

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016707.D
 Acq On : 19 Dec 2023 20:50
 Operator : SY/MD
 Sample : 05796-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 20 06:39:45 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)

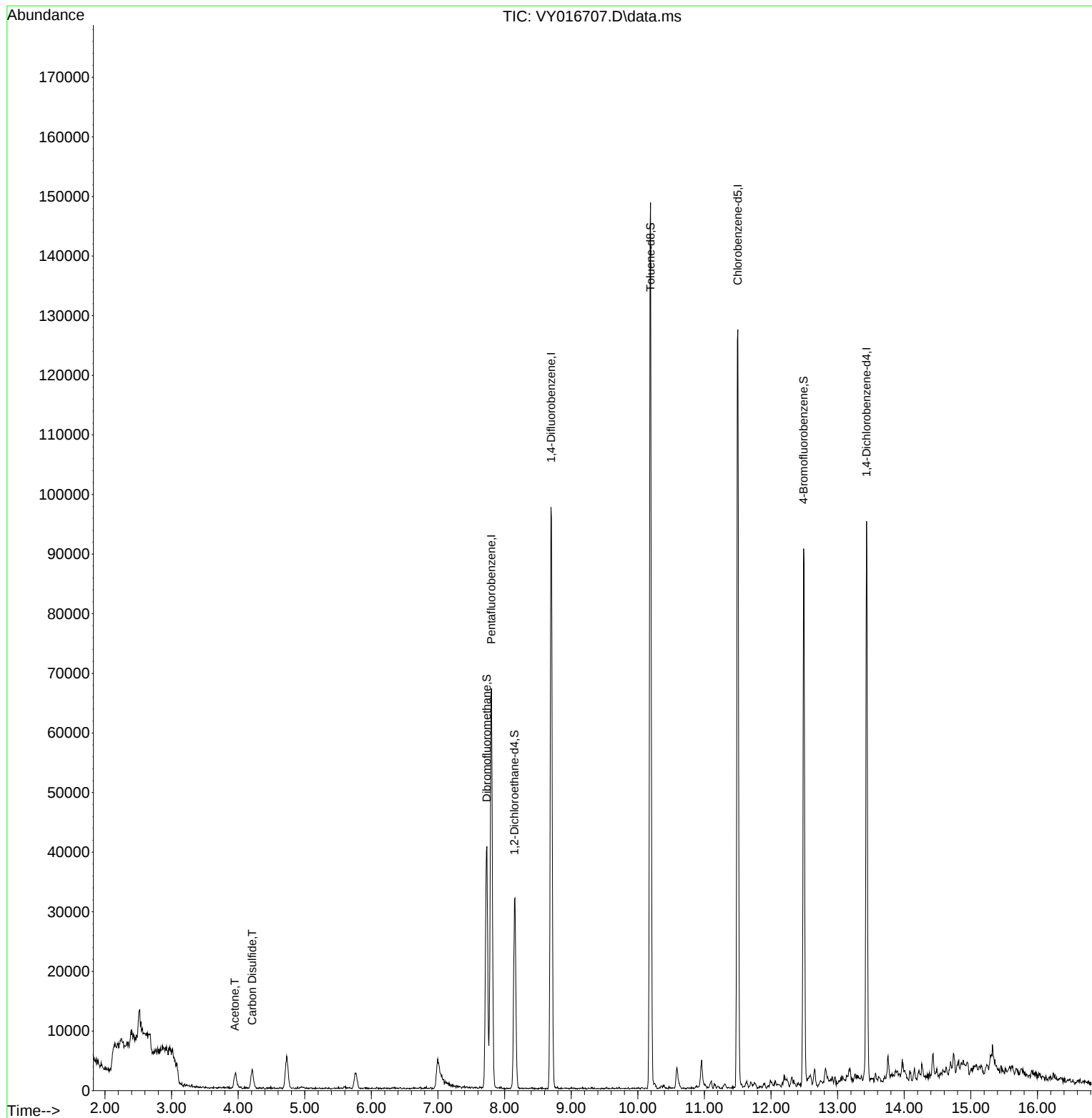
Internal Standards						
1) Pentafluorobenzene	7.801	168	55514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	71790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25963	56.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.734	113	29102	57.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.100%
50) Toluene-d8	10.191	98	99620	54.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.489	95	23064	44.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.580%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	4688	12.611	ug/l #	81
17) Carbon Disulfide	4.210	76	5432	4.389	ug/l #	81

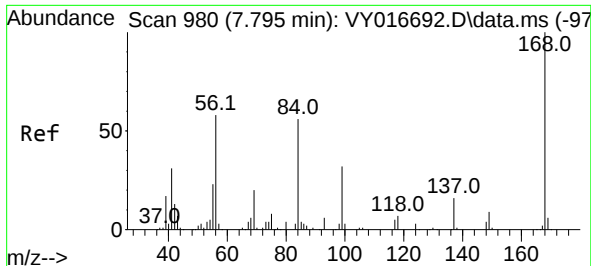
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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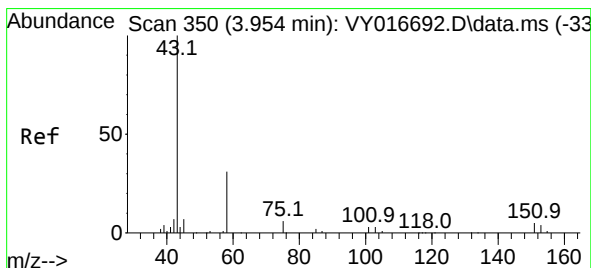
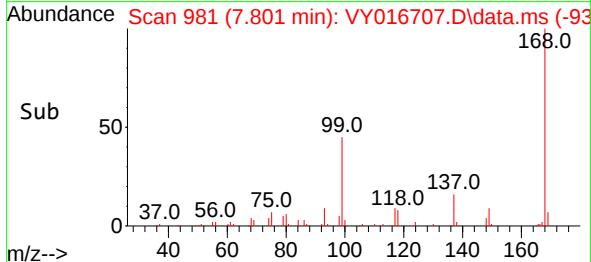
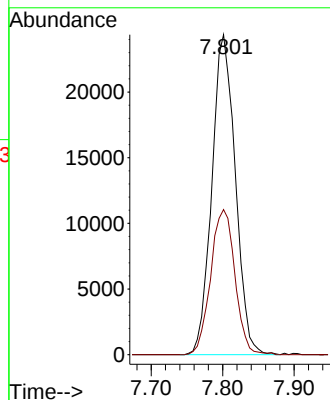
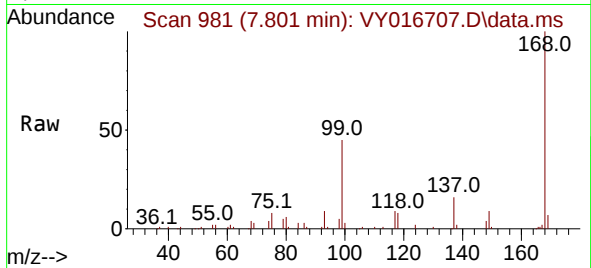




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016707.D
Acq: 19 Dec 2023 20:50

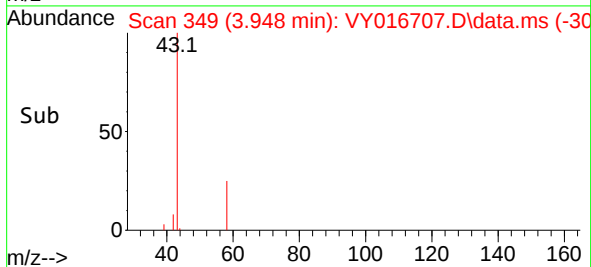
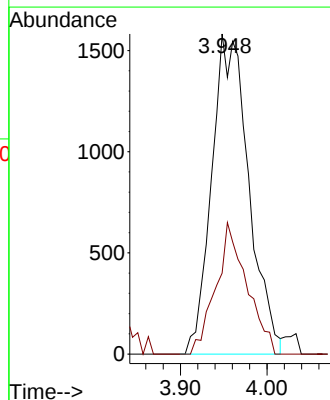
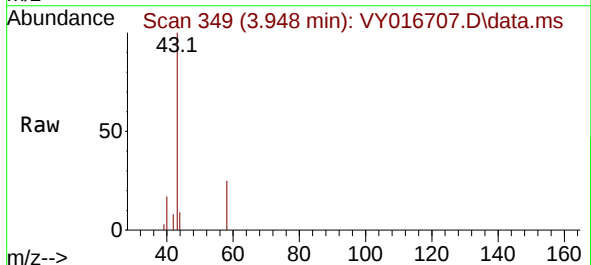
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-13-14MS

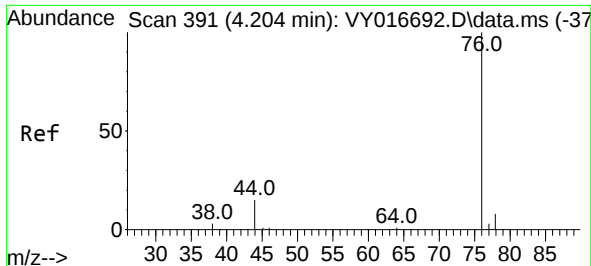
Tgt Ion:168 Resp: 55514
Ion Ratio Lower Upper
168 100
99 45.3 40.2 60.4



#16
Acetone
Concen: 12.611 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016707.D
Acq: 19 Dec 2023 20:50

Tgt Ion: 43 Resp: 4688
Ion Ratio Lower Upper
43 100
58 25.3 29.0 43.4#

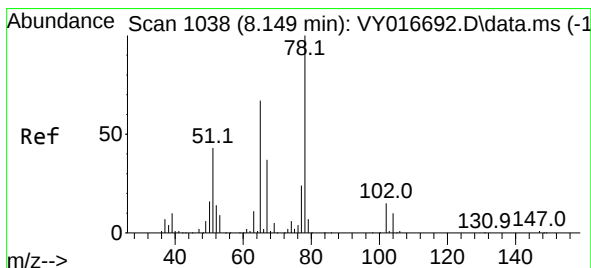
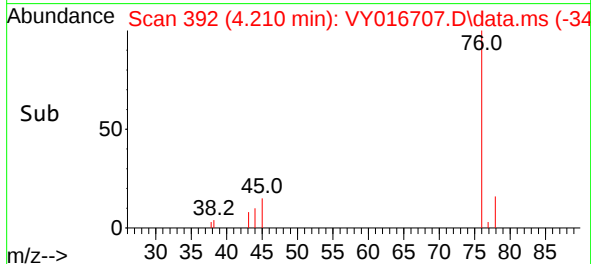
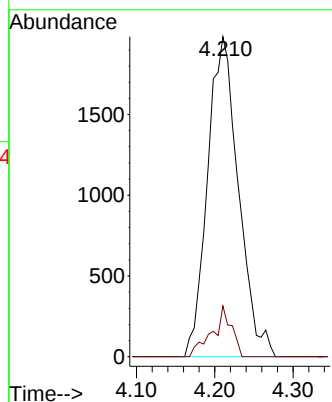
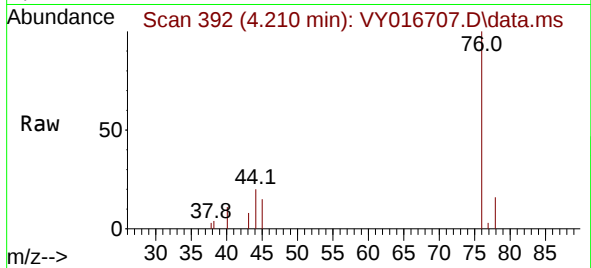




#17
Carbon Disulfide
Concen: 4.389 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016707.D
Acq: 19 Dec 2023 20:50

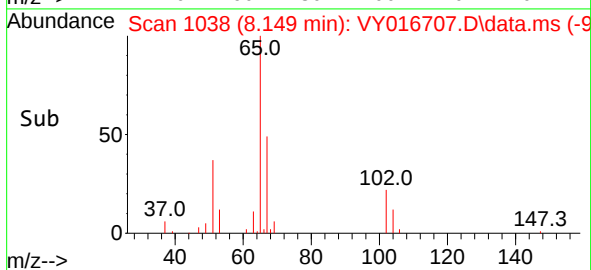
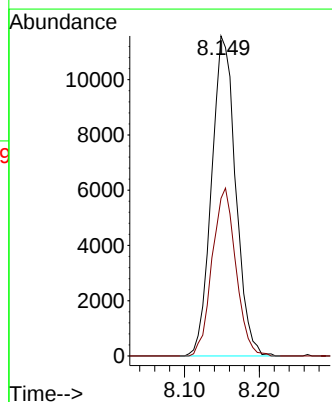
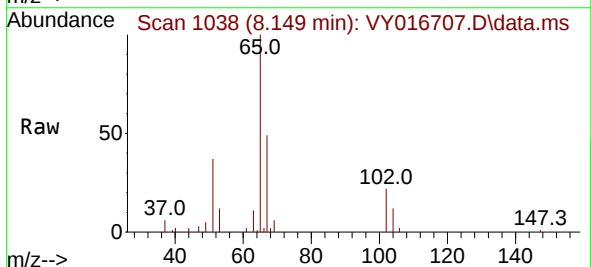
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-13-14MS

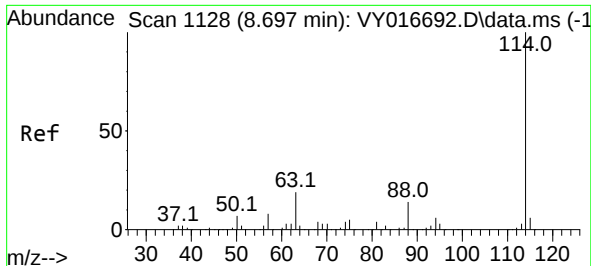
Tgt Ion: 76 Resp: 5432
Ion Ratio Lower Upper
76 100
78 15.9 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 56.543 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016707.D
Acq: 19 Dec 2023 20:50

Tgt Ion: 65 Resp: 25963
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016707.D

Acq: 19 Dec 2023 20:50

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-13-14MS

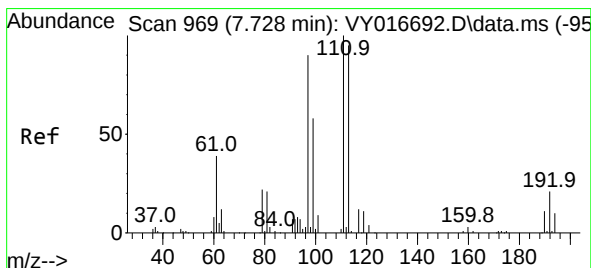
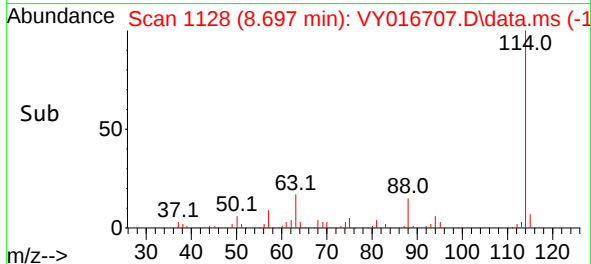
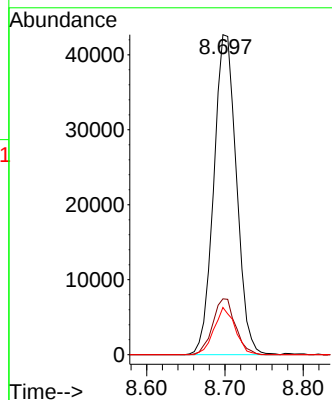
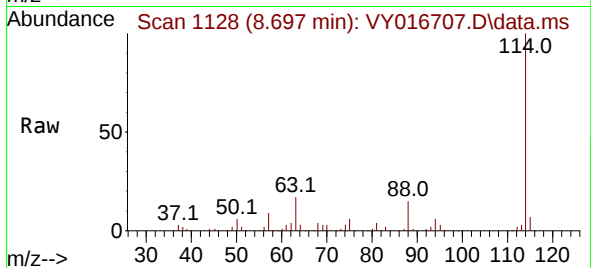
Tgt Ion:114 Resp: 85858

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 14.8 0.0 29.2



#35

Dibromofluoromethane

Concen: 57.551 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016707.D

Acq: 19 Dec 2023 20:50

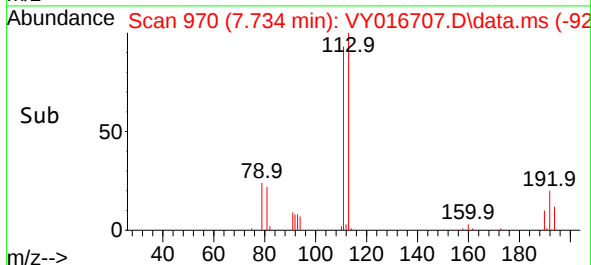
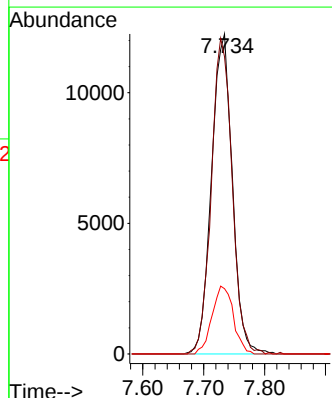
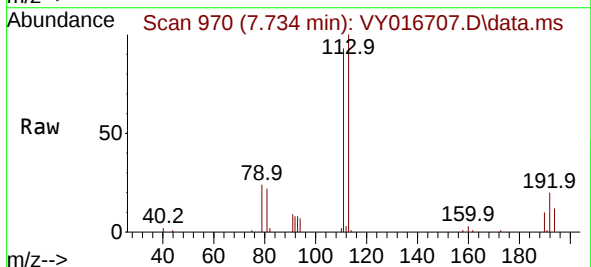
Tgt Ion:113 Resp: 29102

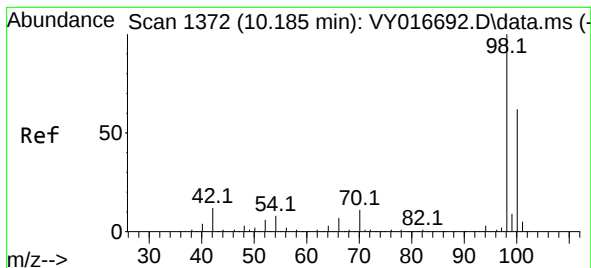
Ion Ratio Lower Upper

113 100

111 98.4 81.9 122.9

192 21.7 16.2 24.4





#50

Toluene-d8

Concen: 54.397 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016707.D

Acq: 19 Dec 2023 20:50

Instrument :

MSVOA_Y

ClientSampleId :

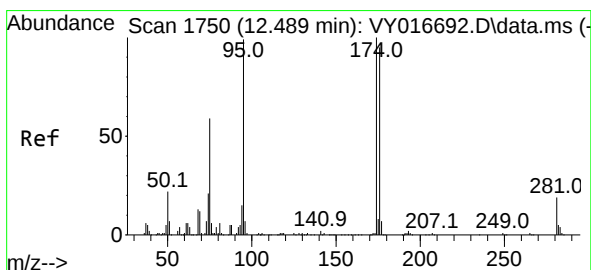
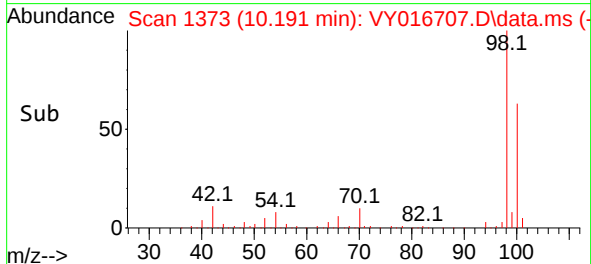
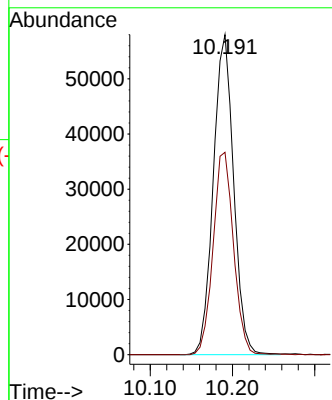
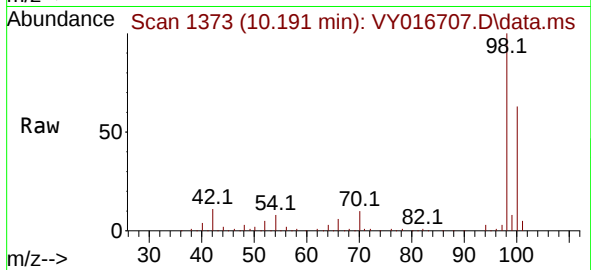
RT-SB-04-13-14MS

Tgt Ion: 98 Resp: 99620

Ion Ratio Lower Upper

98 100

100 63.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.294 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016707.D

Acq: 19 Dec 2023 20:50

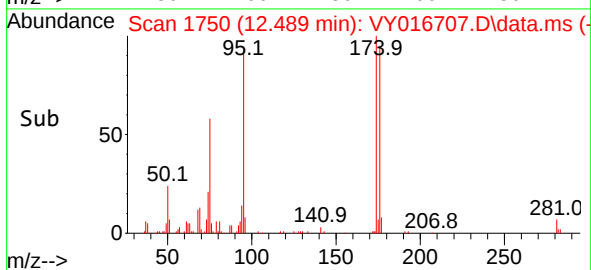
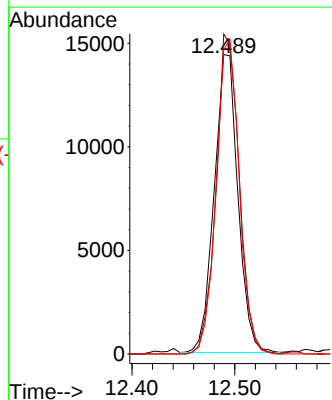
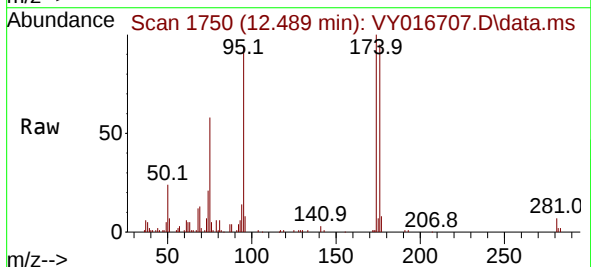
Tgt Ion: 95 Resp: 23064

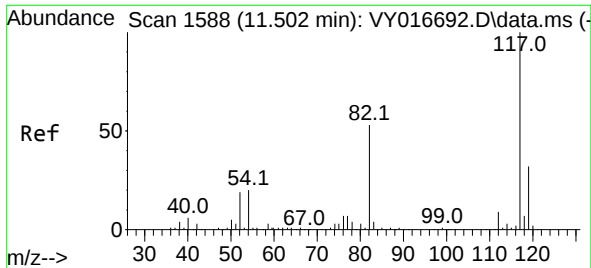
Ion Ratio Lower Upper

95 100

174 104.8 0.0 181.0

176 102.7 0.0 176.6

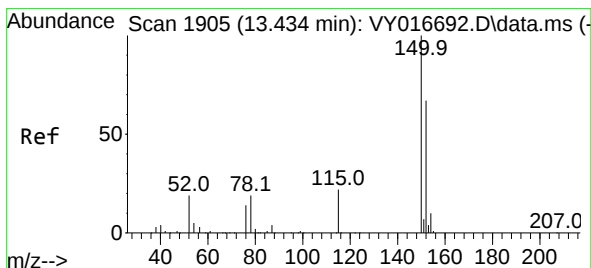
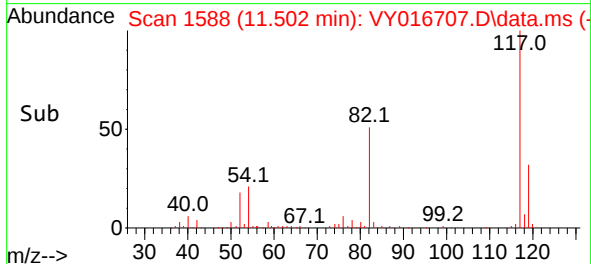
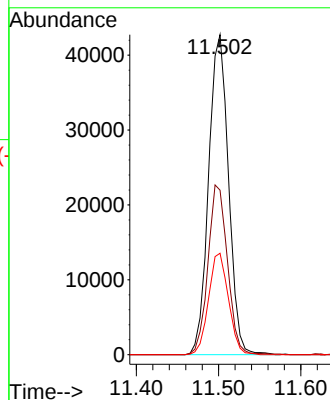
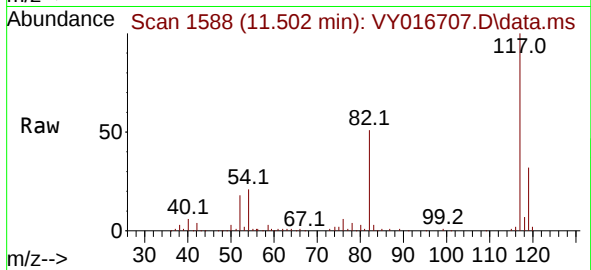




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016707.D
Acq: 19 Dec 2023 20:50

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

Tgt Ion:	117	Resp:	71790
Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	31.7	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: VY016707.D
Acq: 19 Dec 2023 20:50

Tgt Ion:	152	Resp:	24701
Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.2	84.7
150	158.7	0.0	350.6

