

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007163.D
 Acq On : 14 Jan 2022 13:00
 Operator : SY/MD
 Sample : N1119-03
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 14 14:39:01 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)

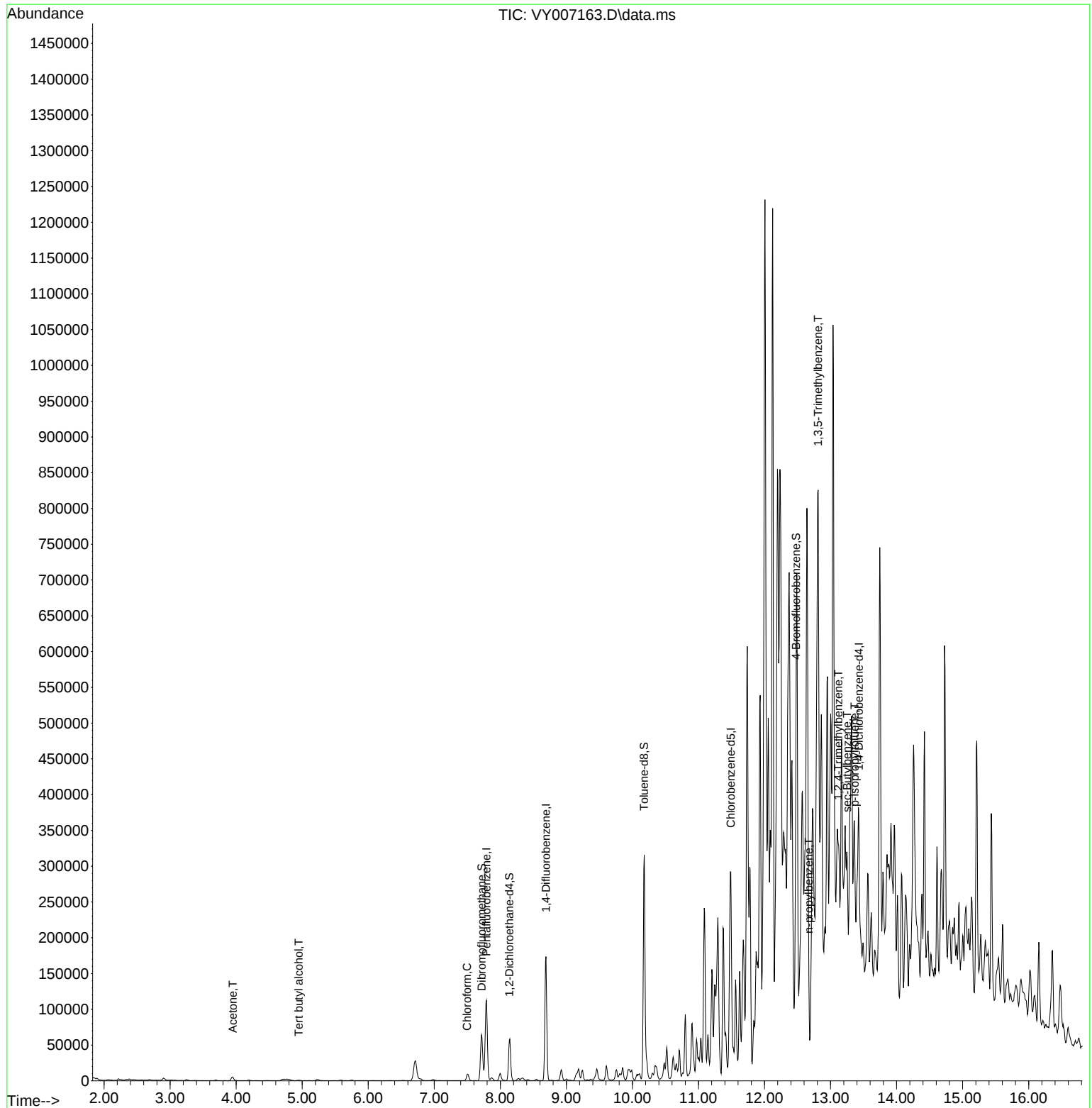
Internal Standards						
1) Pentafluorobenzene	7.789	168	81308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46537	46.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.300%
35) Dibromofluoromethane	7.716	113	45667	46.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.179	98	175754	49.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.477	95	78458	61.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1294	10.603	ug/l #	77
16) Acetone	3.948	43	9161	35.382	ug/l	99
30) Chloroform	7.496	83	8943	4.734	ug/l	88
78) n-propylbenzene	12.672	91	22565	3.637	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	12054	2.934	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	36614	8.990	ug/l	99
85) sec-Butylbenzene	13.251	105	12223	2.301	ug/l #	44
86) p-Isopropyltoluene	13.367	119	10854	2.487	ug/l	94

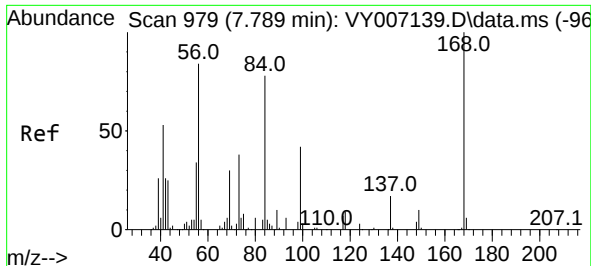
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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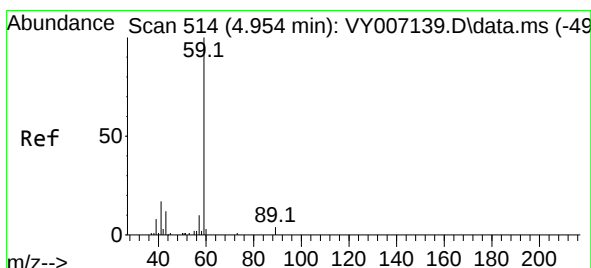
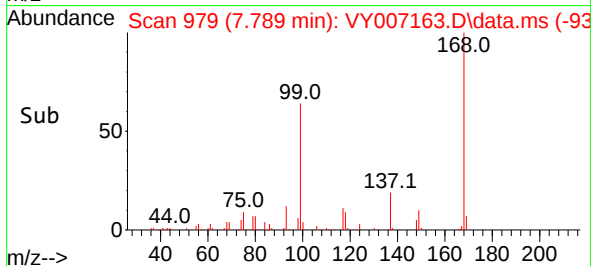
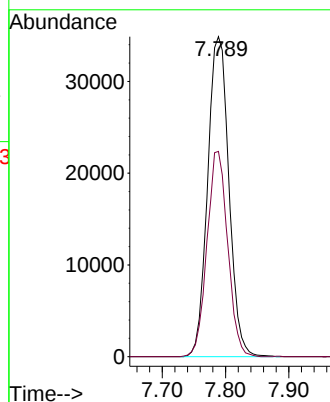
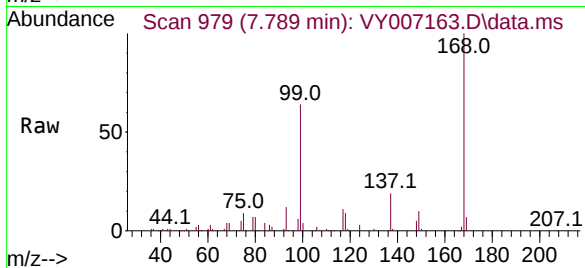




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

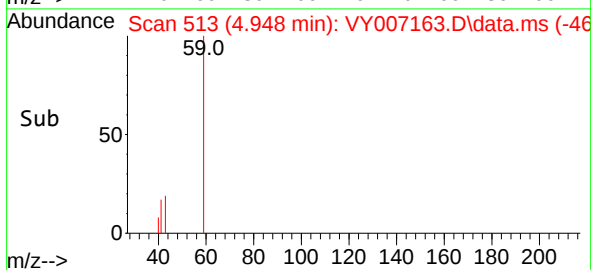
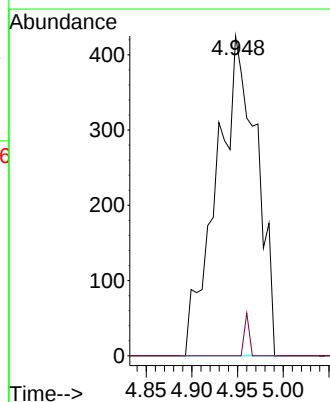
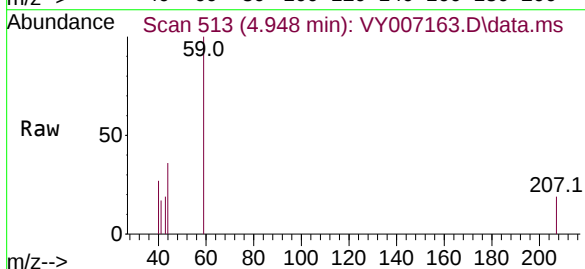
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MSVOA_Y
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NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

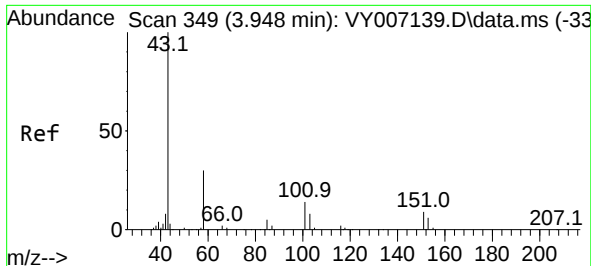
Tgt Ion:168 Resp: 81308
Ion Ratio Lower Upper
168 100
99 64.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 10.603 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

Tgt Ion: 59 Resp: 1294
Ion Ratio Lower Upper
59 100
57 1.6 8.1 12.1#

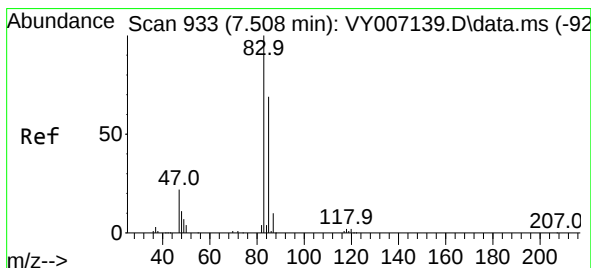
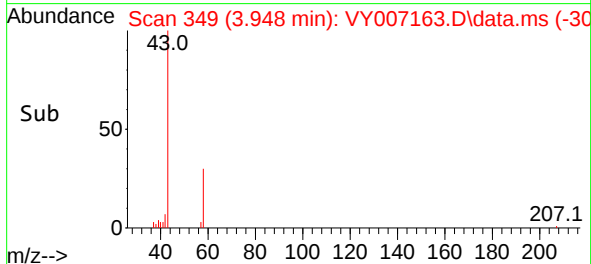
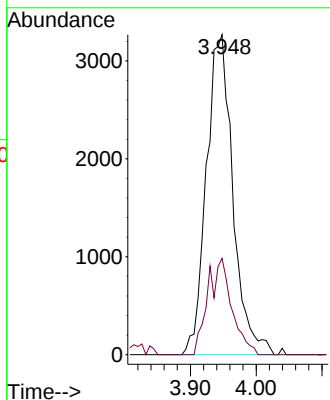
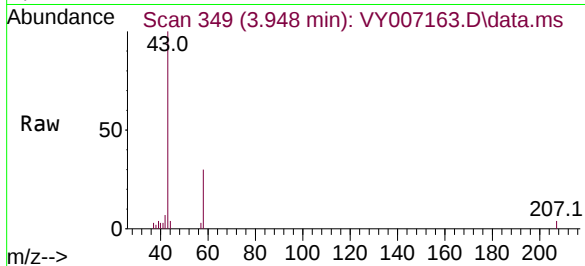




#16
Acetone
Concen: 35.382 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

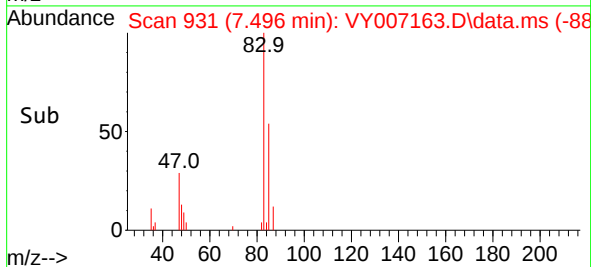
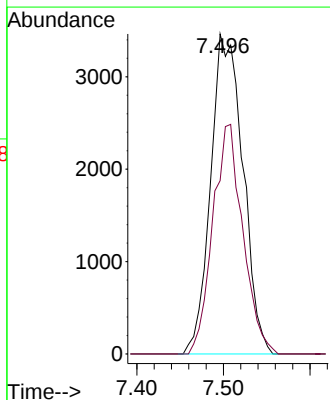
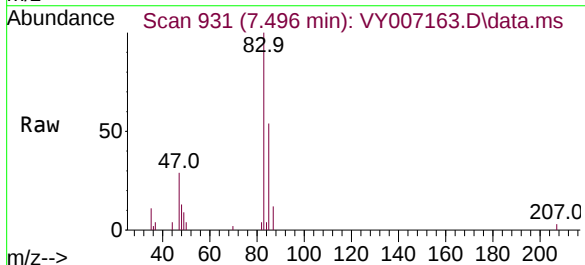
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

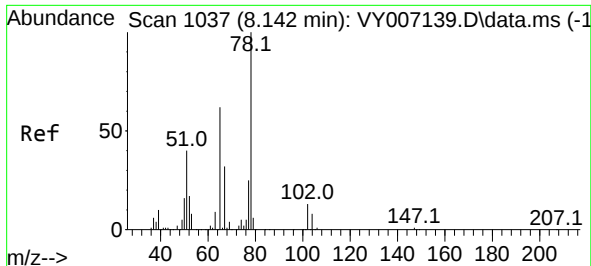
Tgt Ion: 43 Resp: 9161
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#30
Chloroform
Concen: 4.734 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.012 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

Tgt Ion: 83 Resp: 8943
Ion Ratio Lower Upper
83 100
85 54.2 50.9 76.3

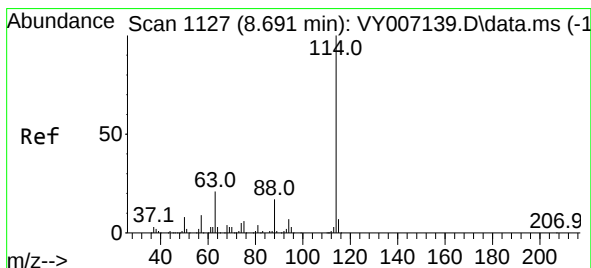
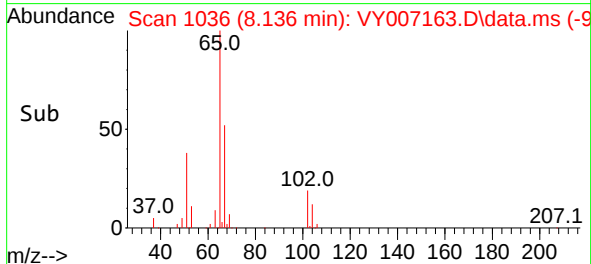
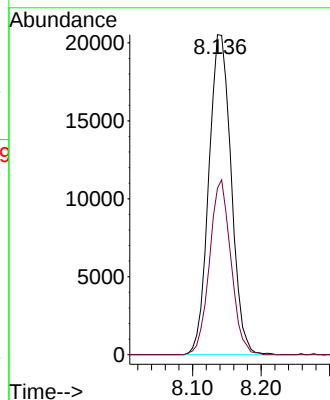
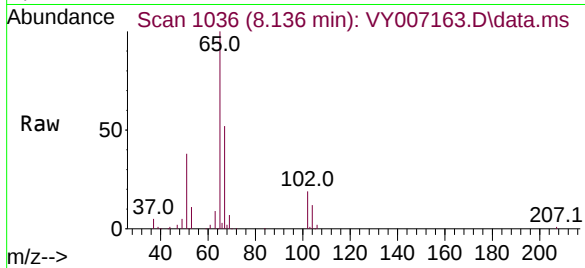




#33
 1,2-Dichloroethane-d4
 Concen: 46.646 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY007163.D
 Acq: 14 Jan 2022 13:00

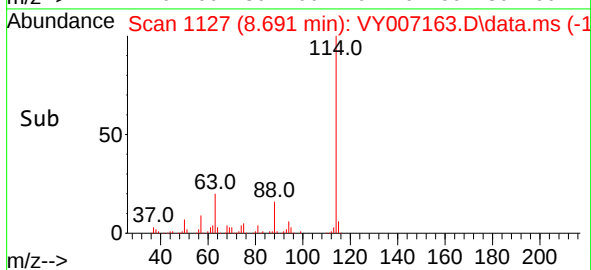
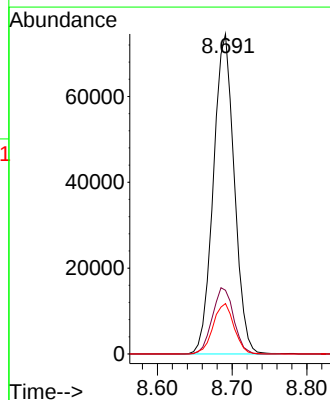
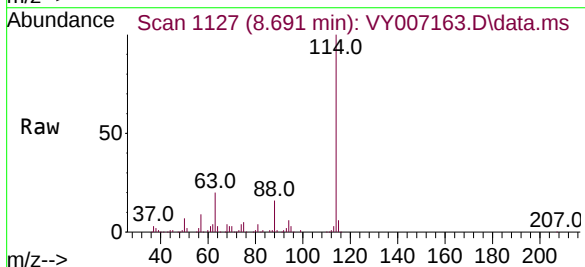
Instrument : MSVOA_Y
 ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

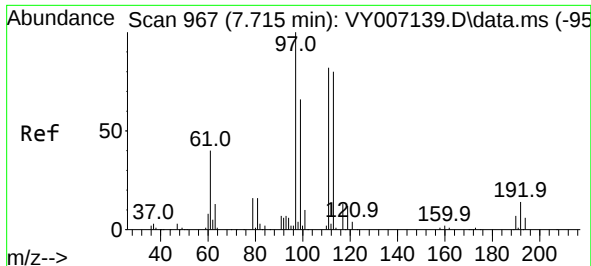
Tgt Ion: 65 Resp: 46537
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007163.D
 Acq: 14 Jan 2022 13:00

Tgt Ion: 114 Resp: 144654
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.7 0.0 31.0

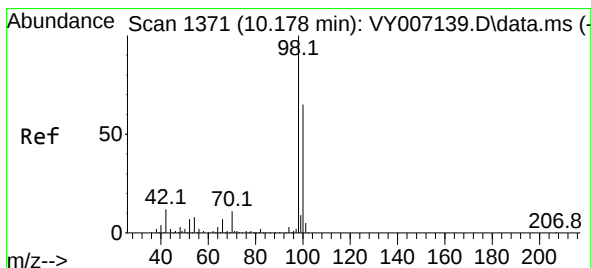
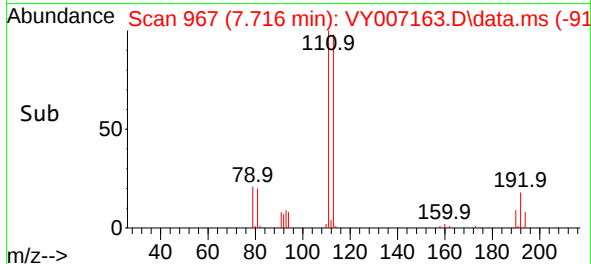
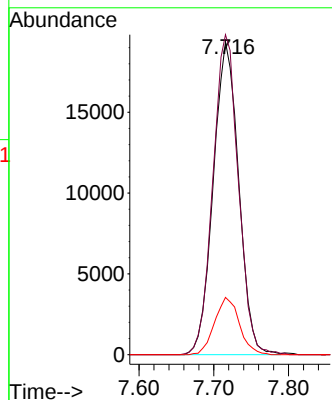
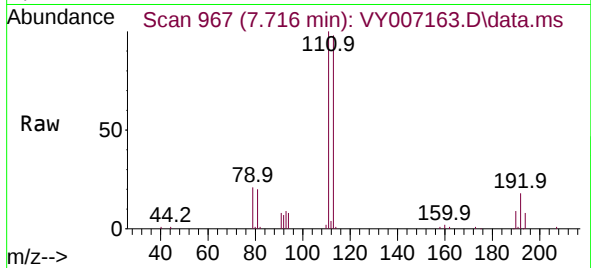




#35
Dibromofluoromethane
Concen: 46.688 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

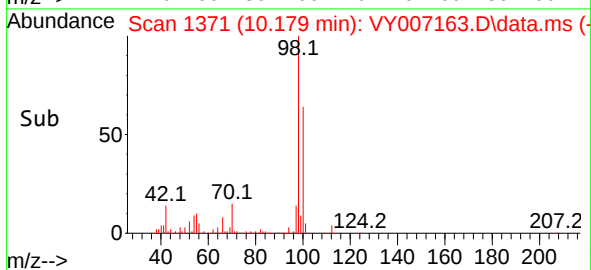
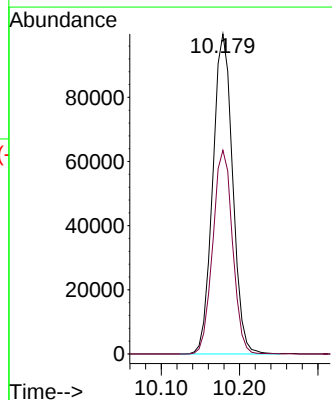
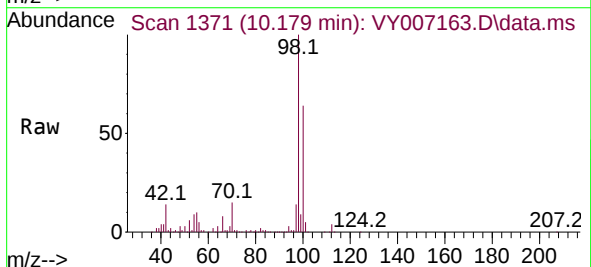
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NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

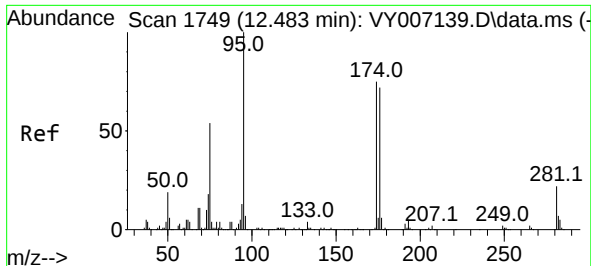
Tgt Ion:113 Resp: 45667
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.9 14.2 21.4



#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

Tgt Ion: 98 Resp: 175754
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.2

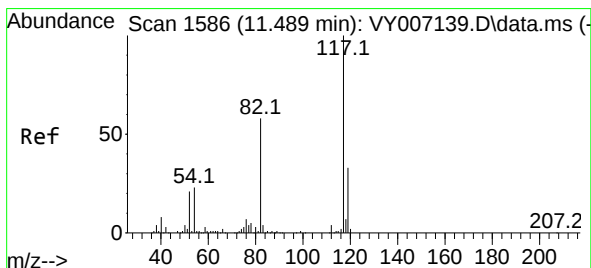
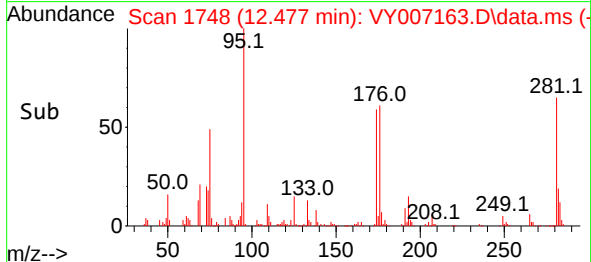
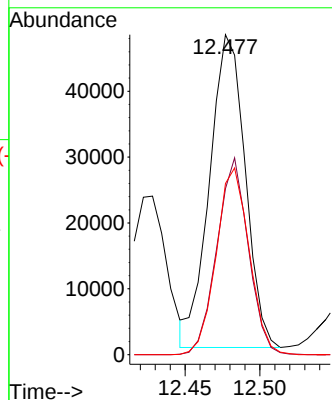
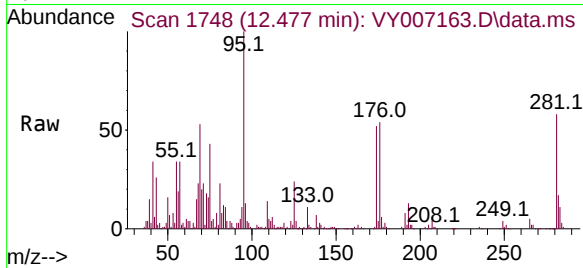




#62
4-Bromofluorobenzene
Concen: 61.713 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

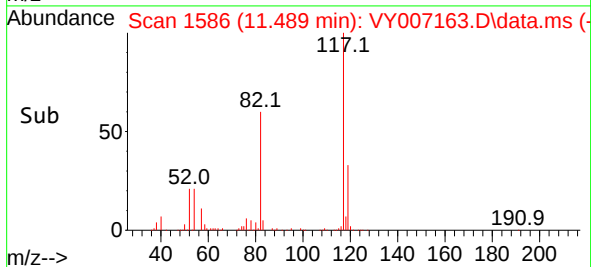
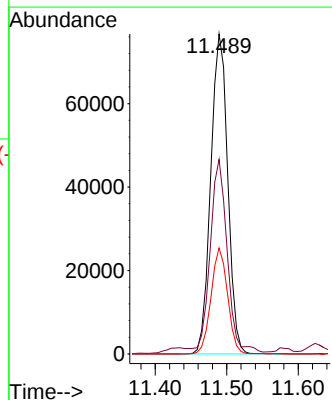
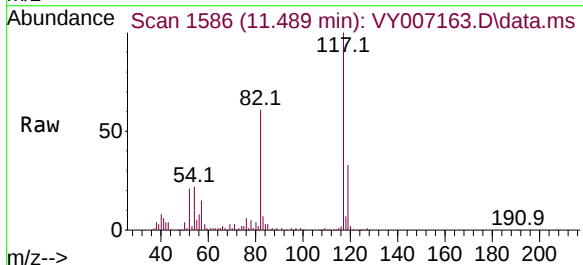
Instrument : MSVOA_Y
ClientSampleId : NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

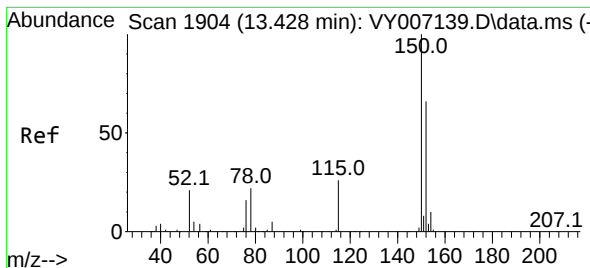
Tgt Ion: 95 Resp: 78458
Ion Ratio Lower Upper
95 100
174 55.7 0.0 148.4
176 55.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007163.D
Acq: 14 Jan 2022 13:00

Tgt Ion: 117 Resp: 126340
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.0
119 33.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007163.D

Acq: 14 Jan 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

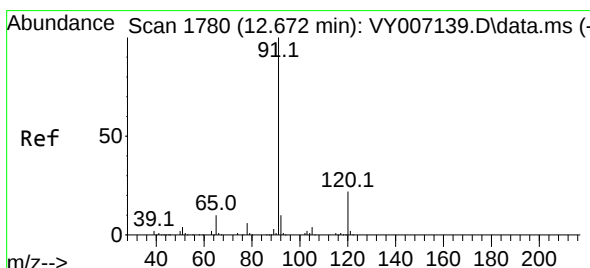
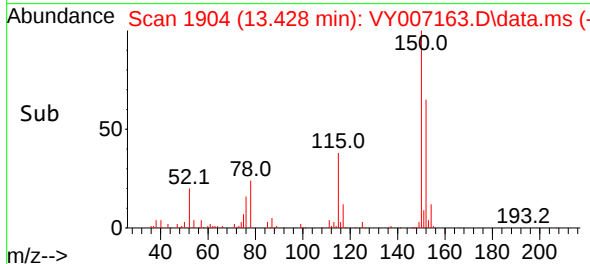
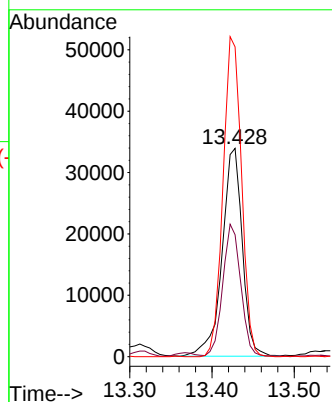
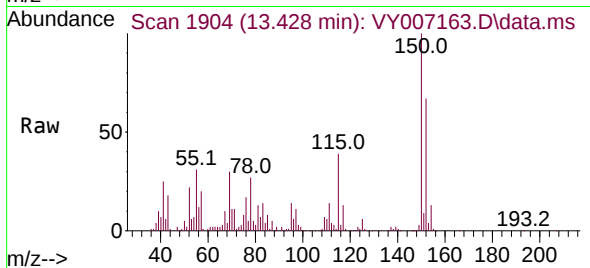
Tgt Ion:152 Resp: 57940

Ion Ratio Lower Upper

152 100

115 57.1 31.4 94.0

150 140.5 0.0 348.4



#78

n-propylbenzene

Concen: 3.637 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007163.D

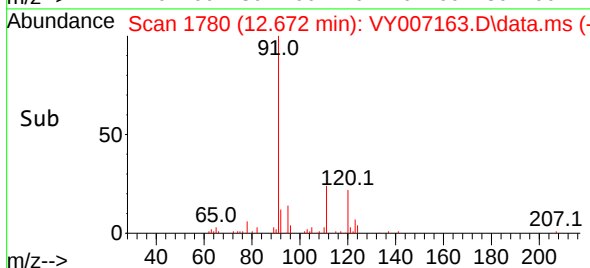
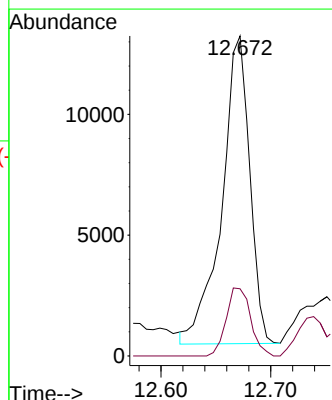
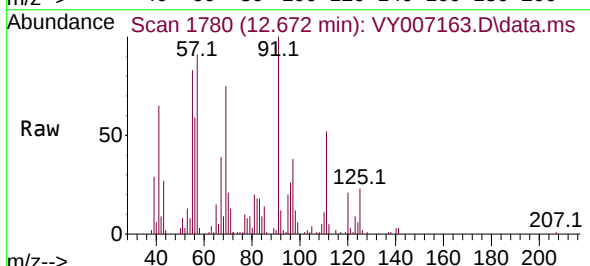
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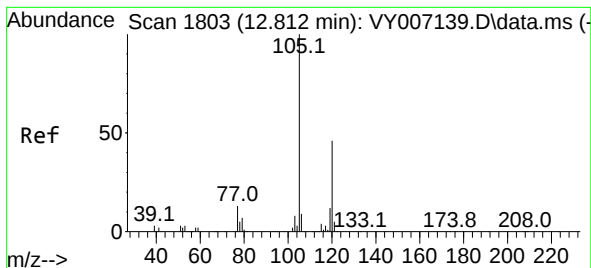
Tgt Ion: 91 Resp: 22565

Ion Ratio Lower Upper

91 100

120 19.3 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 2.934 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007163.D

Acq: 14 Jan 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

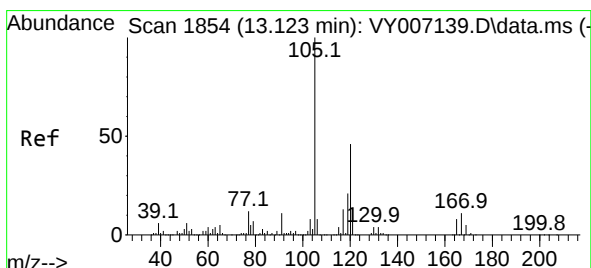
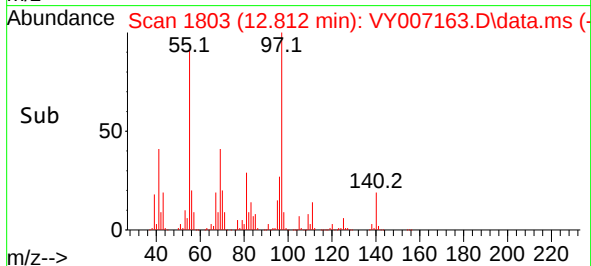
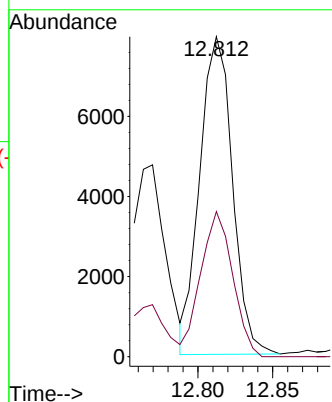
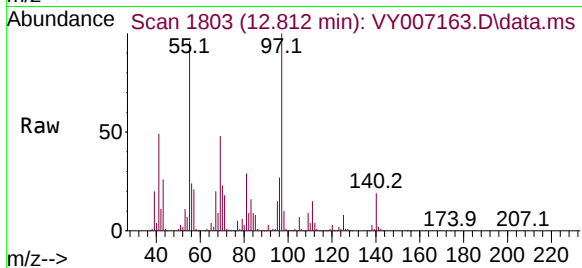
NORTH-EAST-CORNER-EXCAVATION-WEST-SIDEWALL

Tgt Ion:105 Resp: 12054

Ion Ratio Lower Upper

105 100

120 44.7 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 8.990 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY007163.D

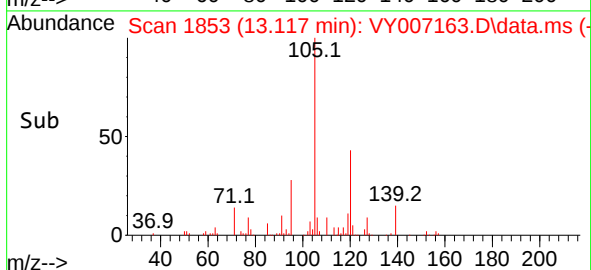
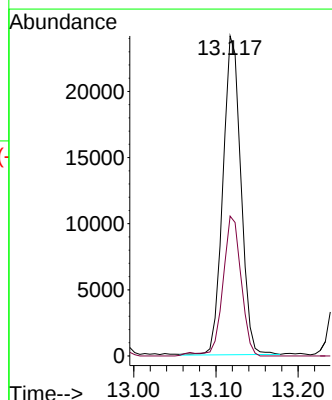
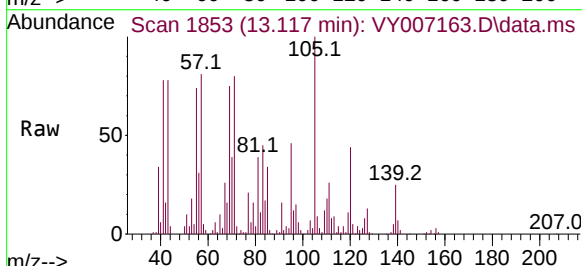
Acq: 14 Jan 2022 13:00

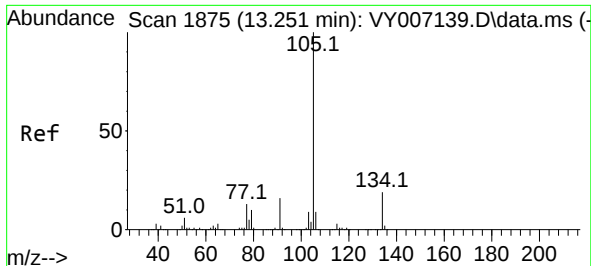
Tgt Ion:105 Resp: 36614

Ion Ratio Lower Upper

105 100

120 43.6 21.6 64.6

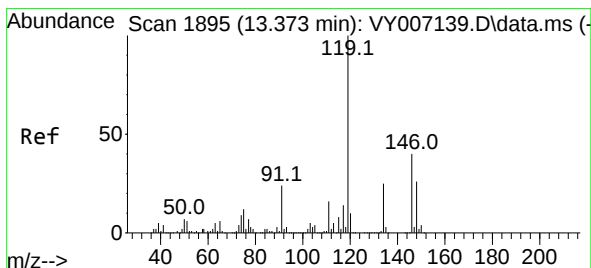
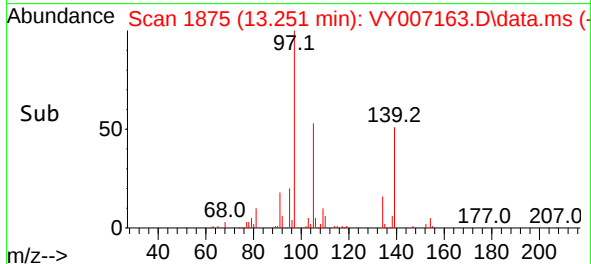
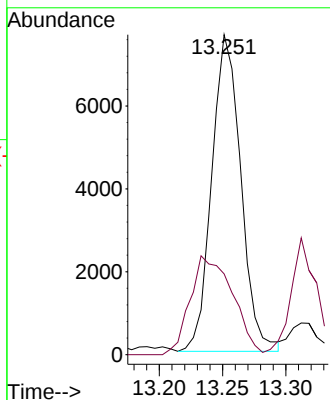
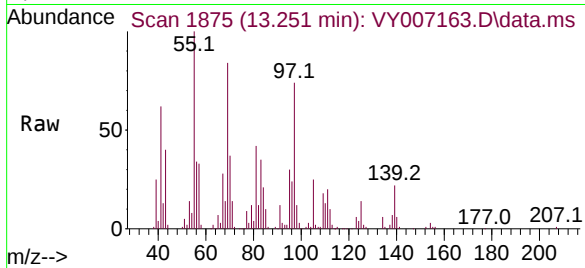




#85
 sec-Butylbenzene
 Concen: 2.301 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007163.D
 Acq: 14 Jan 2022 13:00

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

Tgt Ion:105 Resp: 12223
 Ion Ratio Lower Upper
 105 100
 134 45.3 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 2.487 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY007163.D
 Acq: 14 Jan 2022 13:00

Tgt Ion:119 Resp: 10854
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.9 38.7
 91 30.0 12.4 37.2

