

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016708.D
 Acq On : 19 Dec 2023 21:13
 Operator : SY/MD
 Sample : 05796-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 20 06:40:06 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)

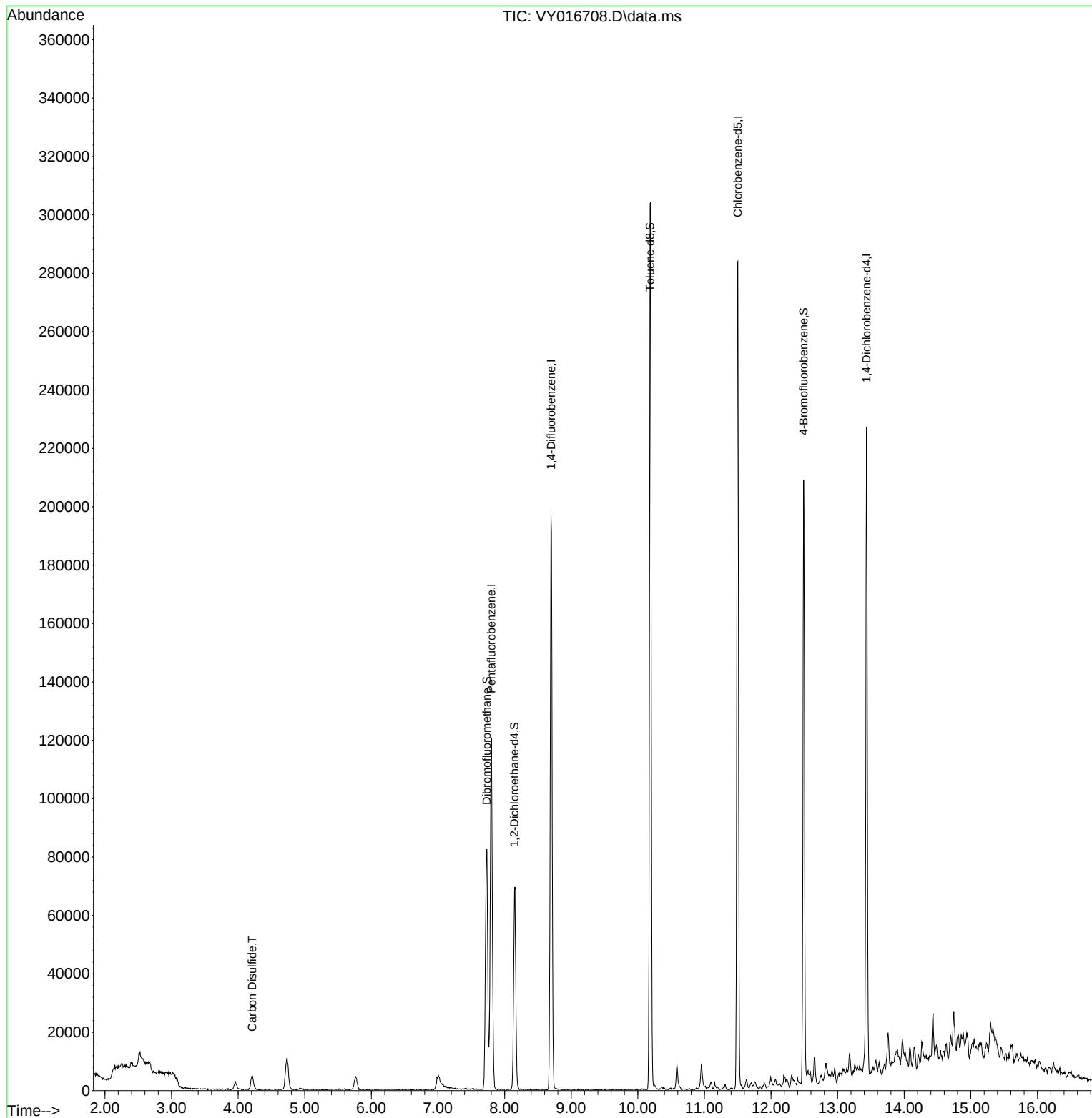
Internal Standards						
1) Pentafluorobenzene	7.801	168	96626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	158327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	57192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	52681	65.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.820%	
35) Dibromofluoromethane	7.734	113	58487	58.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.220%	
50) Toluene-d8	10.185	98	202699	55.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.489	95	53389	51.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.040%	
Target Compounds						
17) Carbon Disulfide	4.210	76	8998	4.177	ug/l	Qvalue 100

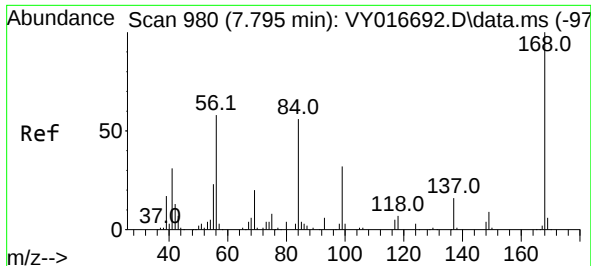
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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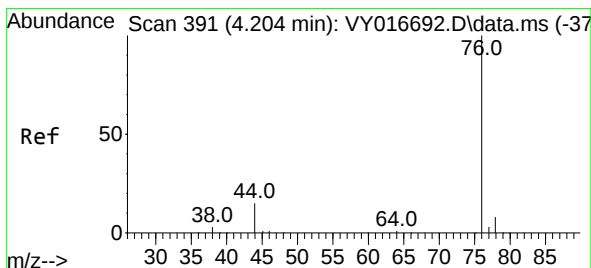
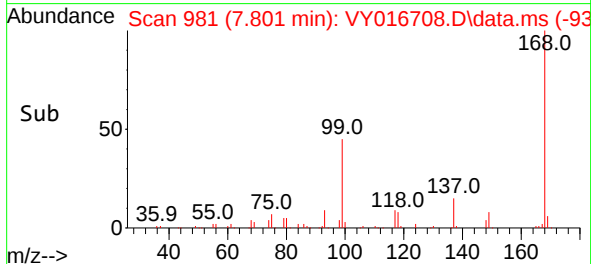
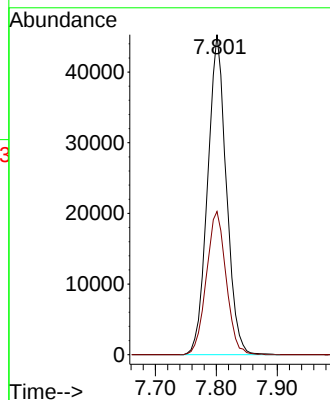
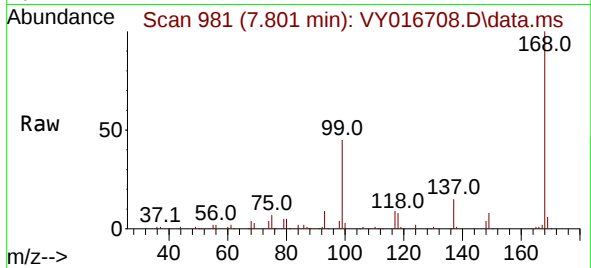




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016708.D
Acq: 19 Dec 2023 21:13

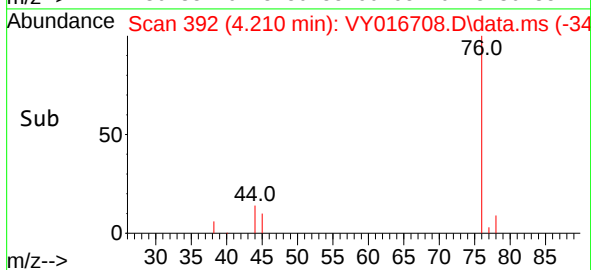
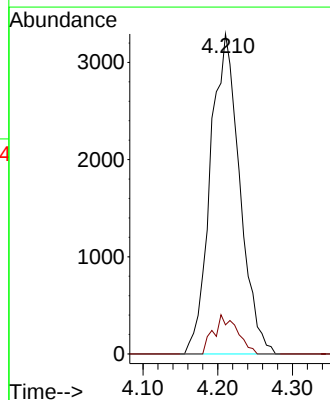
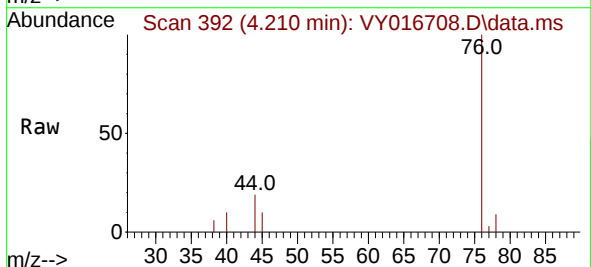
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-13-14MSD

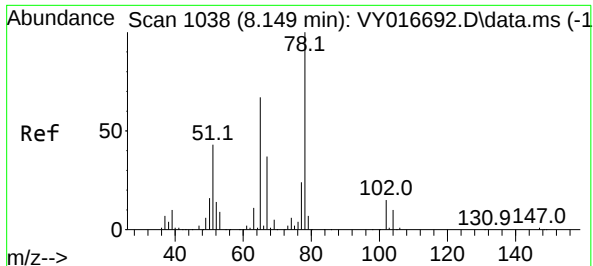
Tgt Ion:168 Resp: 96626
Ion Ratio Lower Upper
168 100
99 44.8 40.2 60.4



#17
Carbon Disulfide
Concen: 4.177 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016708.D
Acq: 19 Dec 2023 21:13

Tgt Ion: 76 Resp: 8998
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#33

1,2-Dichloroethane-d4

Concen: 65.915 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY016708.D

Acq: 19 Dec 2023 21:13

Instrument :

MSVOA_Y

ClientSampleId :

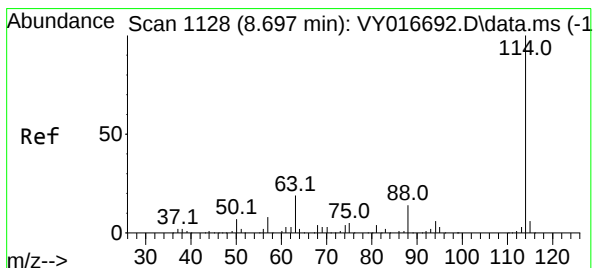
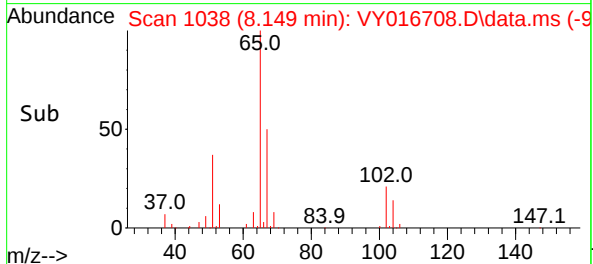
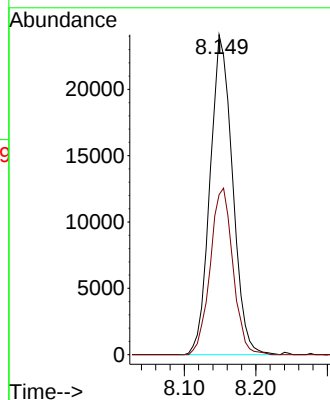
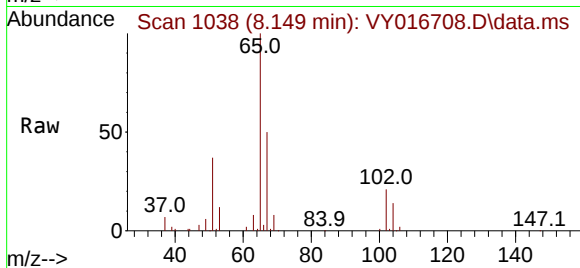
RT-SB-04-13-14MSD

Tgt Ion: 65 Resp: 52681

Ion Ratio Lower Upper

65 100

67 52.5 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: VY016708.D

Acq: 19 Dec 2023 21:13

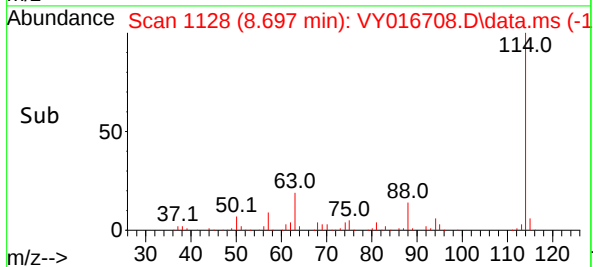
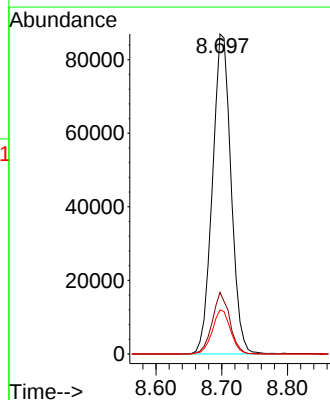
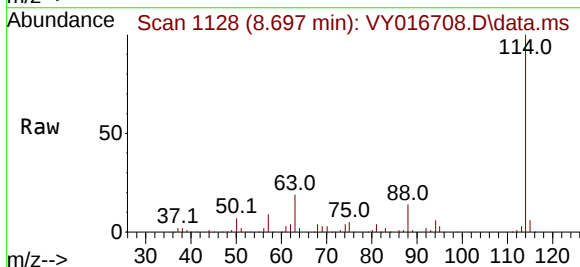
Tgt Ion: 114 Resp: 170878

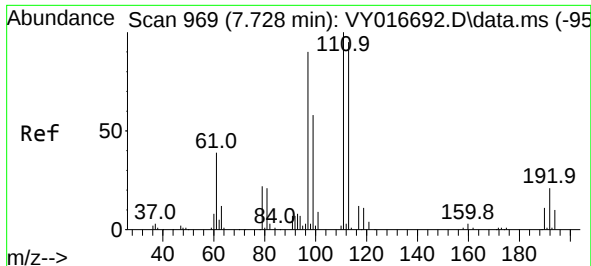
Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 13.7 0.0 29.2

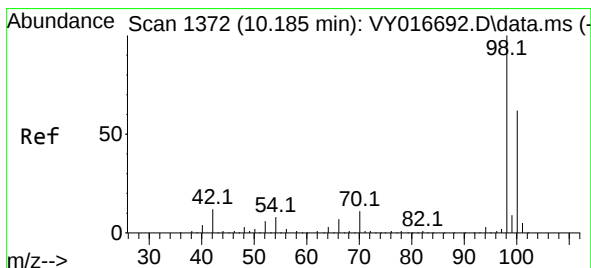
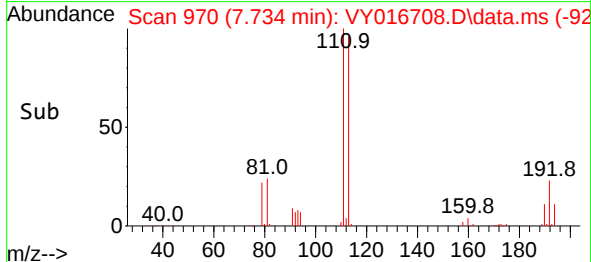
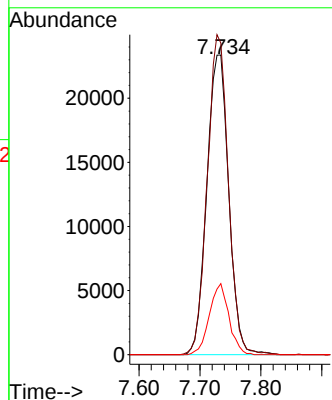
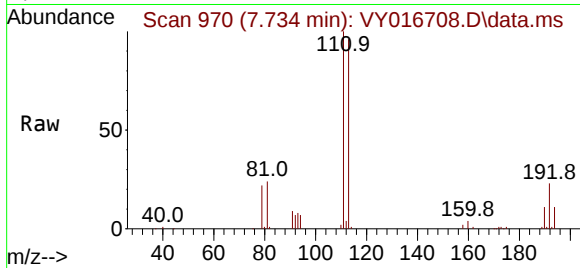




#35
 Dibromofluoromethane
 Concen: 58.115 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016708.D
 Acq: 19 Dec 2023 21:13

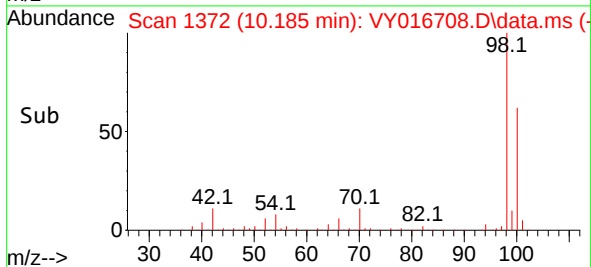
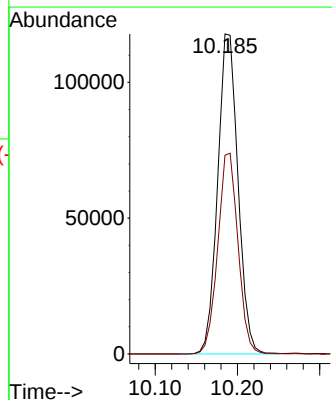
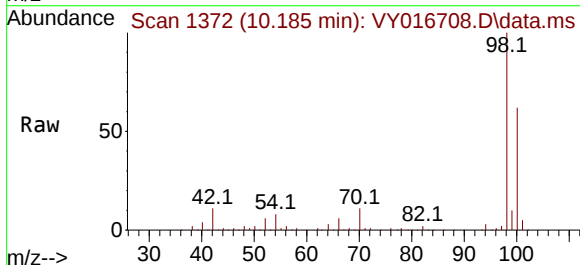
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-13-14MSD

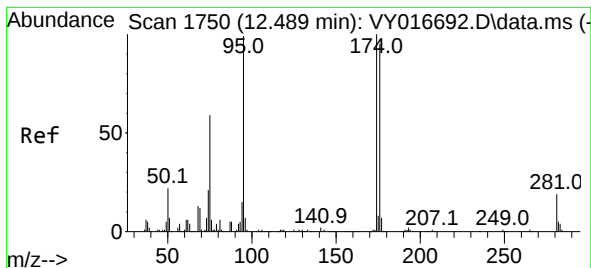
Tgt Ion:113 Resp: 58487
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 21.2 16.2 24.4



#50
 Toluene-d8
 Concen: 55.613 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY016708.D
 Acq: 19 Dec 2023 21:13

Tgt Ion: 98 Resp: 202699
 Ion Ratio Lower Upper
 98 100
 100 62.5 52.5 78.7

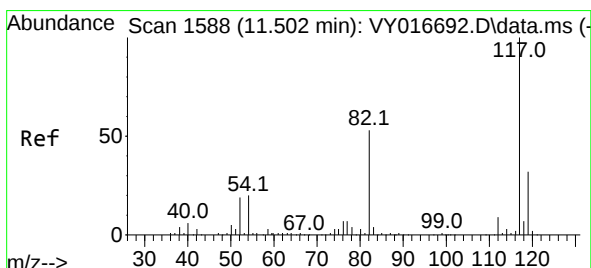
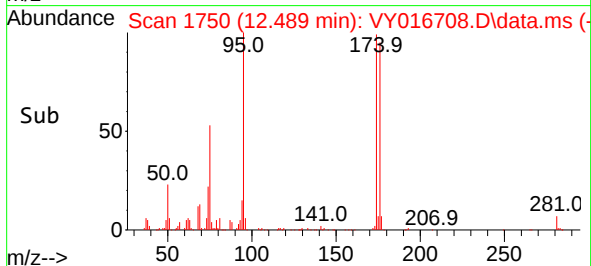
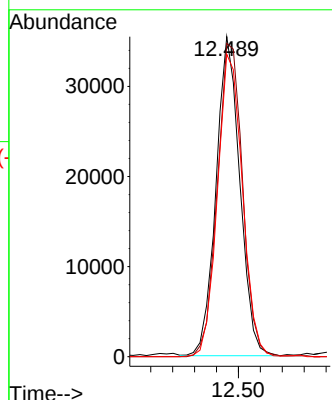
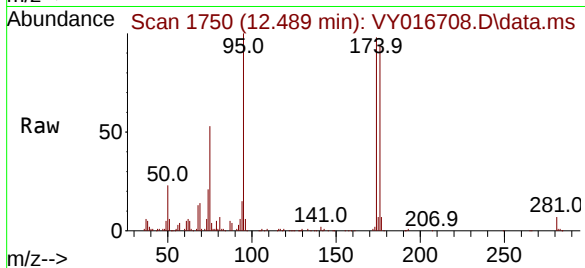




#62
4-Bromofluorobenzene
Concen: 51.517 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016708.D
Acq: 19 Dec 2023 21:13

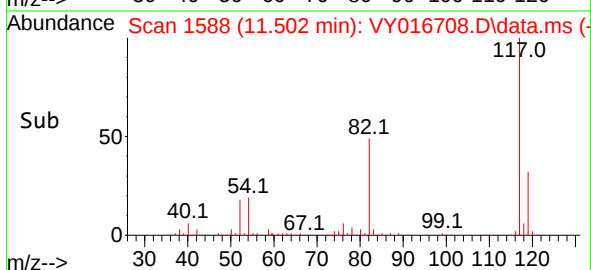
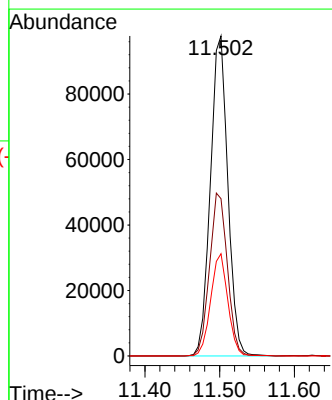
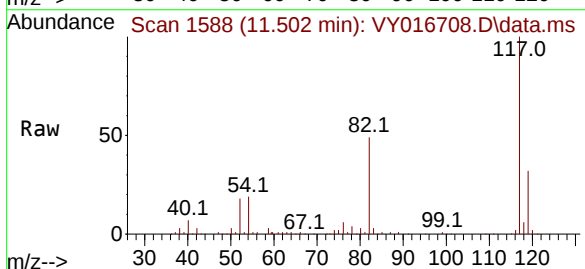
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-13-14MSD

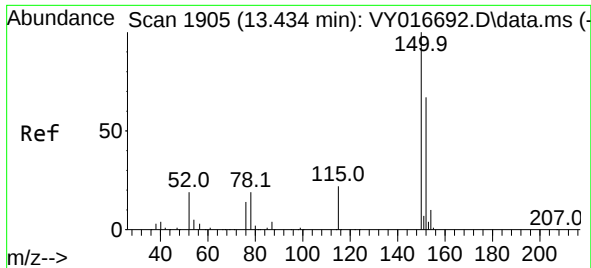
Tgt Ion:	95	Resp:	53389
Ion	Ratio	Lower	Upper
95	100		
174	104.1	0.0	181.0
176	99.6	0.0	176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016708.D
Acq: 19 Dec 2023 21:13

Tgt Ion:	117	Resp:	158327
Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.0	61.6
119	31.9	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: VY016708.D

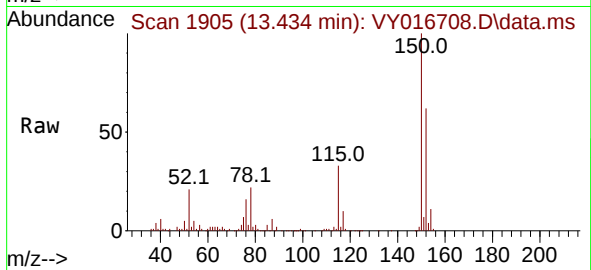
Acq: 19 Dec 2023 21:13

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-13-14MSD



Tgt Ion:152 Resp: 57192

Ion Ratio Lower Upper

152 100

115 53.3 28.2 84.7

150 157.6 0.0 350.6

