

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016714.D
 Acq On : 19 Dec 2023 23:34
 Operator : SY/MD
 Sample : 05827-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-08-13.5-14.5

Quant Time: Dec 20 06:42:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

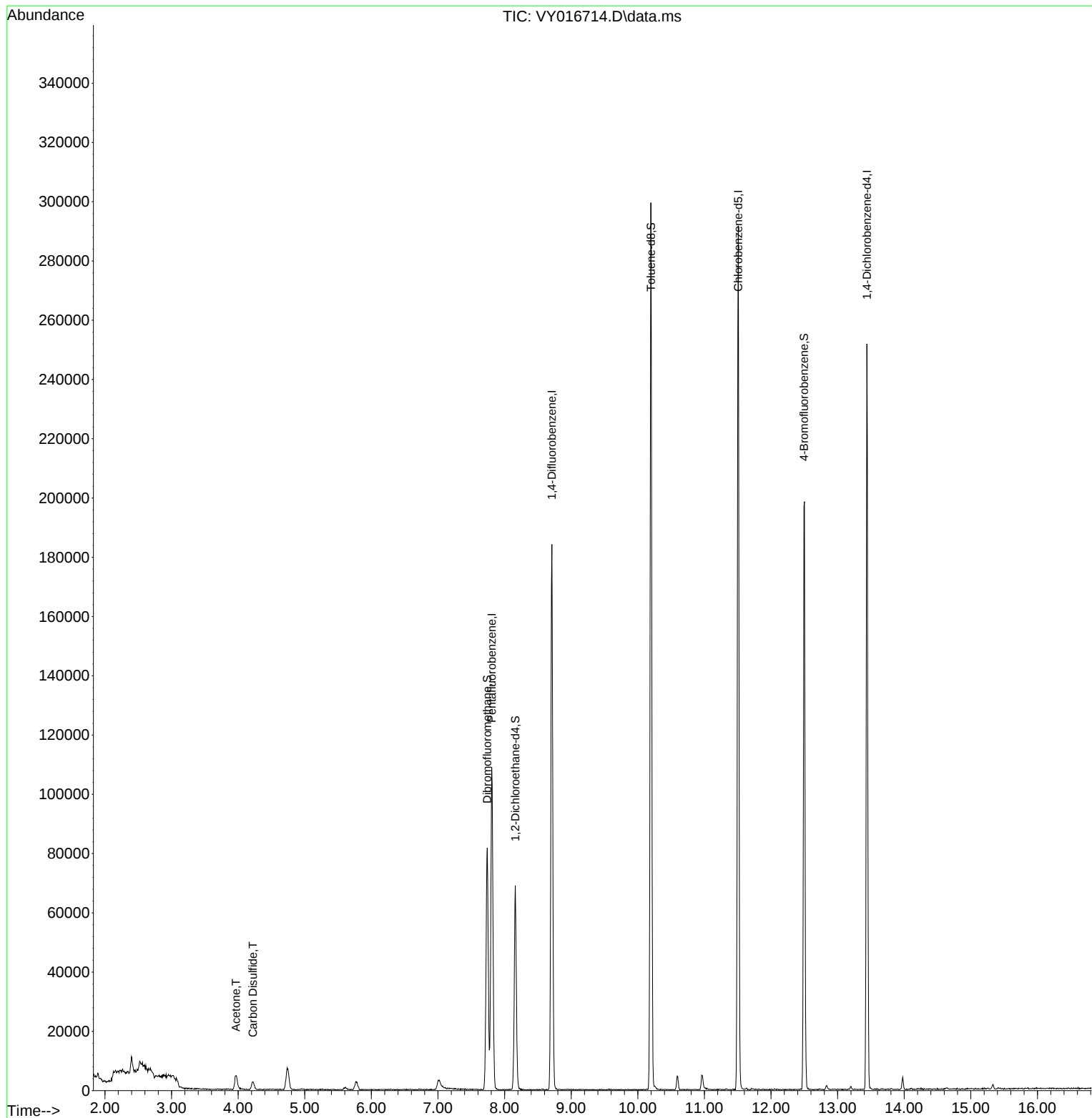
Internal Standards						
1) Pentafluorobenzene	7.807	168	89445	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	157417	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	157233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	51298	69.337	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.680%	
35) Dibromofluoromethane	7.740	113	55984	60.384	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.760%	
50) Toluene-d8	10.197	98	191498	57.033	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.060%	
62) 4-Bromofluorobenzene	12.495	95	52708	55.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.420%	
Target Compounds						Qvalue
16) Acetone	3.966	43	9027	24.505	ug/l	97
17) Carbon Disulfide	4.223	76	4569	2.291	ug/l	96

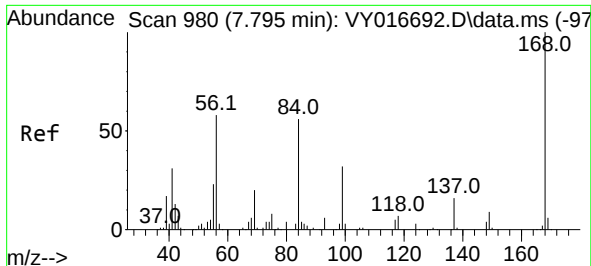
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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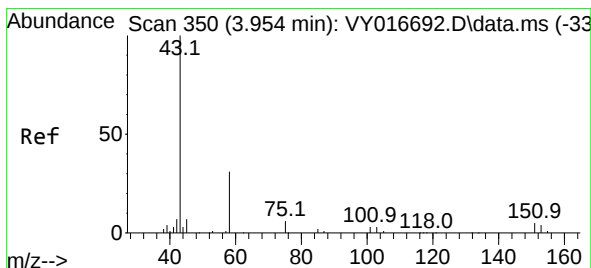
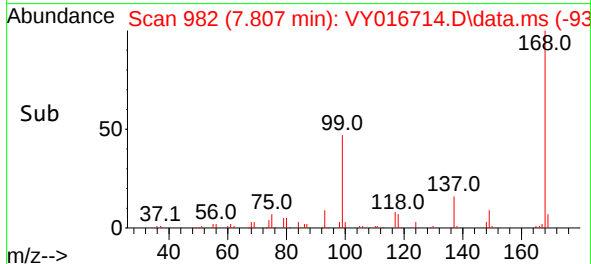
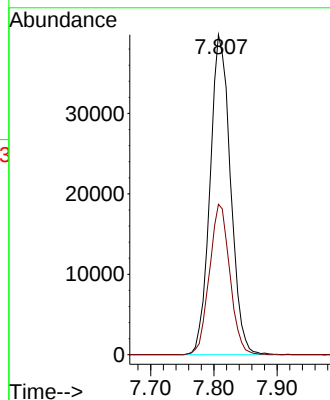
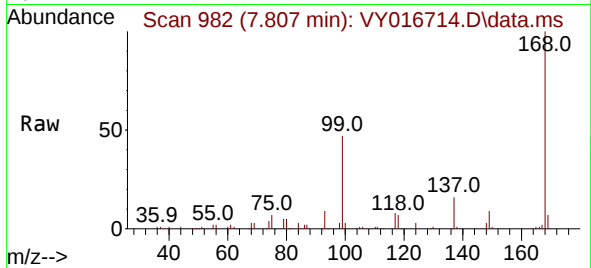




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

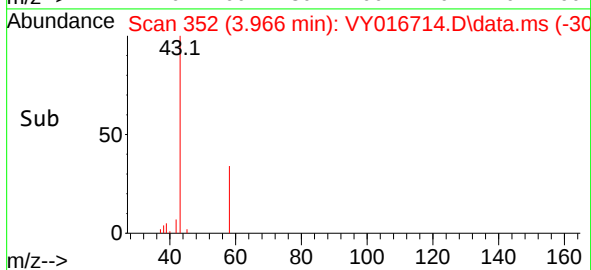
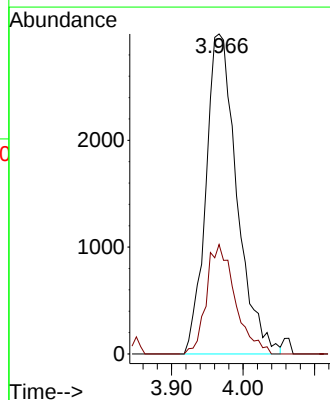
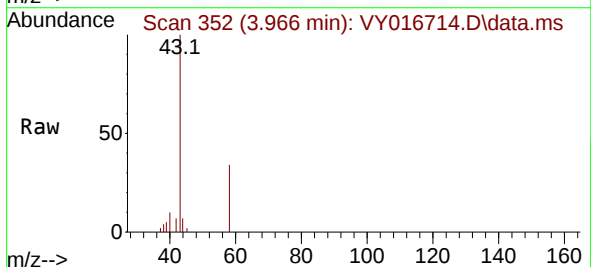
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-08-13.5-14.5

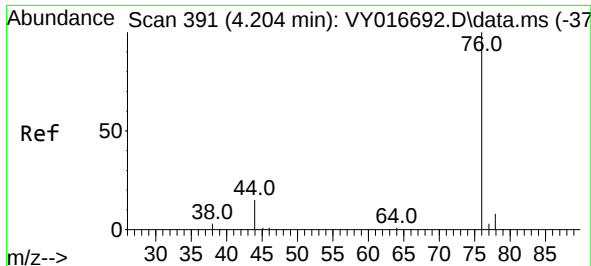
Tgt Ion:168 Resp: 89445
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4



#16
Acetone
Concen: 24.505 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

Tgt Ion: 43 Resp: 9027
Ion Ratio Lower Upper
43 100
58 34.2 29.0 43.4

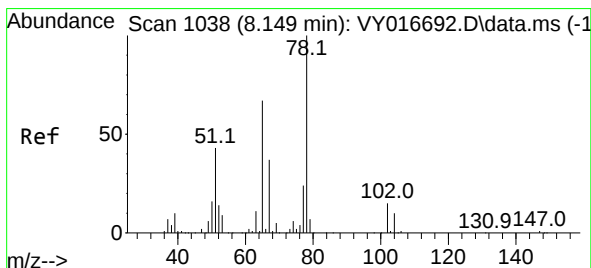
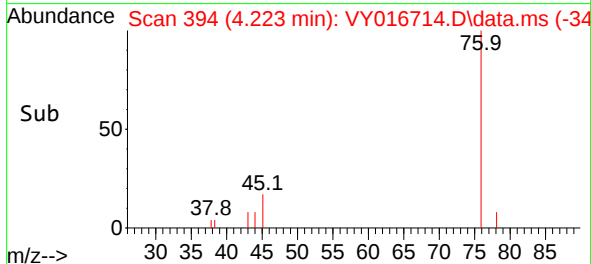
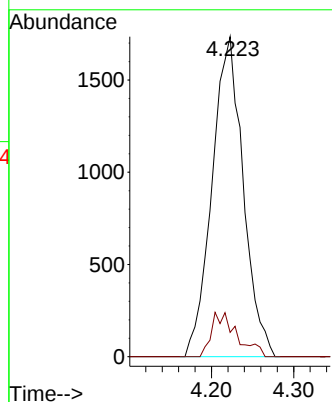
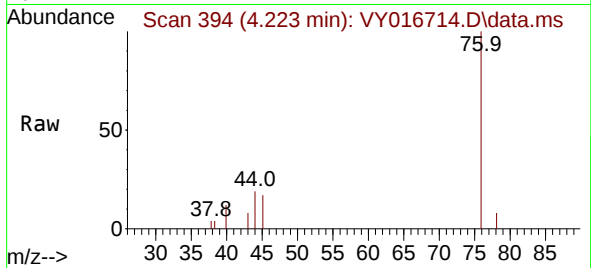




#17
Carbon Disulfide
Concen: 2.291 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

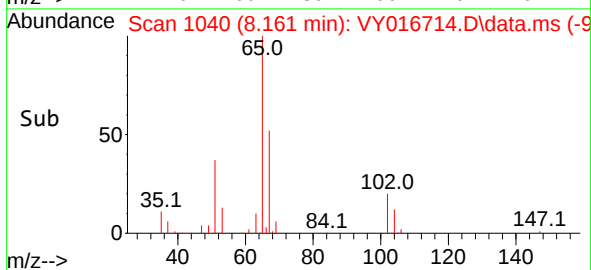
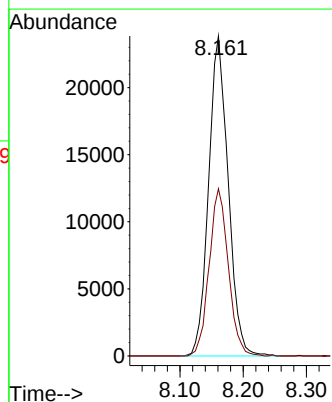
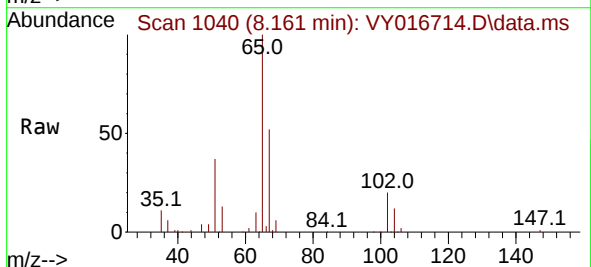
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-08-13.5-14.5

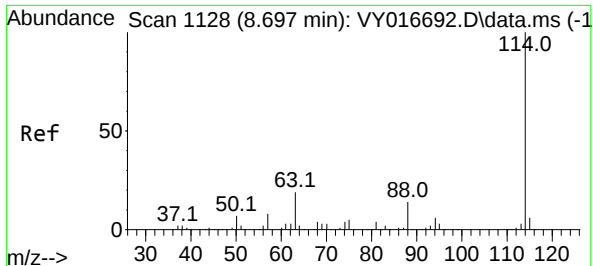
Tgt Ion: 76 Resp: 4569
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 69.337 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

Tgt Ion: 65 Resp: 51298
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY016714.D

Acq: 19 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-08-13.5-14.5

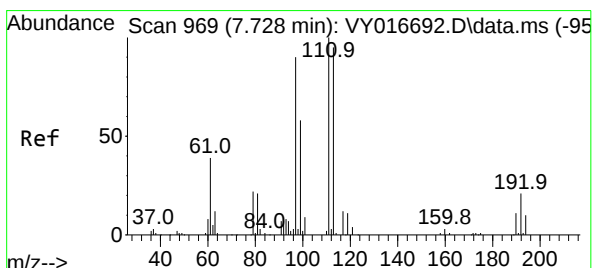
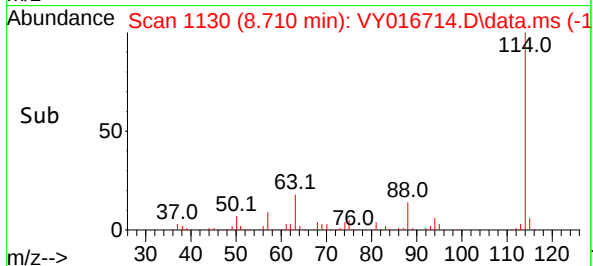
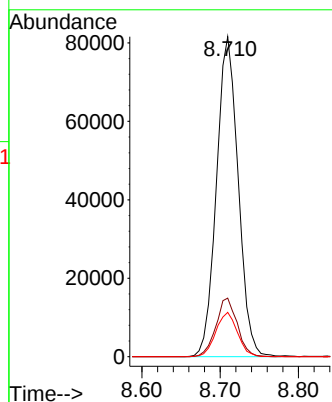
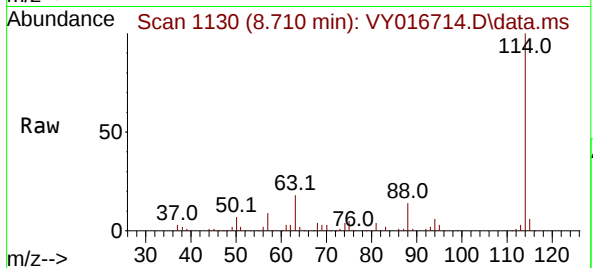
Tgt Ion:114 Resp: 157417

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 60.384 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016714.D

Acq: 19 Dec 2023 23:34

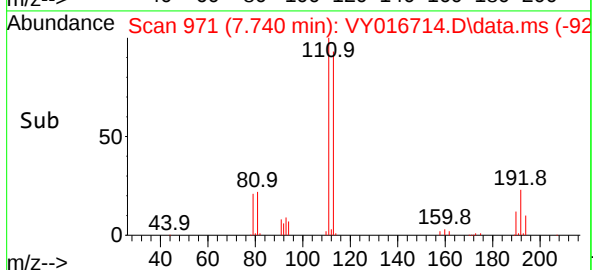
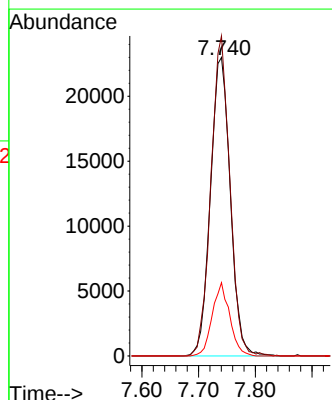
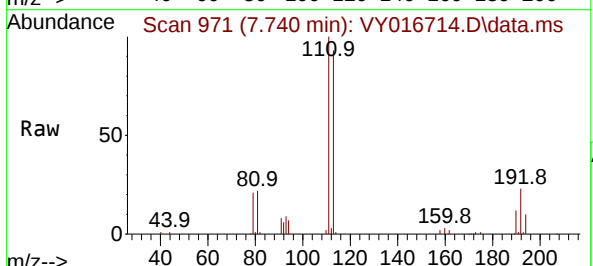
Tgt Ion:113 Resp: 55984

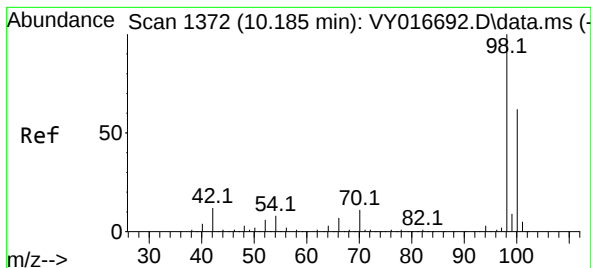
Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 21.6 16.2 24.4





#50

Toluene-d8

Concen: 57.033 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016714.D

Acq: 19 Dec 2023 23:34

Instrument :

MSVOA_Y

ClientSampleId :

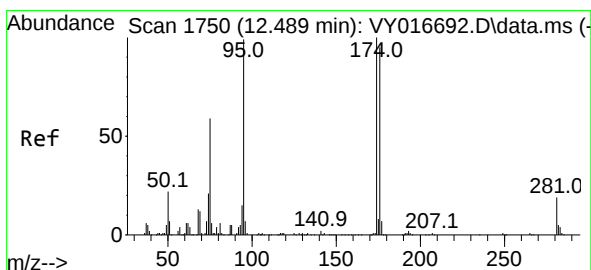
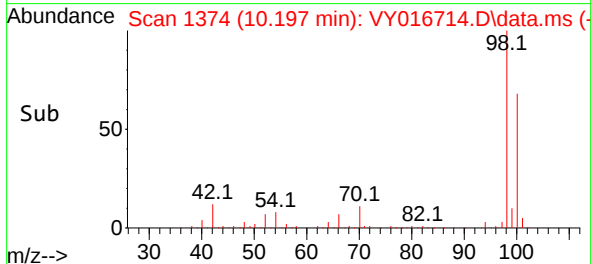
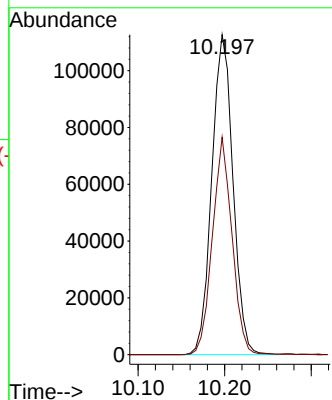
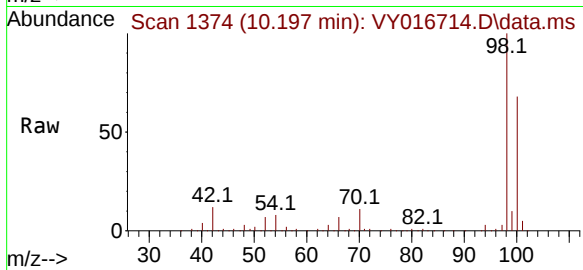
RT-SB-08-13.5-14.5

Tgt Ion: 98 Resp: 191498

Ion Ratio Lower Upper

98 100

100 63.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.209 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016714.D

Acq: 19 Dec 2023 23:34

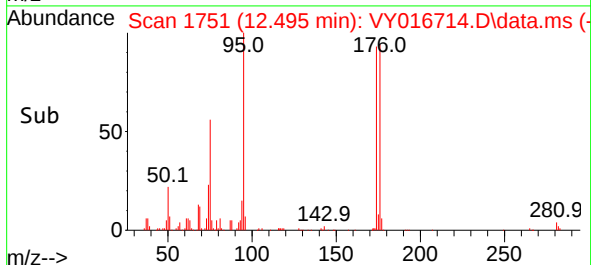
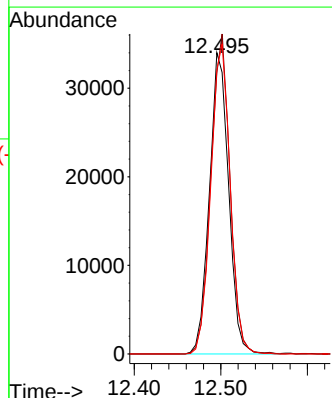
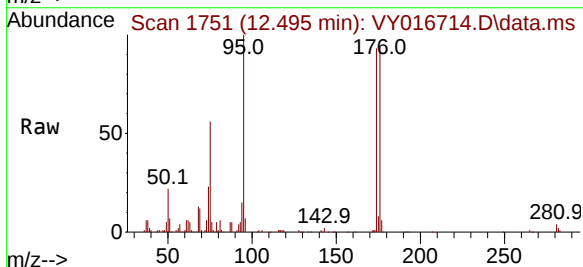
Tgt Ion: 95 Resp: 52708

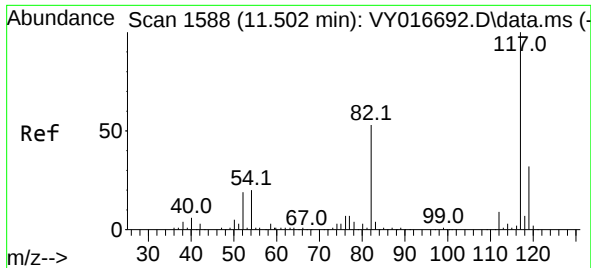
Ion Ratio Lower Upper

95 100

174 105.3 0.0 181.0

176 102.9 0.0 176.6

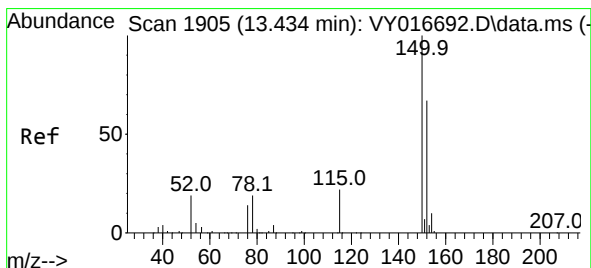
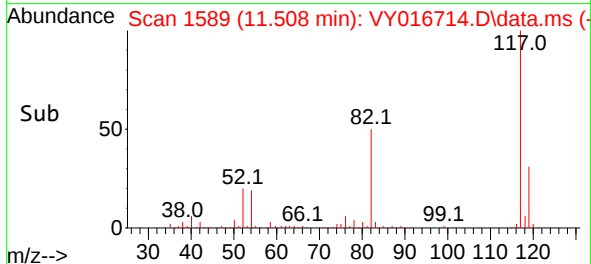
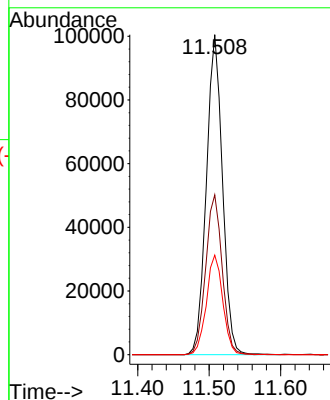
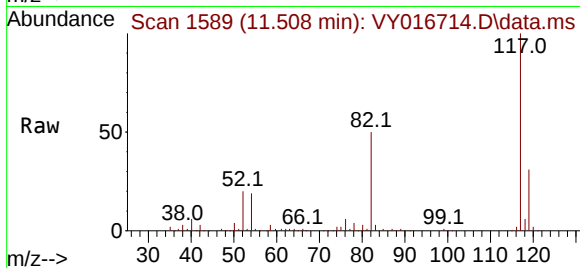




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-08-13.5-14.5

Tgt Ion:117 Resp: 157233
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 31.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016714.D
Acq: 19 Dec 2023 23:34

Tgt Ion:152 Resp: 65049
Ion Ratio Lower Upper
152 100
115 51.1 28.2 84.7
150 152.2 0.0 350.6

