

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016458.D
 Acq On : 22 Nov 2023 13:36
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 23 04:05:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

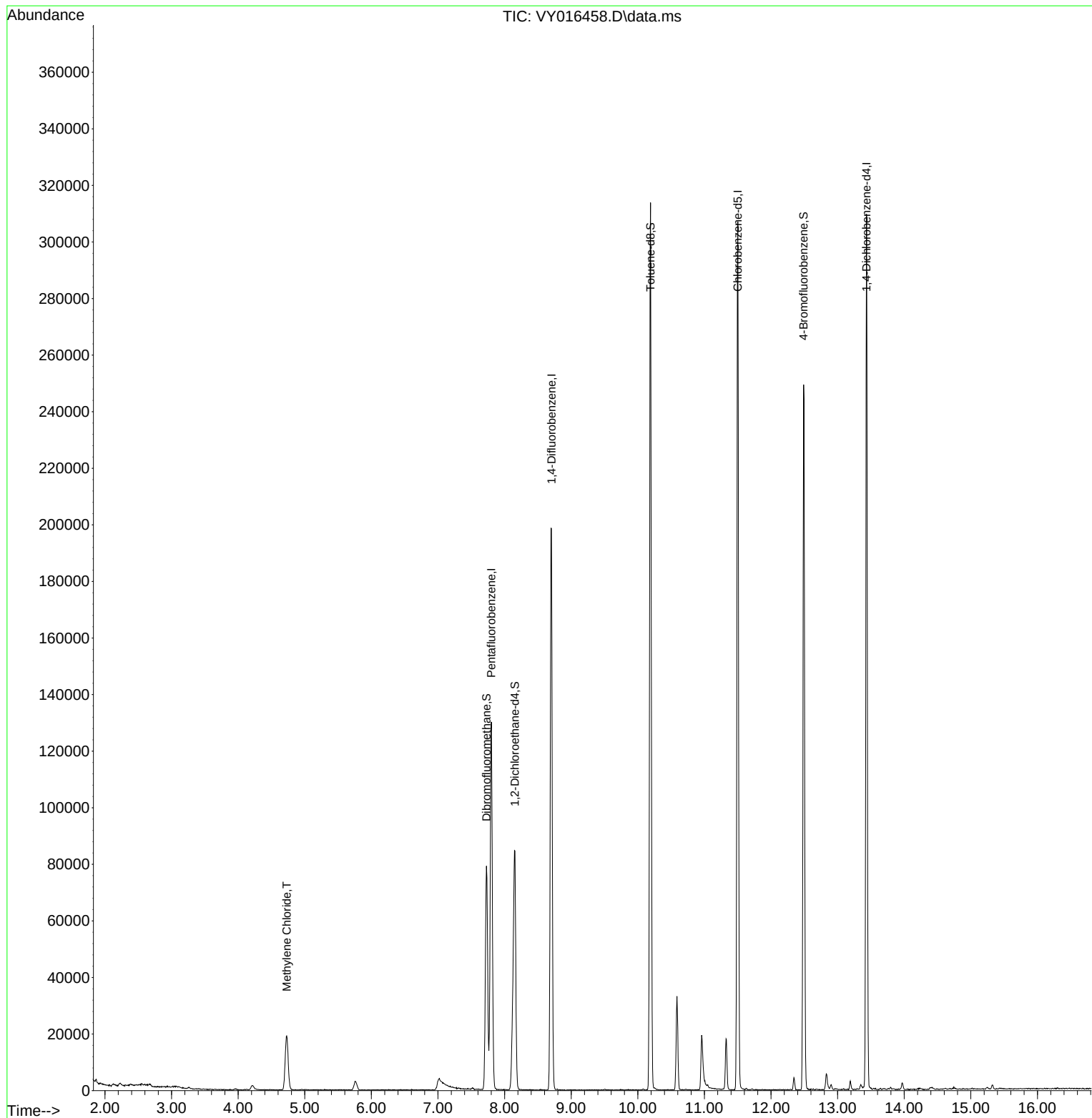
Internal Standards						
1) Pentafluorobenzene	7.801	168	104425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	183755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60974	63.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.780%	
35) Dibromofluoromethane	7.728	113	57280	54.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.191	98	213127	50.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.489	95	75994	55.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	
Target Compounds						
20) Methylene Chloride	4.729	84	16606	12.263	ug/l	Qvalue # 80

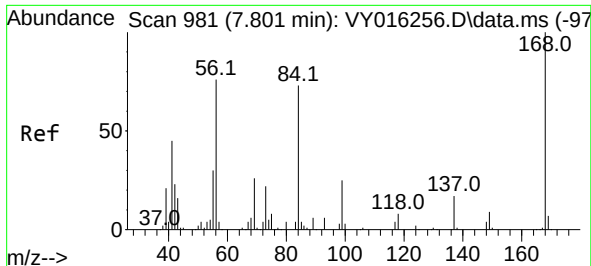
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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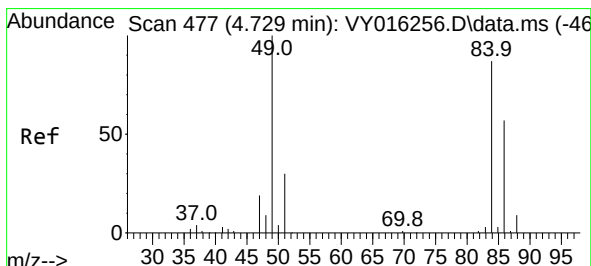
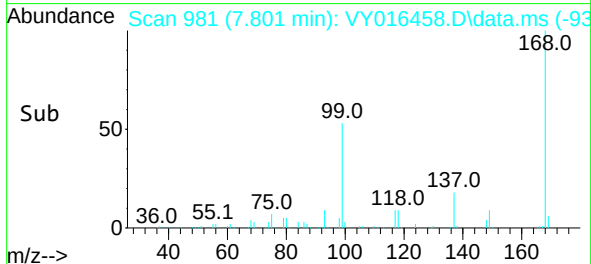
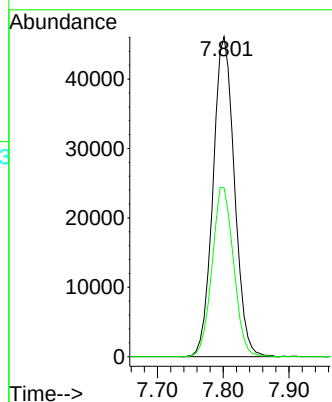
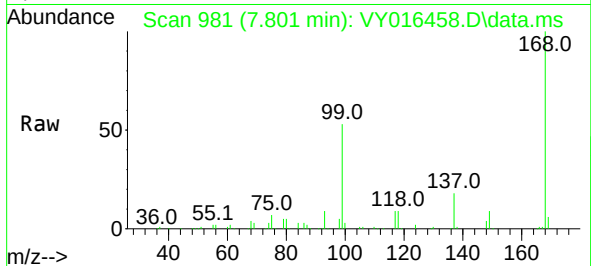




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

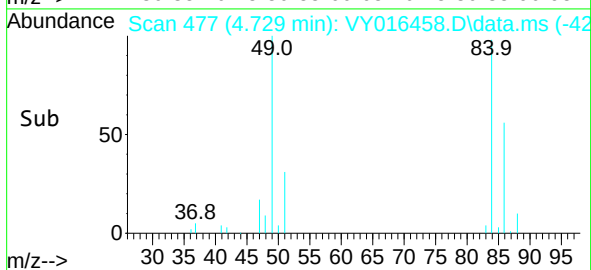
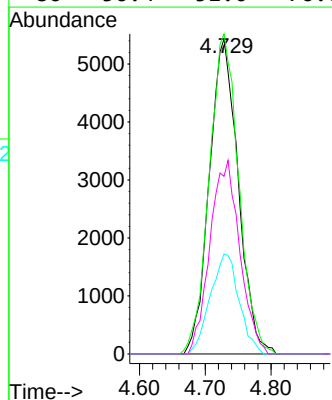
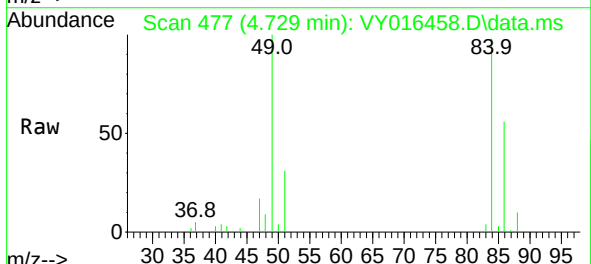
Instrument :
MSVOA_Y
ClientSampleId :
BLK

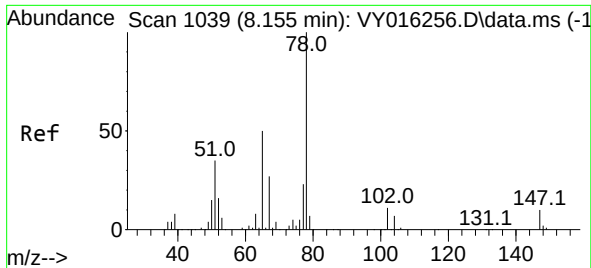
Tgt Ion:168 Resp: 104425
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 12.263 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion: 84 Resp: 16606
Ion Ratio Lower Upper
84 100
49 101.5 106.9 160.3#
51 31.7 33.2 49.8#
86 56.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.887 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016458.D

Acq: 22 Nov 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

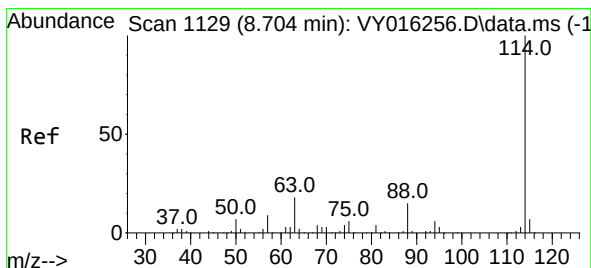
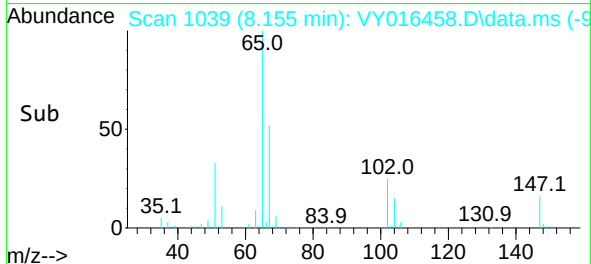
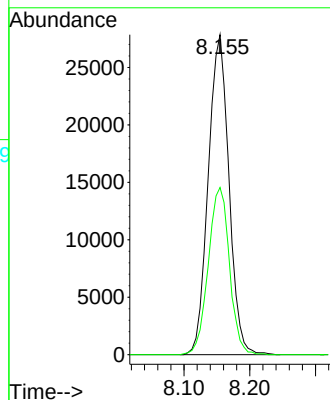
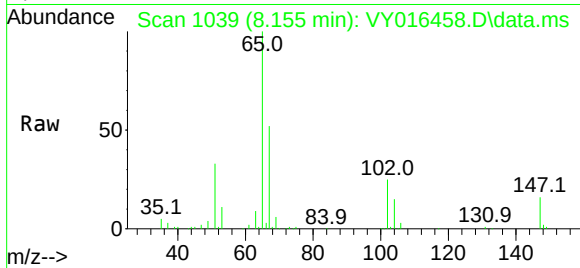
BLK

Tgt Ion: 65 Resp: 60974

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016458.D

Acq: 22 Nov 2023 13:36

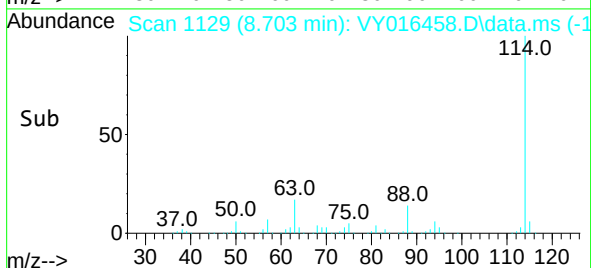
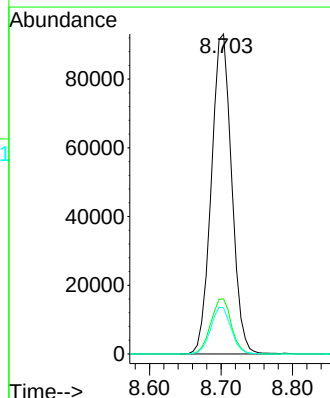
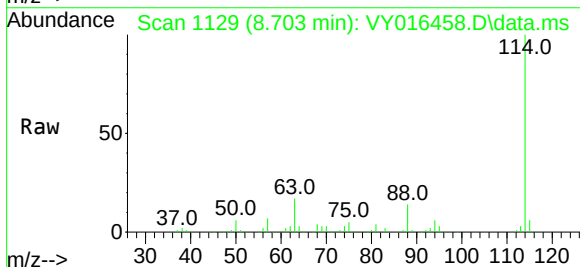
Tgt Ion: 114 Resp: 183755

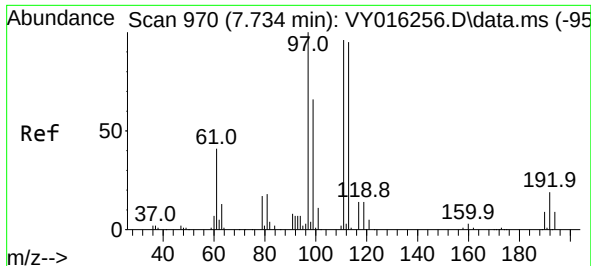
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.4 0.0 30.6

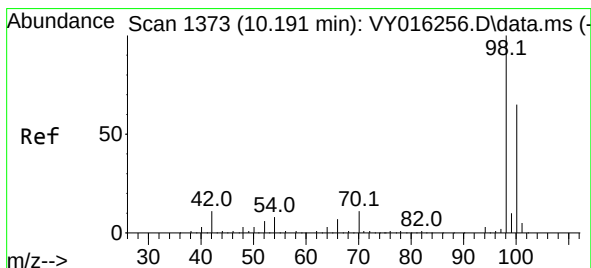
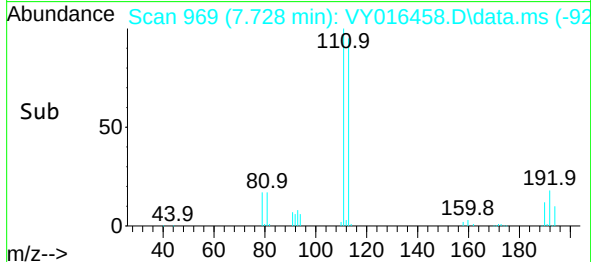
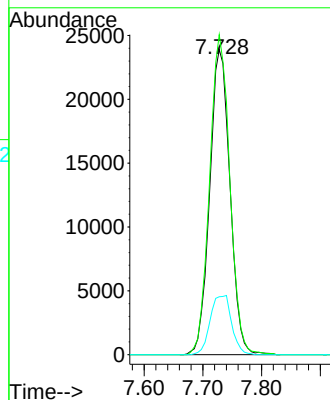
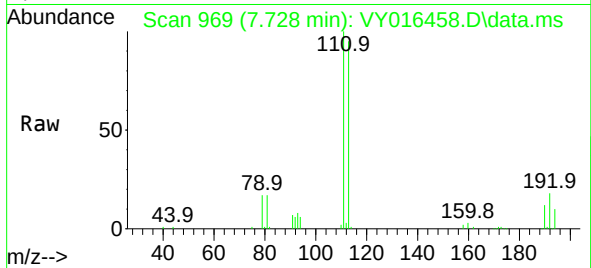




#35
Dibromofluoromethane
Concen: 54.874 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

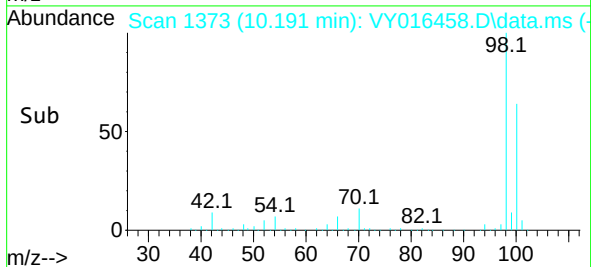
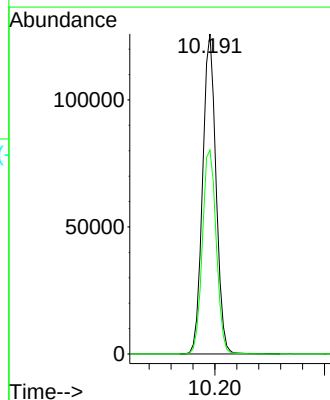
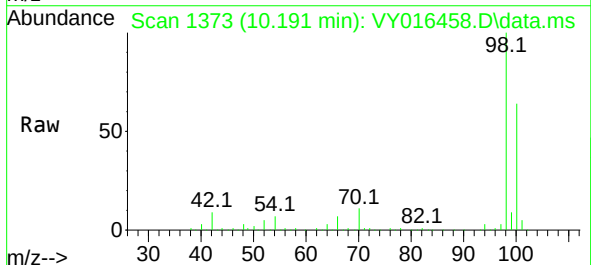
Instrument :
MSVOA_Y
ClientSampleId :
BLK

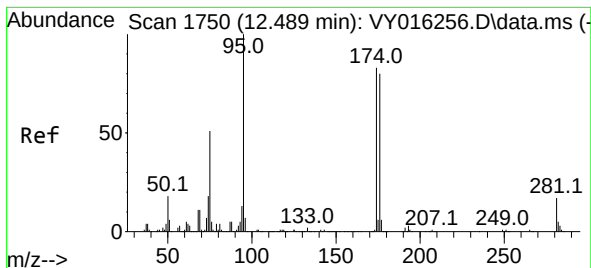
Tgt Ion:113 Resp: 57280
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion: 98 Resp: 213127
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

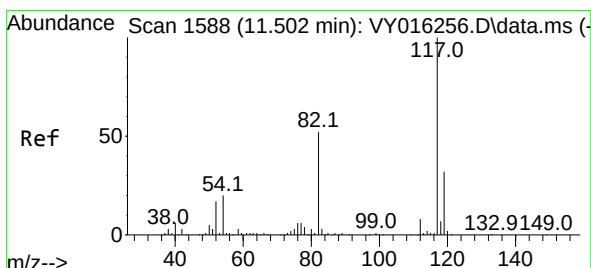
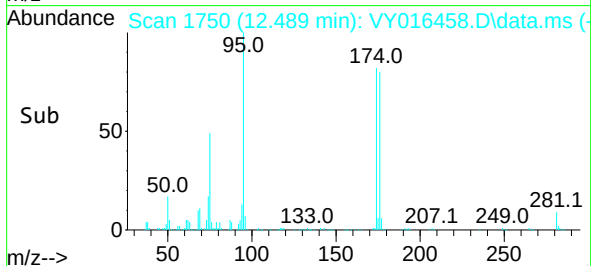
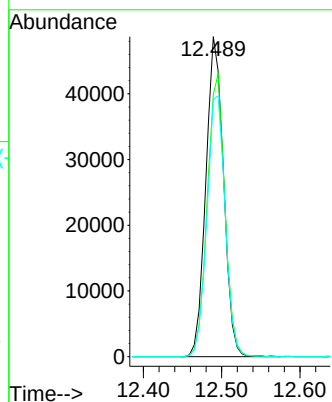
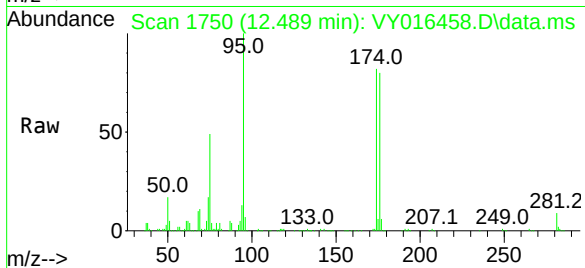




#62
4-Bromofluorobenzene
Concen: 55.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

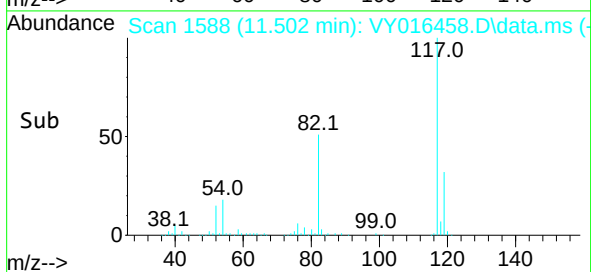
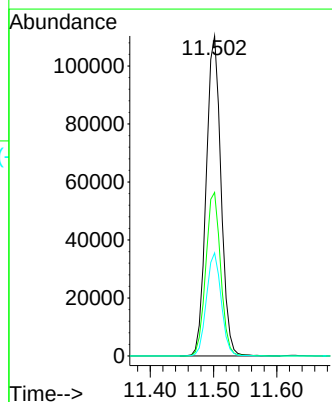
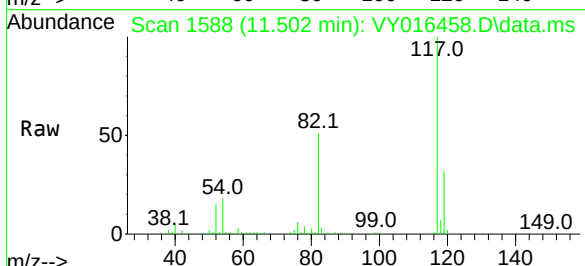
Instrument :
MSVOA_Y
ClientSampleId :
BLK

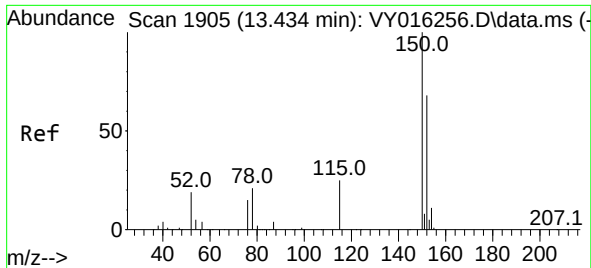
Tgt Ion:	95	Resp:	75994
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.2
176	84.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion:	117	Resp:	179457
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	32.2	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016458.D

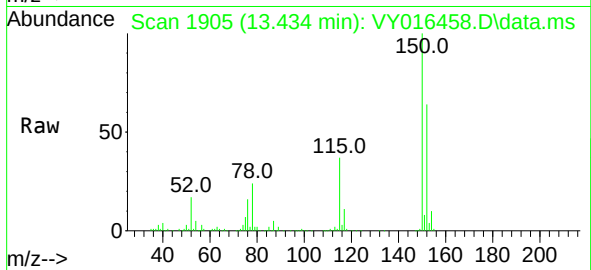
Acq: 22 Nov 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:152 Resp: 83142

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 155.4 0.0 348.8

