

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016706.D
 Acq On : 19 Dec 2023 20:26
 Operator : SY/MD
 Sample : 05796-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-13-14

Quant Time: Dec 20 06:39:23 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)

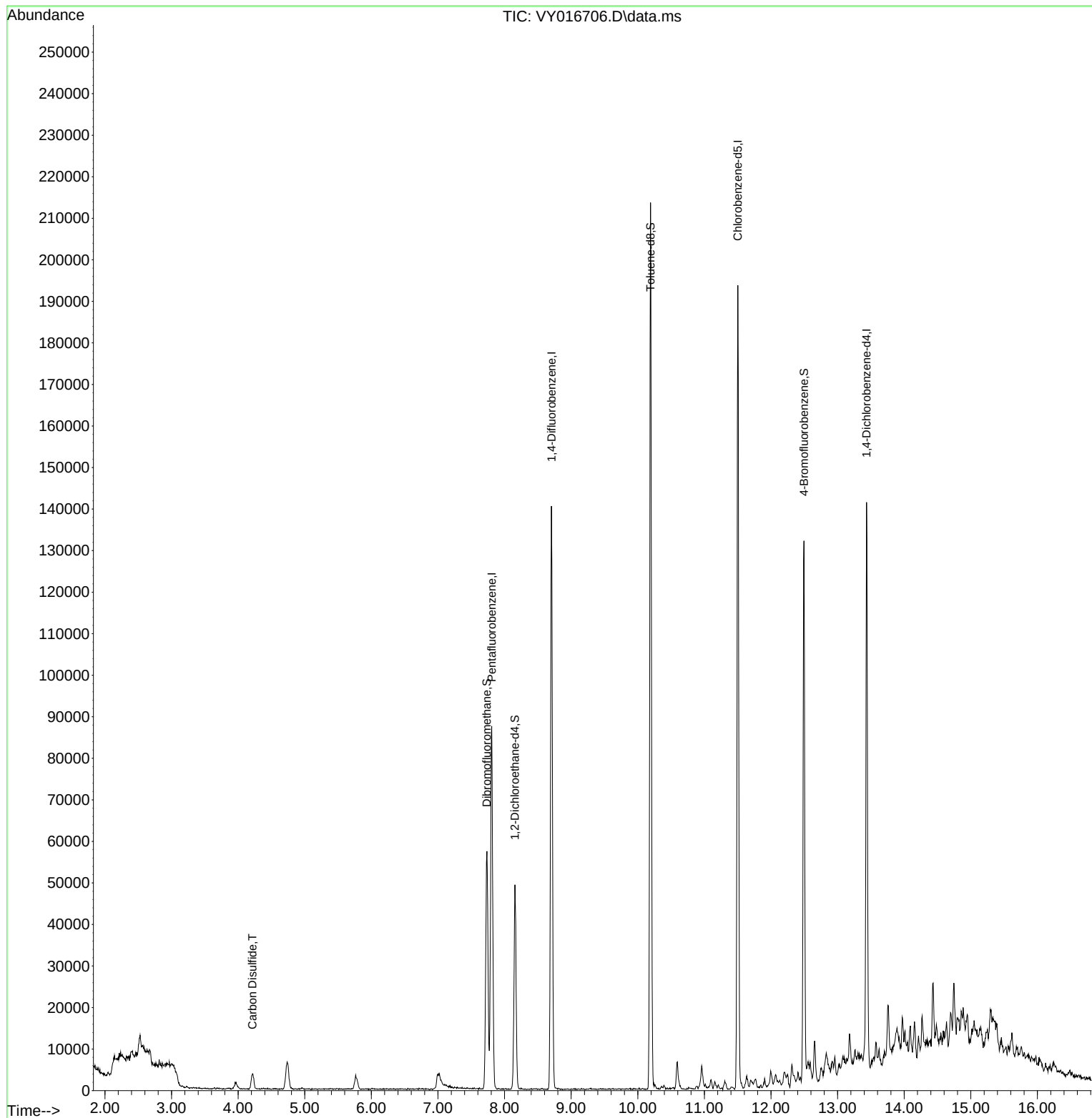
Internal Standards						
1) Pentafluorobenzene	7.807	168	71321	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	120019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	103241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	35310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	37009	62.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.480%
35) Dibromofluoromethane	7.734	113	40455	57.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.460%
50) Toluene-d8	10.191	98	139571	54.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.495	95	34625	47.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.140%
Target Compounds						
17) Carbon Disulfide	4.216	76	6927	4.357	ug/l	Qvalue # 95

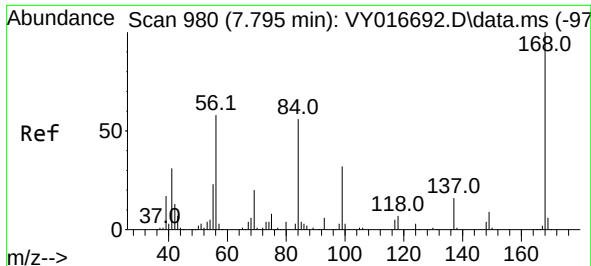
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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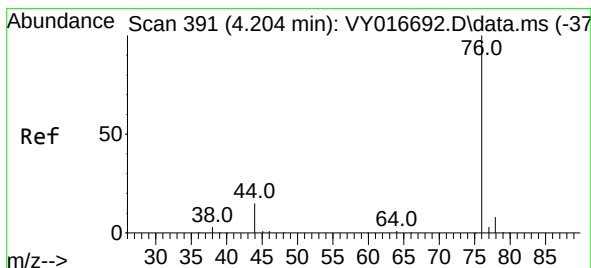
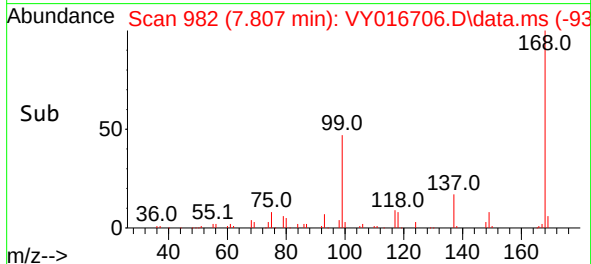
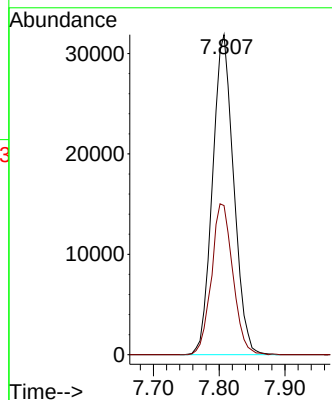
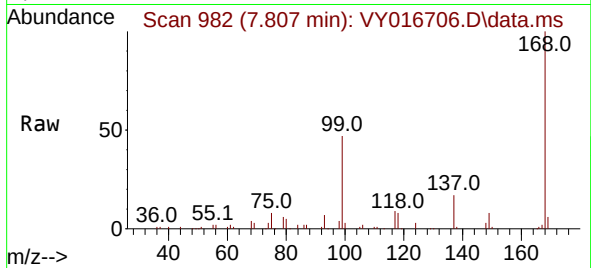




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016706.D
Acq: 19 Dec 2023 20:26

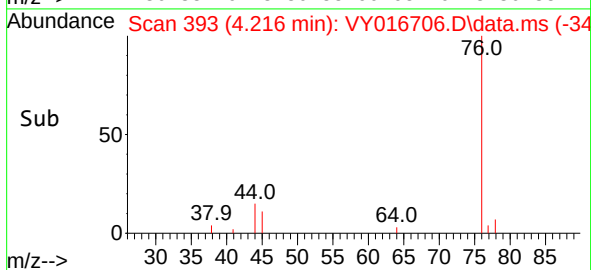
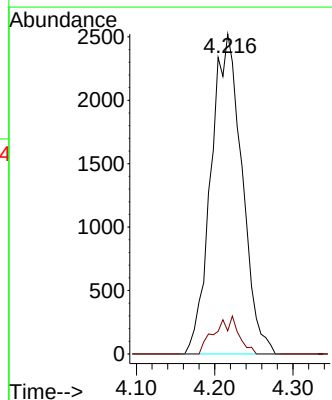
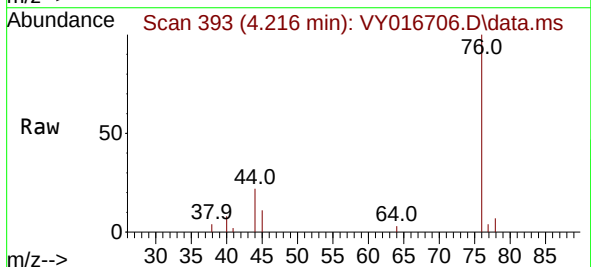
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-13-14

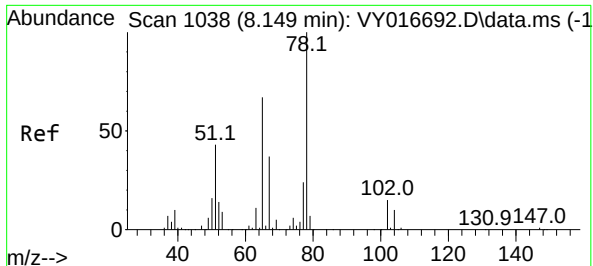
Tgt Ion:168 Resp: 71321
Ion Ratio Lower Upper
168 100
99 46.6 40.2 60.4



#17
Carbon Disulfide
Concen: 4.357 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY016706.D
Acq: 19 Dec 2023 20:26

Tgt Ion: 76 Resp: 6927
Ion Ratio Lower Upper
76 100
78 7.2 7.3 10.9#





#33

1,2-Dichloroethane-d4

Concen: 62.735 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY016706.D

Acq: 19 Dec 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

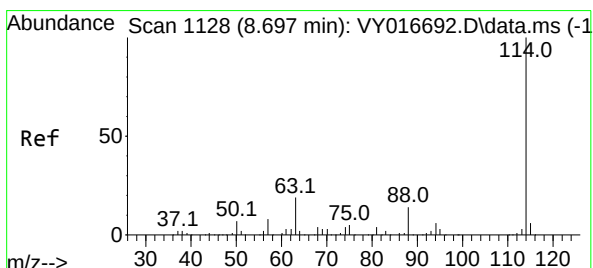
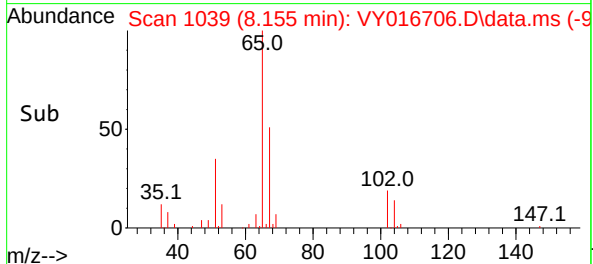
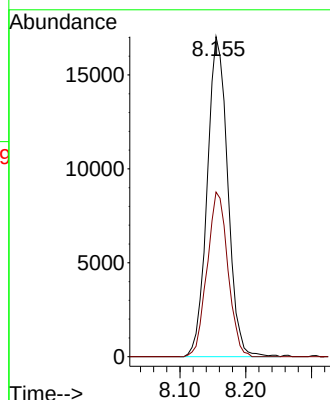
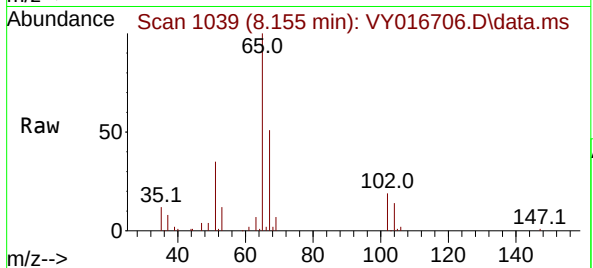
RT-SB-04-13-14

Tgt Ion: 65 Resp: 37009

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016706.D

Acq: 19 Dec 2023 20:26

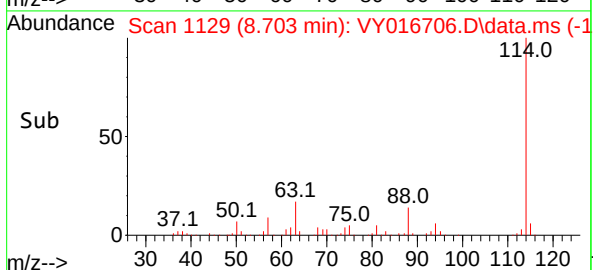
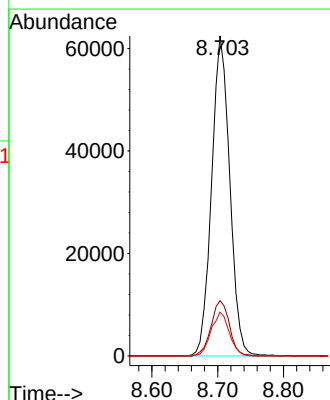
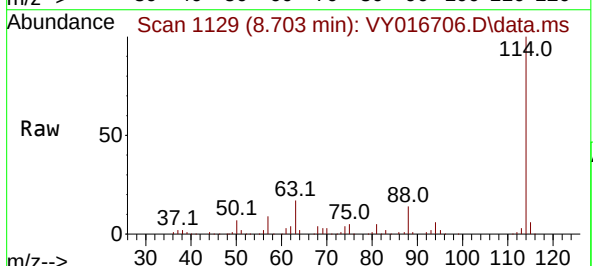
Tgt Ion: 114 Resp: 120019

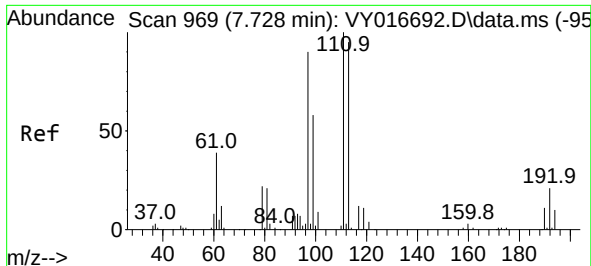
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 13.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 57.231 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016706.D

Acq: 19 Dec 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-13-14

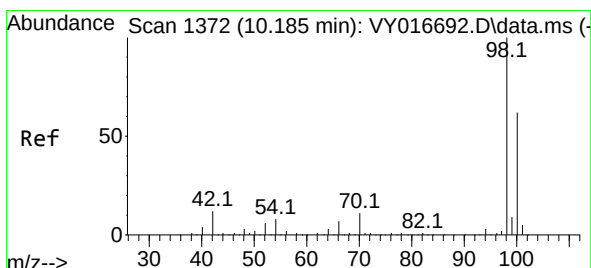
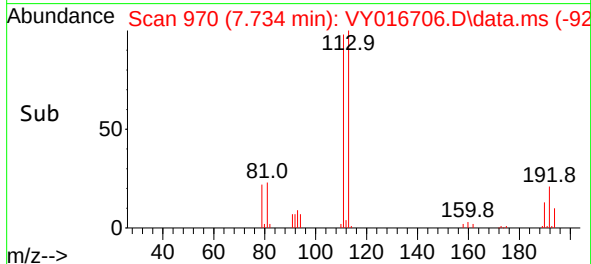
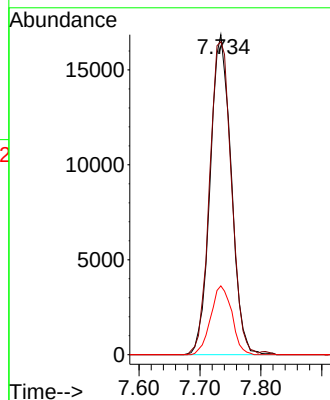
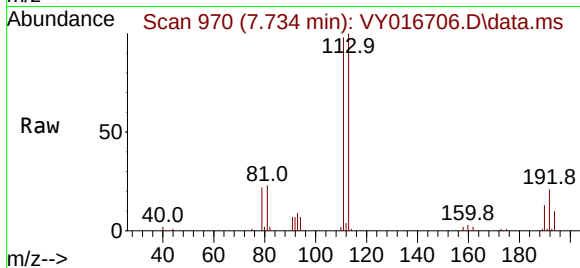
Tgt Ion:113 Resp: 40455

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 21.6 16.2 24.4



#50

Toluene-d8

Concen: 54.520 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016706.D

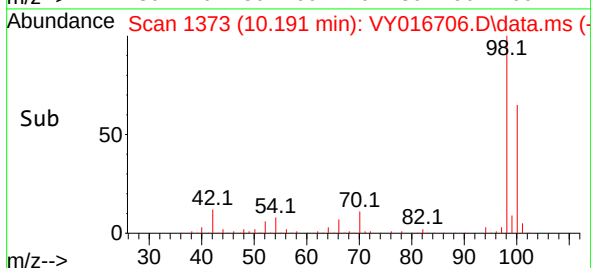
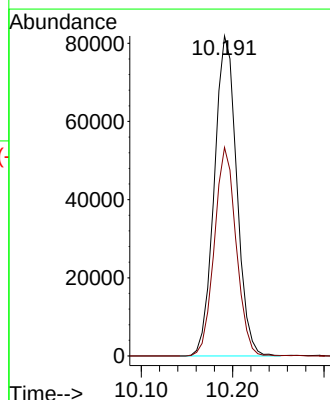
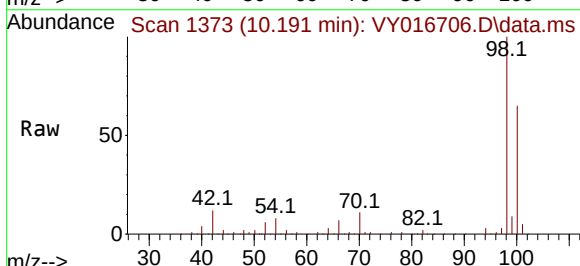
Acq: 19 Dec 2023 20:26

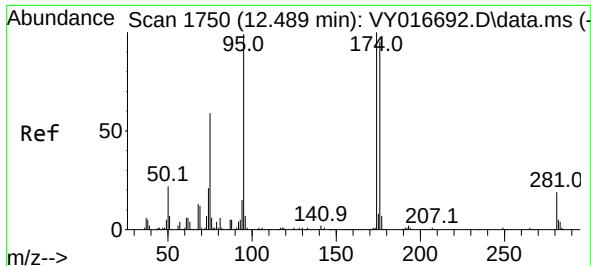
Tgt Ion: 98 Resp: 139571

Ion Ratio Lower Upper

98 100

100 63.3 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.569 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016706.D

Acq: 19 Dec 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-13-14

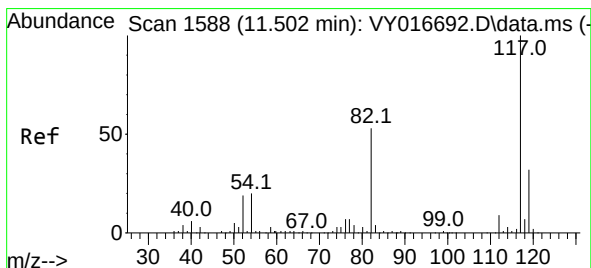
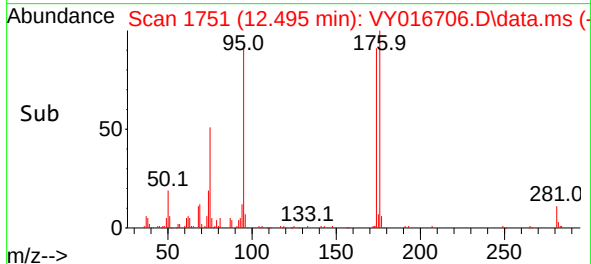
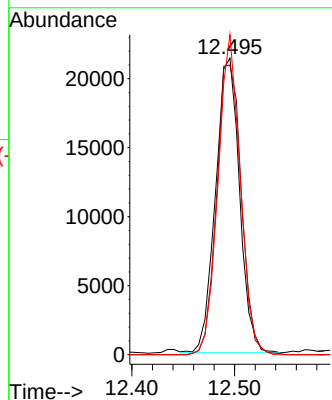
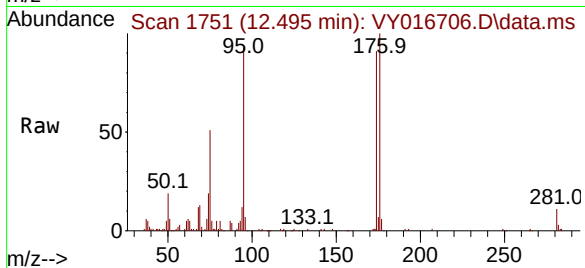
Tgt Ion: 95 Resp: 34625

Ion Ratio Lower Upper

95 100

174 101.8 0.0 181.0

176 100.2 0.0 176.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.000 min

Lab File: VY016706.D

Acq: 19 Dec 2023 20:26

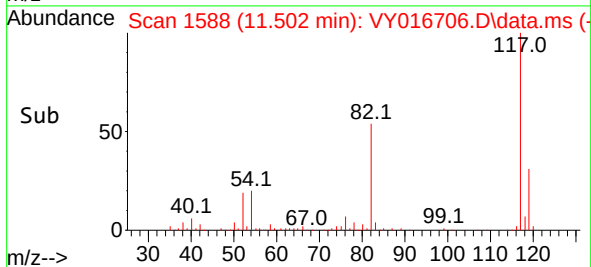
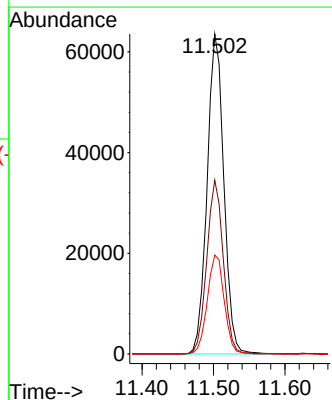
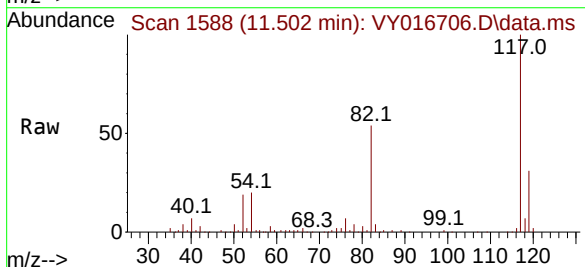
Tgt Ion: 117 Resp: 103241

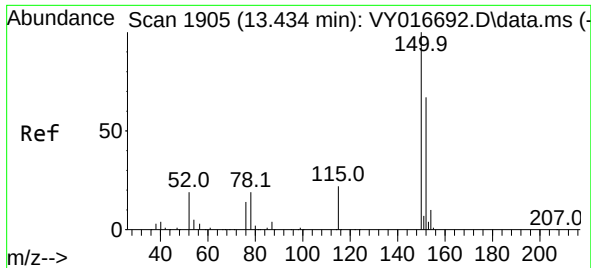
Ion Ratio Lower Upper

117 100

82 54.3 41.0 61.6

119 30.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016706.D

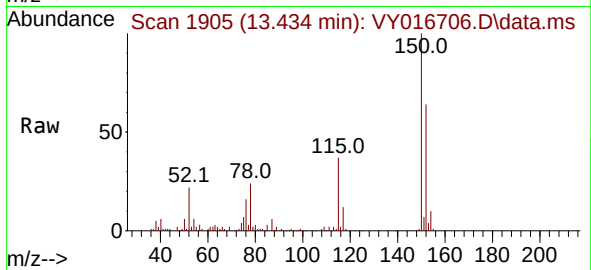
Acq: 19 Dec 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-13-14



Tgt Ion:152 Resp: 35310

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 156.2 0.0 350.6

