

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010738.D
 Acq On : 29 Sep 2022 17:53
 Operator : KP/MD
 Sample : N4896-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-9

Quant Time: Sep 30 08:24:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

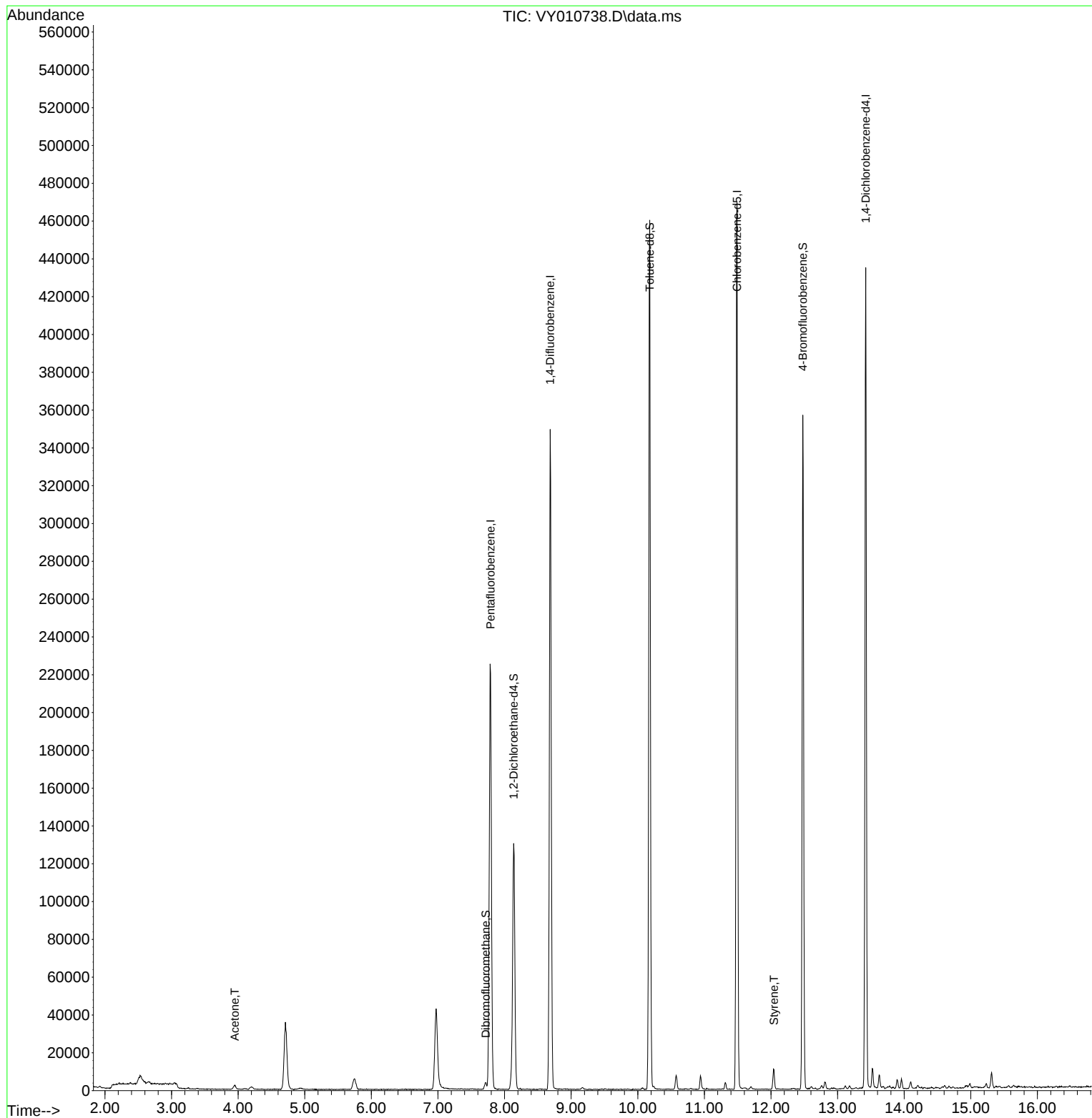
Internal Standards						
1) Pentafluorobenzene	7.789	168	176732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99416	58.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.620%
35) Dibromofluoromethane	7.716	113	2659	1.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	2.840%#
50) Toluene-d8	10.179	98	299232	43.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.080%
62) 4-Bromofluorobenzene	12.477	95	106490	40.842	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.680%
Target Compounds						
16) Acetone	3.948	43	3531	10.243	ug/l	91
70) Styrene	12.044	104	5359	1.061	ug/l #	85

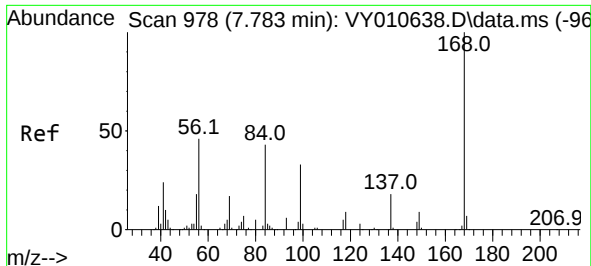
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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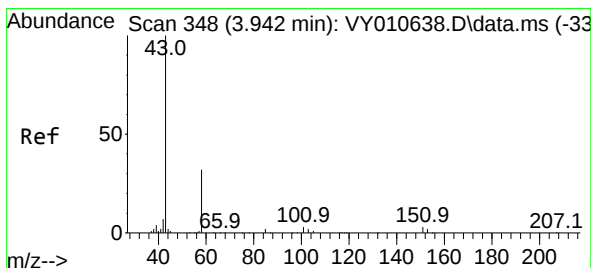
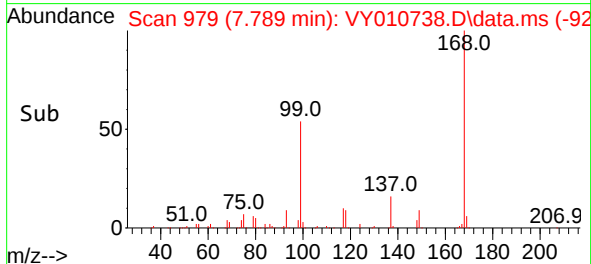
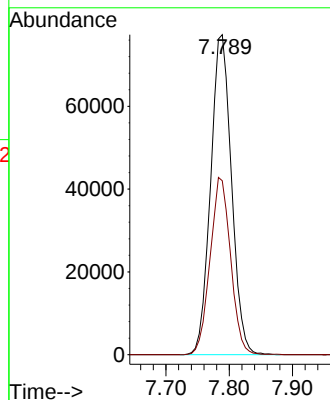
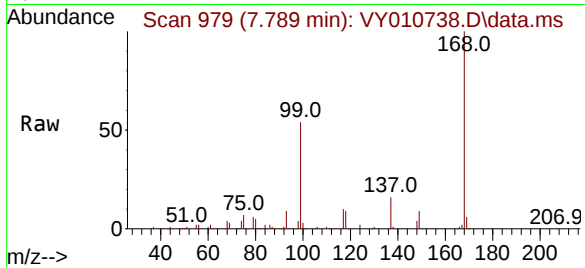




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

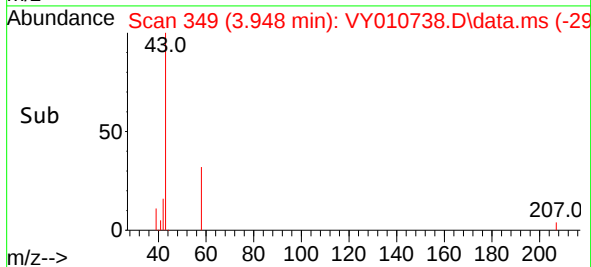
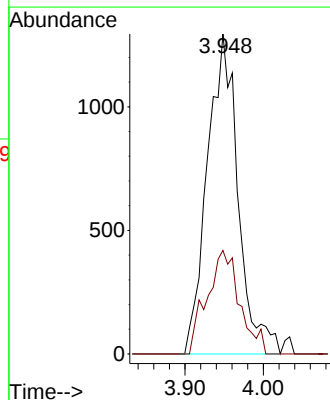
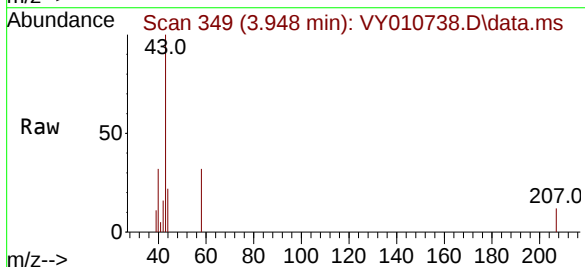
Instrument :
MSVOA_Y
ClientSampleId :
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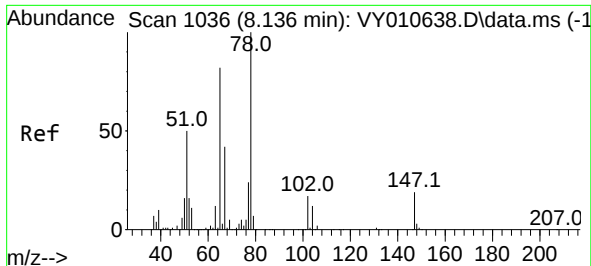
Tgt Ion:168 Resp: 176732
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 10.243 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

Tgt Ion: 43 Resp: 3531
Ion Ratio Lower Upper
43 100
58 32.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 58.812 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010738.D

Acq: 29 Sep 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

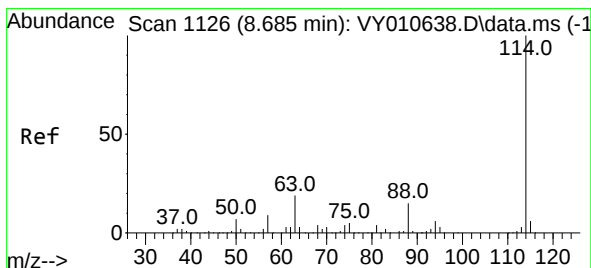
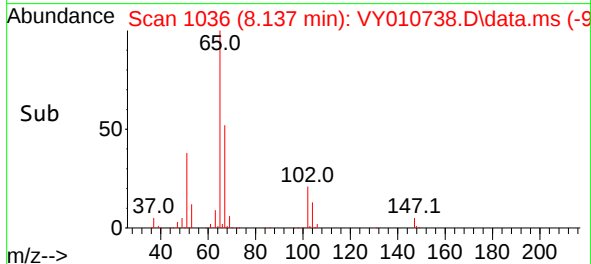
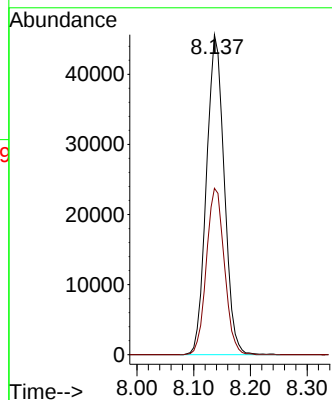
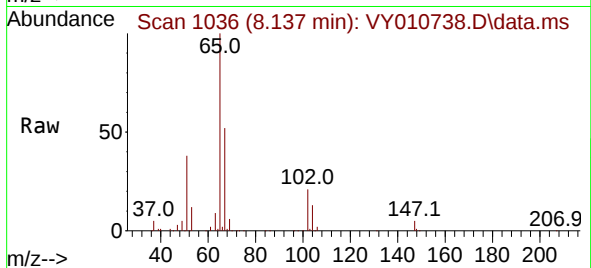
CRUSHED-MASONRY-PILE-9

Tgt Ion: 65 Resp: 99416

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010738.D

Acq: 29 Sep 2022 17:53

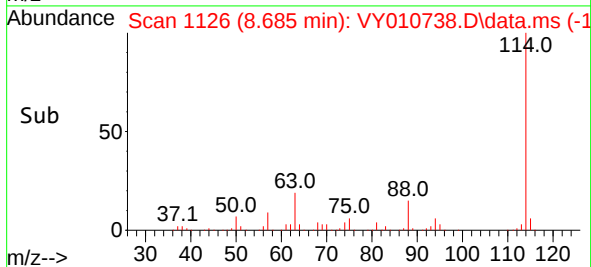
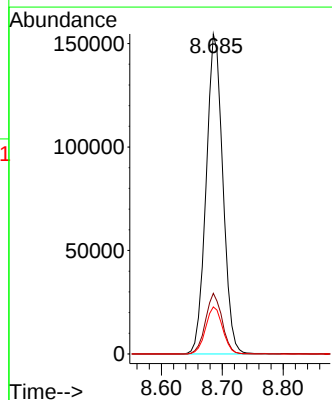
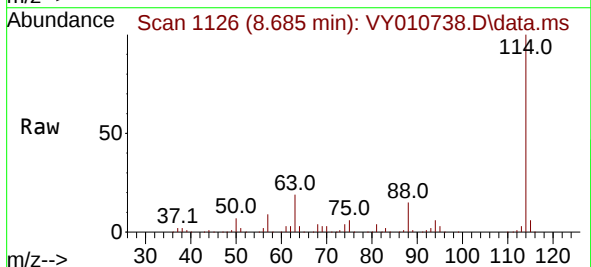
Tgt Ion: 114 Resp: 294296

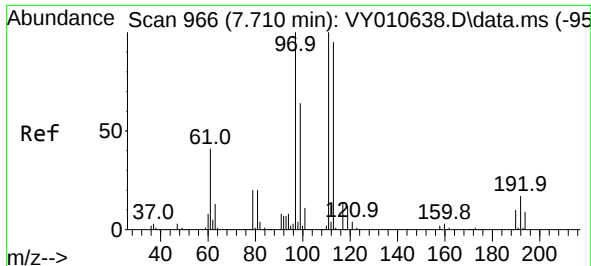
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.7 0.0 31.8

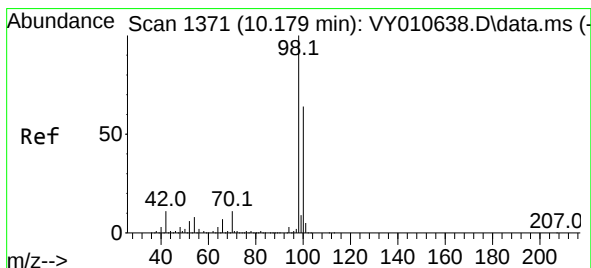
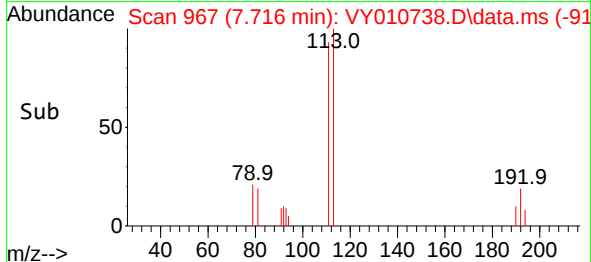
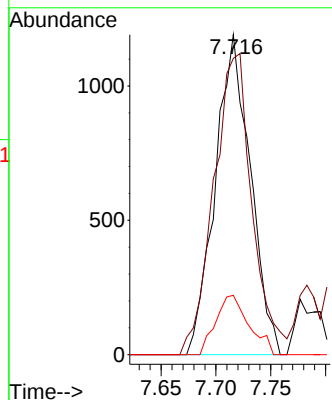
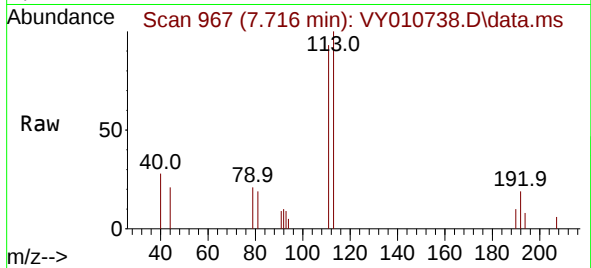




#35
Dibromofluoromethane
Concen: 1.416 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

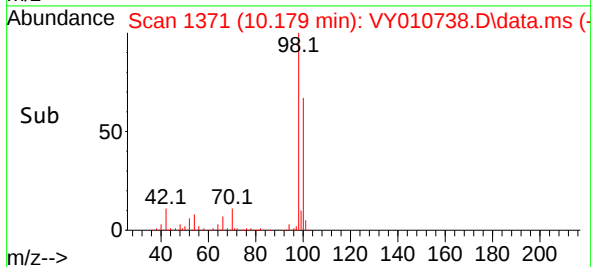
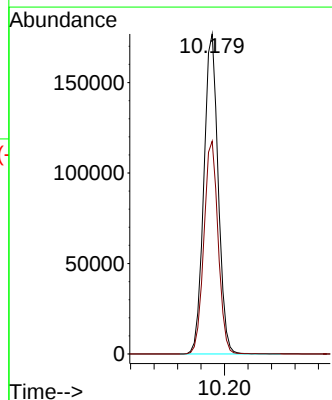
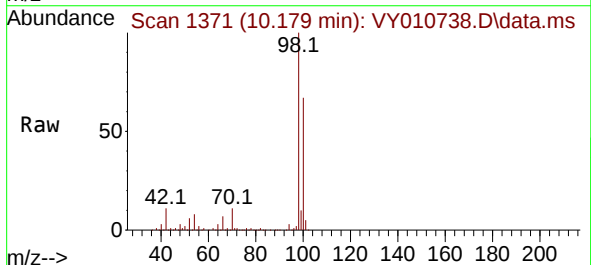
Instrument :
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CRUSHED-MASONRY-PILE-9

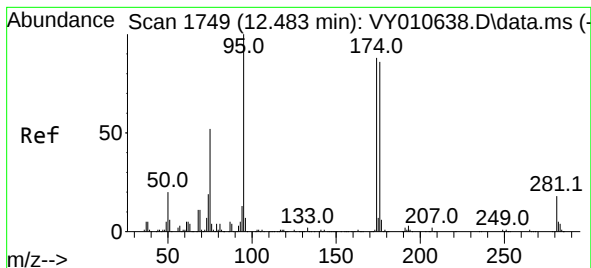
Tgt Ion:113 Resp: 2659
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.5 17.6 26.4#



#50
Toluene-d8
Concen: 43.539 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

Tgt Ion: 98 Resp: 299232
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

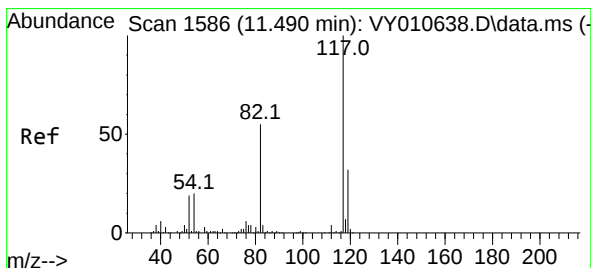
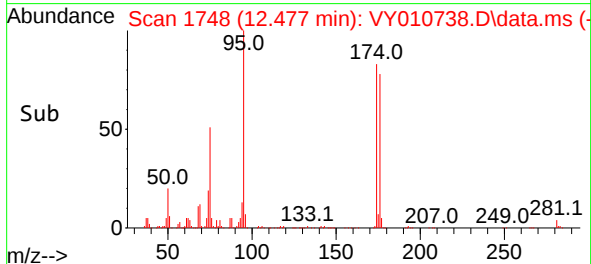
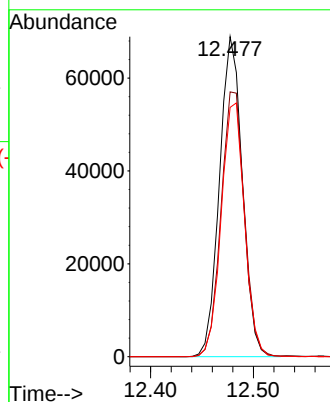
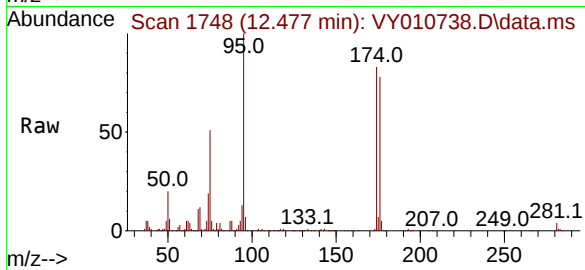




#62
4-Bromofluorobenzene
Concen: 40.842 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

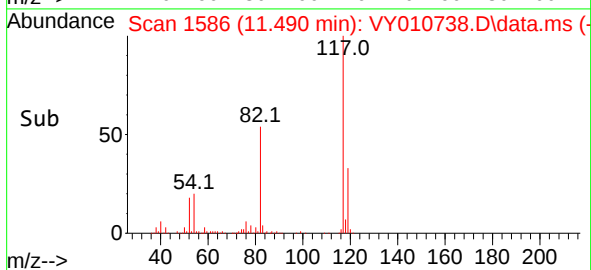
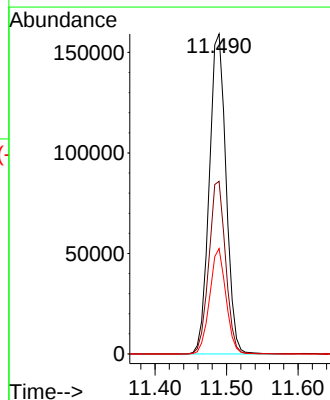
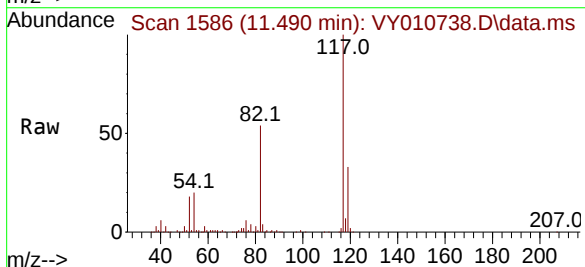
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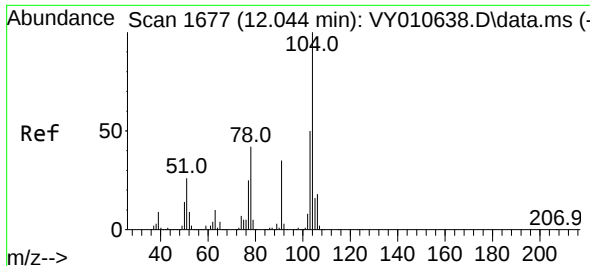
Tgt Ion: 95 Resp: 106490
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

Tgt Ion: 117 Resp: 259332
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.0 25.4 38.0

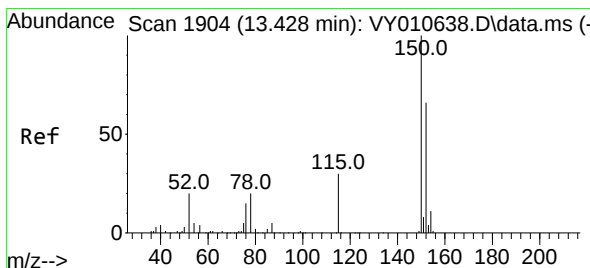
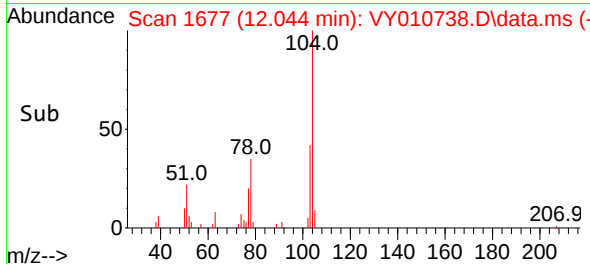
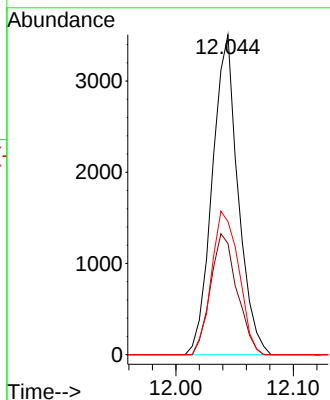
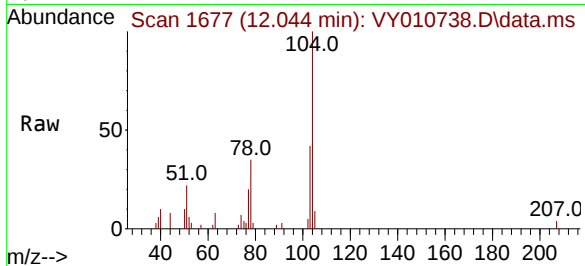




#70
Styrene
Concen: 1.061 ug/l
RT: 12.044 min Scan# 104
Delta R.T. 0.006 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-9

Tgt Ion:104 Resp: 5359
Ion Ratio Lower Upper
104 100
78 38.9 42.4 63.6#
103 47.4 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010738.D
Acq: 29 Sep 2022 17:53

Tgt Ion:152 Resp: 109372
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.9 0.0 347.6

