

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034721.D
 Acq On : 24 Mar 2023 15:19
 Operator : JC/MD
 Sample : 02070-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILPILE-2-0323

Quant Time: Mar 27 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

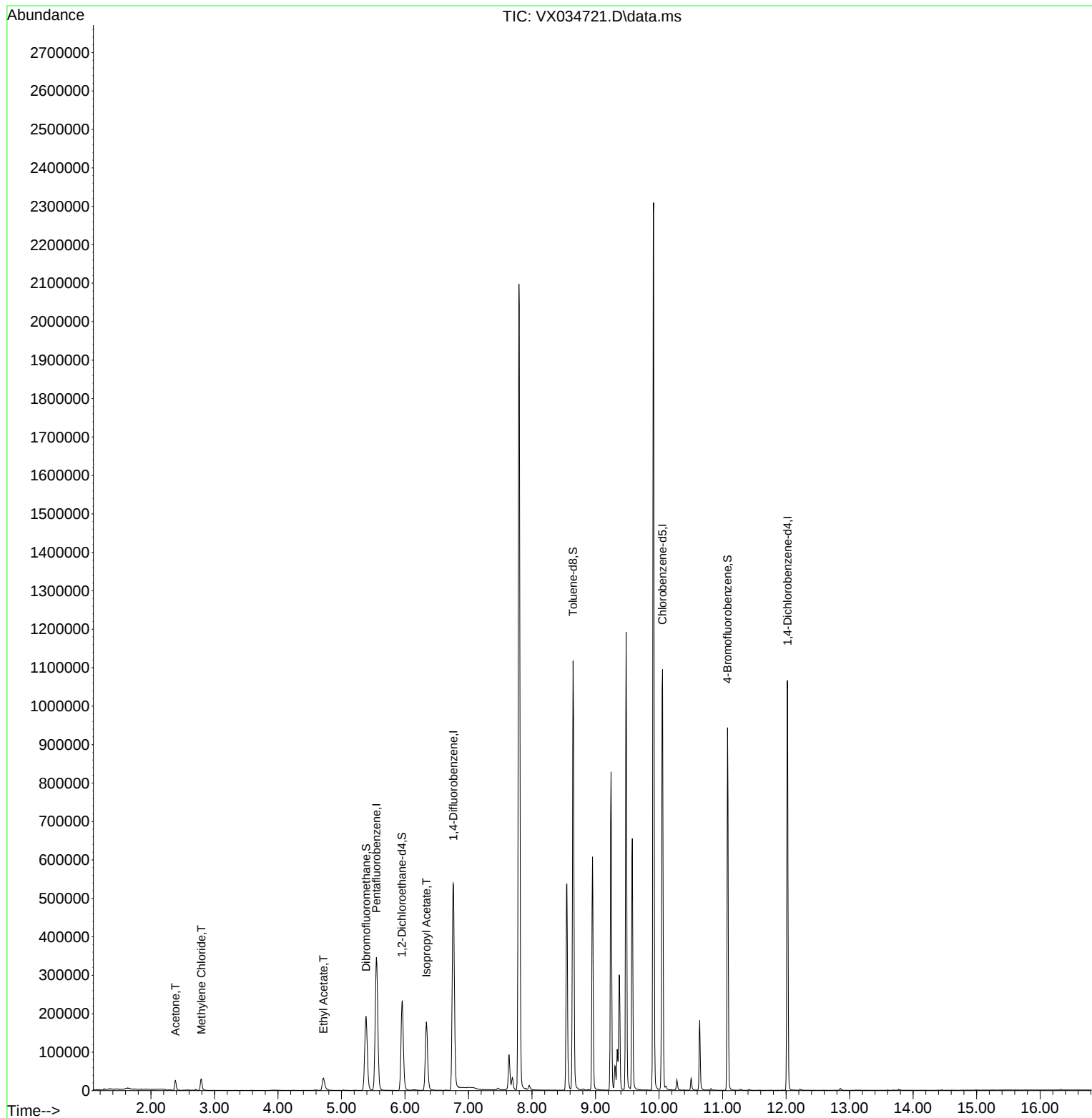
Internal Standards						
1) Pentafluorobenzene	5.550	168	313360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230840	50.637	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.280%			
35) Dibromofluoromethane	5.385	113	167407	47.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	8.647	98	634122	48.501	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.079	95	247877	46.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.880%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	30387	14.151	ug/l	91
20) Methylene Chloride	2.794	84	14332	3.439	ug/l	97
37) Ethyl Acetate	4.715	43	59253	10.083	ug/l	99
43) Isopropyl Acetate	6.336	43	247483	24.858	ug/l	99

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

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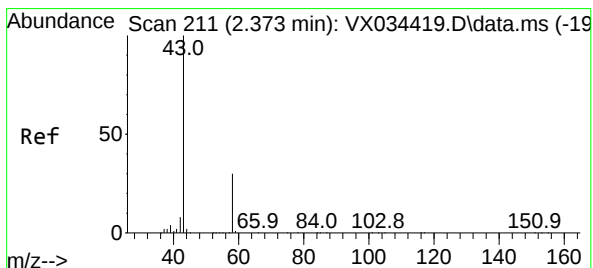
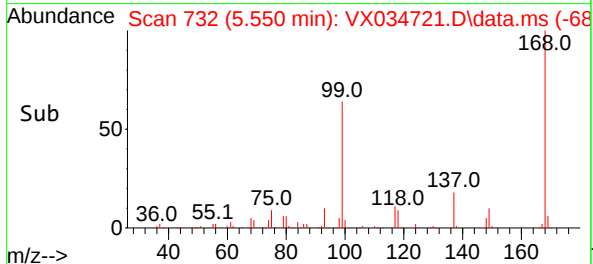
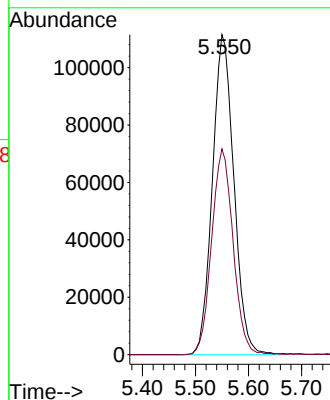
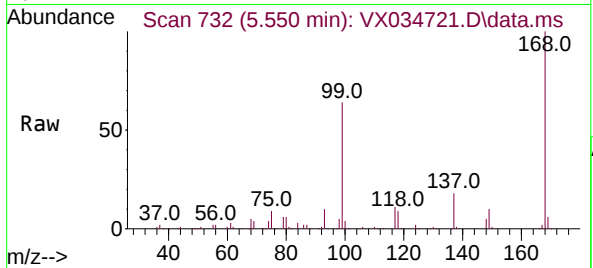




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

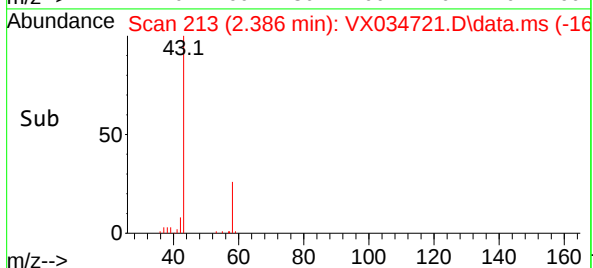
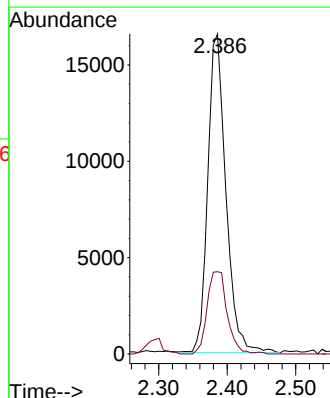
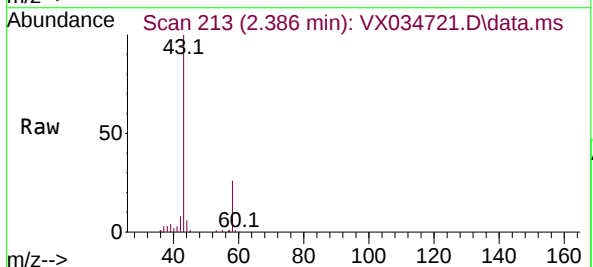
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-2-0323

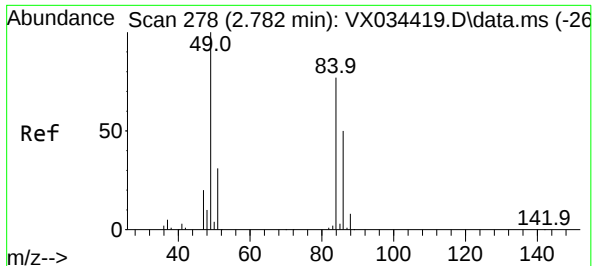
Tgt Ion:168 Resp: 313360
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5



#16
Acetone
Concen: 14.151 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 43 Resp: 30387
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1

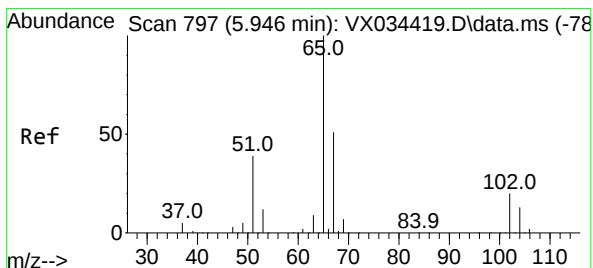
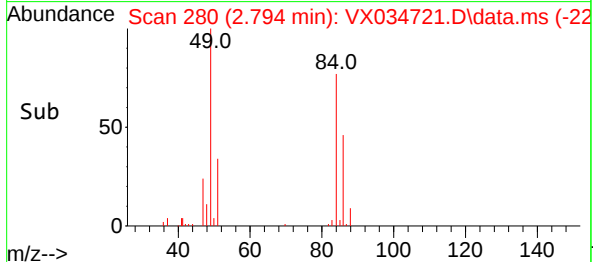
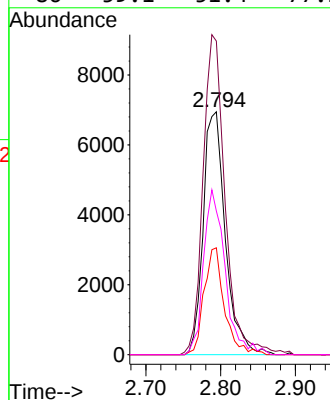
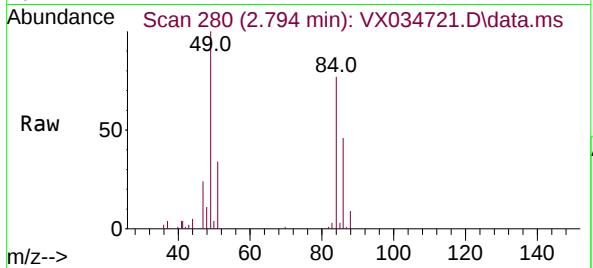




#20
Methylene Chloride
Concen: 3.439 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

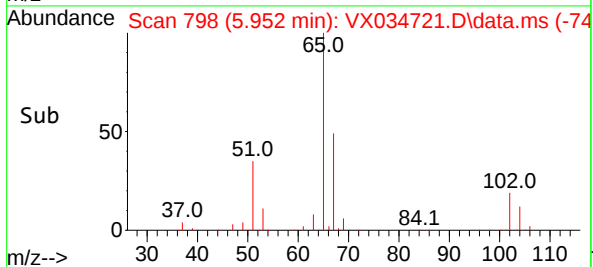
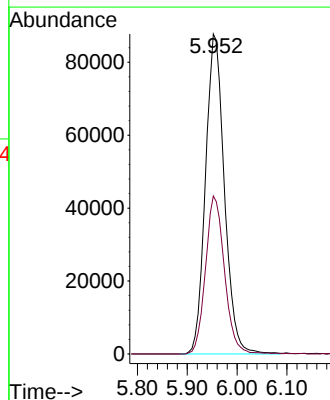
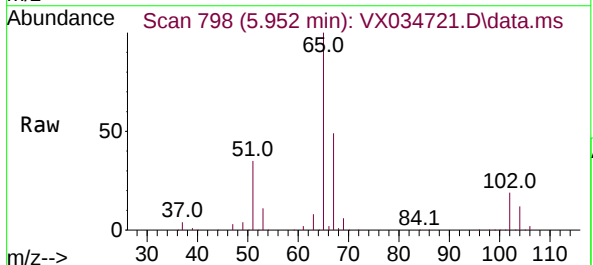
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-2-0323

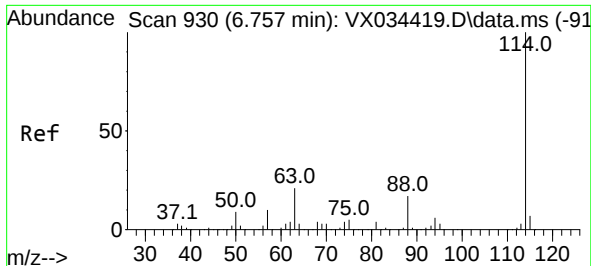
Tgt Ion:	84	Resp:	14332
Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.8	155.8
51	44.0	31.8	47.8
86	59.1	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion:	65	Resp:	230840
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	104.0

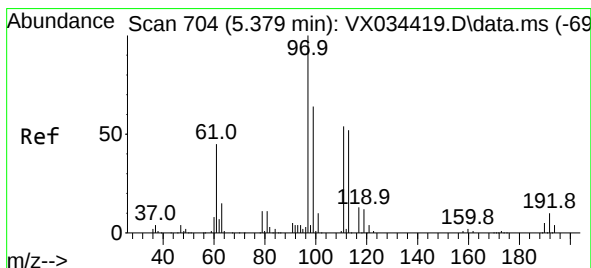
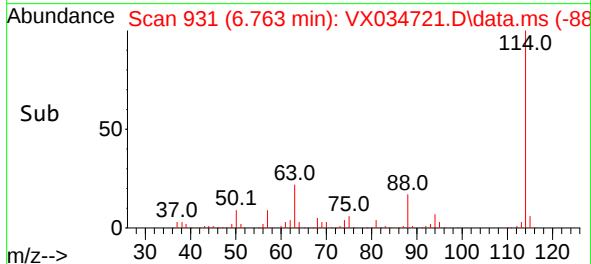
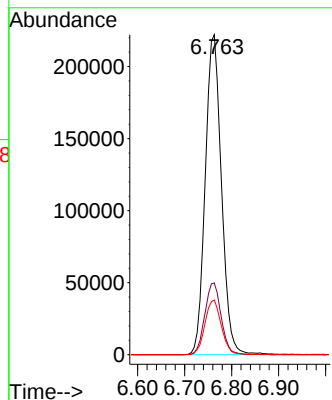
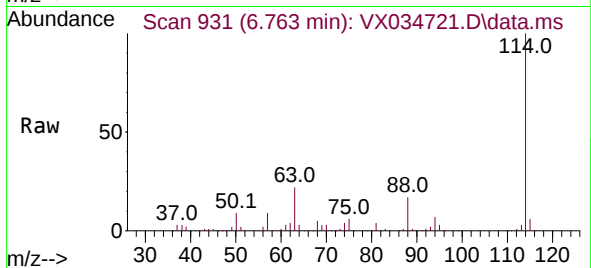




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

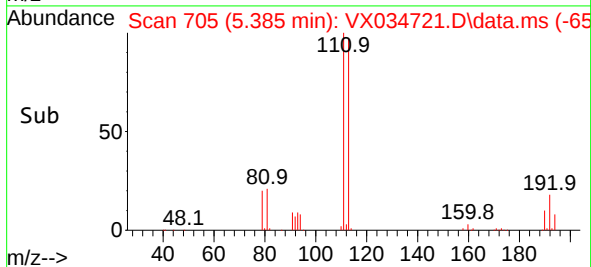
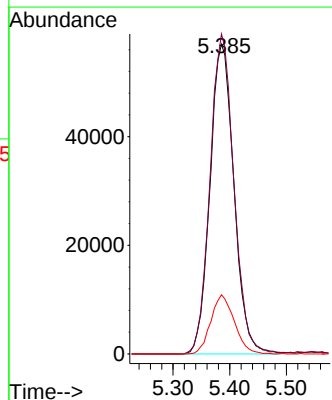
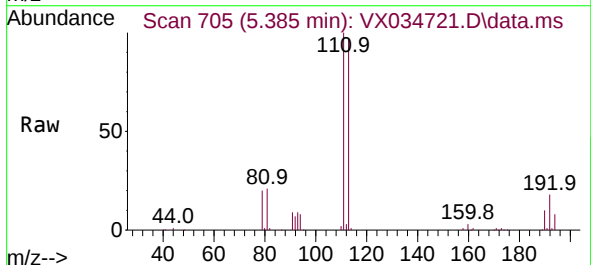
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-2-0323

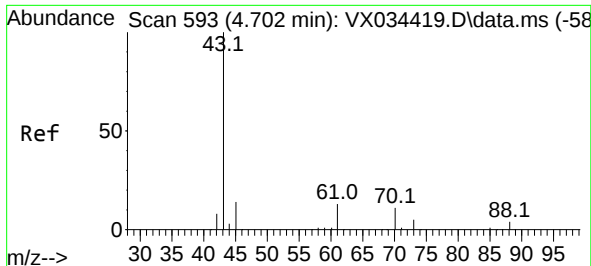
Tgt Ion:114 Resp: 530460
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion:113 Resp: 167407
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.7 15.4 23.2





#37

Ethyl Acetate

Concen: 10.083 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

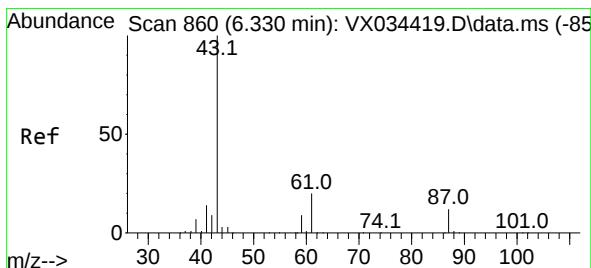
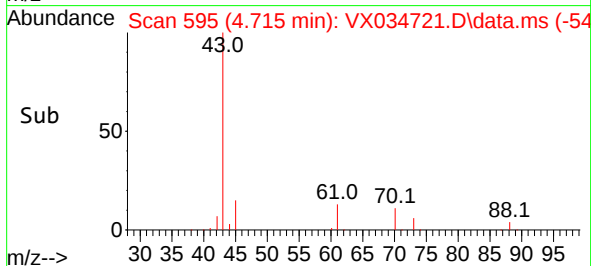
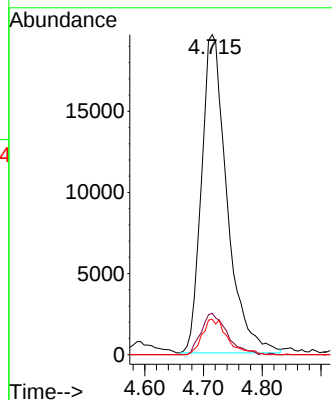
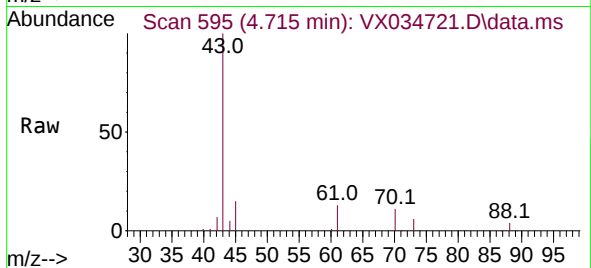
Instrument :

MSVOA_X

ClientSampleId :

SOILPILE-2-0323

Tgt Ion:	43	Resp:	59253
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.4
70	11.0	8.2	12.4



#43

Isopropyl Acetate

Concen: 24.858 ug/l

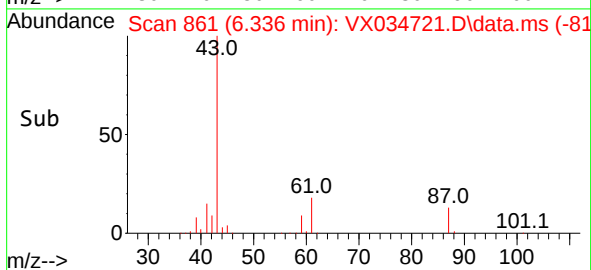
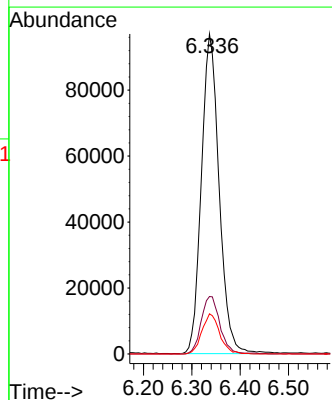
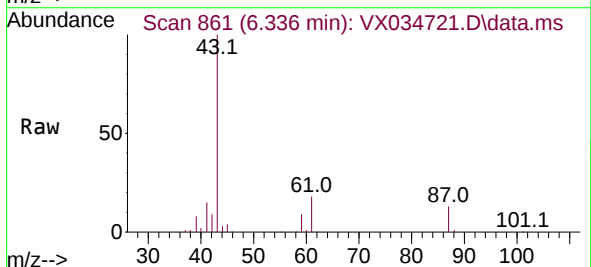
RT: 6.336 min Scan# 861

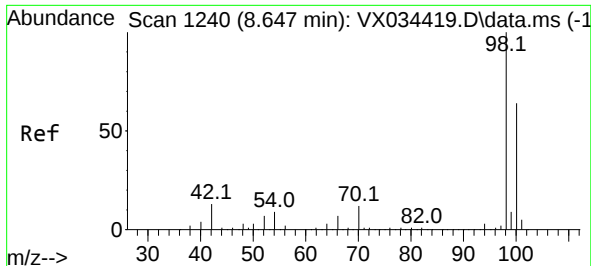
Delta R.T. 0.006 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

Tgt Ion:	43	Resp:	247483
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.6	9.8	14.8

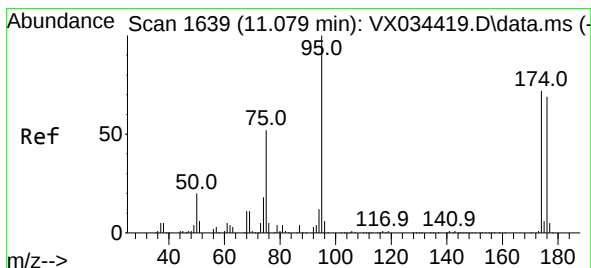
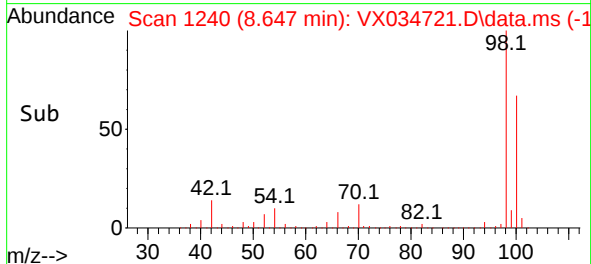
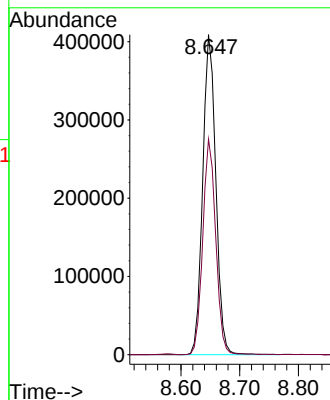
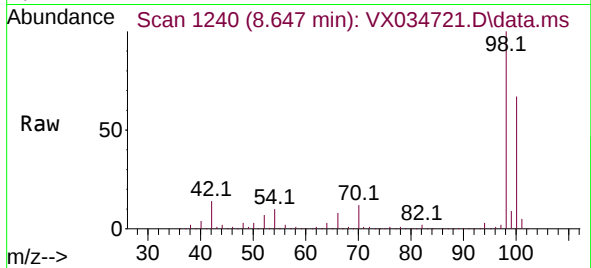




#50
Toluene-d8
Concen: 48.501 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

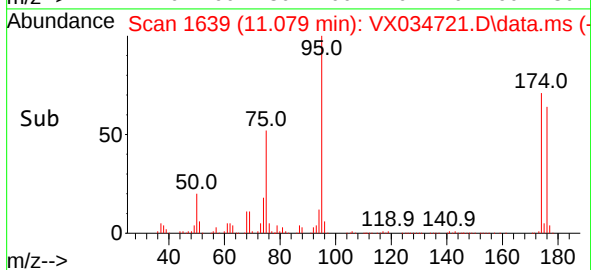
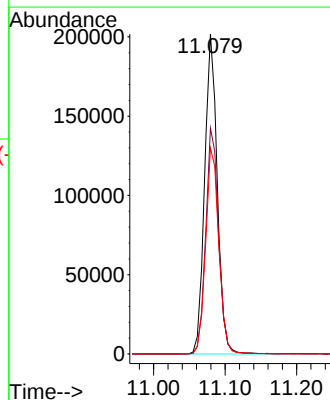
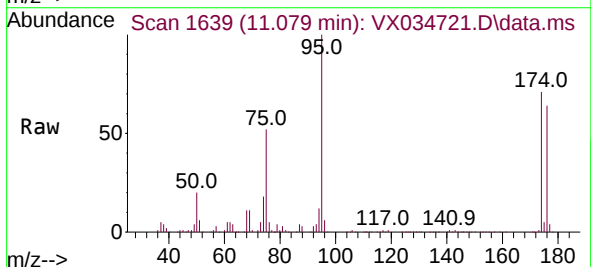
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-2-0323

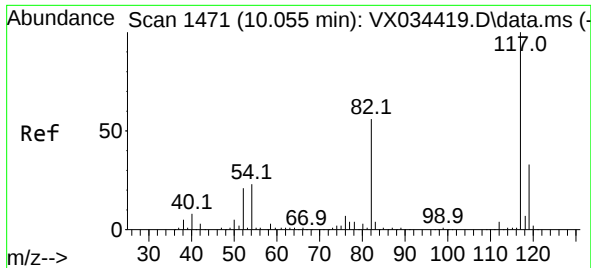
Tgt Ion: 98 Resp: 634122
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 95 Resp: 247877
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 67.1 0.0 140.6

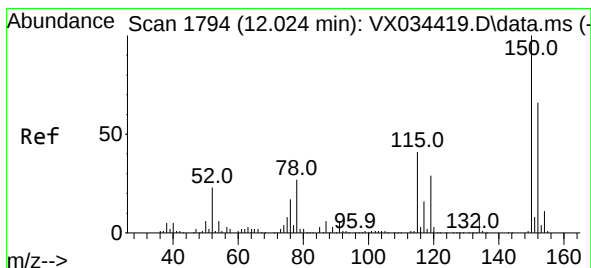
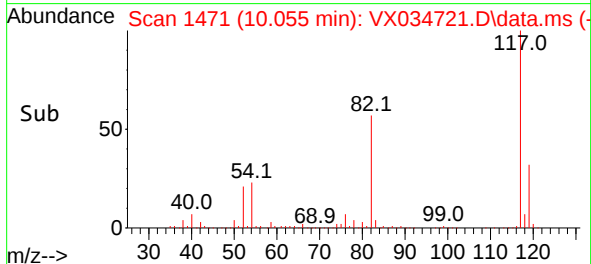
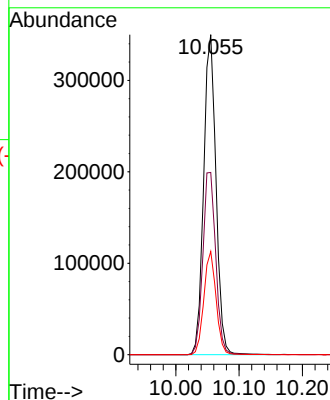
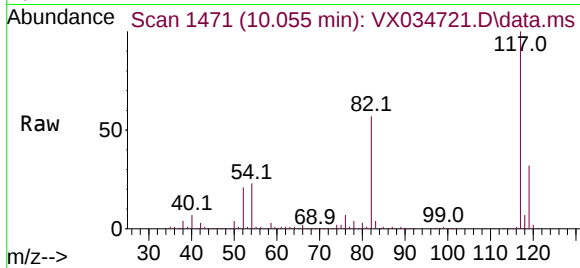




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-2-0323

Tgt Ion:117 Resp: 476308
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion:152 Resp: 216258
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 158.2 0.0 352.4

