

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032273.D
 Acq On : 20 Oct 2022 19:10
 Operator : JC/MD
 Sample : N5183-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PIT-14-EXCAVATION-SOIL

Quant Time: Oct 21 02:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

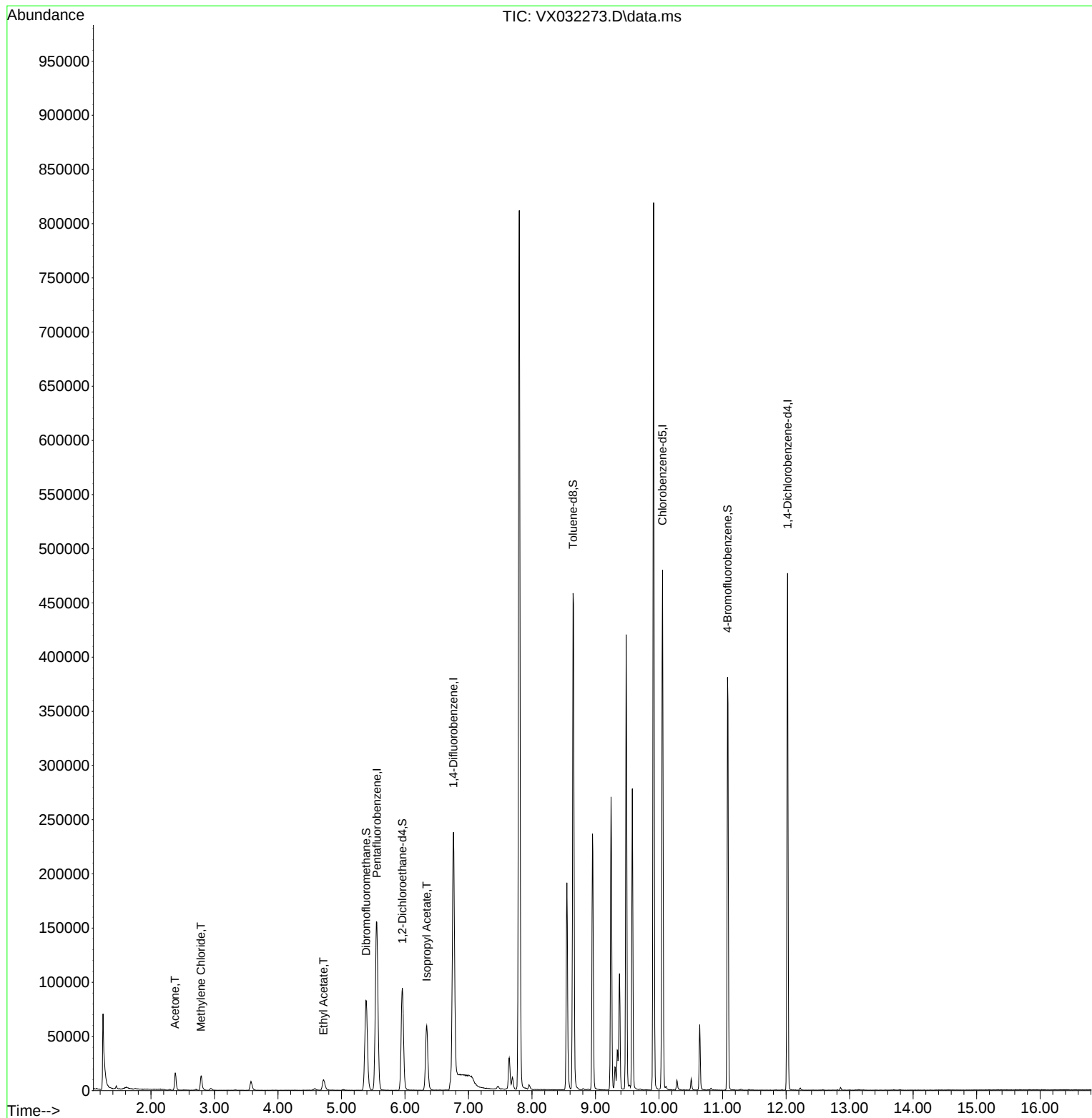
Internal Standards						
1) Pentafluorobenzene	5.556	168	147486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94375	49.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.380%
35) Dibromofluoromethane	5.385	113	71824	45.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	273227	47.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.079	95	97925	46.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	18562	29.812	ug/l	95
20) Methylene Chloride	2.788	84	6800	4.253	ug/l	96
37) Ethyl Acetate	4.715	43	18457	9.189	ug/l	99
43) Isopropyl Acetate	6.342	43	81274	25.779	ug/l	99

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

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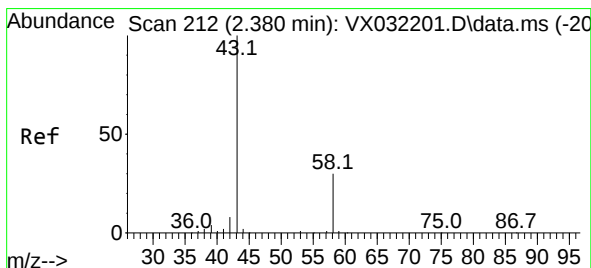
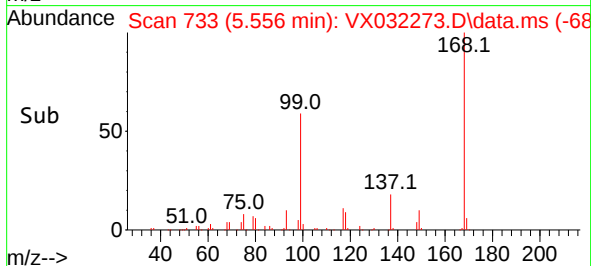
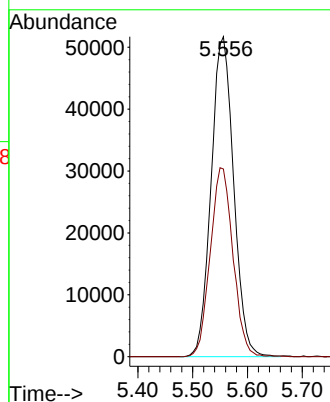
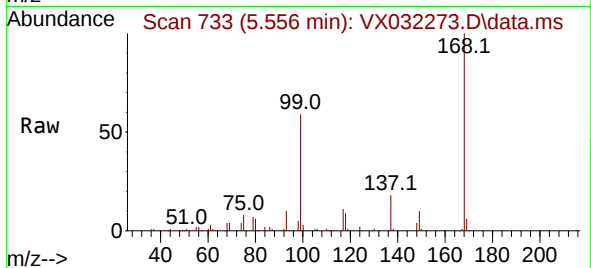




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

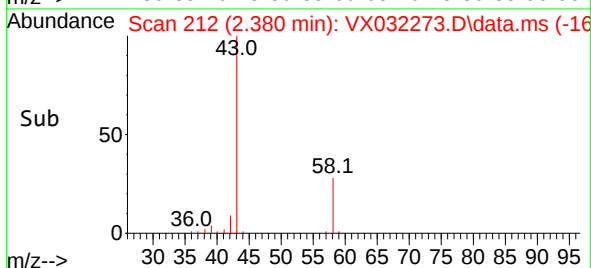
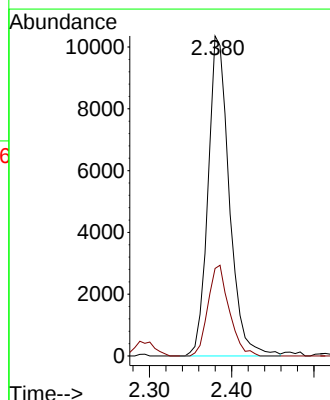
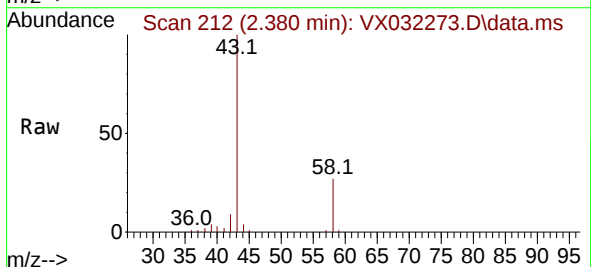
Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-SOIL

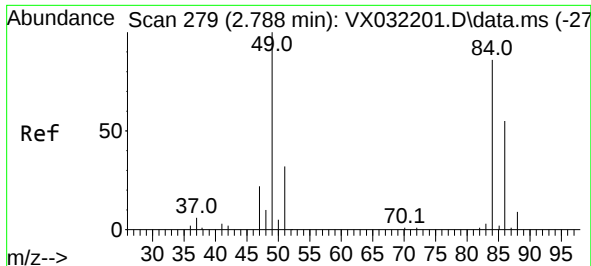
Tgt Ion:168 Resp: 147486
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#16
Acetone
Concen: 29.812 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

Tgt Ion: 43 Resp: 18562
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.2

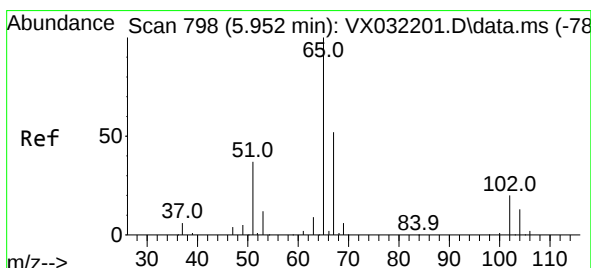
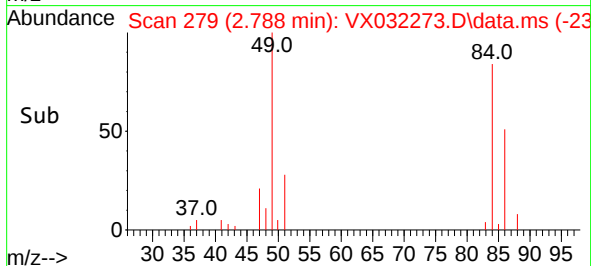
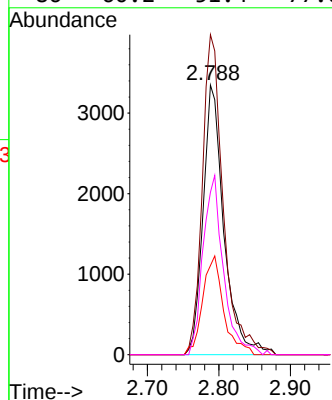
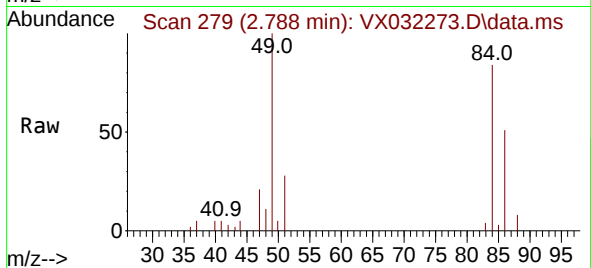




#20
Methylene Chloride
Concen: 4.253 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

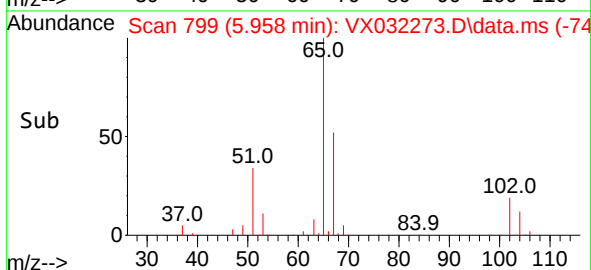
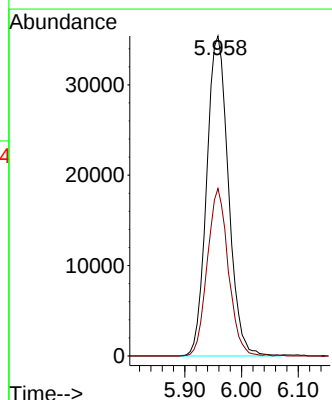
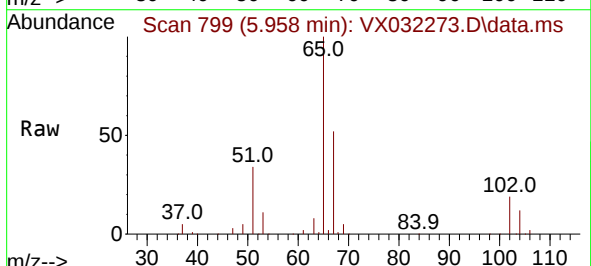
Instrument :
MSVOA_X
ClientSampleId :
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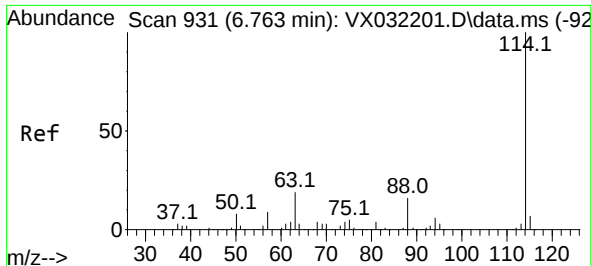
Tgt Ion:	84	Resp:	6800
Ion	Ratio	Lower	Upper
84	100		
49	118.7	92.6	139.0
51	33.0	29.2	43.8
86	60.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

Tgt Ion:	65	Resp:	94375
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.6

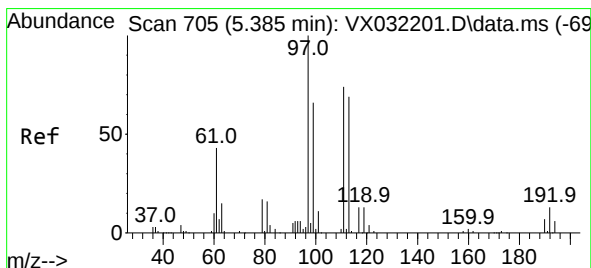
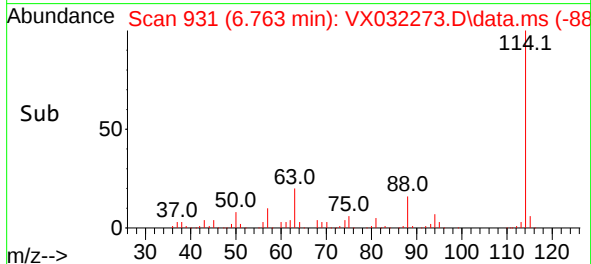
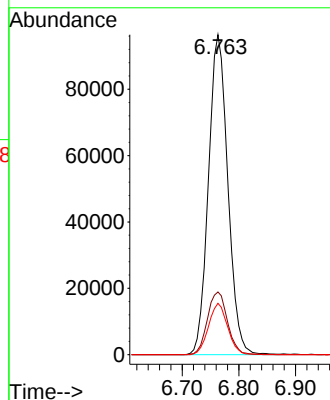
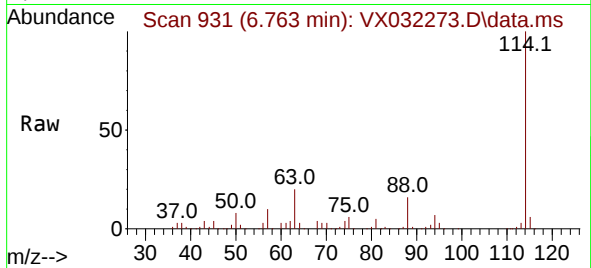




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

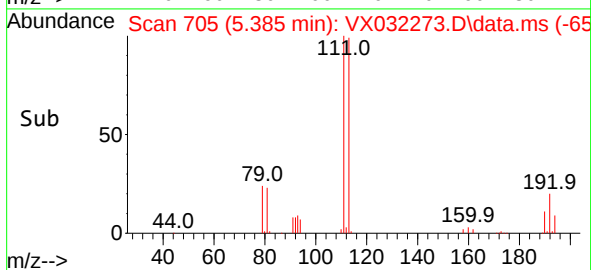
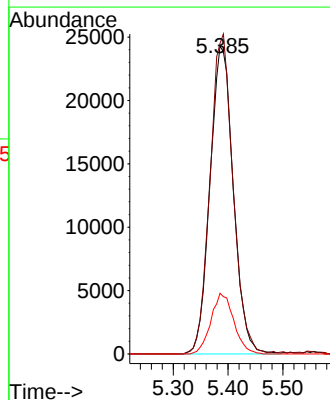
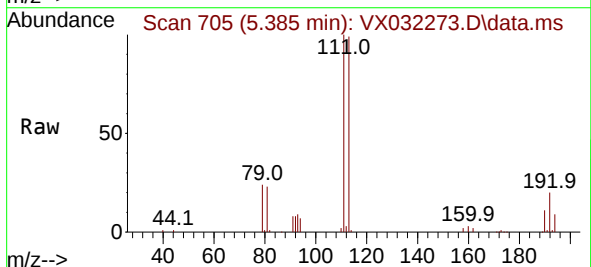
Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-SOIL

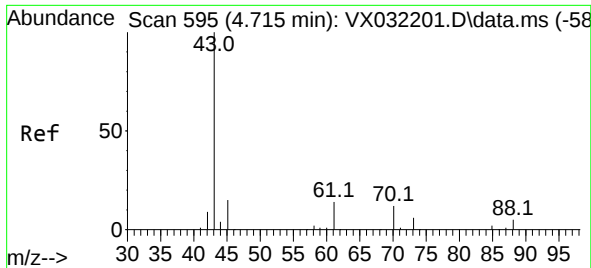
Tgt Ion:114 Resp: 229190
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.035 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

Tgt Ion:113 Resp: 71824
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.3 15.5 23.3





#37

Ethyl Acetate

Concen: 9.189 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032273.D

Acq: 20 Oct 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

PIT-14-EXCAVATION-SOIL

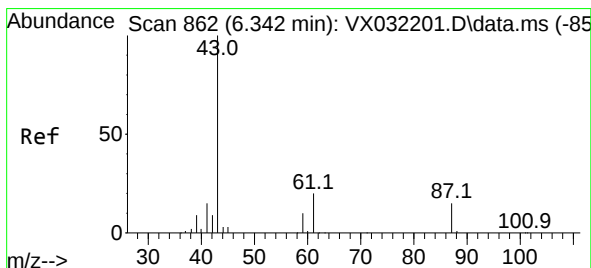
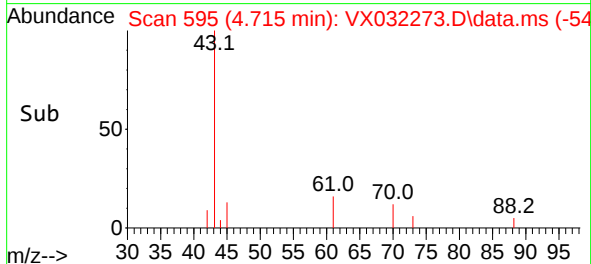
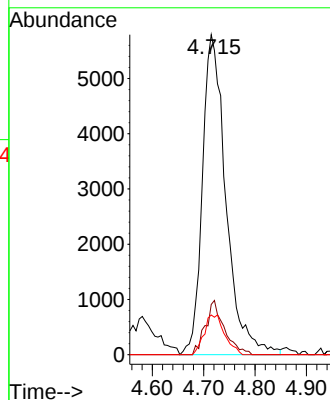
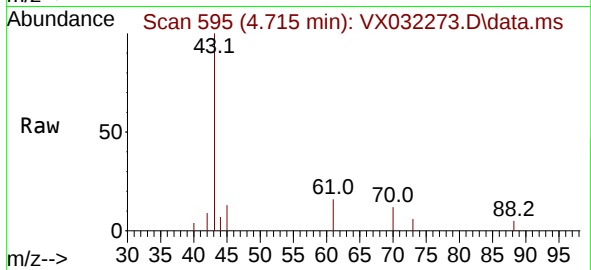
Tgt Ion: 43 Resp: 18457

Ion Ratio Lower Upper

43 100

61 13.6 11.4 17.2

70 10.8 8.8 13.2



#43

Isopropyl Acetate

Concen: 25.779 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032273.D

Acq: 20 Oct 2022 19:10

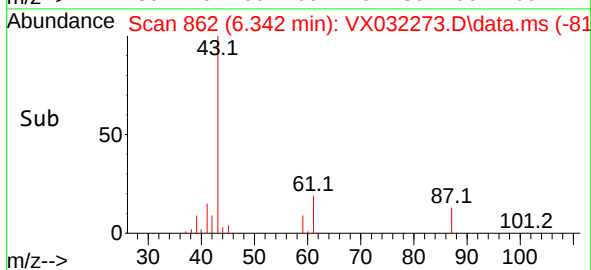
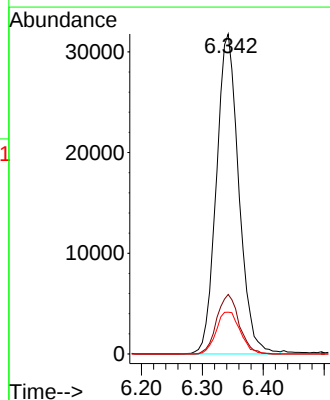
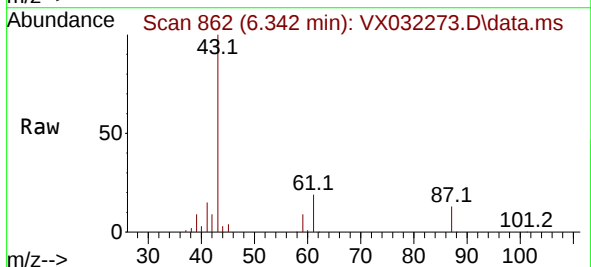
Tgt Ion: 43 Resp: 81274

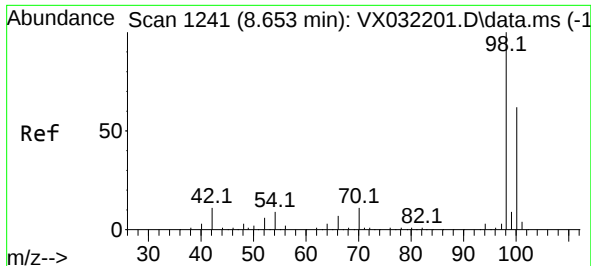
Ion Ratio Lower Upper

43 100

61 18.5 15.5 23.3

87 14.0 11.0 16.6

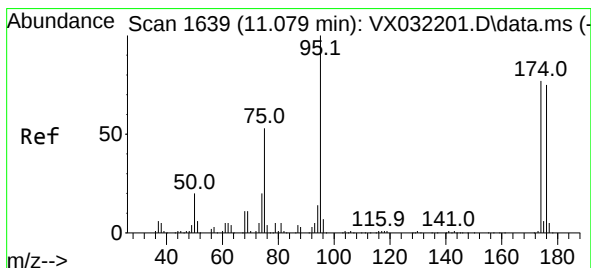
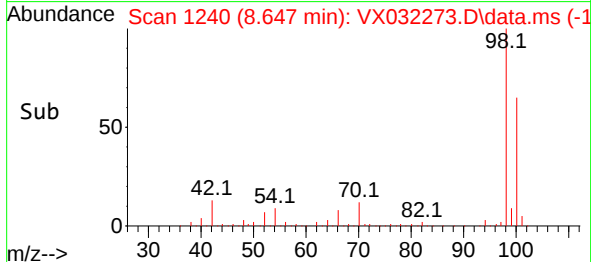
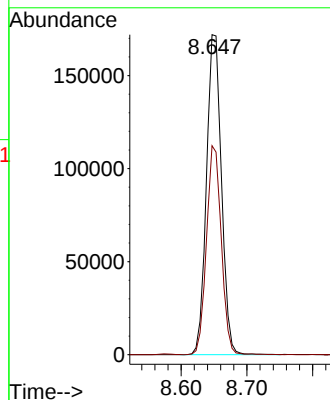
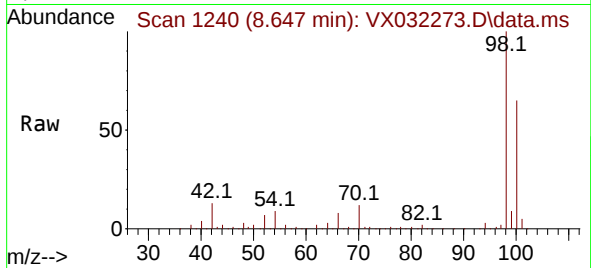




#50
Toluene-d8
Concen: 47.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

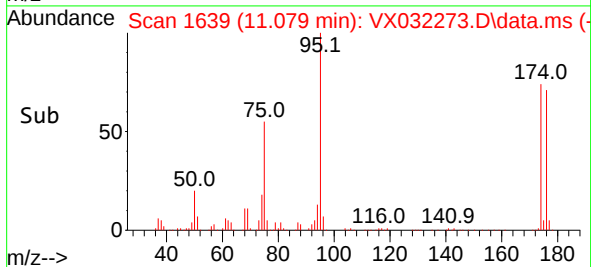
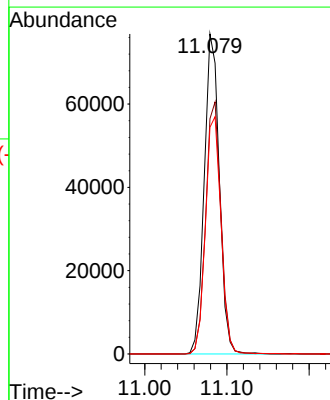
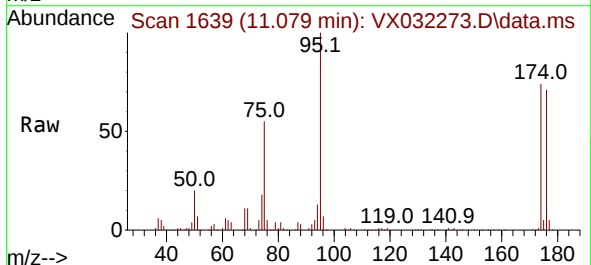
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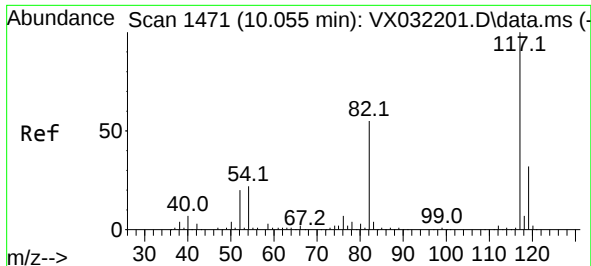
Tgt Ion: 98 Resp: 273227
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

Tgt Ion: 95 Resp: 97925
Ion Ratio Lower Upper
95 100
174 80.0 0.0 166.8
176 76.4 0.0 161.4

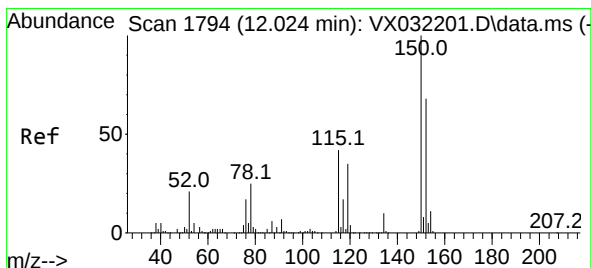
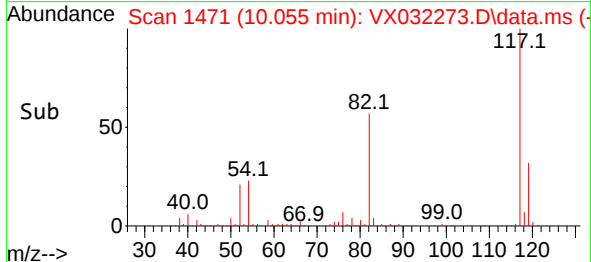
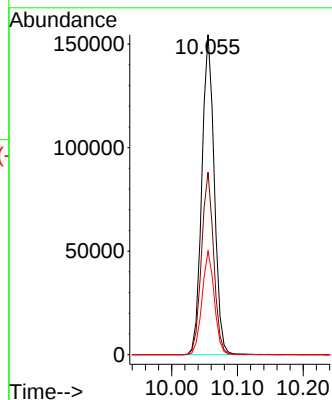
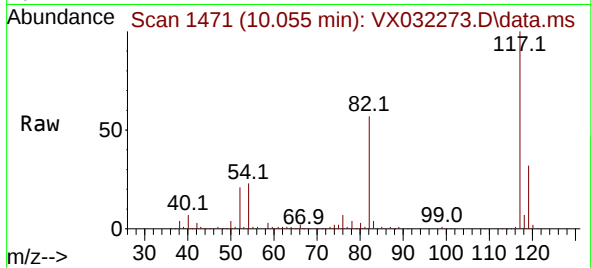




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032273.D
Acq: 20 Oct 2022 19:10

Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-SOIL

Tgt Ion:117 Resp: 202840
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.4
119 32.4 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: VX032273.D
Acq: 20 Oct 2022 19:10

Tgt Ion:152 Resp: 94062
Ion Ratio Lower Upper
152 100
115 60.6 43.1 129.4
150 155.9 0.0 348.6

