

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032366.D
 Acq On : 25 Oct 2022 15:59
 Operator : JC/MD
 Sample : N5211-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-SOILPILE-1020

Quant Time: Oct 25 16:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

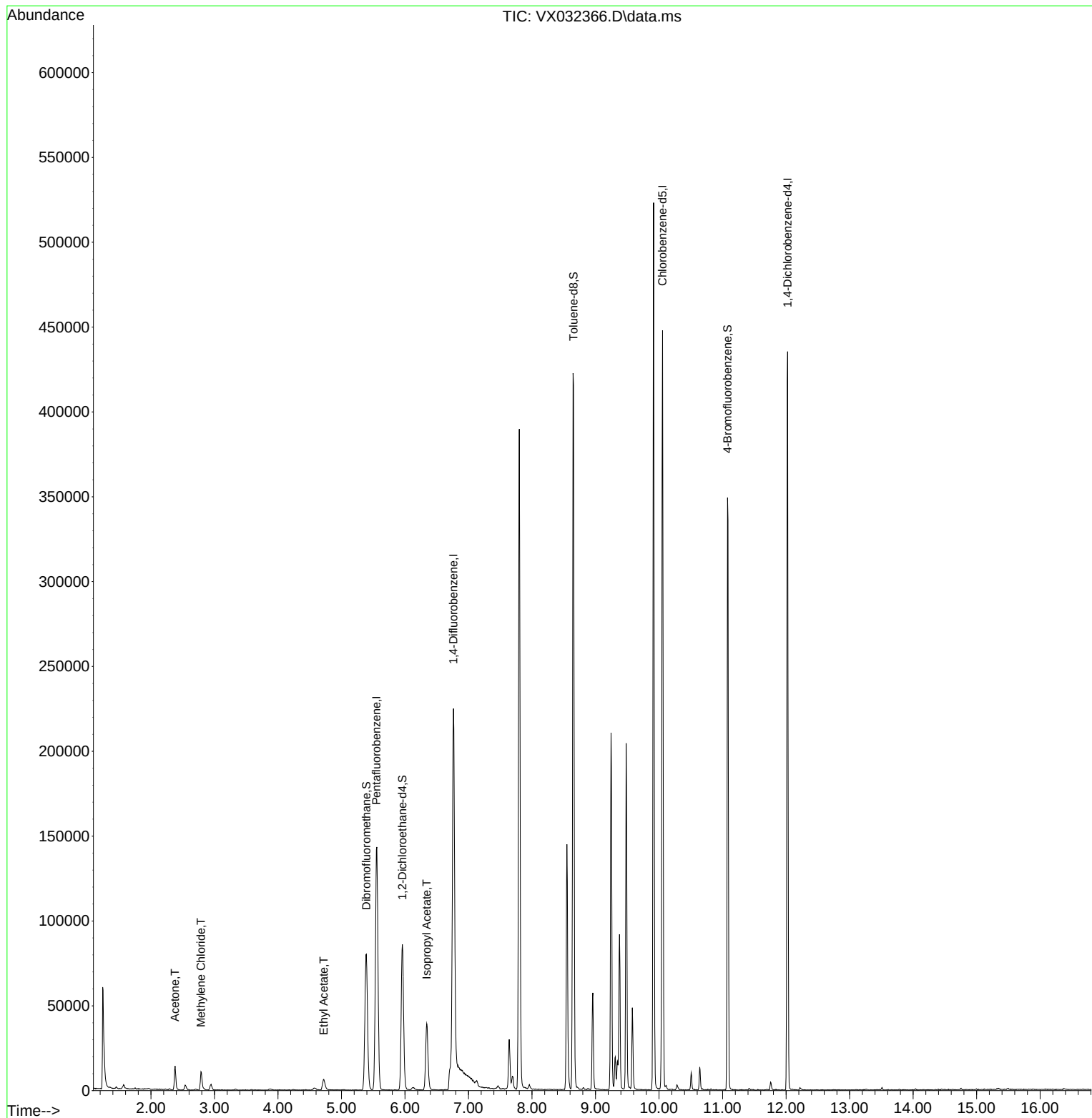
Internal Standards						
1) Pentafluorobenzene	5.550	168	134804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85429	48.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.420%
35) Dibromofluoromethane	5.391	113	69546	46.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.653	98	252816	46.930	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	89387	45.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	14791	25.990	ug/l	99
20) Methylene Chloride	2.788	84	5463	3.739	ug/l	93
37) Ethyl Acetate	4.721	43	11617	6.163	ug/l	100
43) Isopropyl Acetate	6.342	43	53740	18.166	ug/l	99

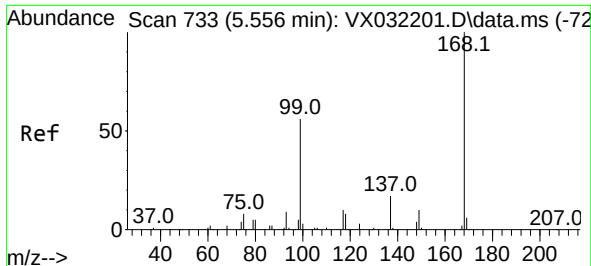
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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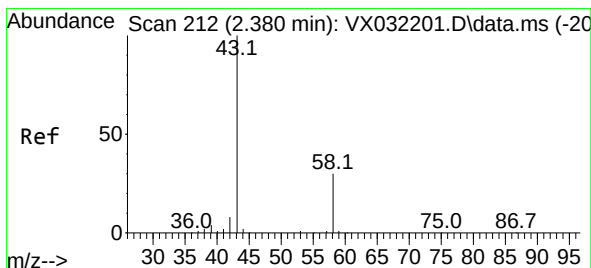
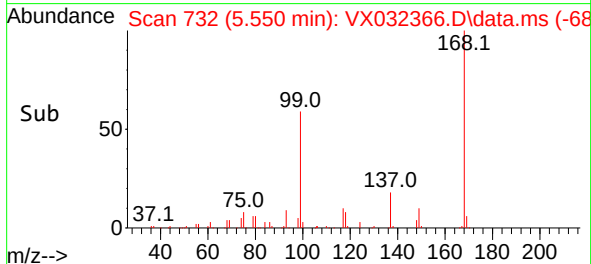
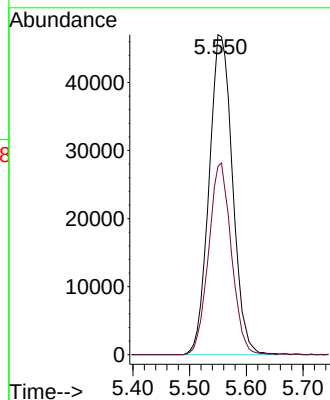
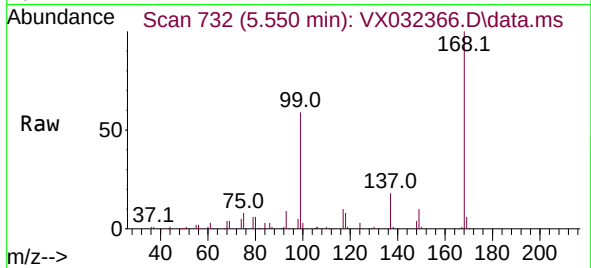




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

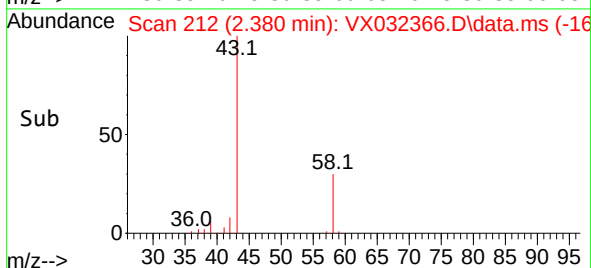
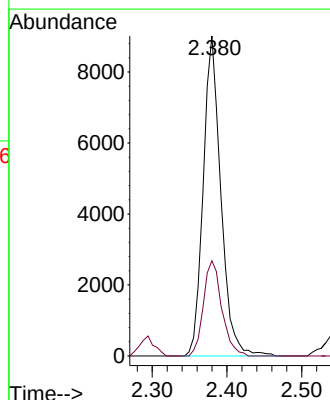
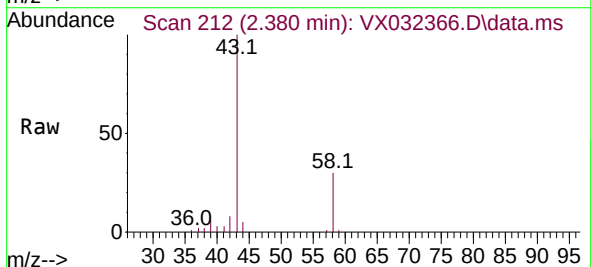
Instrument :
MSVOA_X
ClientSampleId :
SB-SOILPILE-1020

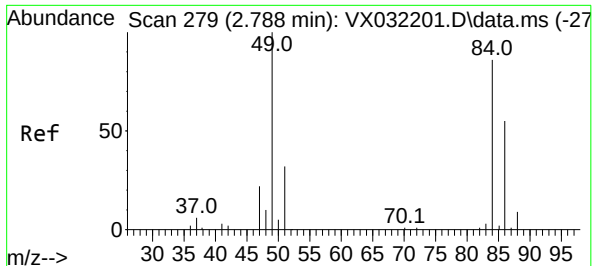
Tgt Ion:168 Resp: 134804
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2



#16
Acetone
Concen: 25.990 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

Tgt Ion: 43 Resp: 14791
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.2

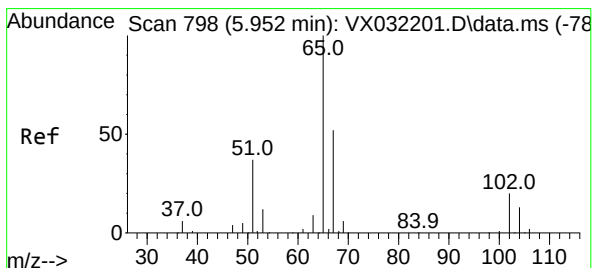
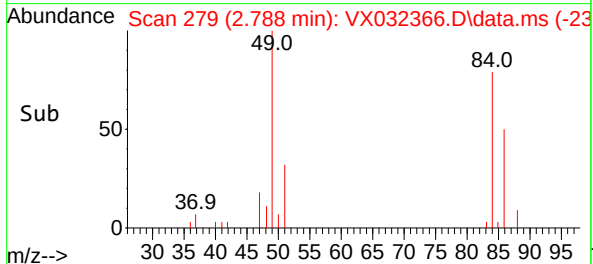
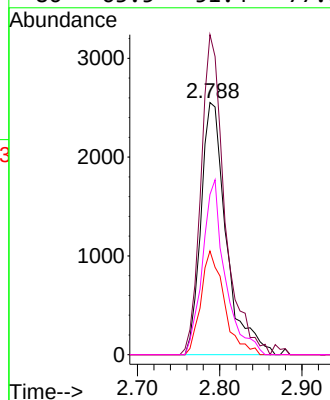
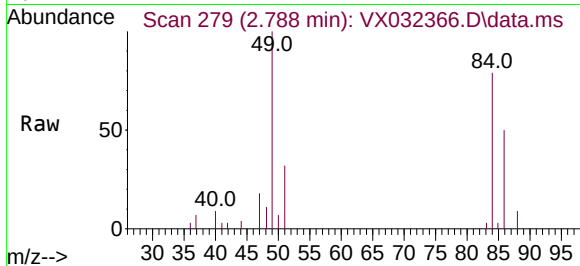




#20
Methylene Chloride
Concen: 3.739 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

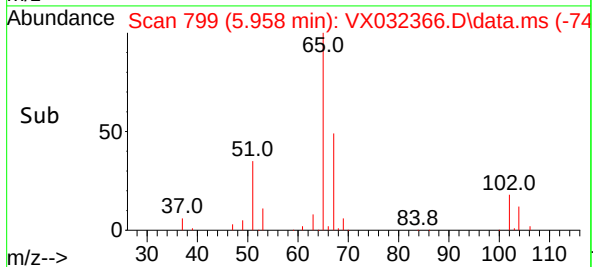
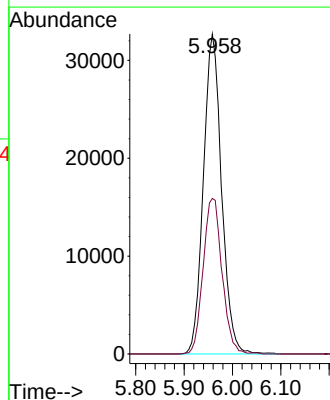
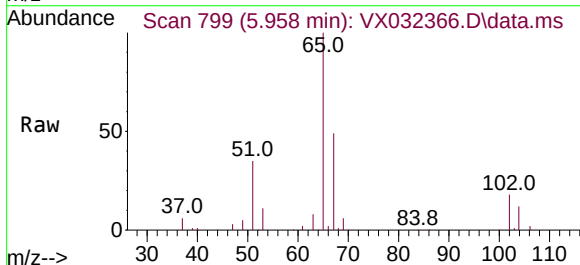
Instrument :
MSVOA_X
ClientSampleId :
SB-SOILPILE-1020

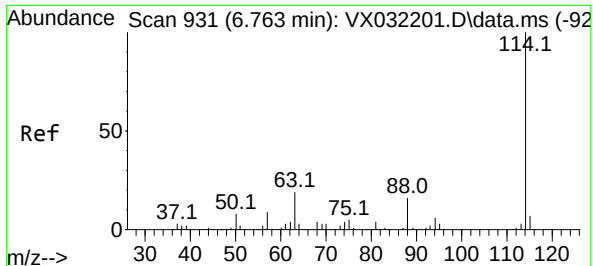
Tgt Ion:	84	Resp:	5463
Ion	Ratio	Lower	Upper
84	100		
49	126.9	92.6	139.0
51	41.1	29.2	43.8
86	63.5	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 48.715 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

Tgt Ion:	65	Resp:	85429
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.6

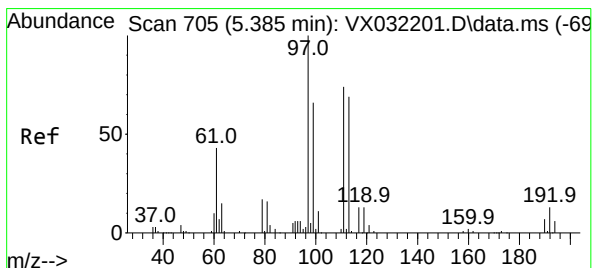
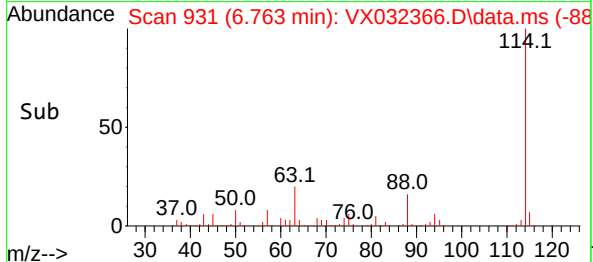
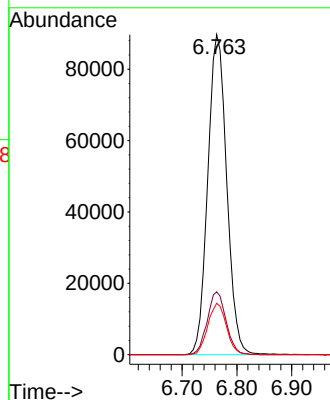
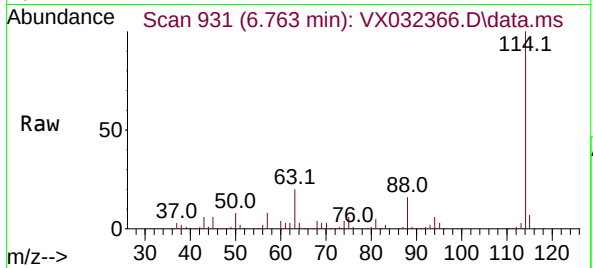




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

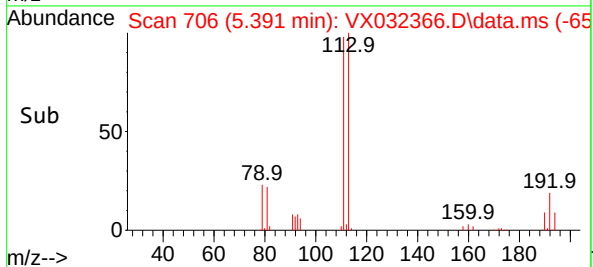
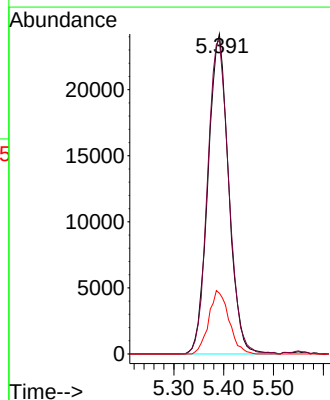
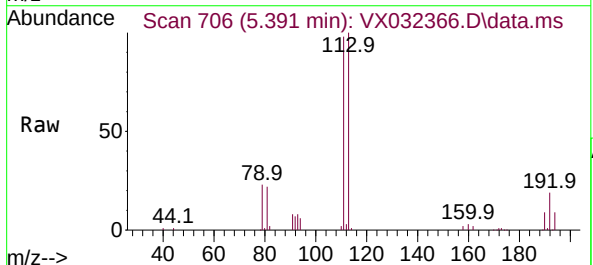
Instrument :
MSVOA_X
ClientSampleId :
SB-SOILPILE-1020

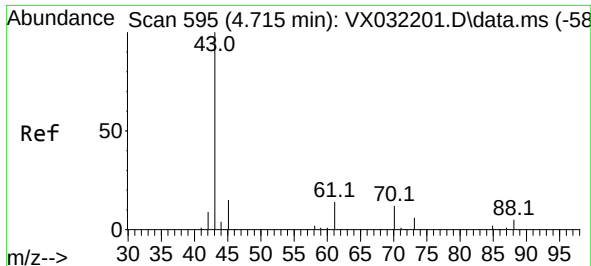
Tgt Ion:114 Resp: 215063
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.471 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

Tgt Ion:113 Resp: 69546
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 19.4 15.5 23.3





#37

Ethyl Acetate

Concen: 6.163 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX032366.D

Acq: 25 Oct 2022 15:59

Instrument :

MSVOA_X

ClientSampleId :

SB-SOILPILE-1020

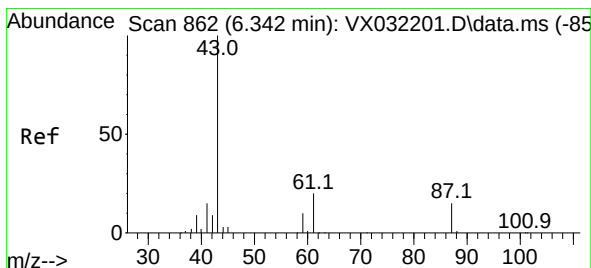
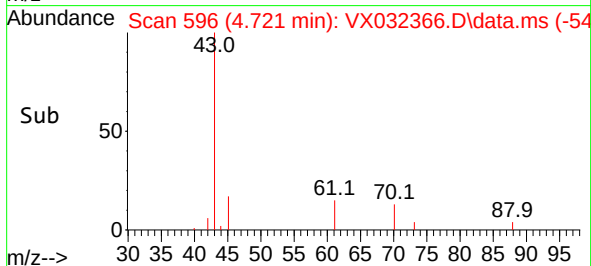
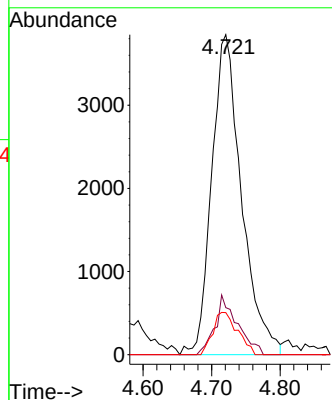
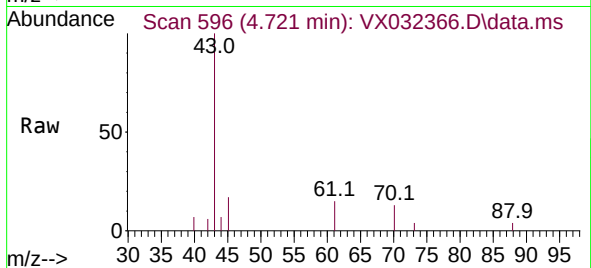
Tgt Ion: 43 Resp: 11617

Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.2

70 10.9 8.8 13.2



#43

Isopropyl Acetate

Concen: 18.166 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032366.D

Acq: 25 Oct 2022 15:59

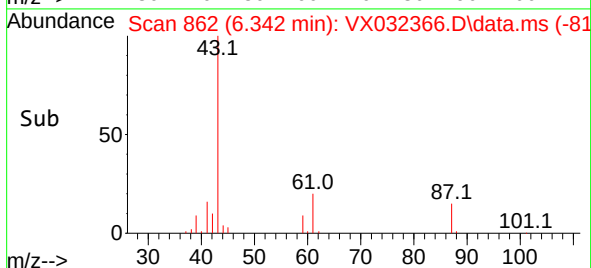
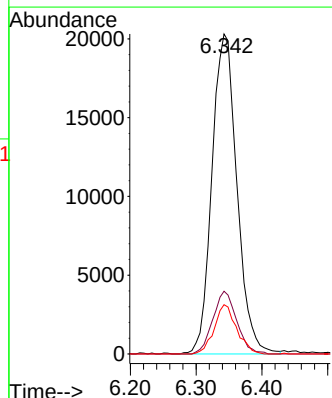
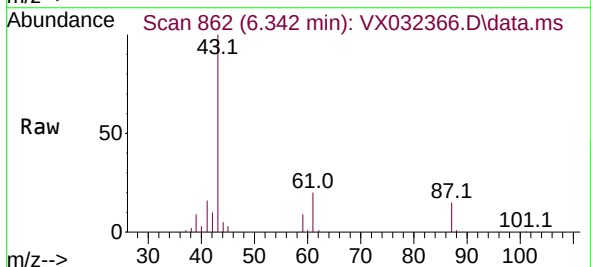
Tgt Ion: 43 Resp: 53740

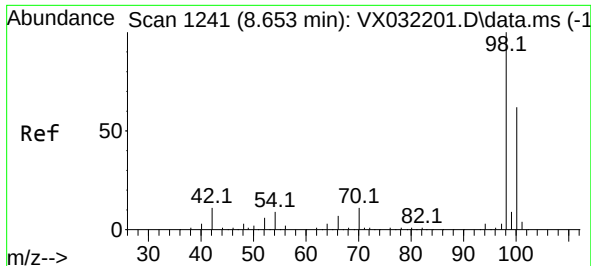
Ion Ratio Lower Upper

43 100

61 18.6 15.5 23.3

87 13.8 11.0 16.6

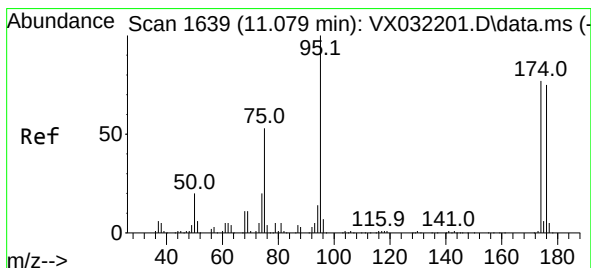
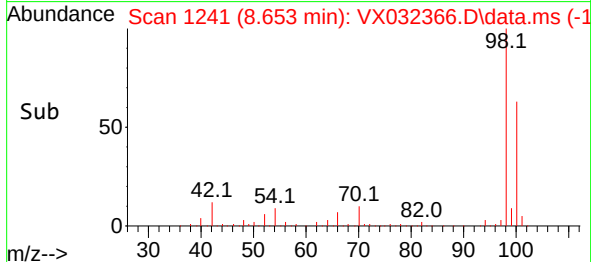
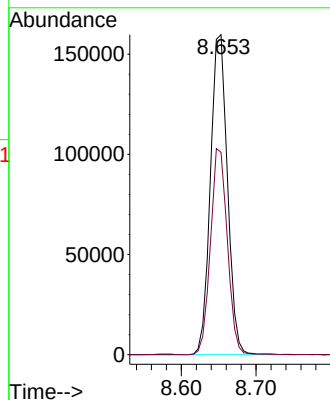
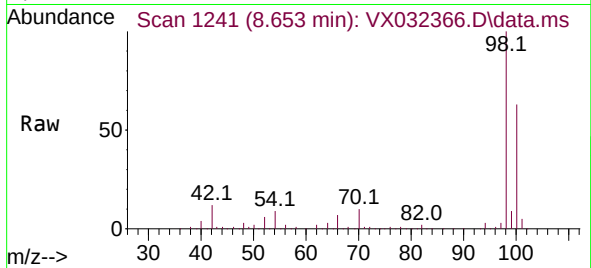




#50
Toluene-d8
Concen: 46.930 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

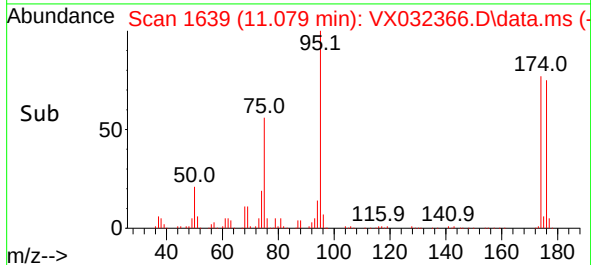
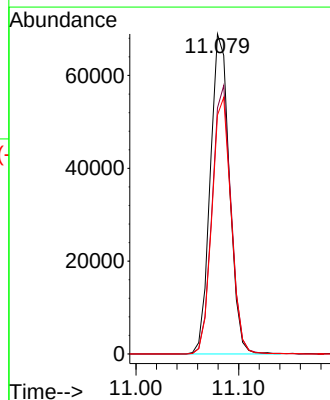
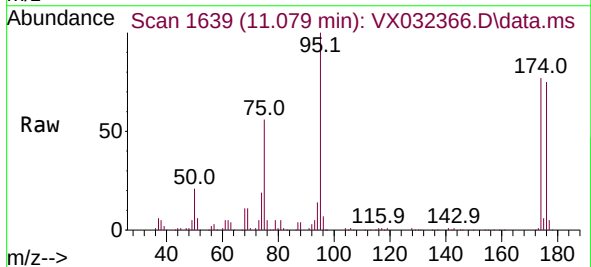
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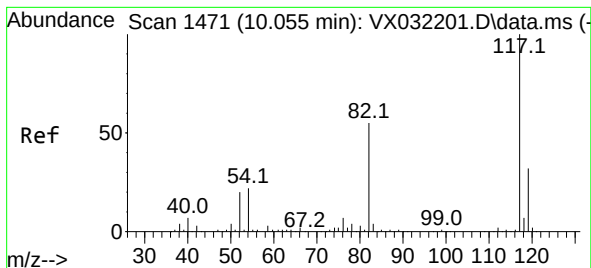
Tgt Ion: 98 Resp: 252816
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 45.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032366.D
Acq: 25 Oct 2022 15:59

Tgt Ion: 95 Resp: 89387
Ion Ratio Lower Upper
95 100
174 83.1 0.0 166.8
176 80.2 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032366.D

Acq: 25 Oct 2022 15:59

Instrument :

MSVOA_X

ClientSampleId :

SB-SOILPILE-1020

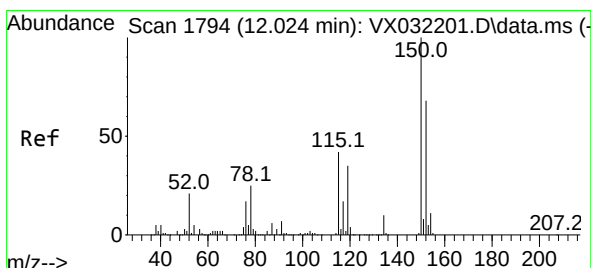
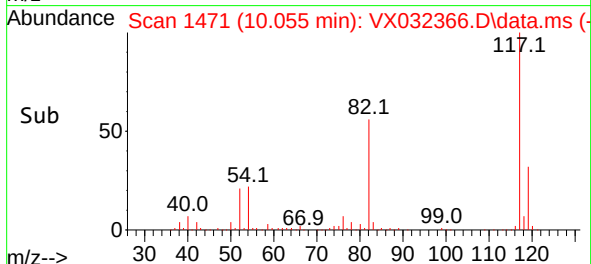
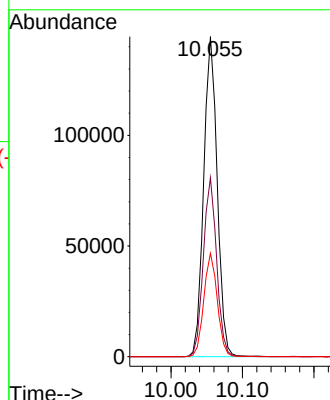
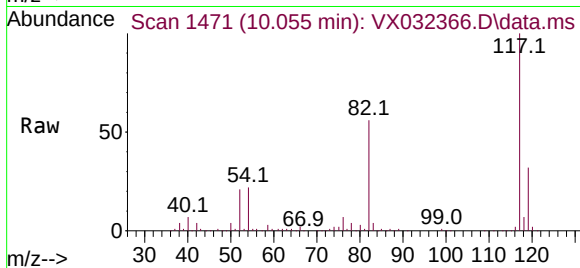
Tgt Ion:117 Resp: 190087

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.4

119 32.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032366.D

Acq: 25 Oct 2022 15:59

Tgt Ion:152 Resp: 89318

Ion Ratio Lower Upper

152 100

115 59.9 43.1 129.4

150 157.7 0.0 348.6

