

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012562.D
 Acq On : 09 Feb 2023 13:35
 Operator : KP/MD
 Sample : 01442-01
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-SB02

Quant Time: Feb 10 05:57:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

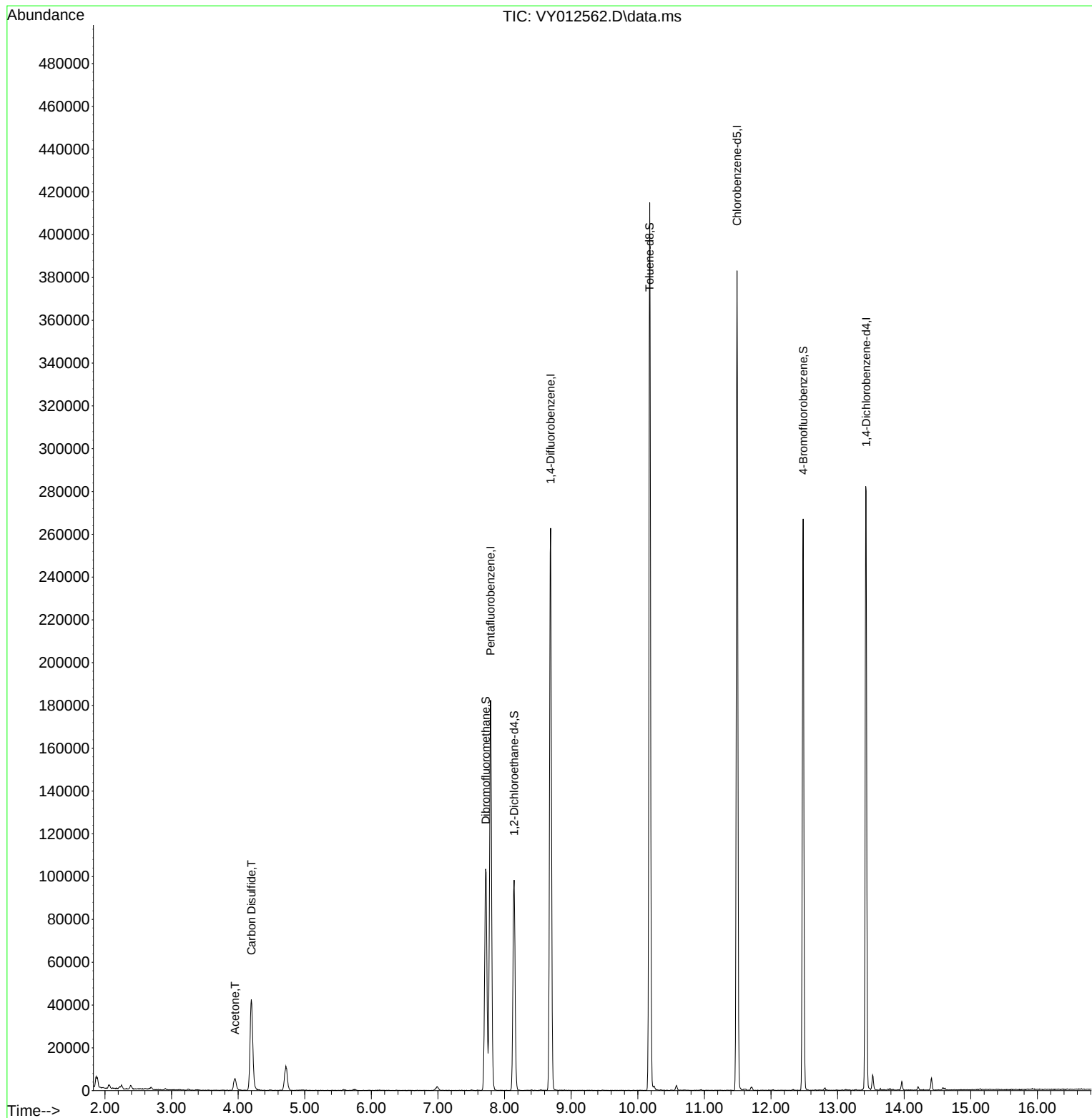
Internal Standards						
1) Pentafluorobenzene	7.789	168	143865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84417	46.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.280%
35) Dibromofluoromethane	7.716	113	71041	41.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.300%
50) Toluene-d8	10.179	98	277565	38.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.260%
62) 4-Bromofluorobenzene	12.483	95	77670	30.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.980%
Target Compounds						
16) Acetone	3.954	43	10320	23.438	ug/l	95
17) Carbon Disulfide	4.198	76	80797	21.750	ug/l	98

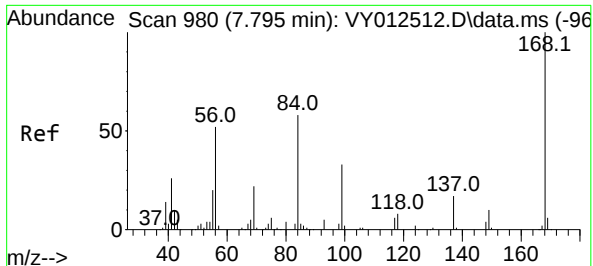
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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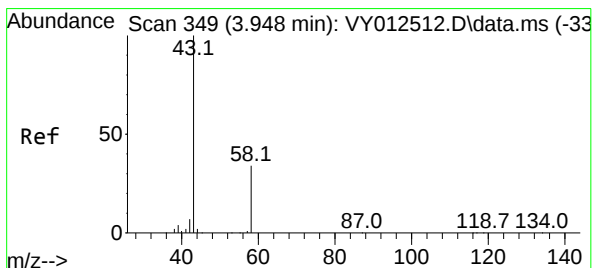
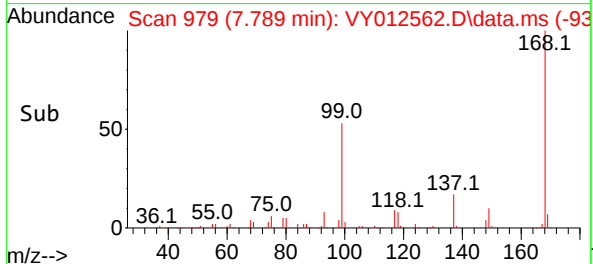
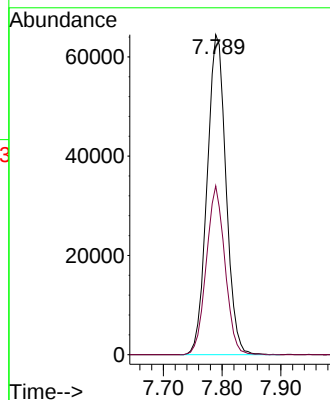
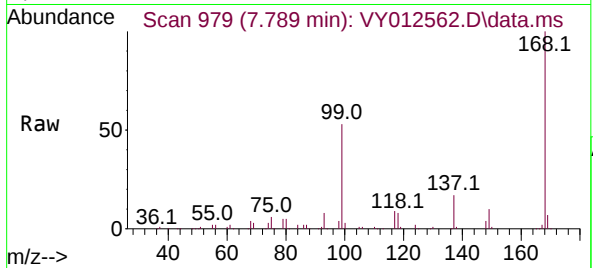




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

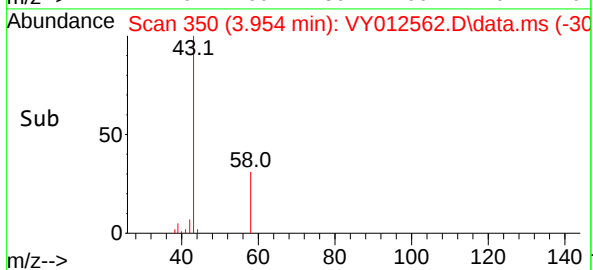
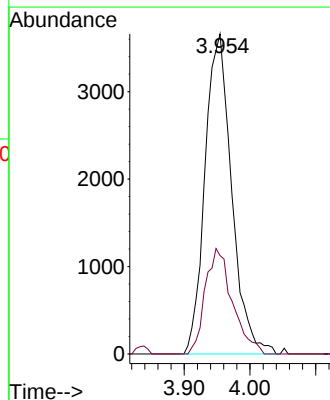
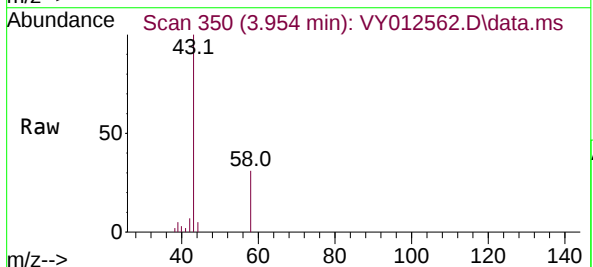
Instrument :
MSVOA_Y
ClientSampleId :
B-01-SB02

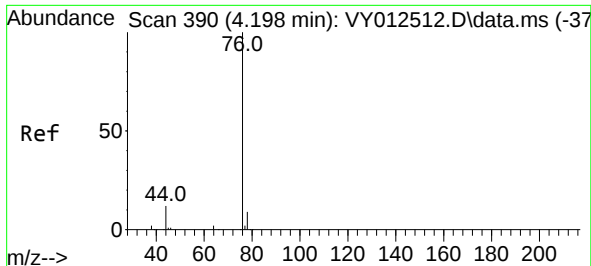
Tgt Ion:168 Resp: 143865
Ion Ratio Lower Upper
168 100
99 52.7 40.8 61.2



#16
Acetone
Concen: 23.438 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

Tgt Ion: 43 Resp: 10320
Ion Ratio Lower Upper
43 100
58 30.8 27.1 40.7

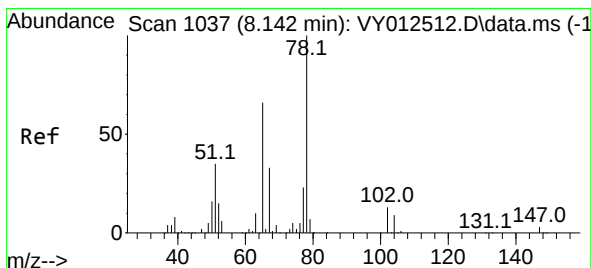
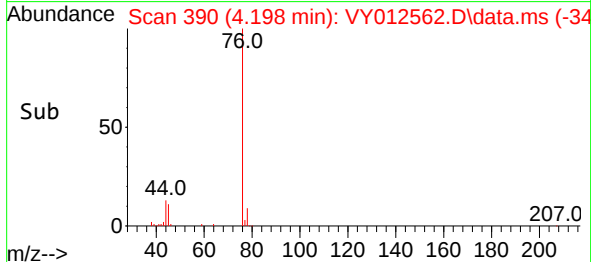
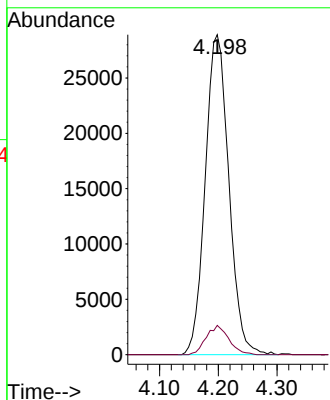
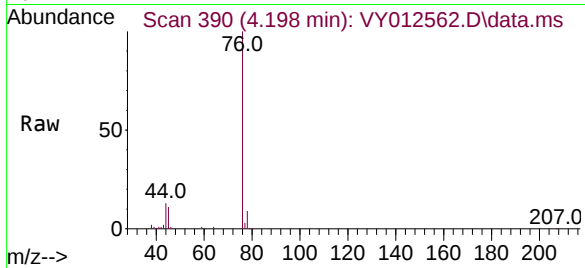




#17
Carbon Disulfide
Concen: 21.750 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

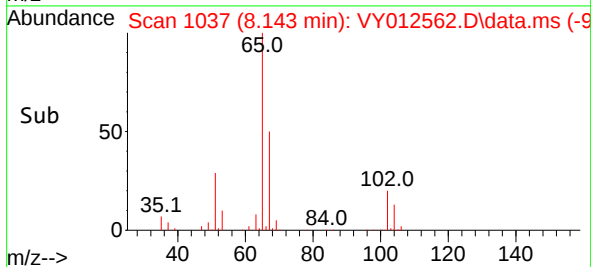
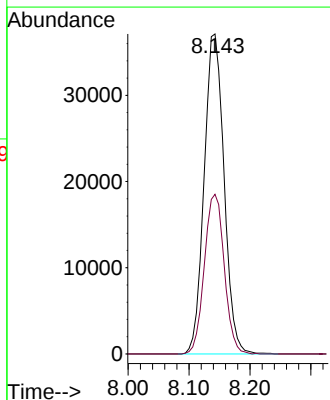
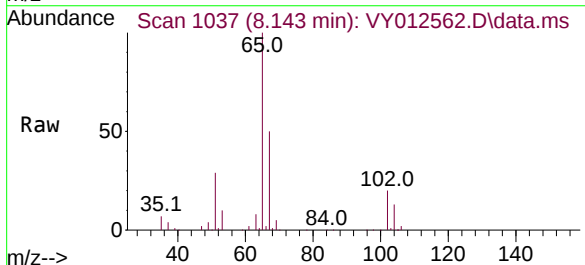
Instrument :
MSVOA_Y
ClientSampleId :
B-01-SB02

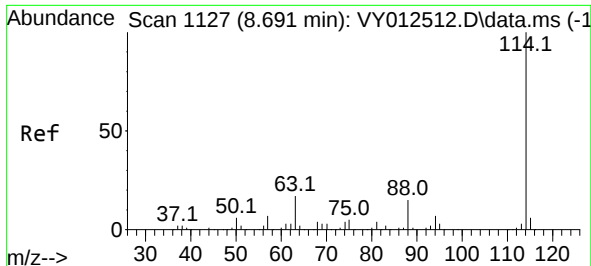
Tgt Ion: 76 Resp: 80797
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#33
1,2-Dichloroethane-d4
Concen: 46.144 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

Tgt Ion: 65 Resp: 84417
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012562.D

Acq: 09 Feb 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

B-01-SB02

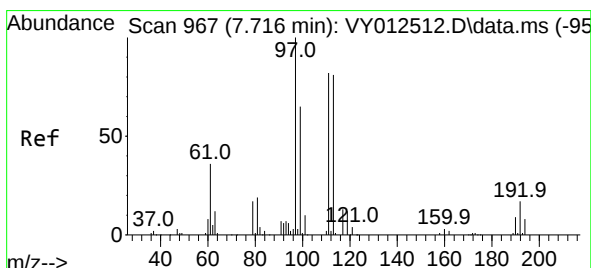
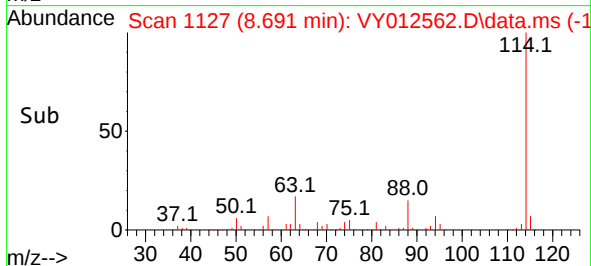
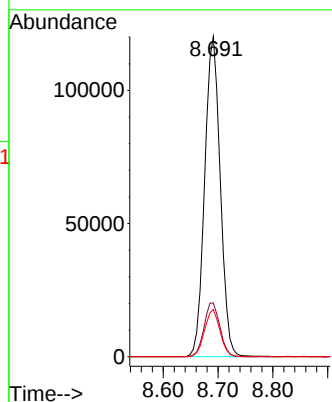
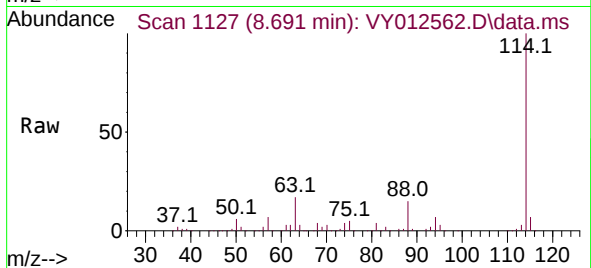
Tgt Ion:114 Resp: 237035

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 41.154 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012562.D

Acq: 09 Feb 2023 13:35

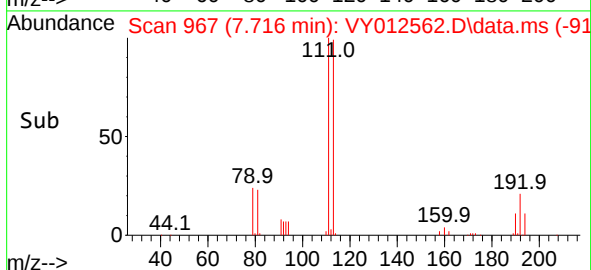
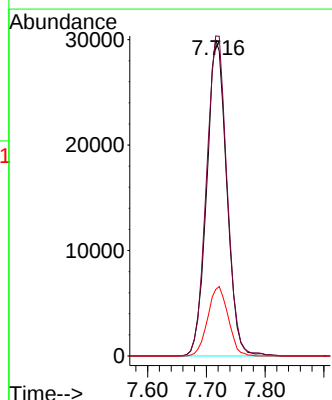
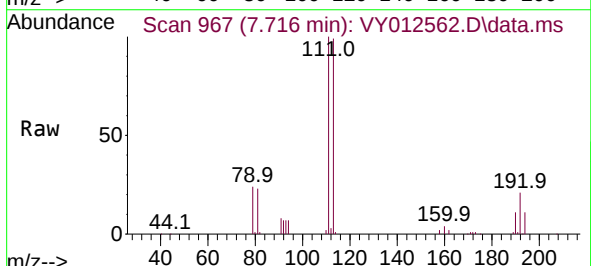
Tgt Ion:113 Resp: 71041

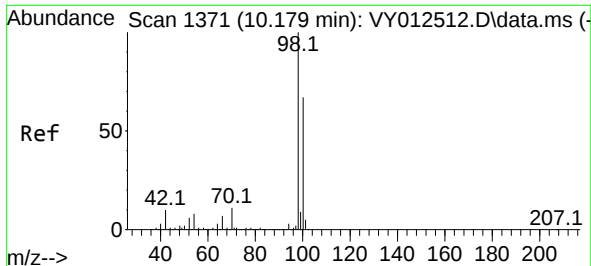
Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 22.3 17.5 26.3

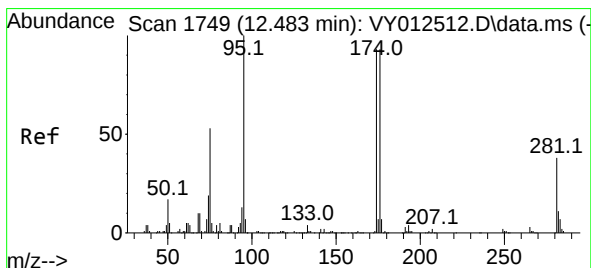
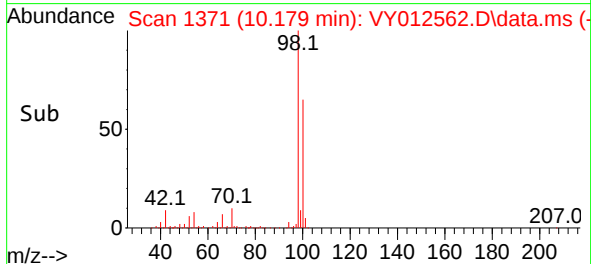
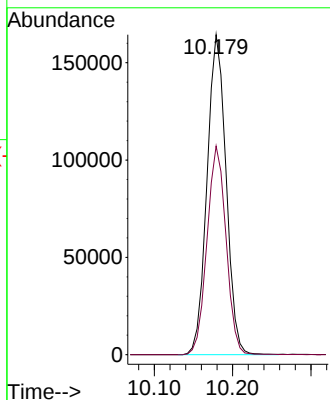
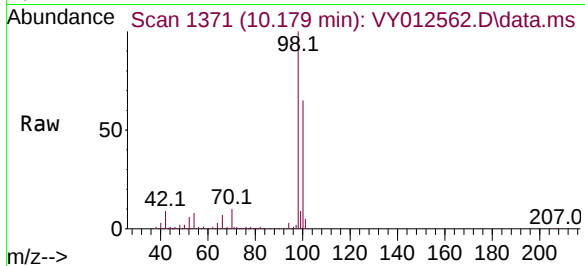




#50
Toluene-d8
Concen: 38.631 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

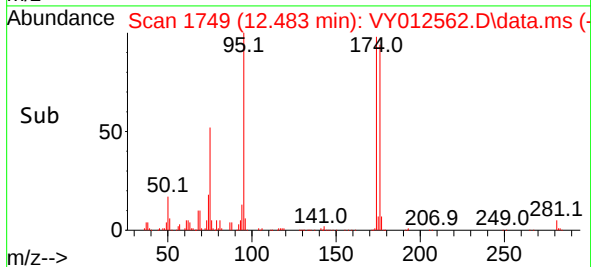
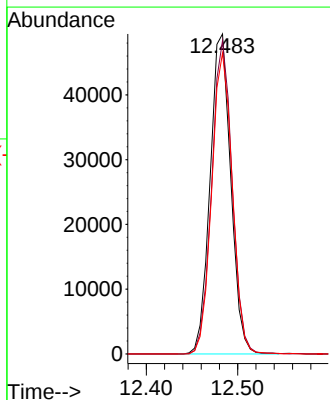
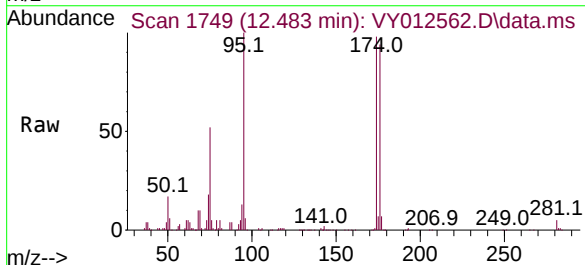
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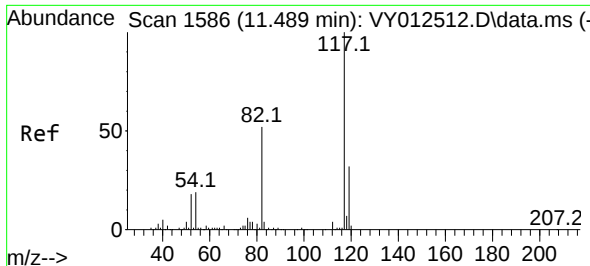
Tgt Ion: 98 Resp: 277565
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 30.991 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

Tgt Ion: 95 Resp: 77670
Ion Ratio Lower Upper
95 100
174 96.8 0.0 188.0
176 93.5 0.0 183.6

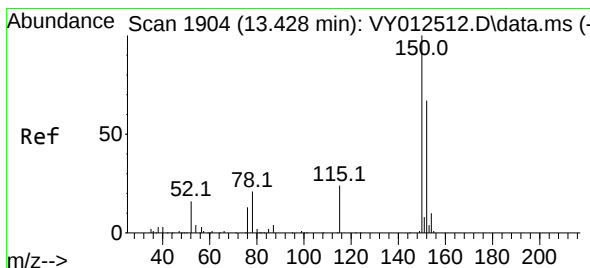
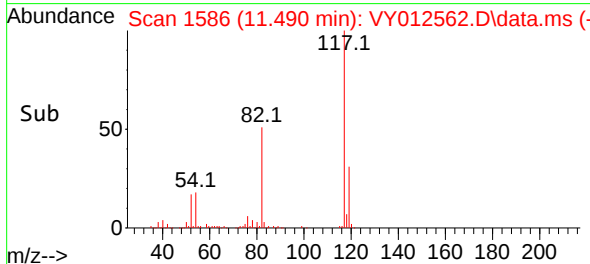
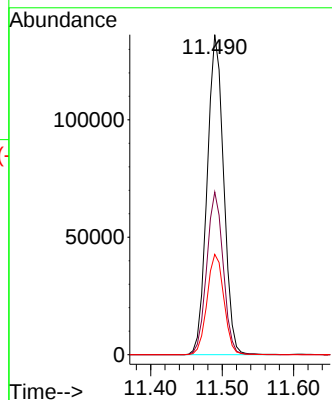
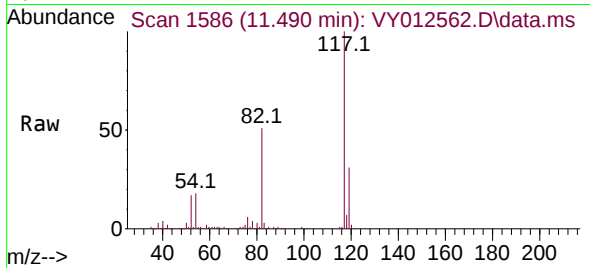




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

Instrument :
MSVOA_Y
ClientSampleId :
B-01-SB02

Tgt Ion:117 Resp: 218641
Ion Ratio Lower Upper
117 100
82 50.8 41.7 62.5
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012562.D
Acq: 09 Feb 2023 13:35

Tgt Ion:152 Resp: 79246
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.3
150 156.1 0.0 351.0

