

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009915.D
 Acq On : 09 Aug 2022 13:23
 Operator : KP/MD
 Sample : N4082-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-A

Quant Time: Aug 09 23:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

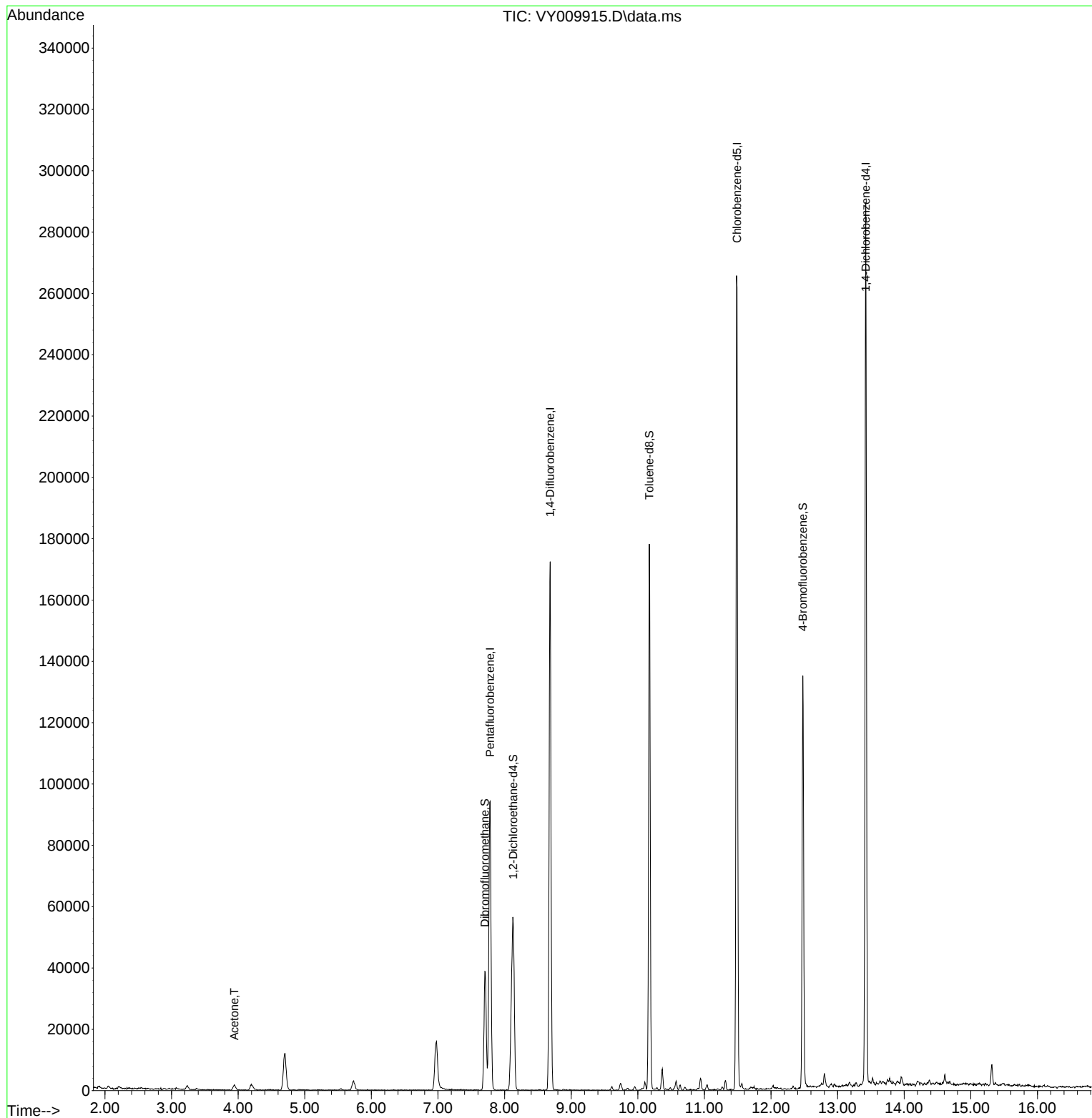
Internal Standards						
1) Pentafluorobenzene	7.783	168	72260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30877	55.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.360%
35) Dibromofluoromethane	7.704	113	28009	36.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.100%
50) Toluene-d8	10.173	98	109879	46.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.477	95	39146	36.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.160%
Target Compounds						
16) Acetone	3.942	43	3002	14.728	ug/l	Qvalue 96

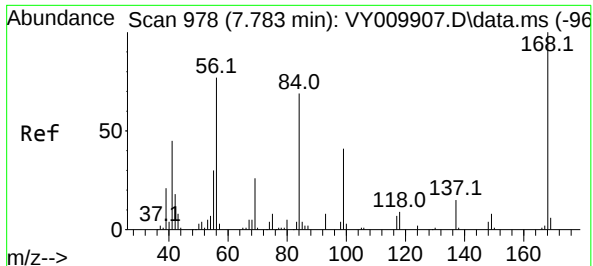
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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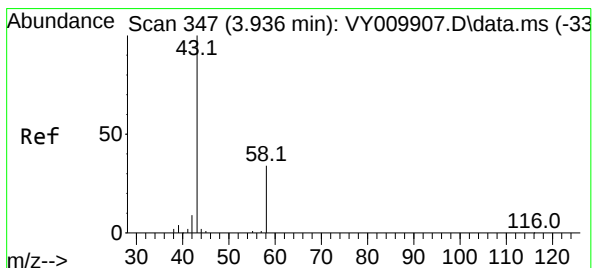
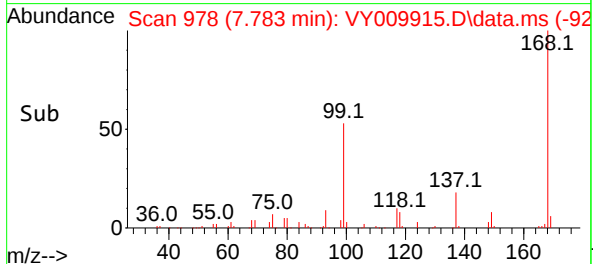
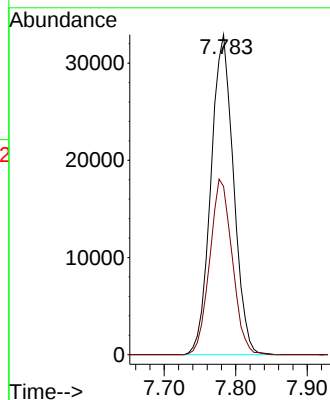
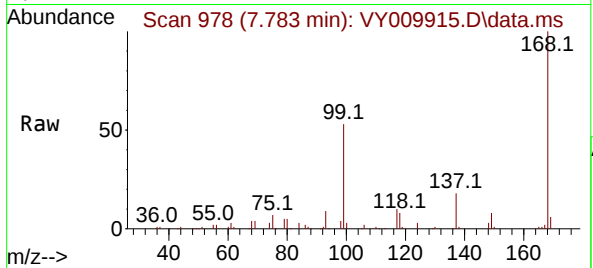




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

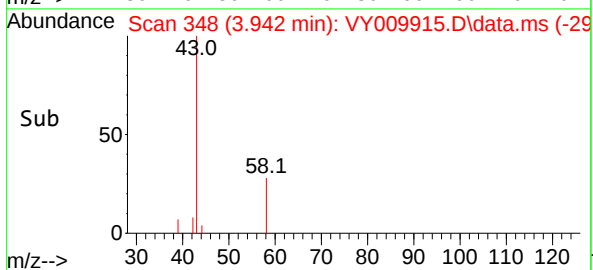
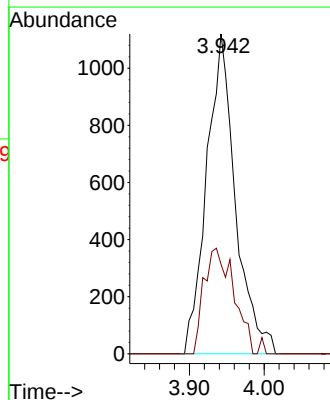
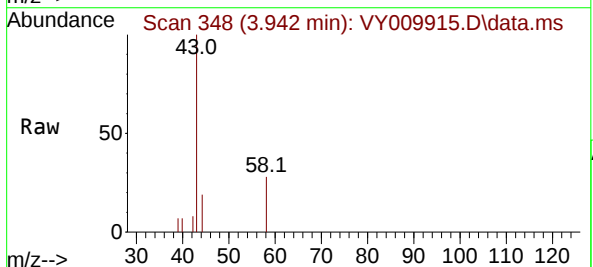
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONARY-PILE-A

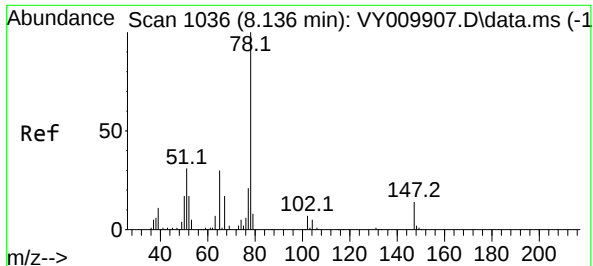
Tgt Ion:168 Resp: 72260
Ion Ratio Lower Upper
168 100
99 52.6 42.1 63.1



#16
Acetone
Concen: 14.728 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

Tgt Ion: 43 Resp: 3002
Ion Ratio Lower Upper
43 100
58 28.0 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 55.178 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009915.D

Acq: 09 Aug 2022 13:23

Instrument :

MSVOA_Y

ClientSampleId :

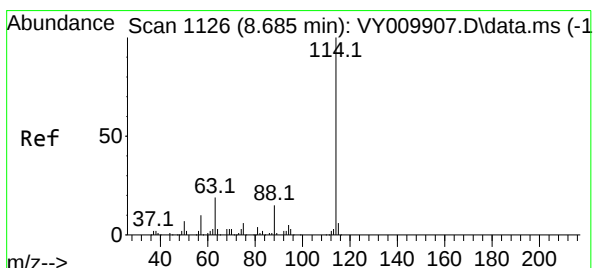
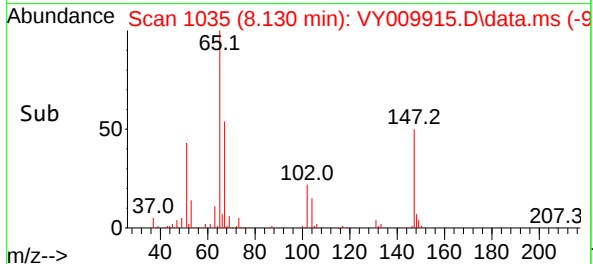
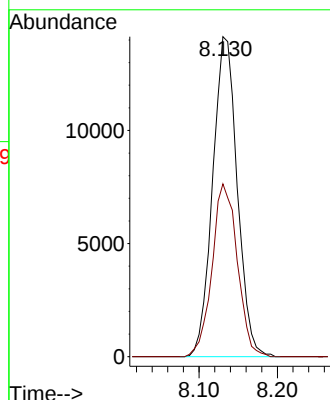
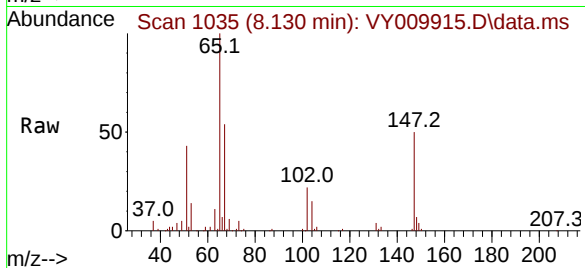
CRUSHED-MASONARY-PILE-A

Tgt Ion: 65 Resp: 30877

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009915.D

Acq: 09 Aug 2022 13:23

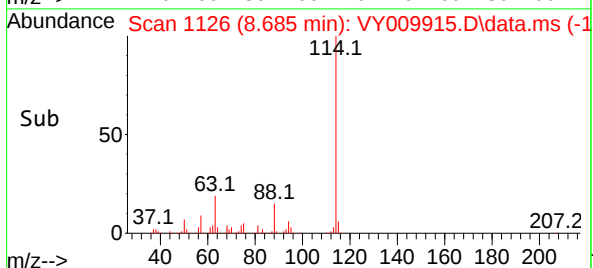
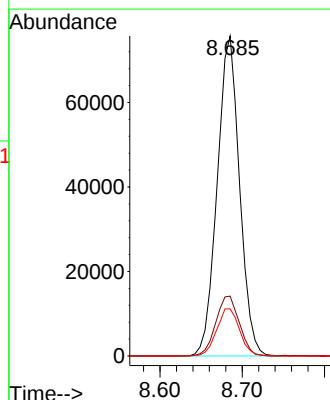
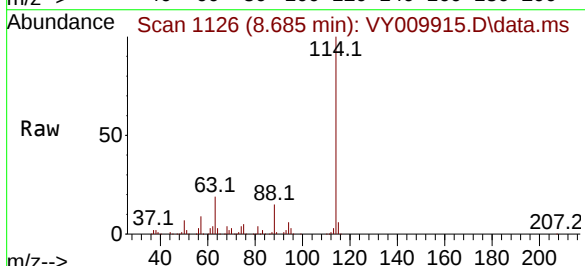
Tgt Ion: 114 Resp: 143135

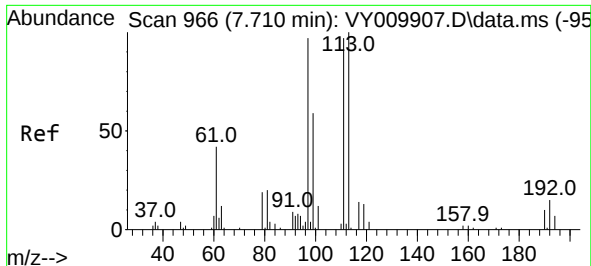
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 14.7 0.0 30.0

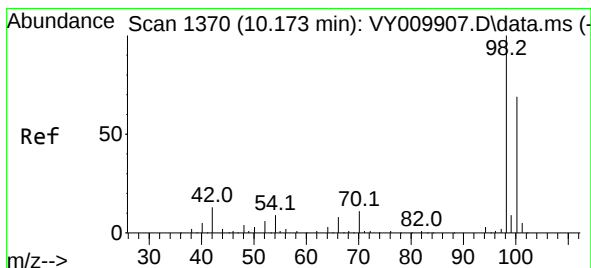
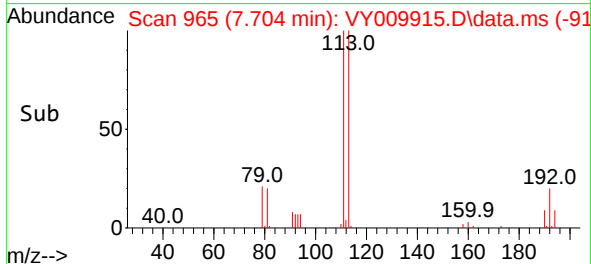
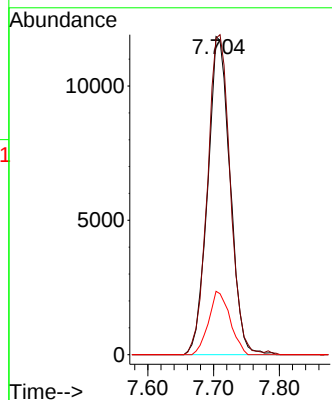
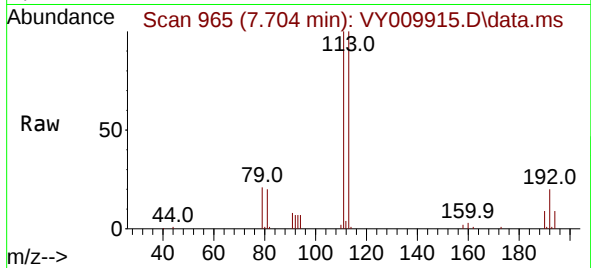




#35
Dibromofluoromethane
Concen: 36.048 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

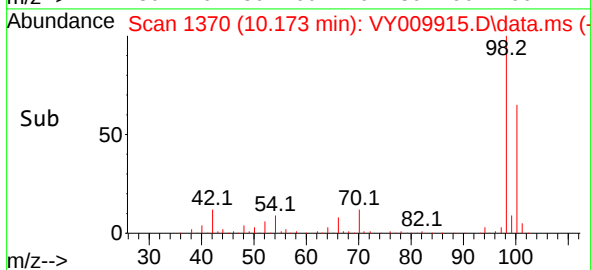
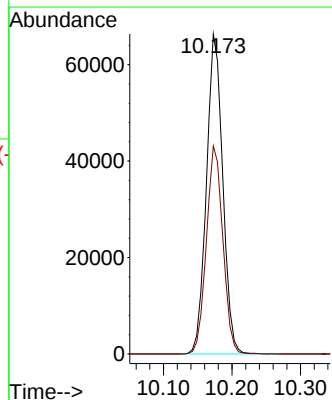
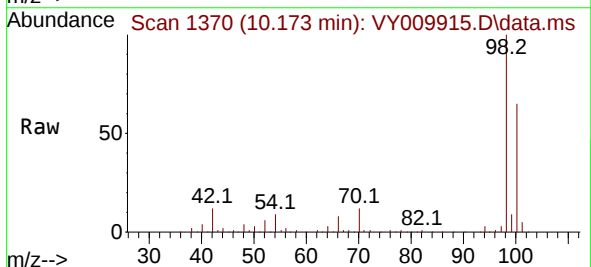
Instrument :
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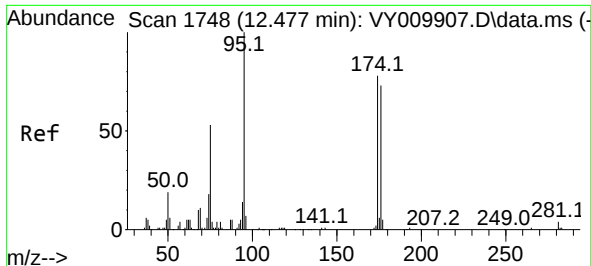
Tgt Ion:113 Resp: 28009
Ion Ratio Lower Upper
113 100
111 102.4 80.6 120.8
192 19.0 16.2 24.4



#50
Toluene-d8
Concen: 46.169 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

Tgt Ion: 98 Resp: 109879
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

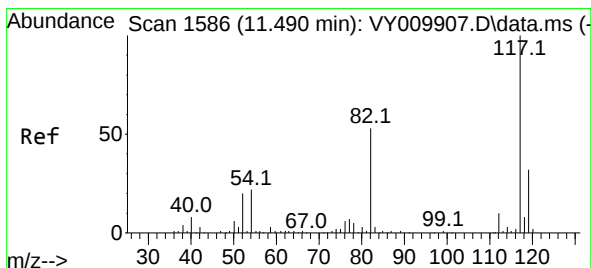
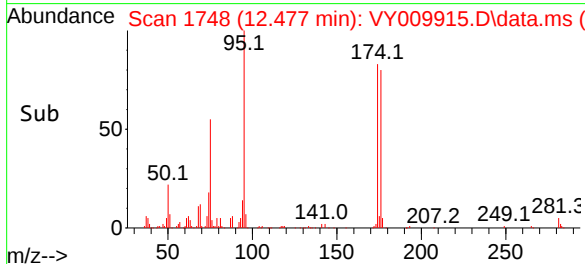
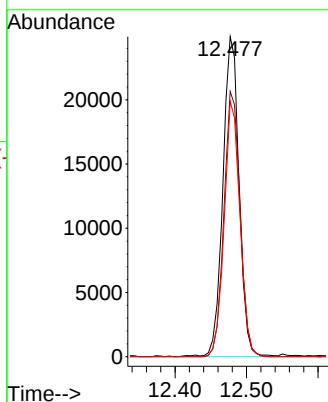
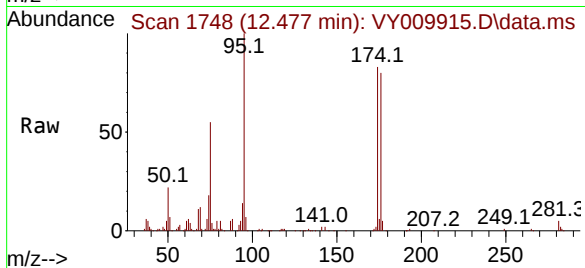




#62
4-Bromofluorobenzene
Concen: 36.082 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

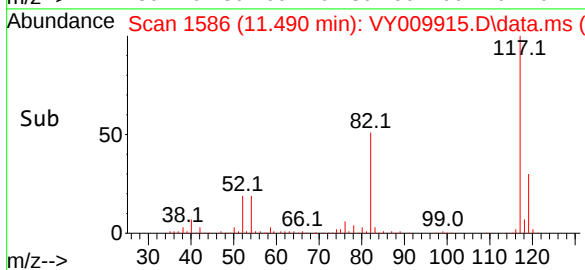
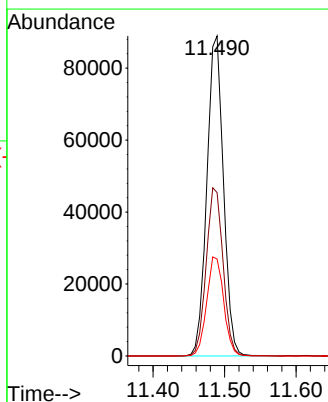
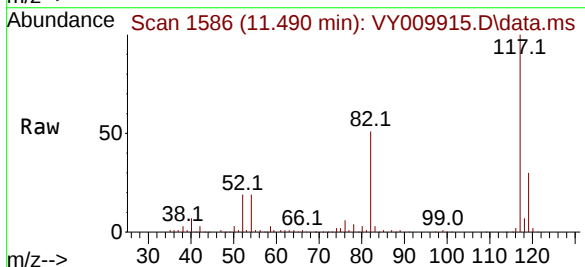
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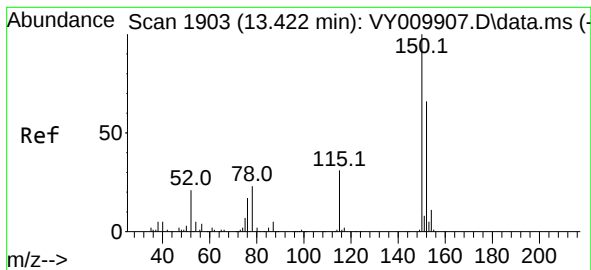
Tgt Ion: 95 Resp: 39146
Ion Ratio Lower Upper
95 100
174 82.8 0.0 173.8
176 77.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009915.D
Acq: 09 Aug 2022 13:23

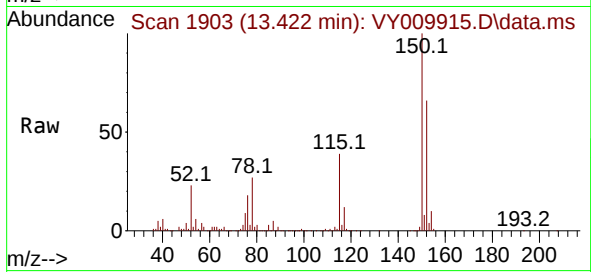
Tgt Ion: 117 Resp: 143077
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.6
119 30.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009915.D
 Acq: 09 Aug 2022 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONARY-PILE-A



Tgt Ion:152 Resp: 69616
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.6 85.9
 150 156.1 0.0 349.8

