

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016703.D
 Acq On : 19 Dec 2023 19:16
 Operator : SY/MD
 Sample : 05796-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-10-11

Quant Time: Dec 20 06:38:16 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)

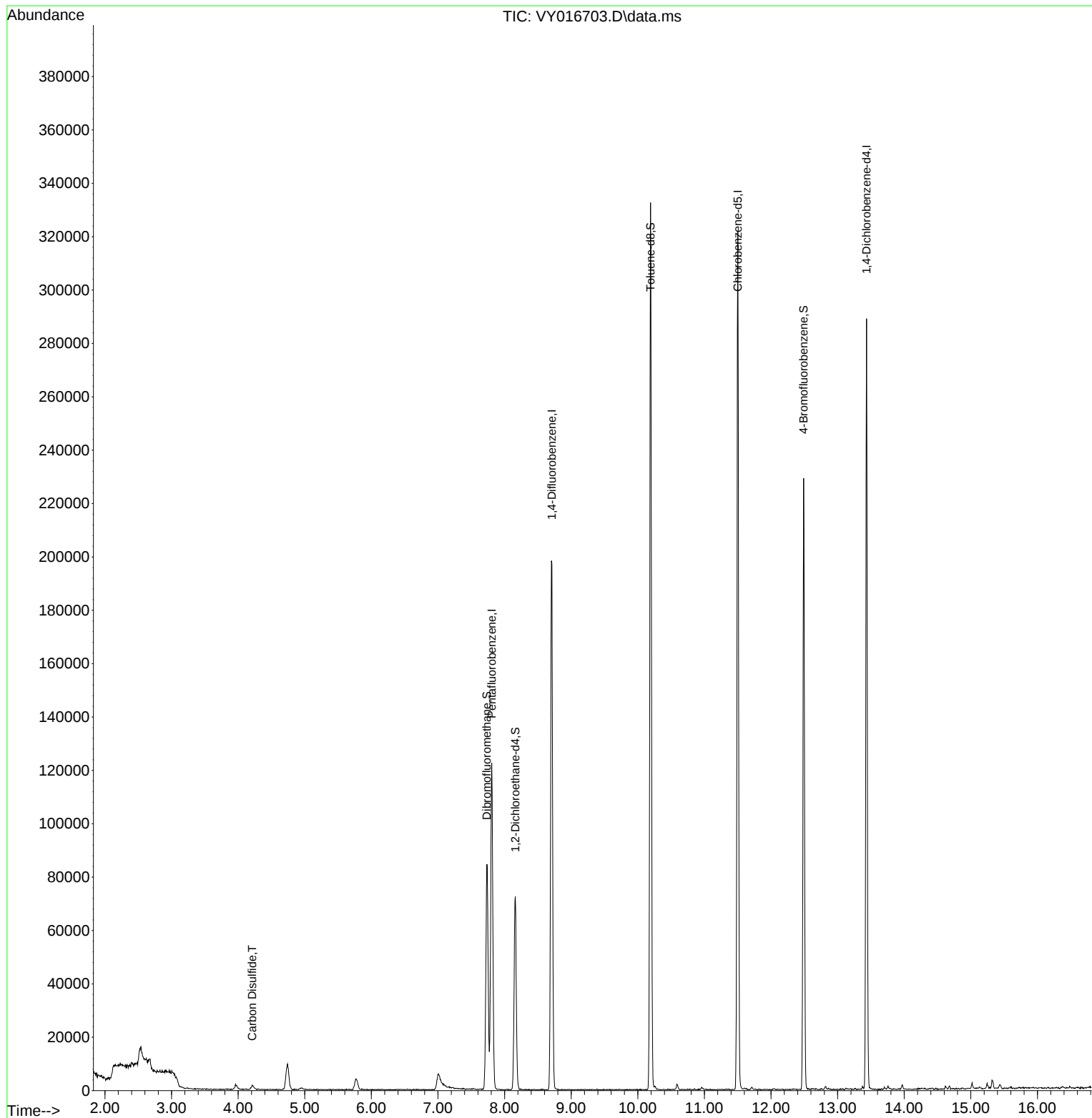
Internal Standards						
1) Pentafluorobenzene	7.807	168	98172	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	177086	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	171565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56887	70.056	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.120%	
35) Dibromofluoromethane	7.734	113	59343	56.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.800%	
50) Toluene-d8	10.191	98	214531	56.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.489	95	59435	55.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.680%	
Target Compounds						
17) Carbon Disulfide	4.210	76	2315	1.058	ug/l	Qvalue # 81

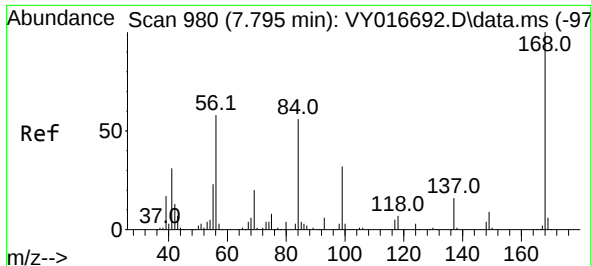
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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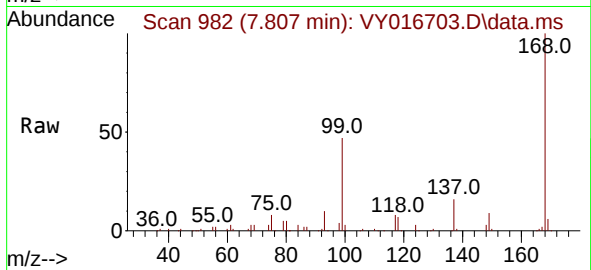
Quant Time: Dec 20 06:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
Quant Title : SW846 8260
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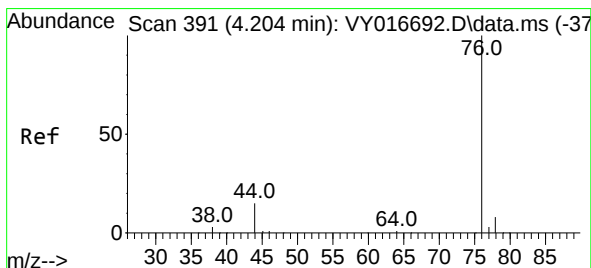
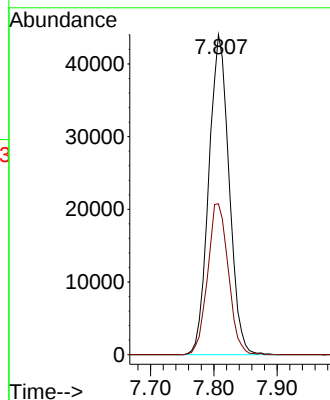
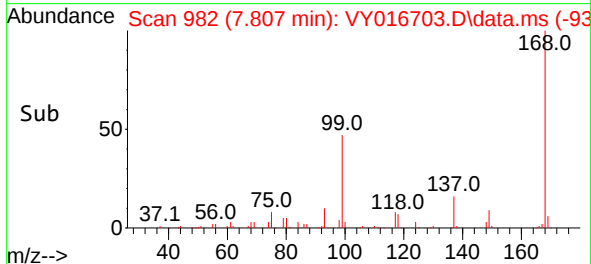


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-10-11

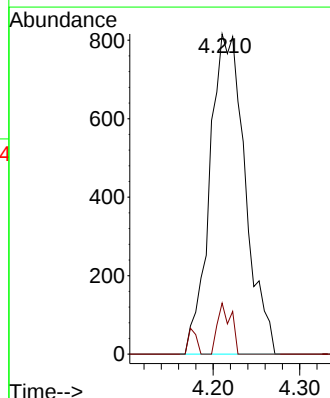
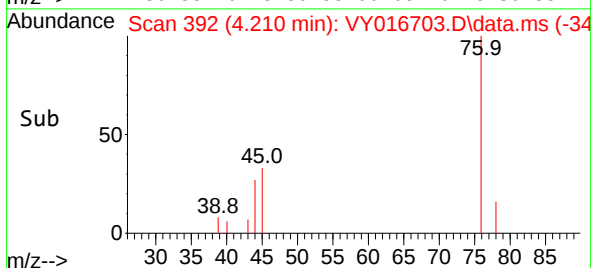
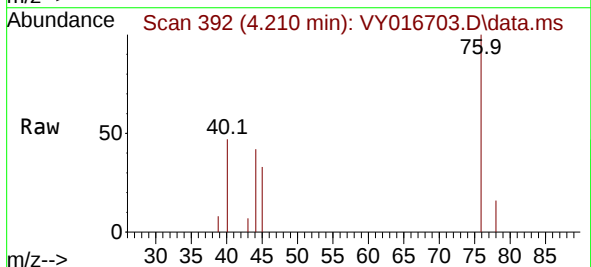


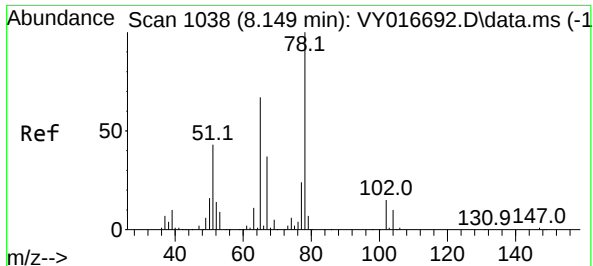
Tgt Ion:168 Resp: 98172
Ion Ratio Lower Upper
168 100
99 47.2 40.2 60.4



#17
Carbon Disulfide
Concen: 1.058 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Tgt Ion: 76 Resp: 2315
Ion Ratio Lower Upper
76 100
78 15.9 7.3 10.9#





#33

1,2-Dichloroethane-d4

Concen: 70.056 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016703.D

Acq: 19 Dec 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :

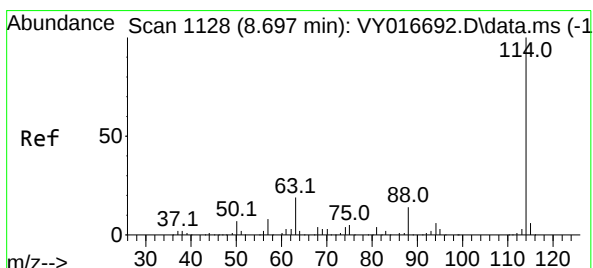
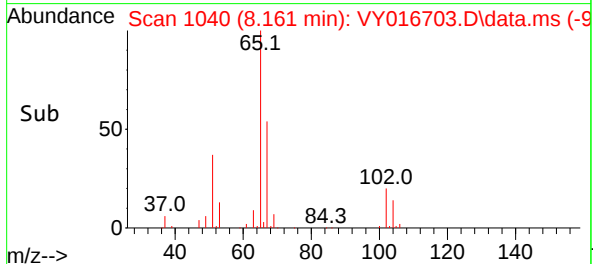
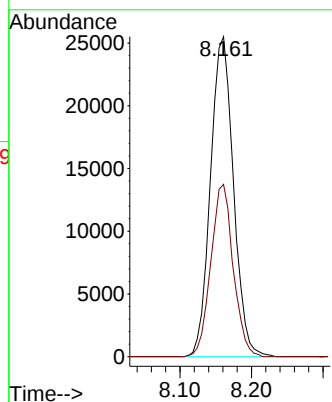
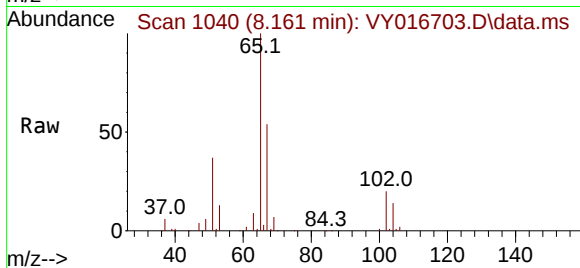
RT-SB-04-10-11

Tgt Ion: 65 Resp: 56887

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016703.D

Acq: 19 Dec 2023 19:16

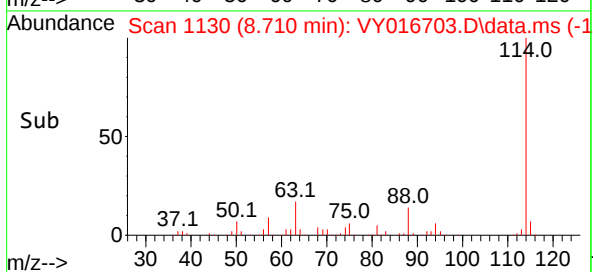
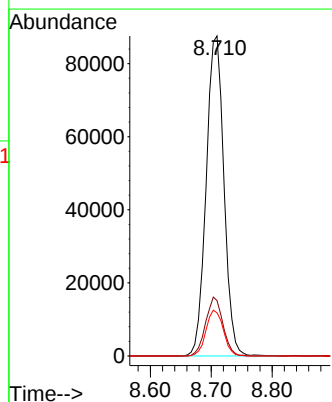
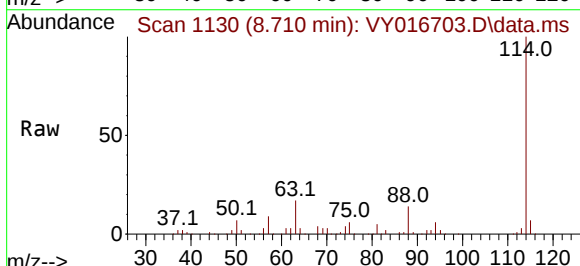
Tgt Ion: 114 Resp: 177086

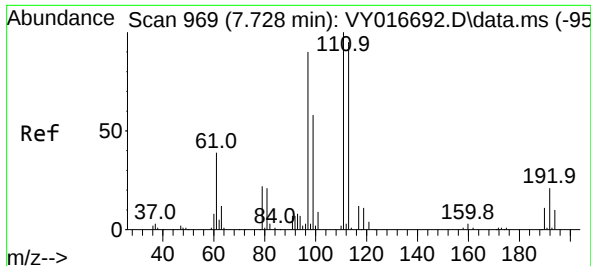
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 13.5 0.0 29.2



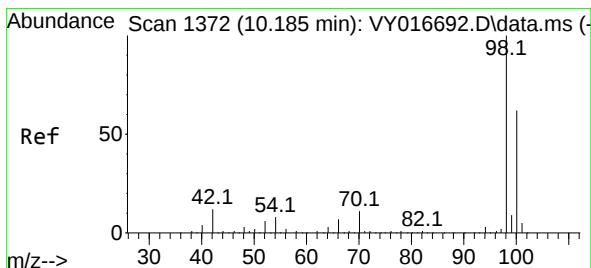
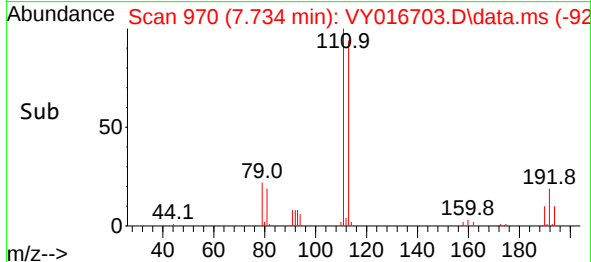
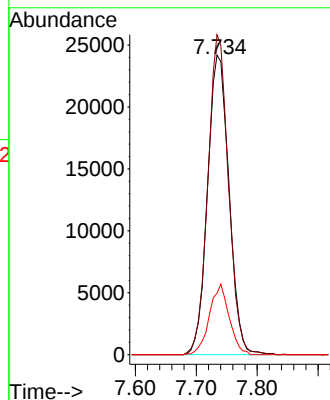
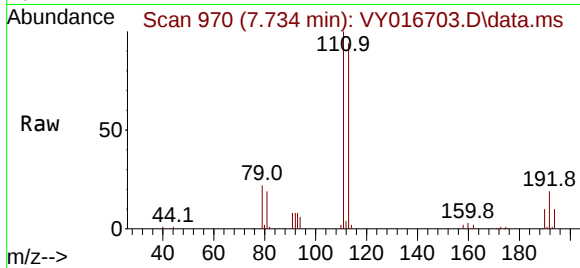


#35
 Dibromofluoromethane
 Concen: 56.898 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:113 Resp: 59343

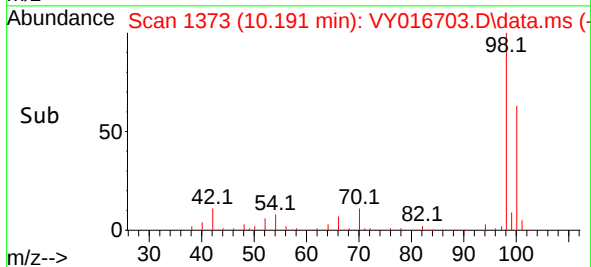
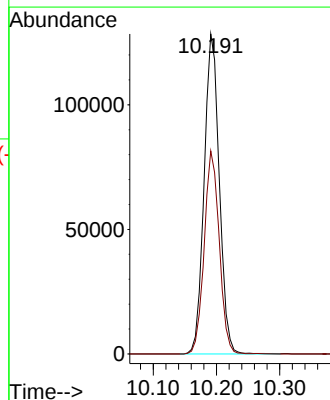
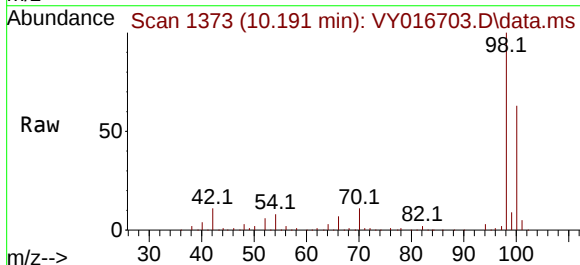
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.7	16.2	24.4

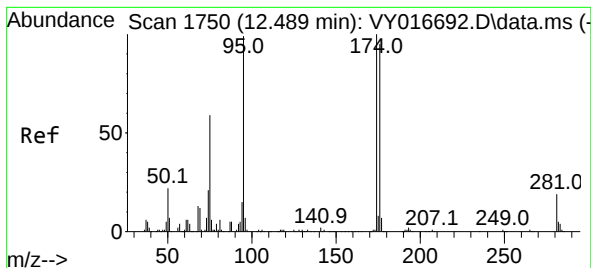


#50
 Toluene-d8
 Concen: 56.796 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

Tgt Ion: 98 Resp: 214531

Ion	Ratio	Lower	Upper
98	100		
100	62.9	52.5	78.7

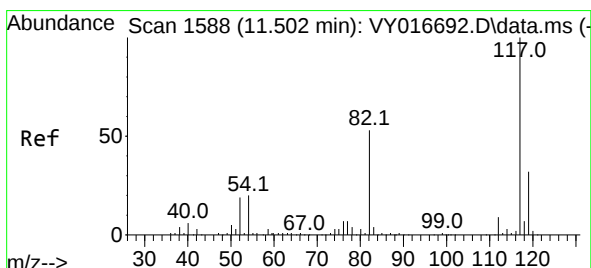
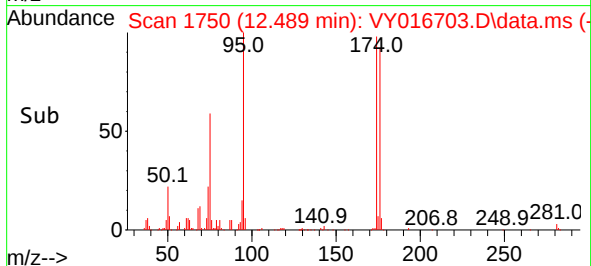
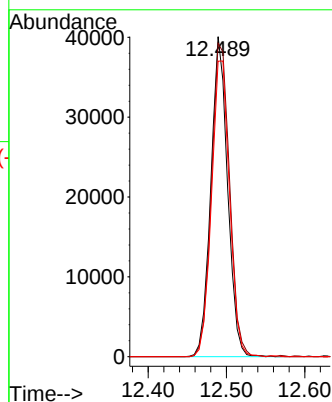
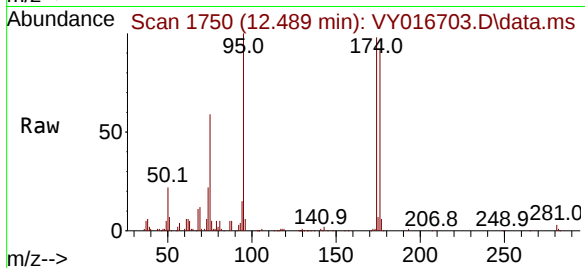




#62
4-Bromofluorobenzene
Concen: 55.341 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

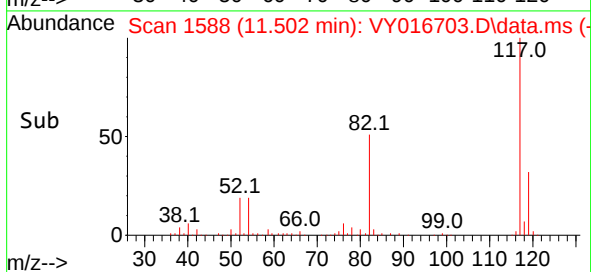
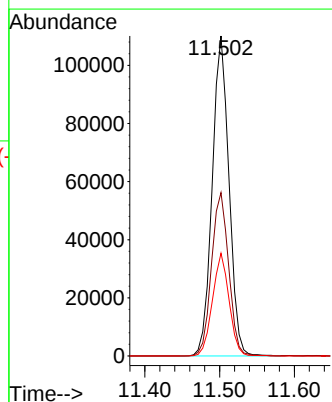
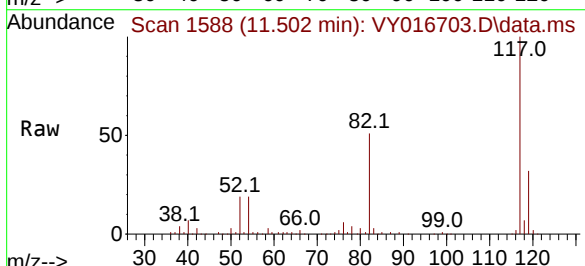
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-10-11

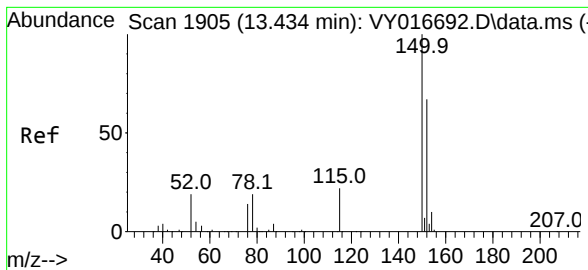
Tgt Ion:	95	Resp:	59435
Ion	Ratio	Lower	Upper
95	100		
174	106.6	0.0	181.0
176	99.7	0.0	176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

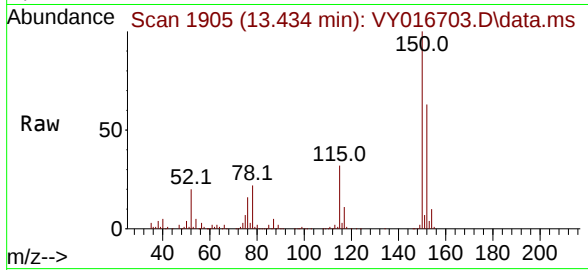
Tgt Ion:	117	Resp:	171565
Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.0	61.6
119	32.1	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-10-11



Tgt Ion:	152	Resp:	71198
Ion Ratio	Lower	Upper	
152	100		
115	53.3	28.2	84.7
150	161.3	0.0	350.6

