

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007160.D
 Acq On : 14 Jan 2022 11:50
 Operator : SY/MD
 Sample : N1119-03
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

Quant Time: Jan 14 14:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

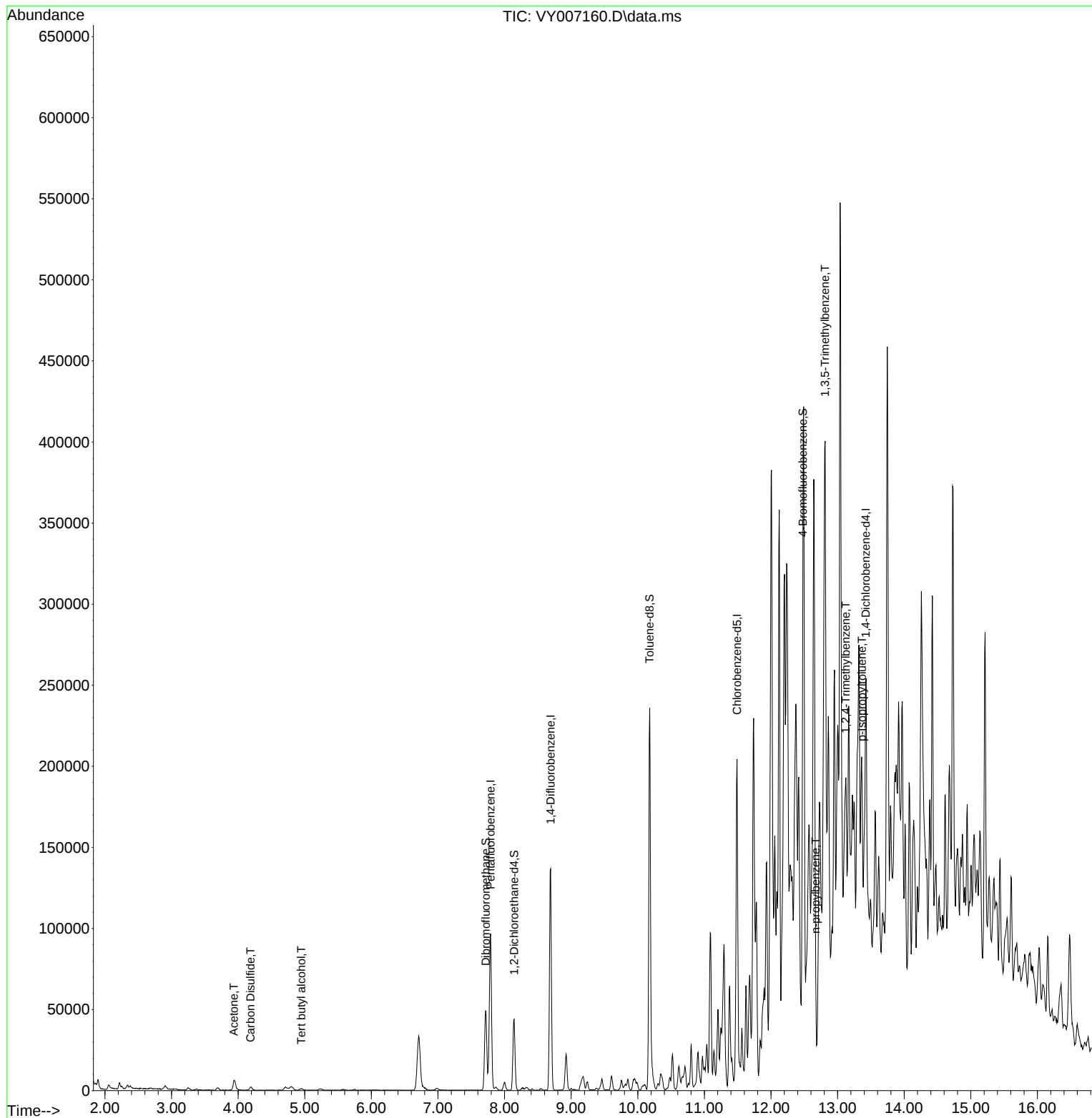
Internal Standards						
1) Pentafluorobenzene	7.789	168	69258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	97782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34422	40.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.020%
35) Dibromofluoromethane	7.716	113	35181	44.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.560%
50) Toluene-d8	10.179	98	140726	49.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.477	95	52226	51.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1927	22.209	ug/l #	77
16) Acetone	3.936	43	11168	50.638	ug/l	95
17) Carbon Disulfide	4.186	76	3928	1.805	ug/l	97
78) n-propylbenzene	12.672	91	14292	3.159	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	8114	2.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	34131	11.491	ug/l	99
86) p-Isopropyltoluene	13.367	119	7471	2.347	ug/l	96

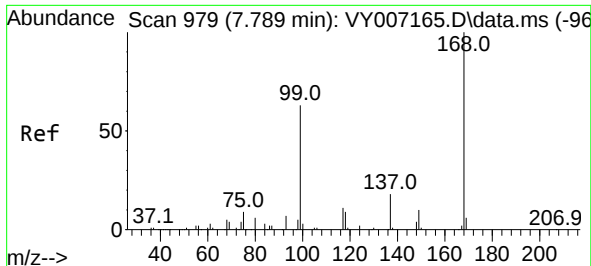
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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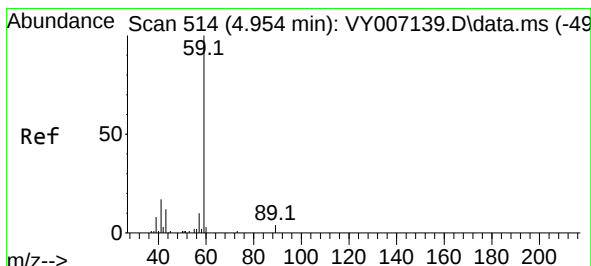
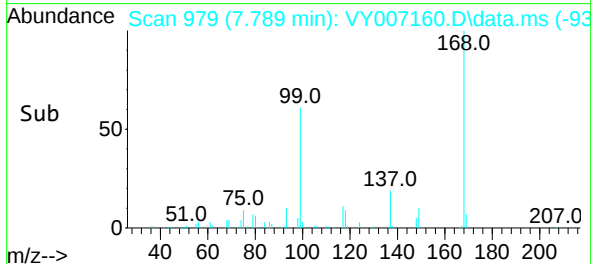
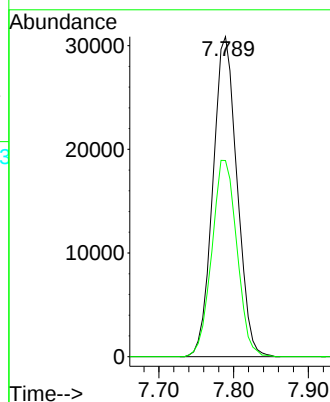
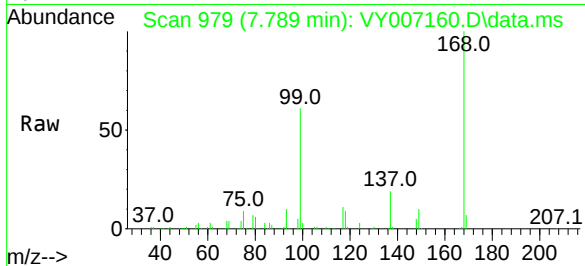




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

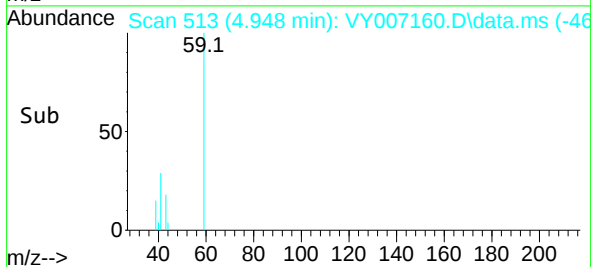
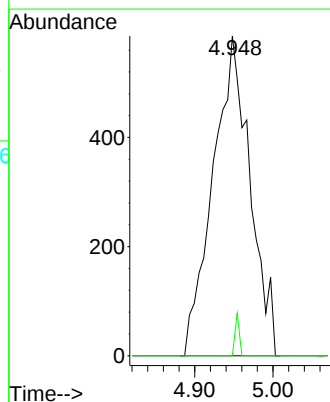
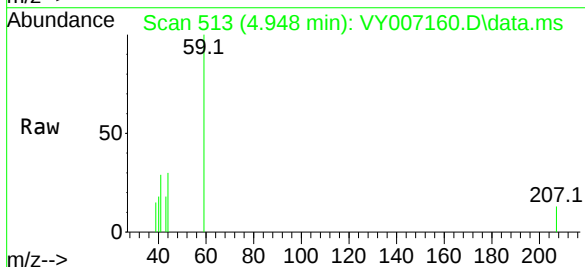
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

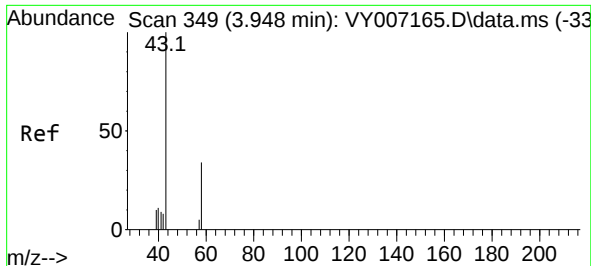
Tgt Ion:168 Resp: 69258
Ion Ratio Lower Upper
168 100
99 61.3 49.1 73.7



#11
Tert butyl alcohol
Concen: 22.209 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

Tgt Ion: 59 Resp: 1927
Ion Ratio Lower Upper
59 100
57 1.5 8.1 12.1#





#16

Acetone

Concen: 50.638 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY007160.D

Acq: 14 Jan 2022 11:50

Instrument :

MSVOA_Y

ClientSampleId :

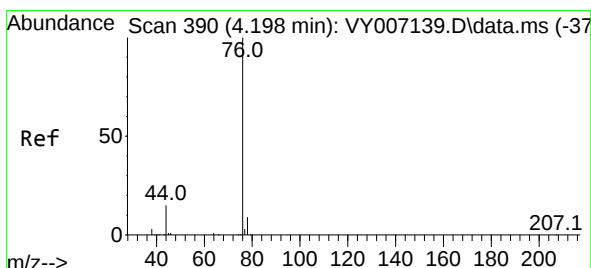
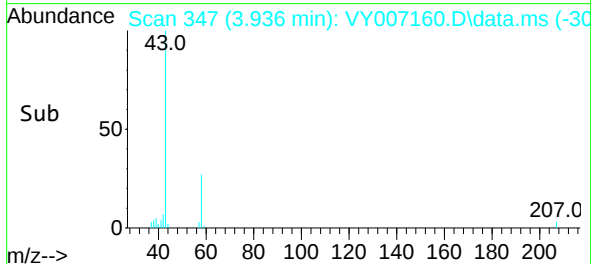
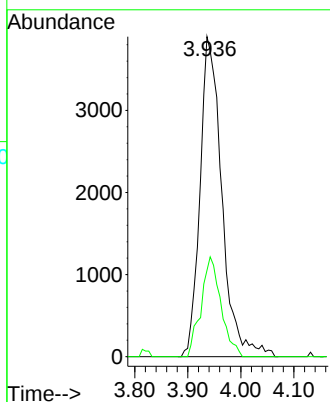
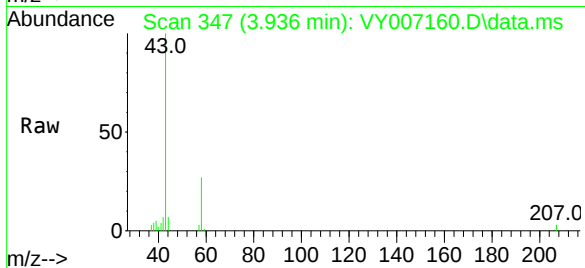
NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

Tgt Ion: 43 Resp: 11168

Ion Ratio Lower Upper

43 100

58 27.0 23.8 35.6



#17

Carbon Disulfide

Concen: 1.805 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.012 min

Lab File: VY007160.D

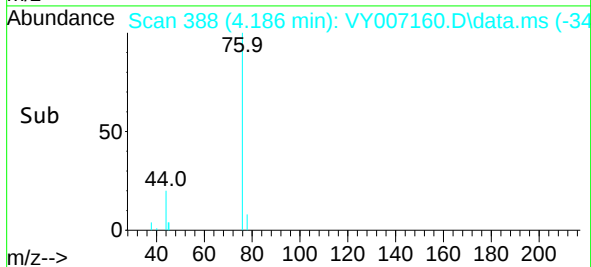
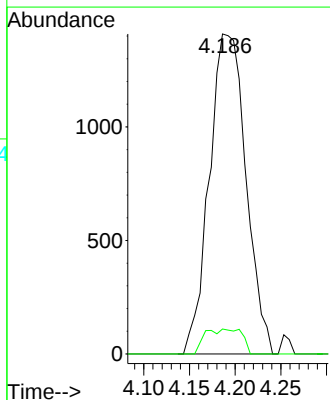
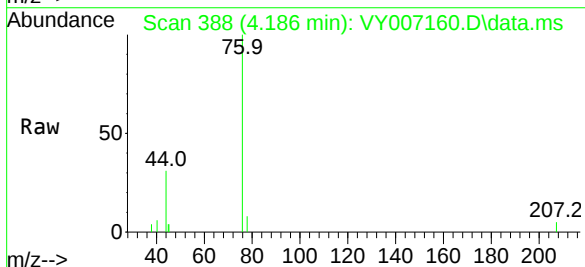
Acq: 14 Jan 2022 11:50

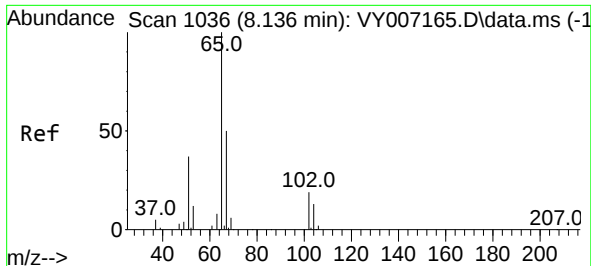
Tgt Ion: 76 Resp: 3928

Ion Ratio Lower Upper

76 100

78 7.8 7.2 10.8

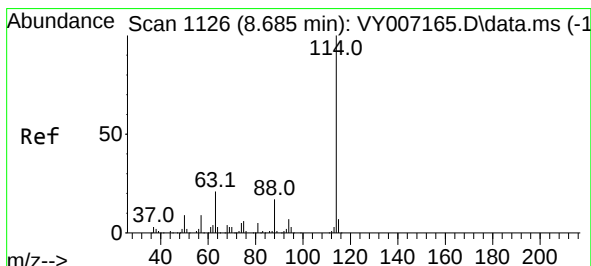
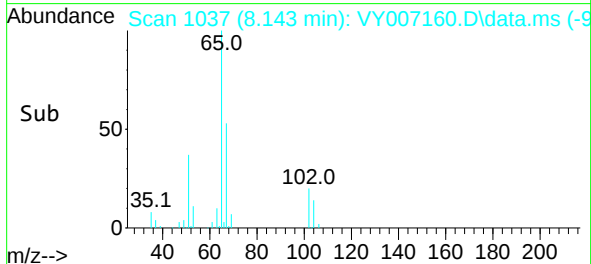
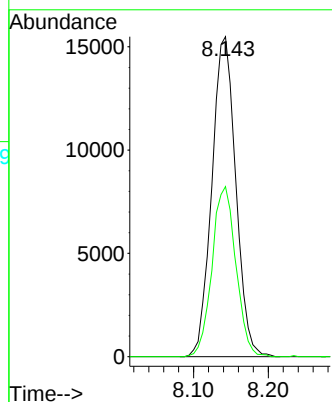
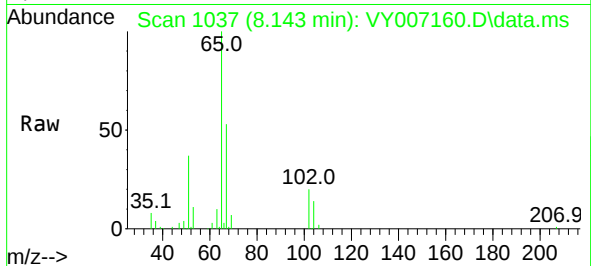




#33
1,2-Dichloroethane-d4
Concen: 40.506 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

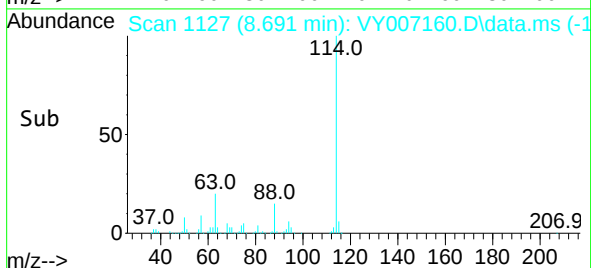
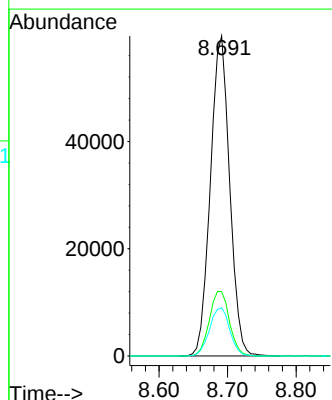
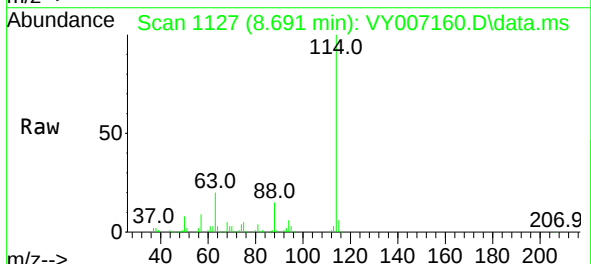
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

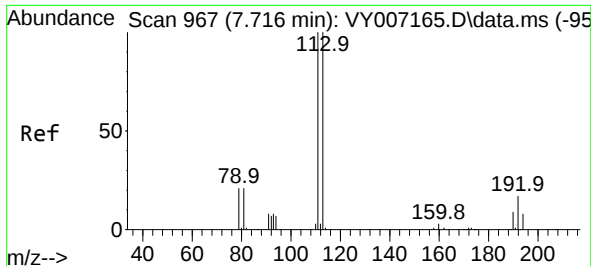
Tgt Ion: 65 Resp: 34422
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

Tgt Ion:114 Resp: 116183
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.1 0.0 31.0

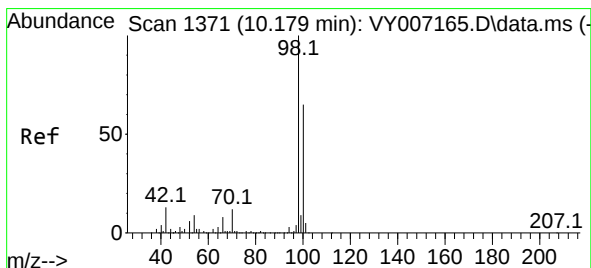
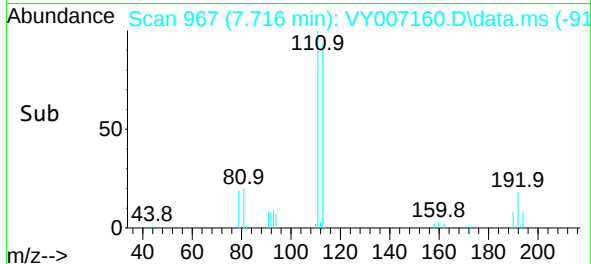
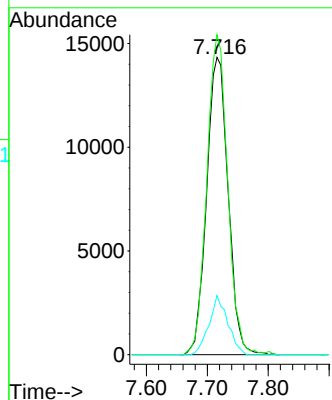
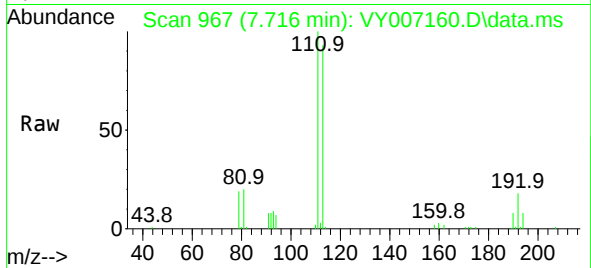




#35
Dibromofluoromethane
Concen: 44.782 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

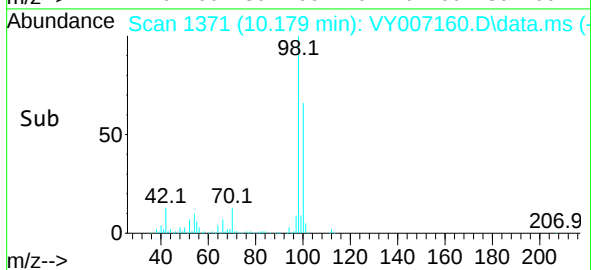
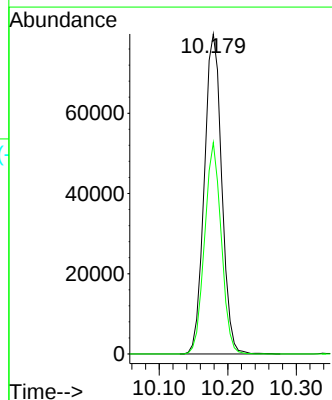
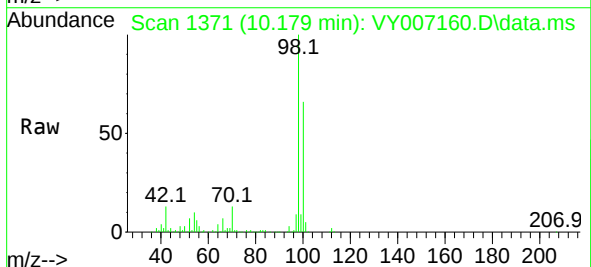
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

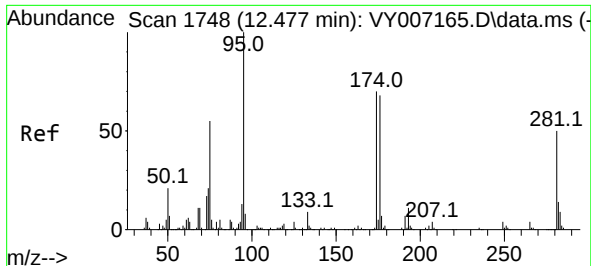
Tgt Ion:113 Resp: 35181
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.4 14.2 21.4



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

Tgt Ion: 98 Resp: 140726
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.2

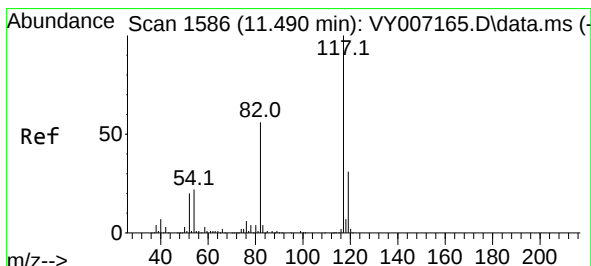
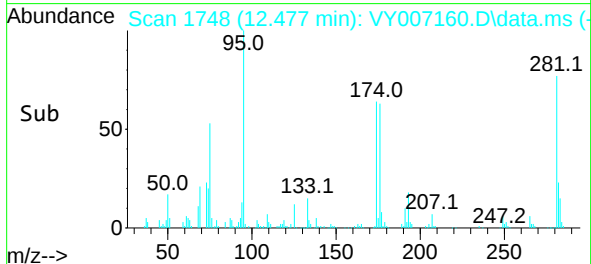
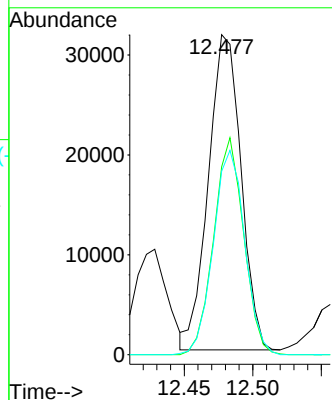
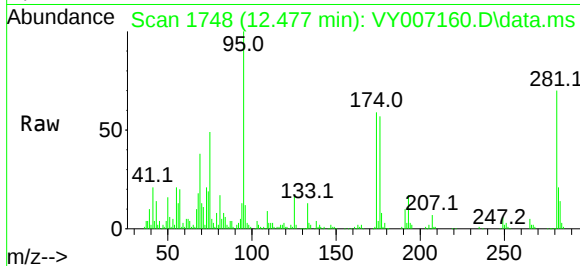




#62
4-Bromofluorobenzene
Concen: 51.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

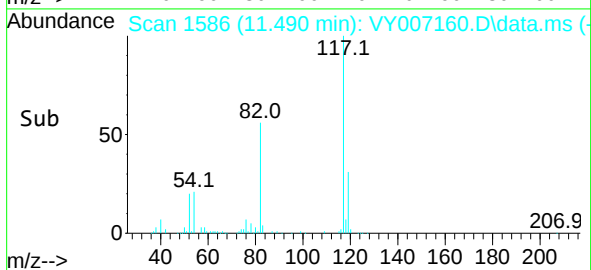
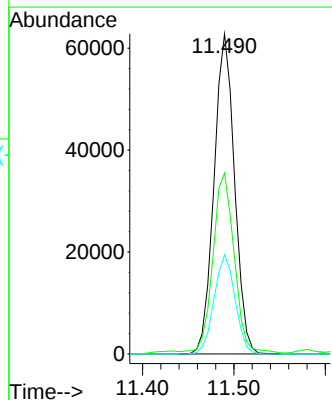
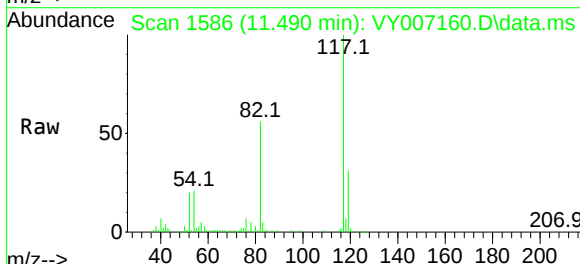
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

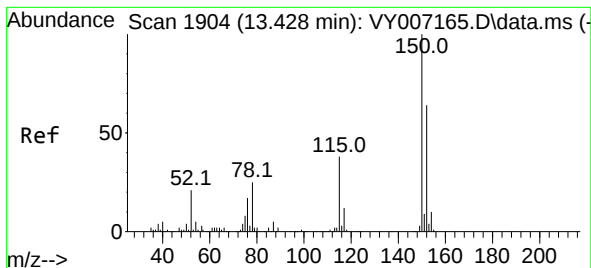
Tgt Ion:	95	Resp:	52226
Ion Ratio	Lower	Upper	
95	100		
174	63.2	0.0	148.4
176	62.5	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007160.D
Acq: 14 Jan 2022 11:50

Tgt Ion:	117	Resp:	97782
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.4	68.0
119	31.0	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY007160.D

Acq: 14 Jan 2022 11:50

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

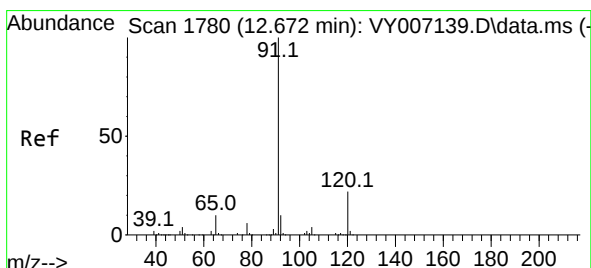
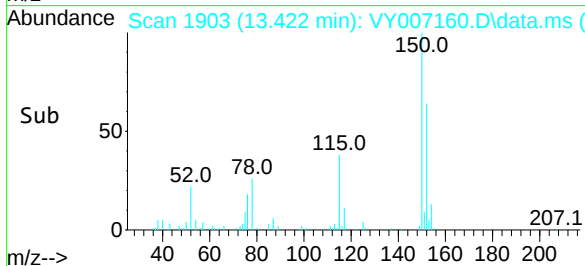
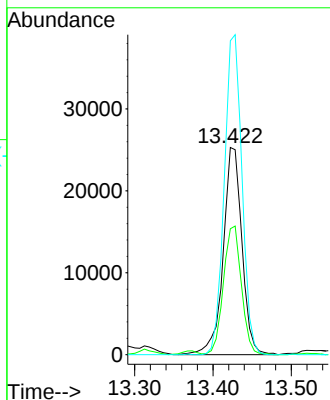
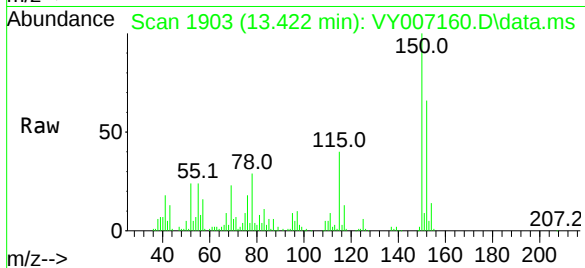
Tgt Ion:152 Resp: 42254

Ion Ratio Lower Upper

152 100

115 59.5 31.4 94.0

150 145.1 0.0 348.4



#78

n-propylbenzene

Concen: 3.159 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.001 min

Lab File: VY007160.D

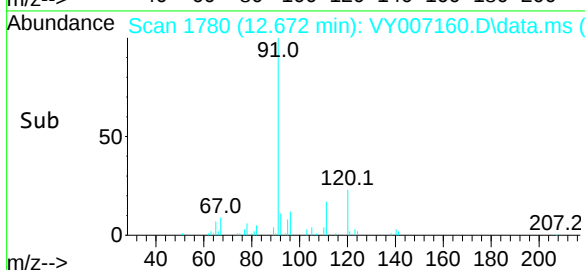
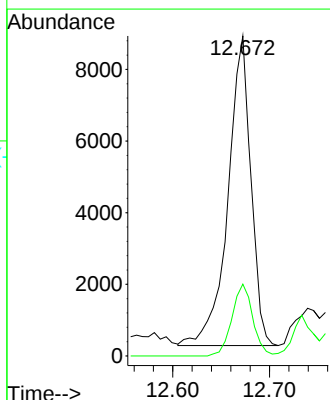
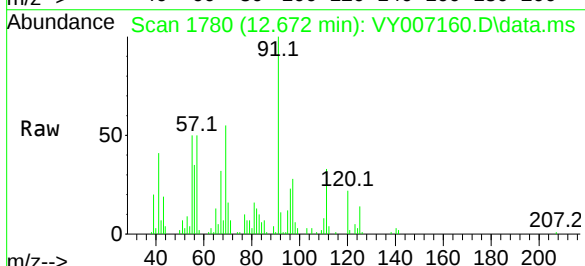
Acq: 14 Jan 2022 11:50

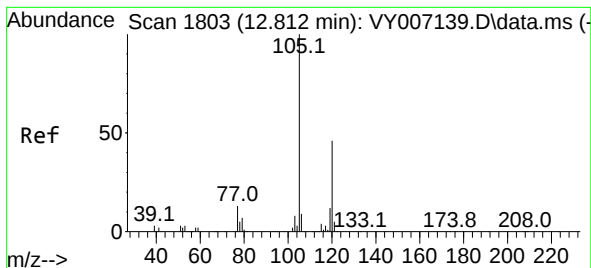
Tgt Ion: 91 Resp: 14292

Ion Ratio Lower Upper

91 100

120 21.0 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 2.708 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY007160.D

Acq: 14 Jan 2022 11:50

Instrument :

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ClientSampleId :

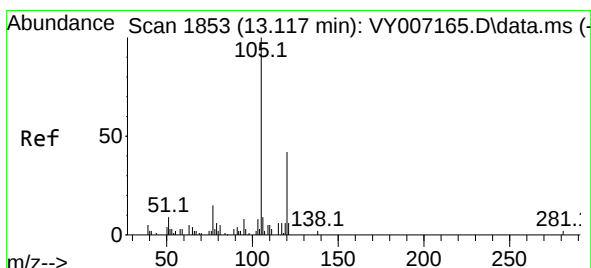
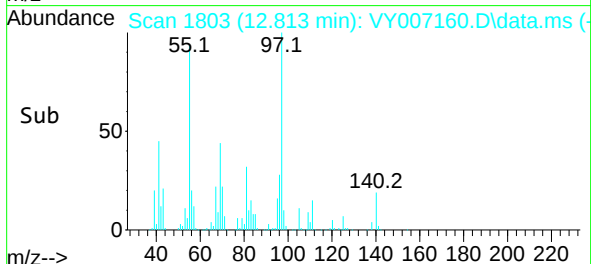
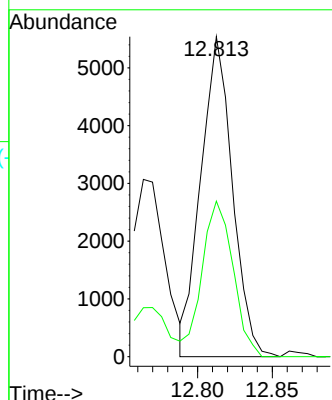
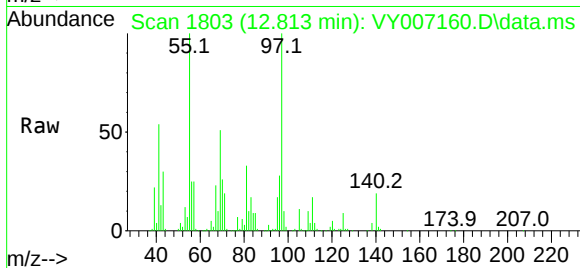
NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

Tgt Ion:105 Resp: 8114

Ion Ratio Lower Upper

105 100

120 47.8 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 11.491 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.001 min

Lab File: VY007160.D

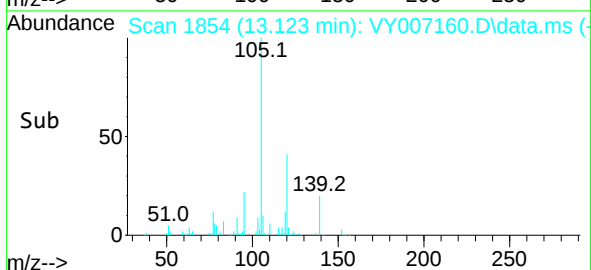
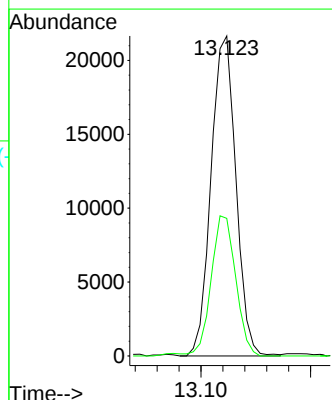
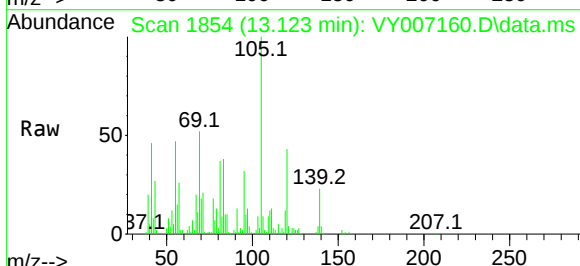
Acq: 14 Jan 2022 11:50

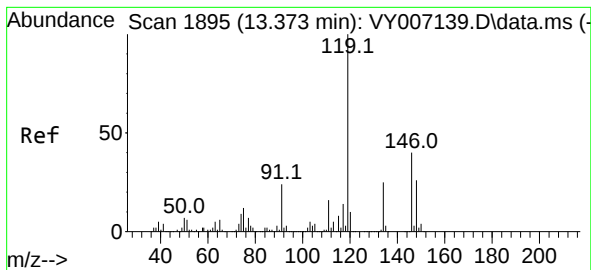
Tgt Ion:105 Resp: 34131

Ion Ratio Lower Upper

105 100

120 43.8 21.6 64.6





#86

p-Isopropyltoluene

Concen: 2.347 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007160.D

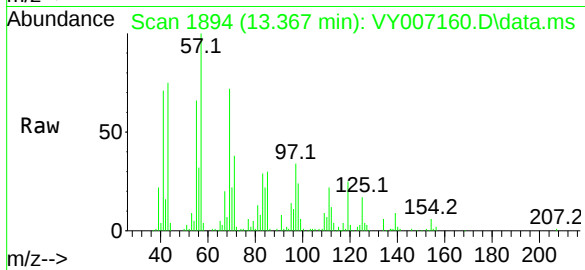
Acq: 14 Jan 2022 11:50

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL



Tgt Ion:119 Resp: 7471

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 29.1 12.4 37.2

