

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034720.D
 Acq On : 24 Mar 2023 14:56
 Operator : JC/MD
 Sample : 02070-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILPILE-1-0323

Quant Time: Mar 27 01:31:11 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)

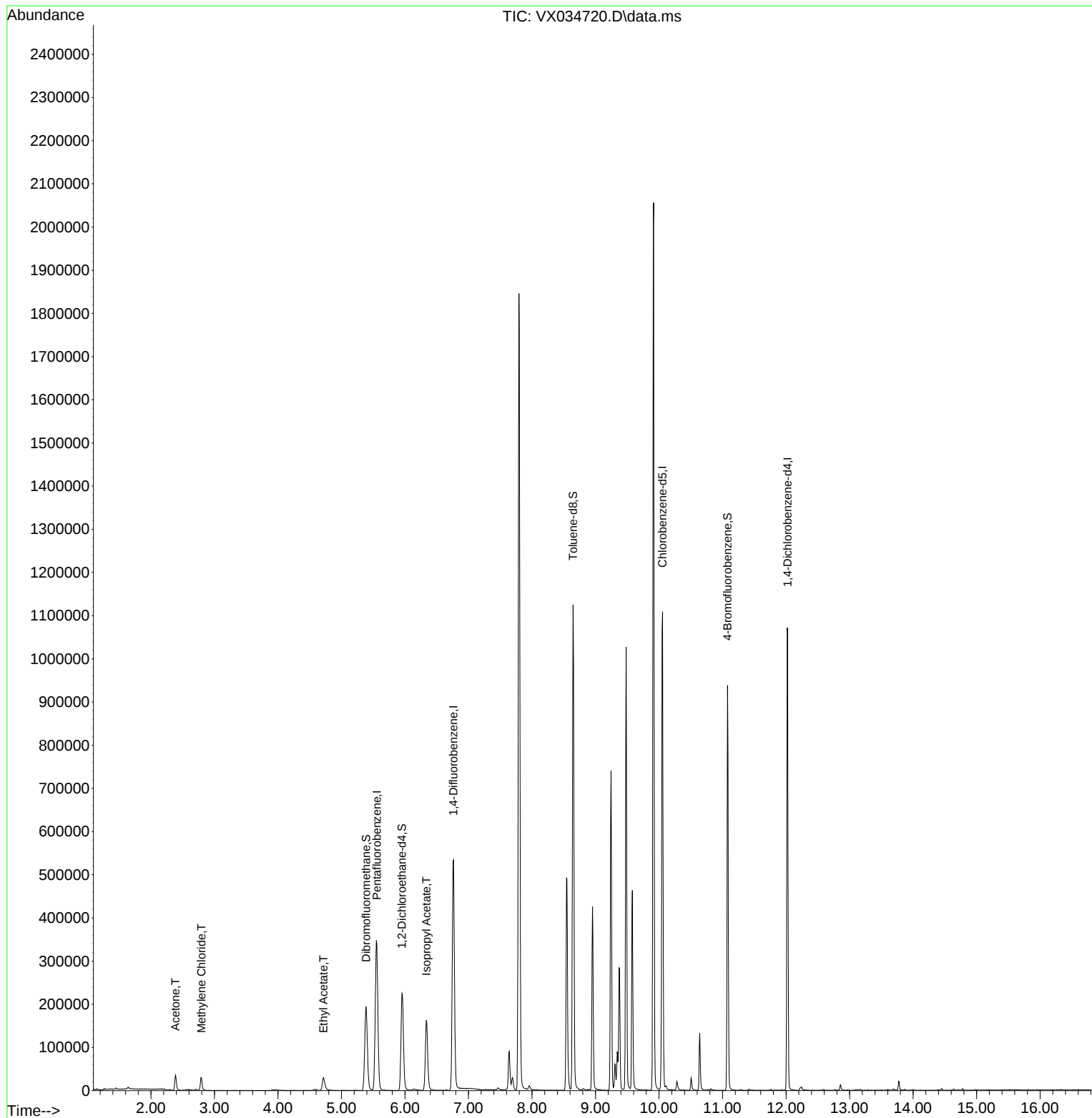
Internal Standards						
1) Pentafluorobenzene	5.556	168	312700	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	531808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230256	50.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.240%
35) Dibromofluoromethane	5.385	113	168469	47.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	636330	48.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	250681	47.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%
Target Compounds						
16) Acetone	2.386	43	42209	19.697	ug/l	Qvalue 93
20) Methylene Chloride	2.794	84	13882	3.338	ug/l	98
37) Ethyl Acetate	4.714	43	52471	8.906	ug/l	98
43) Isopropyl Acetate	6.336	43	227162	22.759	ug/l	99

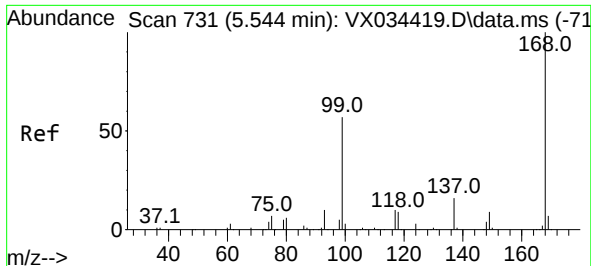
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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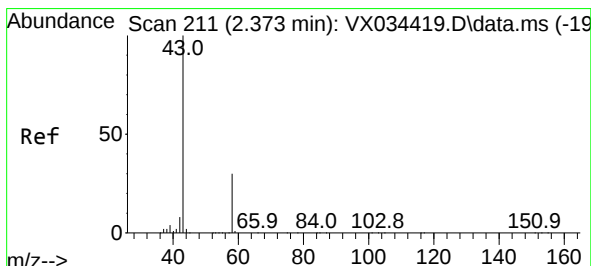
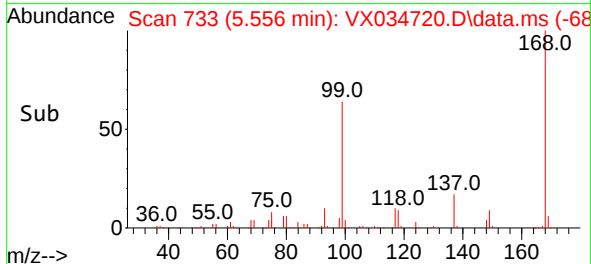
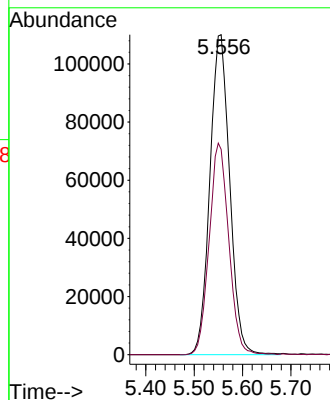
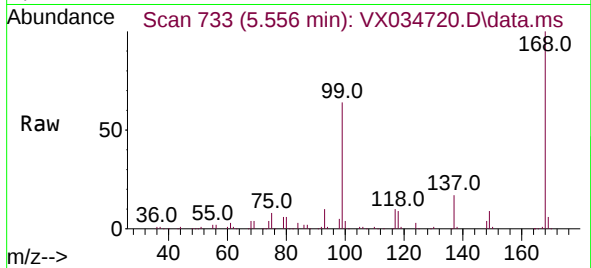




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

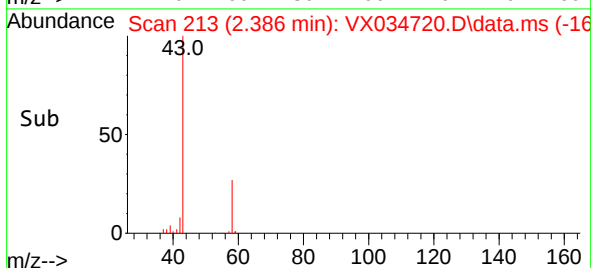
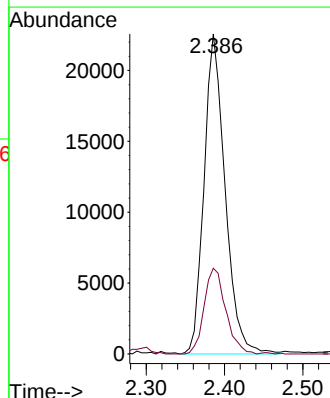
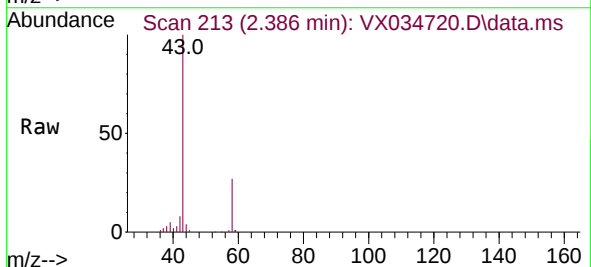
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-1-0323

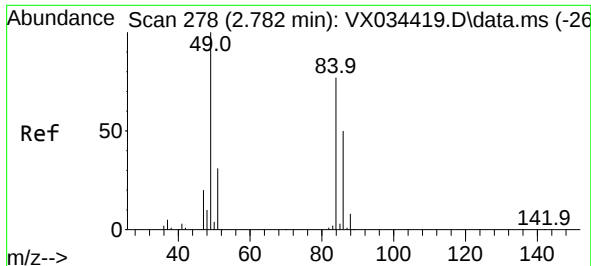
Tgt Ion:168 Resp: 312700
Ion Ratio Lower Upper
168 100
99 64.2 45.7 68.5



#16
Acetone
Concen: 19.697 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 43 Resp: 42209
Ion Ratio Lower Upper
43 100
58 26.8 24.7 37.1

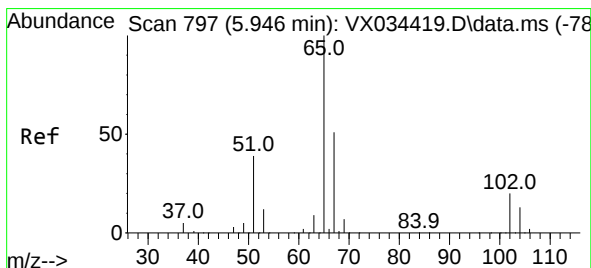
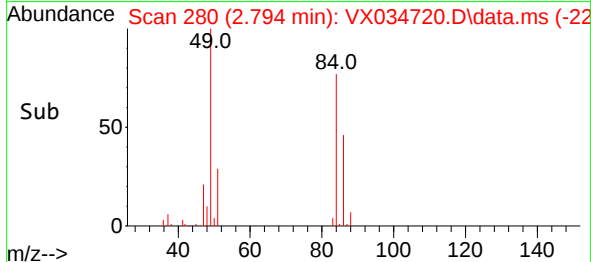
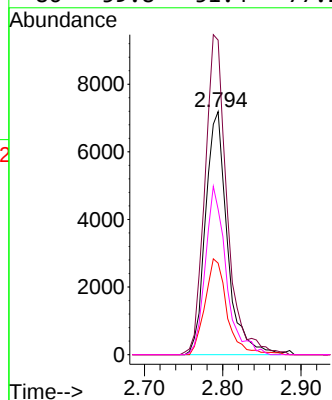
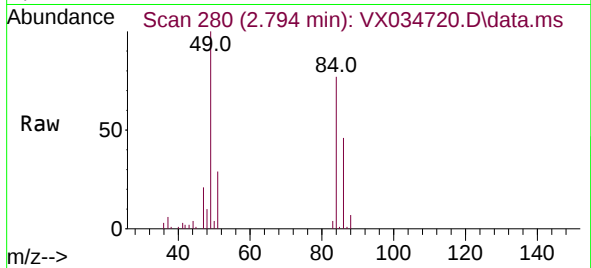




#20
Methylene Chloride
Concen: 3.338 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

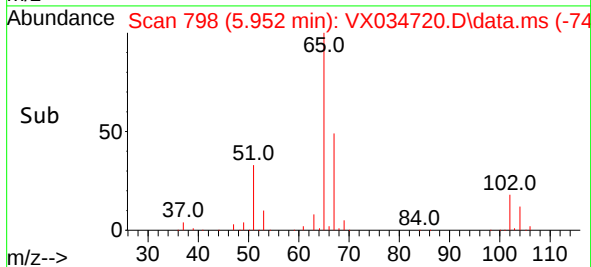
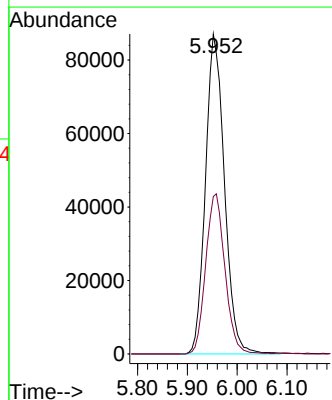
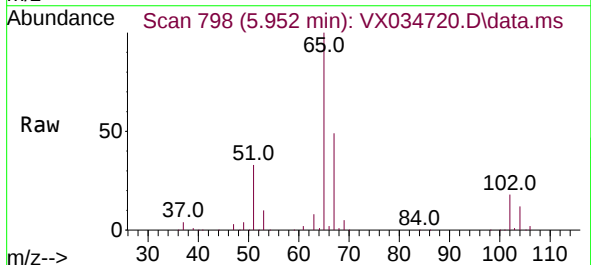
Instrument :
MSVOA_X
ClientSampleId :
SOILPILE-1-0323

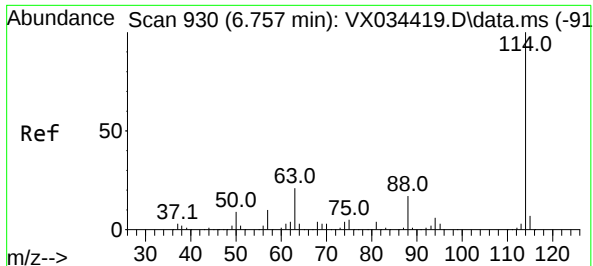
Tgt Ion:	84	Resp:	13882
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.8	155.8
51	37.7	31.8	47.8
86	59.8	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 50.615 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion:	65	Resp:	230256
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.0

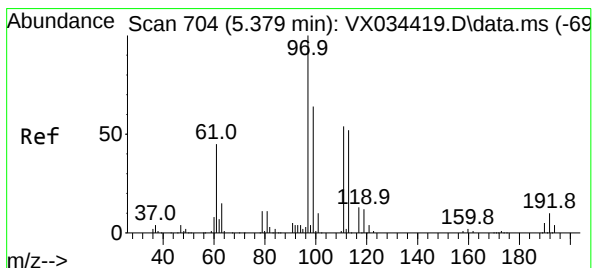
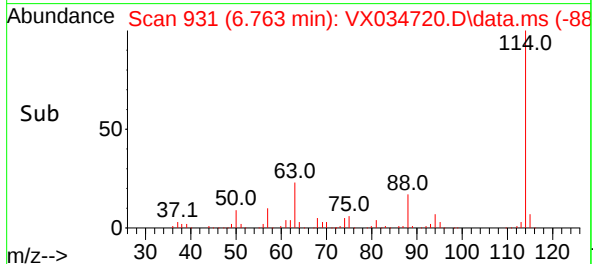
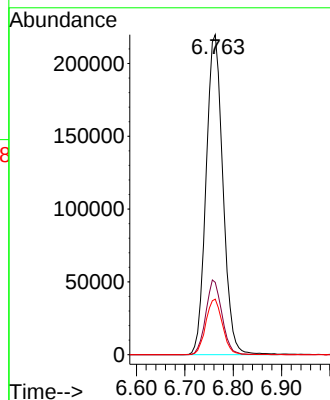
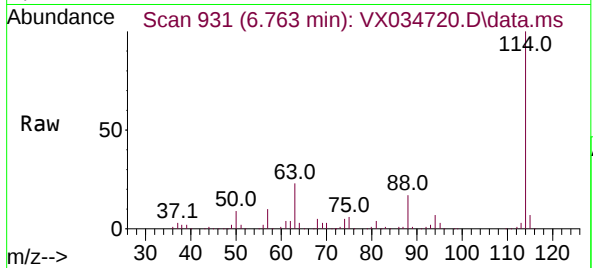




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

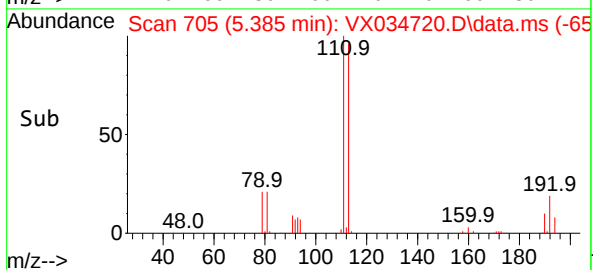
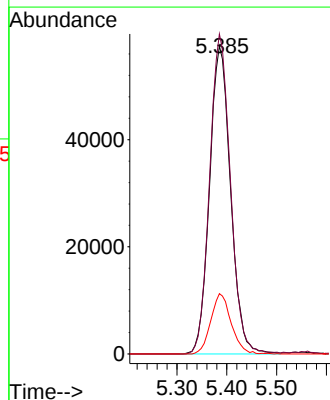
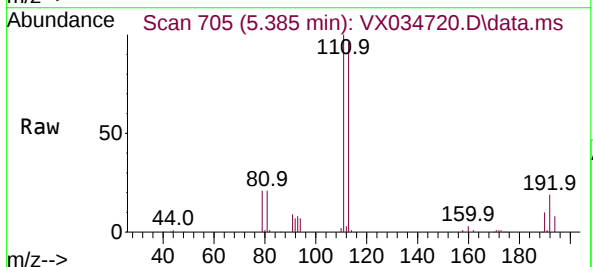
Instrument :
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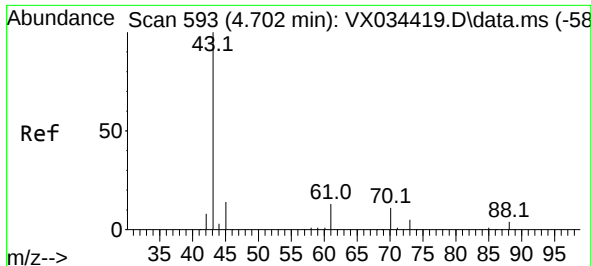
Tgt Ion:114 Resp: 531808
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.980 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion:113 Resp: 168469
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2





#37

Ethyl Acetate

Concen: 8.906 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034720.D

Acq: 24 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

SOILPILE-1-0323

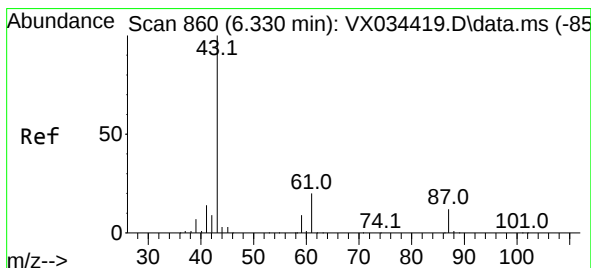
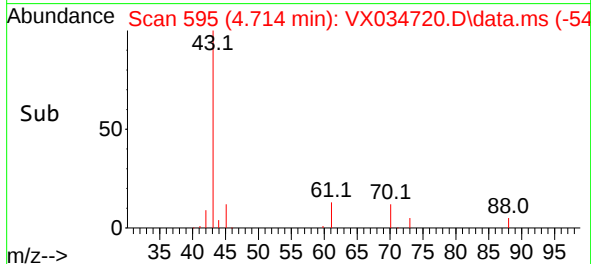
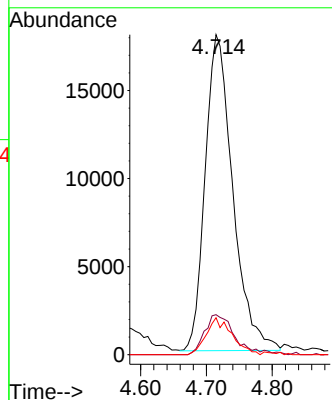
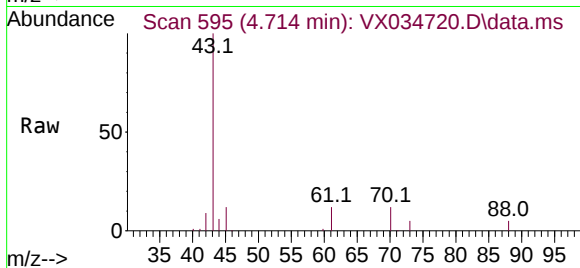
Tgt Ion: 43 Resp: 52471

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.4

70 10.8 8.2 12.4



#43

Isopropyl Acetate

Concen: 22.759 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX034720.D

Acq: 24 Mar 2023 14:56

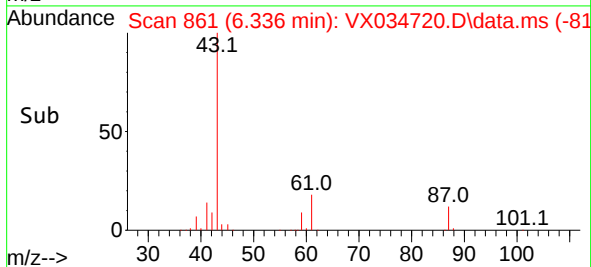
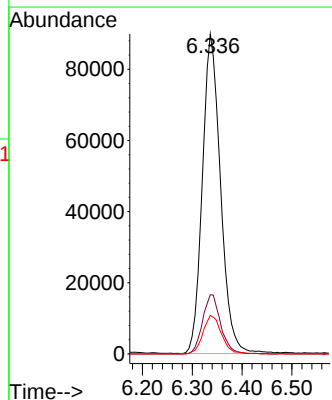
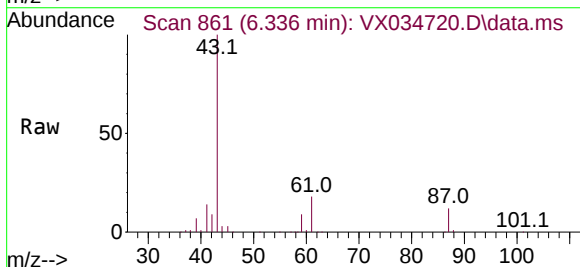
Tgt Ion: 43 Resp: 227162

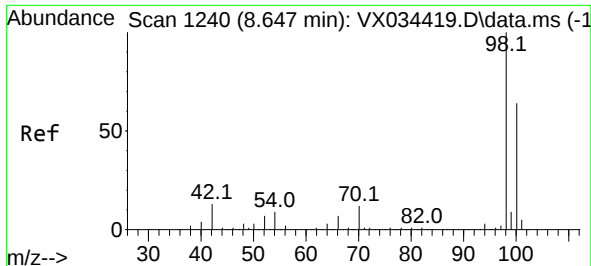
Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 12.2 9.8 14.8

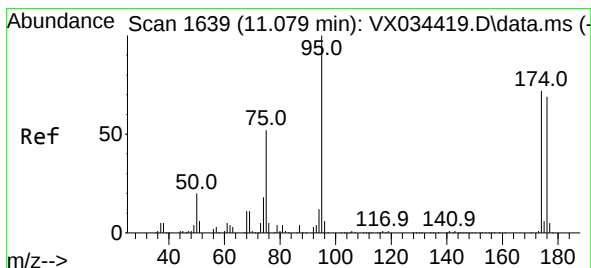
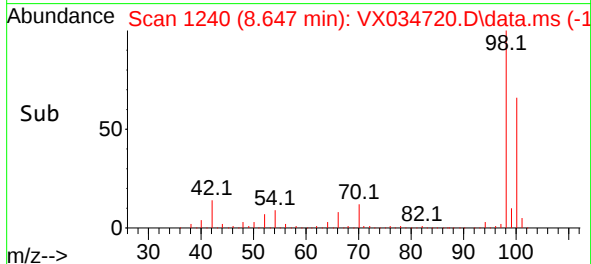
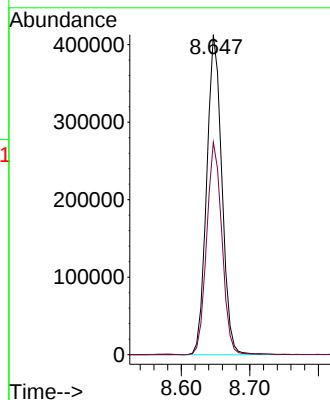
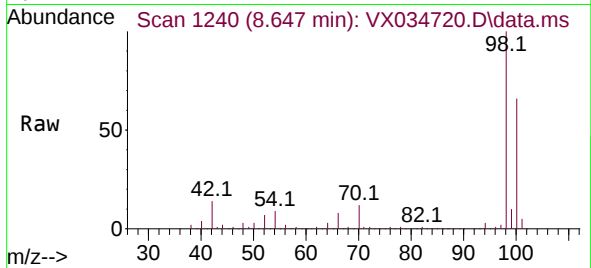




#50
Toluene-d8
Concen: 48.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

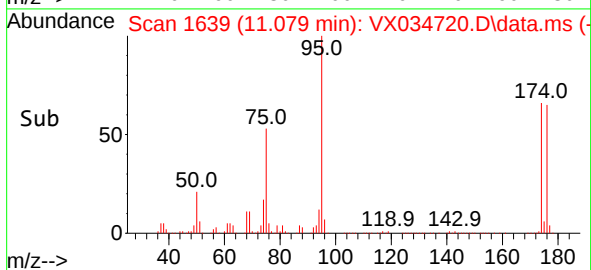
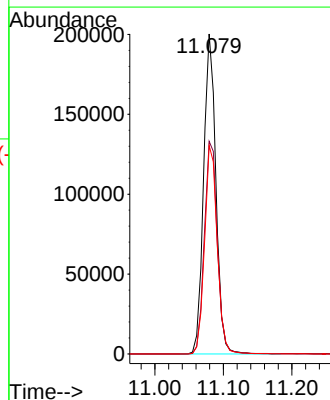
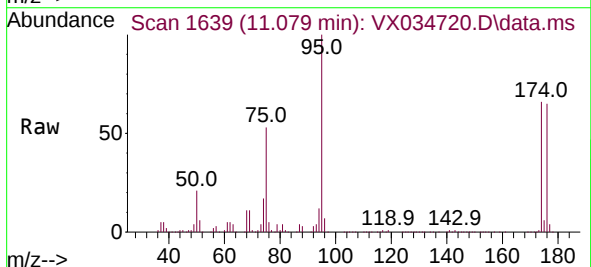
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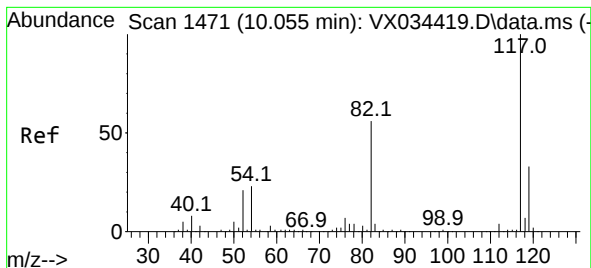
Tgt Ion: 98 Resp: 636330
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 95 Resp: 250681
Ion Ratio Lower Upper
95 100
174 70.1 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: VX034720.D

Acq: 24 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

SOILPILE-1-0323

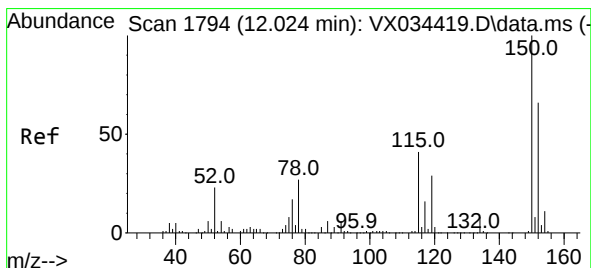
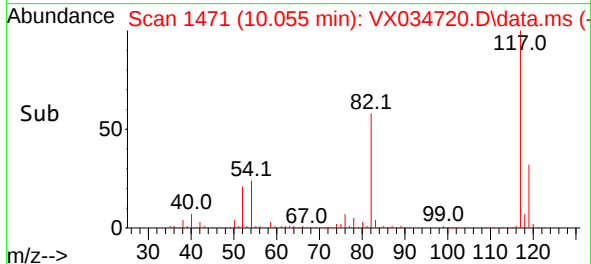
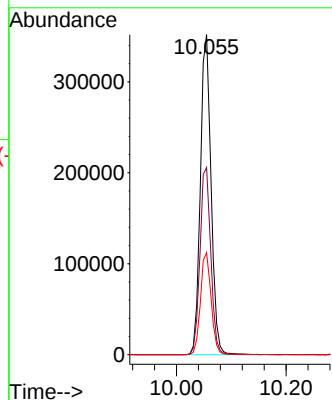
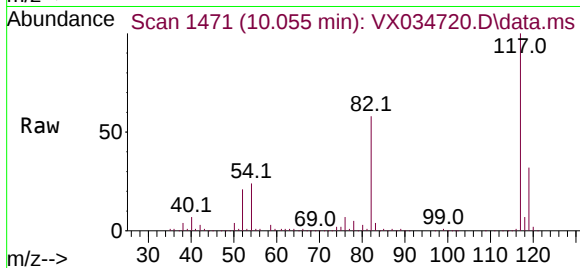
Tgt Ion:117 Resp: 476616

Ion Ratio Lower Upper

117 100

82 58.5 45.0 67.4

119 31.9 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: VX034720.D

Acq: 24 Mar 2023 14:56

Tgt Ion:152 Resp: 218542

Ion Ratio Lower Upper

152 100

115 64.0 45.0 135.0

150 155.4 0.0 352.4

