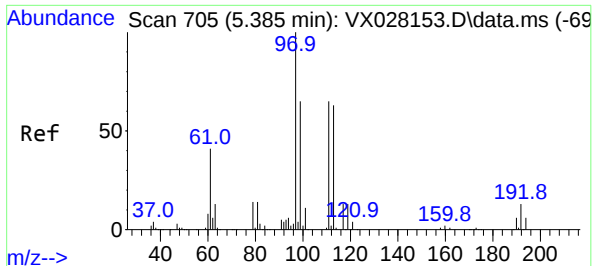
Tgt Ion: 65 Resp: 313397
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028360.D
 Acq: 26 Apr 2022 19:19

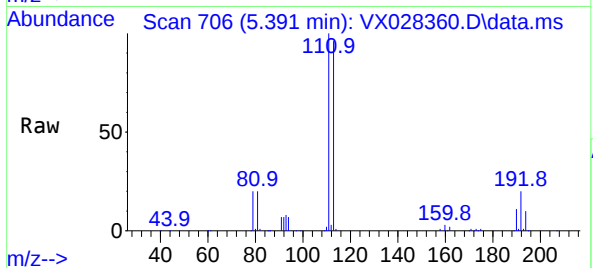
Tgt Ion: 114 Resp: 778740
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 15.3 0.0 32.4



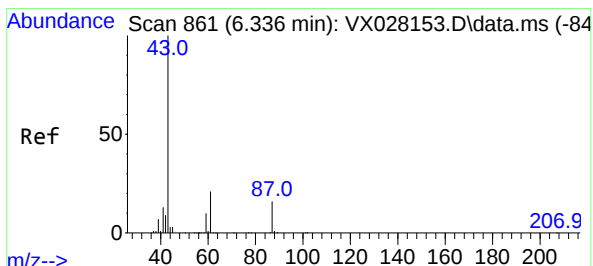
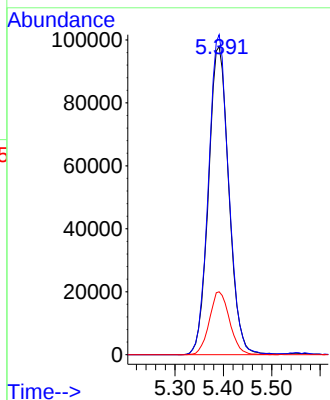
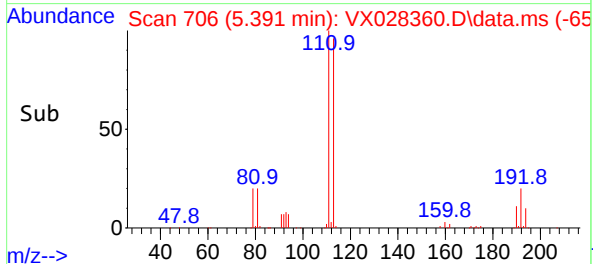


#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

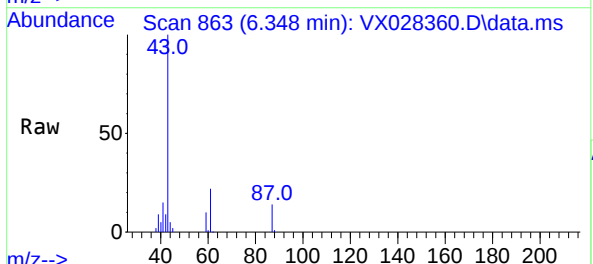
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS



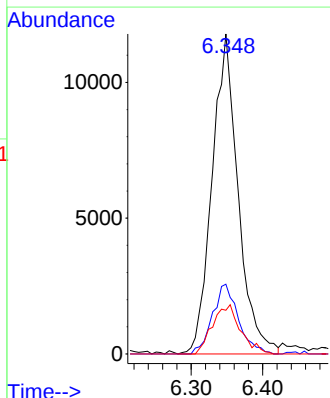
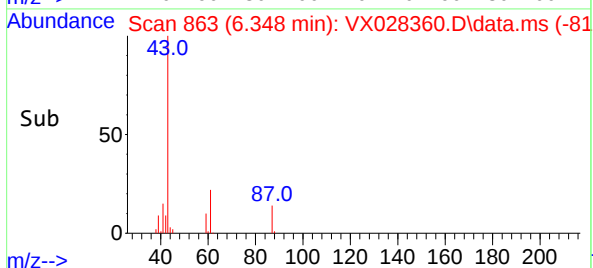
Tgt Ion:113 Resp: 286033
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.3 16.9 25.3

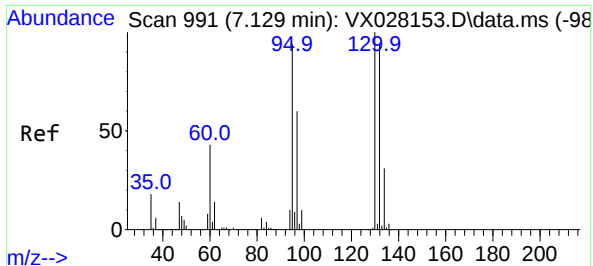


#43
Isopropyl Acetate
Concen: 2.537 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19



Tgt Ion: 43 Resp: 29845
Ion Ratio Lower Upper
43 100
61 21.7 18.5 27.7
87 16.5 13.0 19.6

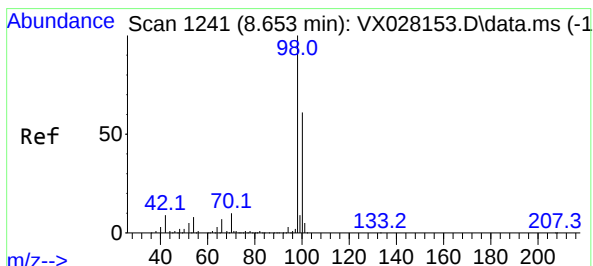
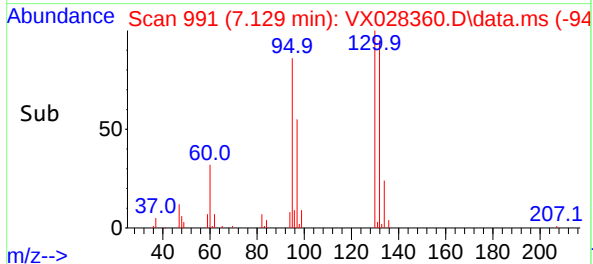
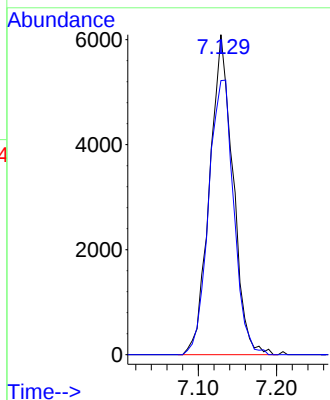
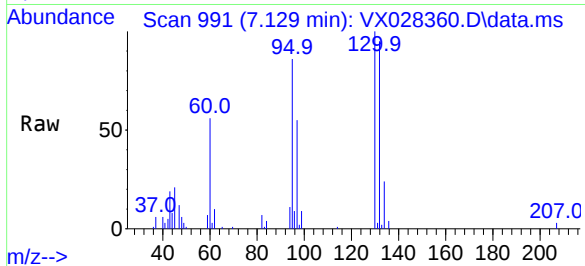




#44
Trichloroethene
Concen: 2.093 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

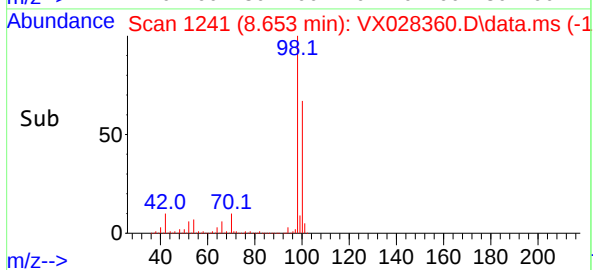
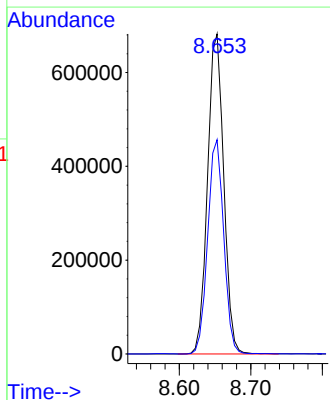
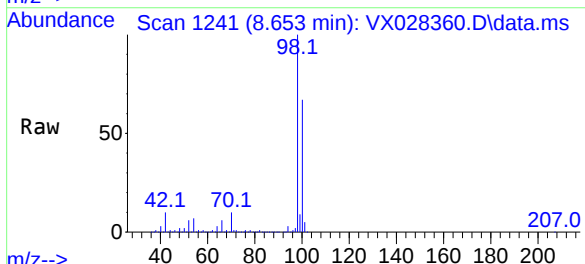
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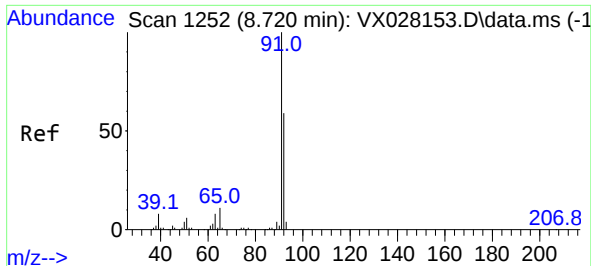
Tgt Ion:130 Resp: 12657
Ion Ratio Lower Upper
130 100
95 85.7 0.0 188.8



#50
Toluene-d8
Concen: 51.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Tgt Ion: 98 Resp: 1070773
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

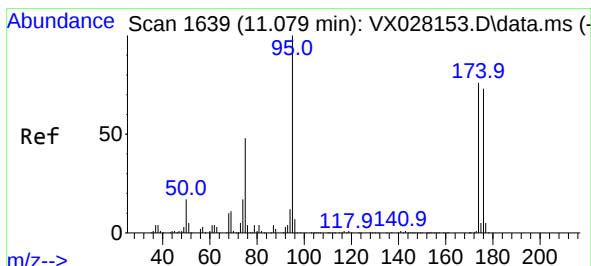
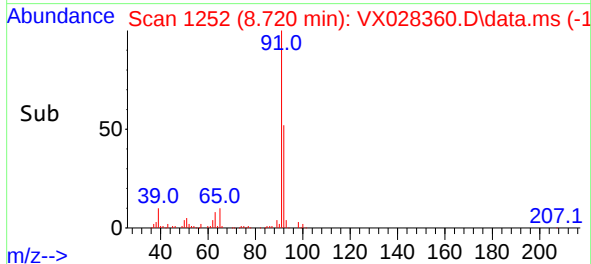
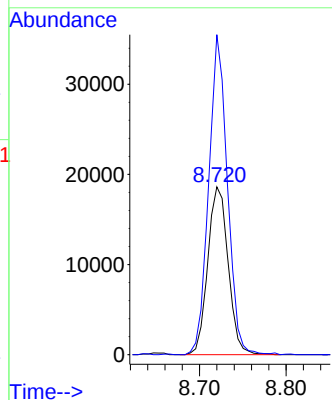
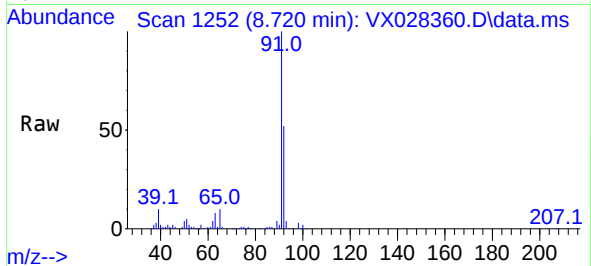




#52
Toluene
Concen: 2.103 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

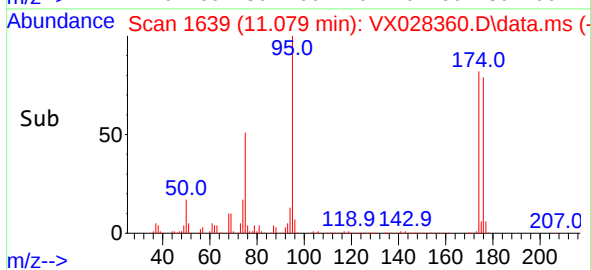
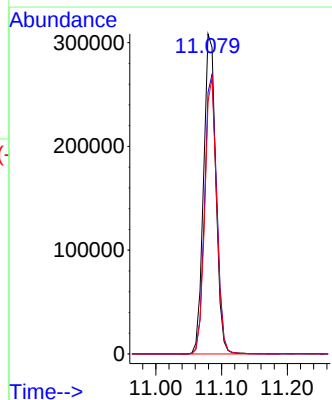
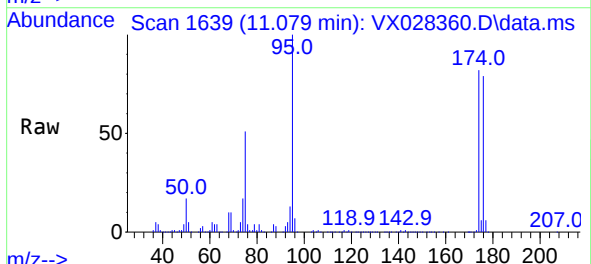
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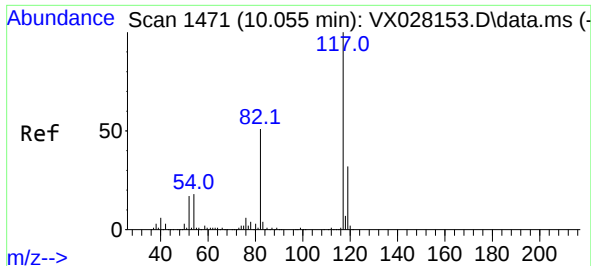
Tgt Ion: 92 Resp: 30473
Ion Ratio Lower Upper
92 100
91 174.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 49.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Tgt Ion: 95 Resp: 398824
Ion Ratio Lower Upper
95 100
174 87.0 0.0 163.0
176 83.8 0.0 155.0

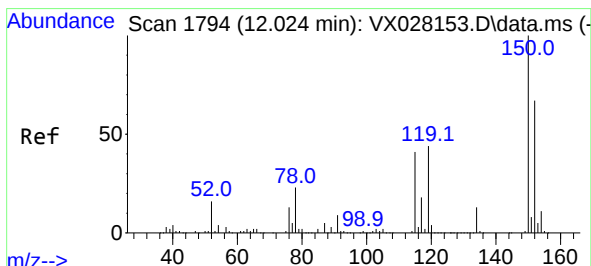
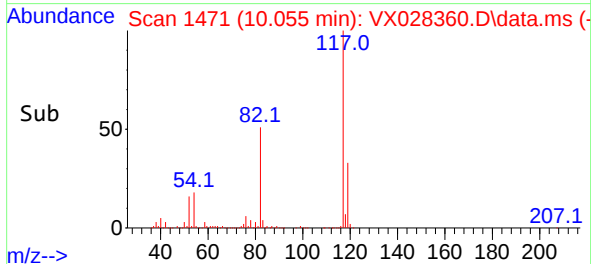
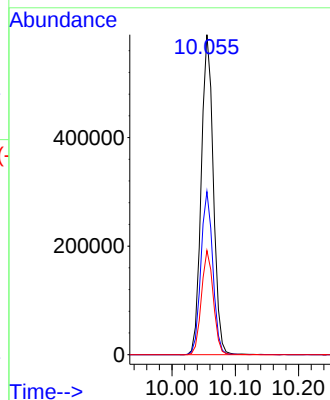
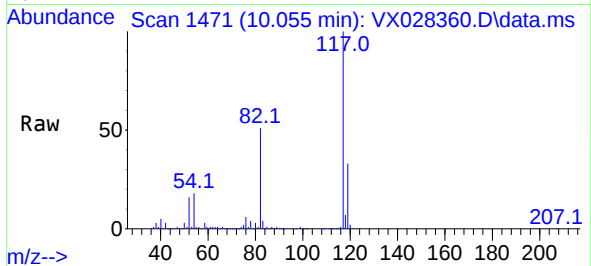




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028360.D
Acq: 26 Apr 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 784913
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.8
119 32.6 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: VX028360.D
Acq: 26 Apr 2022 19:19

Tgt Ion:152 Resp: 371167
Ion Ratio Lower Upper
152 100
115 57.0 37.5 112.7
150 155.2 0.0 338.2

