

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016387.D
 Acq On : 16 Nov 2023 14:30
 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 17 04:06:39 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)

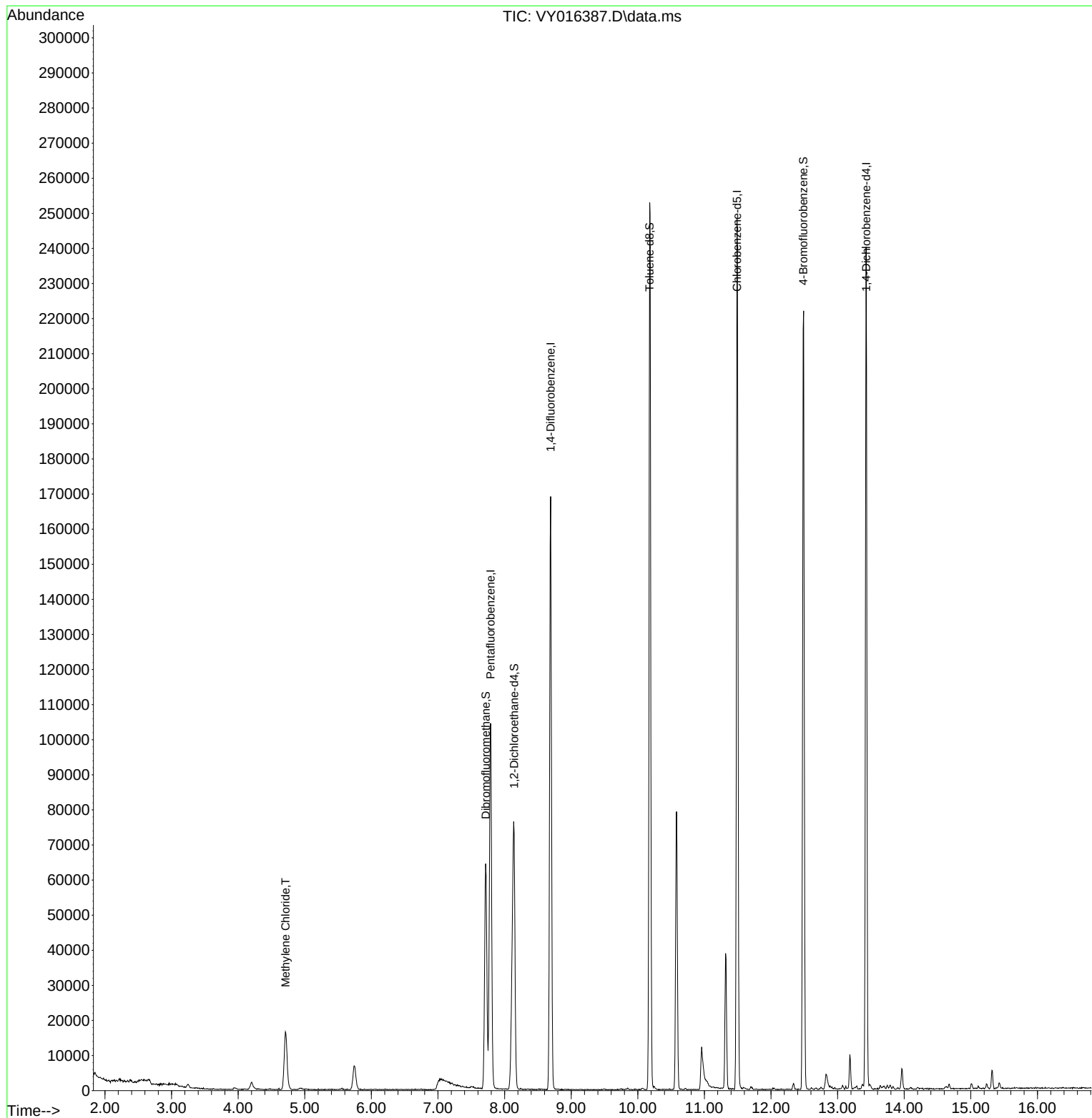
Internal Standards						
1) Pentafluorobenzene	7.789	168	84776	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	148398	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	142168	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	62421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50466	65.133	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.260%	
35) Dibromofluoromethane	7.716	113	45267	53.698	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.400%	
50) Toluene-d8	10.179	98	172617	50.495	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.483	95	58110	52.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	13094	11.803	ug/l	# 84

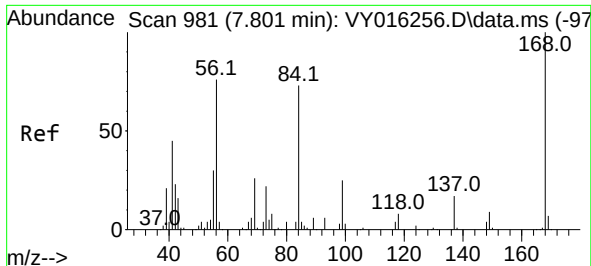
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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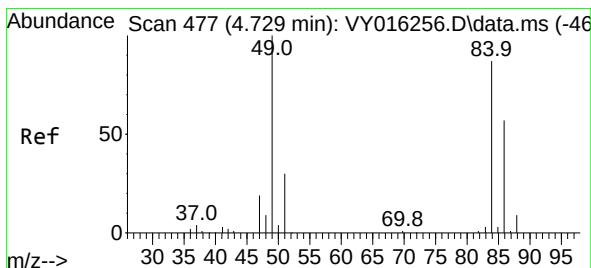
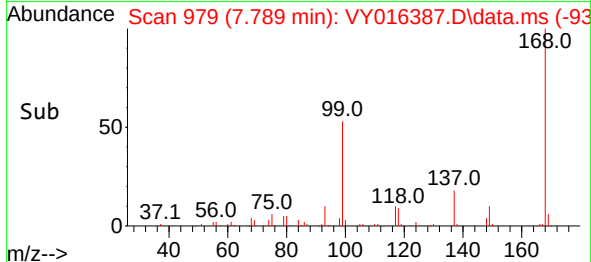
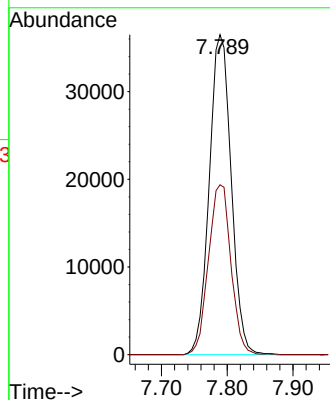
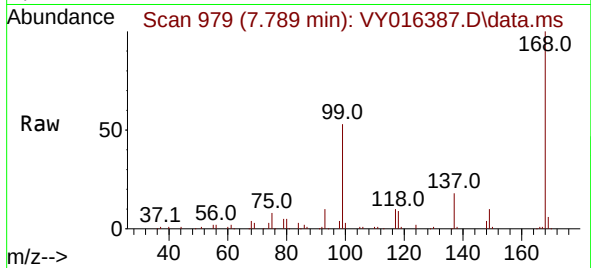




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

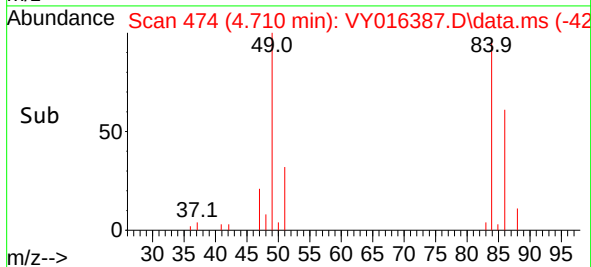
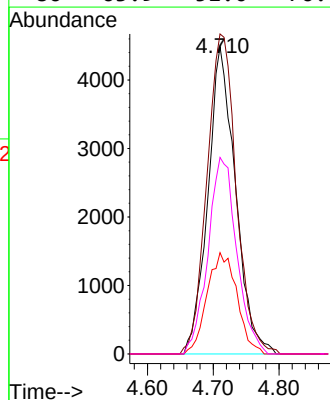
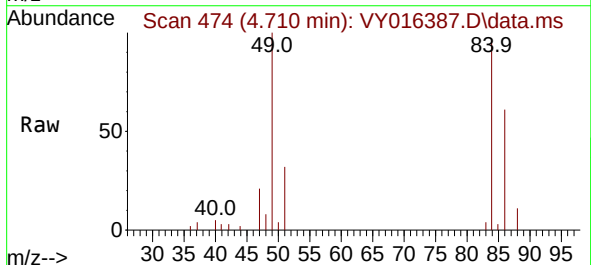
Instrument :
MSVOA_Y
ClientSampleId :
BLK

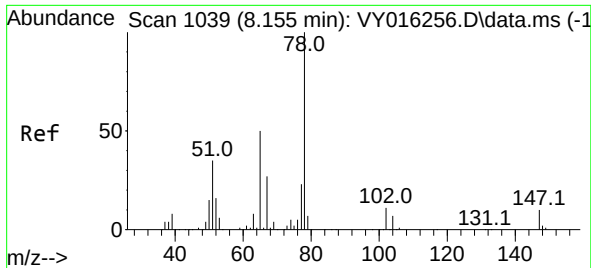
Tgt Ion:168 Resp: 84776
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 11.803 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Tgt Ion: 84 Resp: 13094
Ion Ratio Lower Upper
84 100
49 104.2 106.9 160.3#
51 33.0 33.2 49.8#
86 63.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.133 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

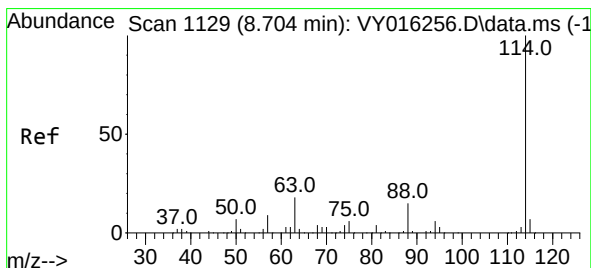
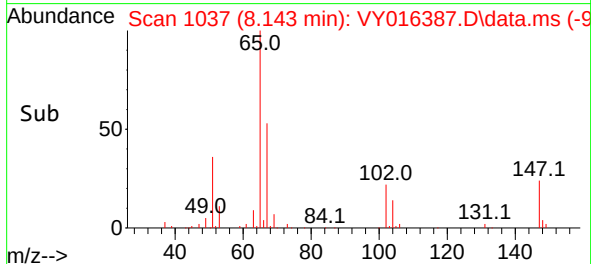
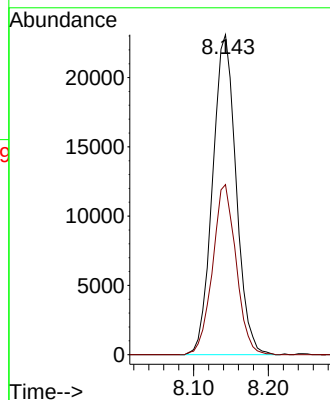
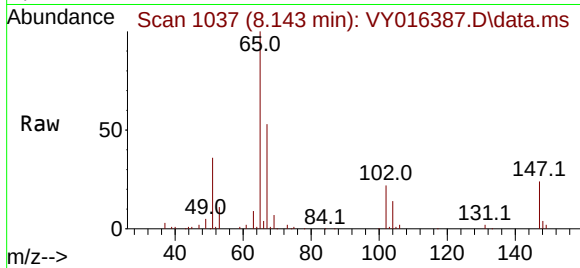
BLK

Tgt Ion: 65 Resp: 50466

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

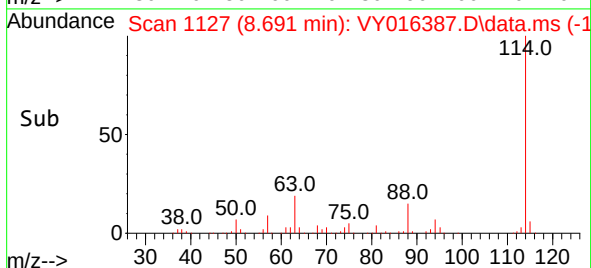
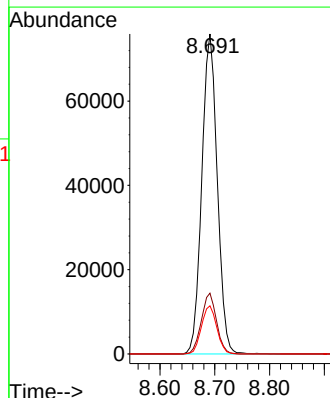
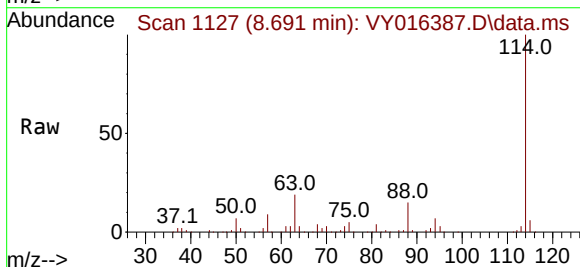
Tgt Ion: 114 Resp: 148398

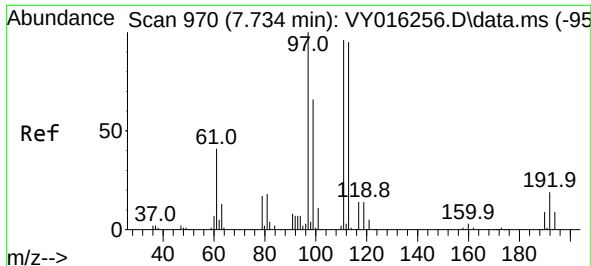
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6

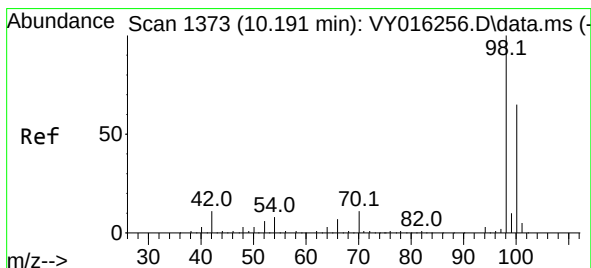
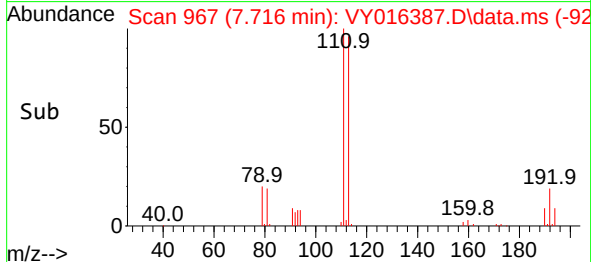
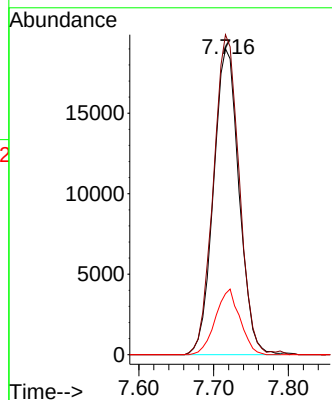
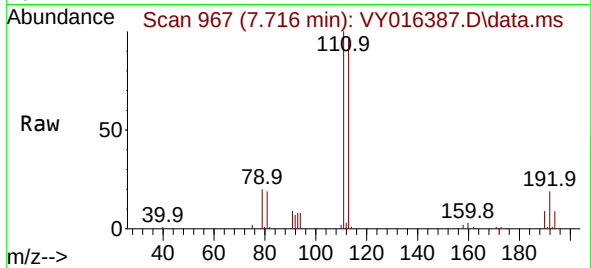




#35
Dibromofluoromethane
Concen: 53.698 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

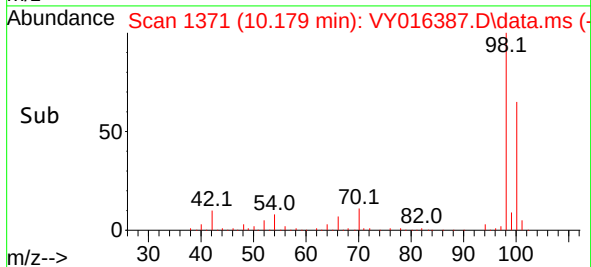
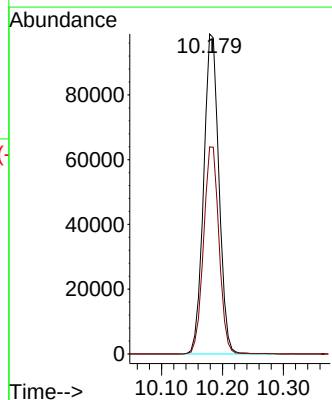
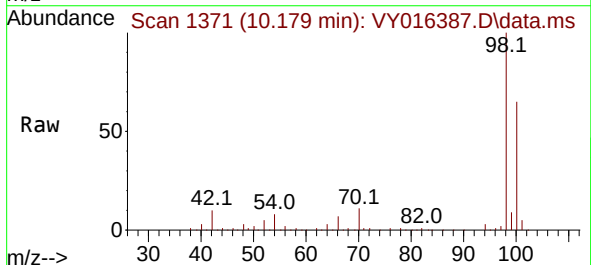
Instrument :
MSVOA_Y
ClientSampleId :
BLK

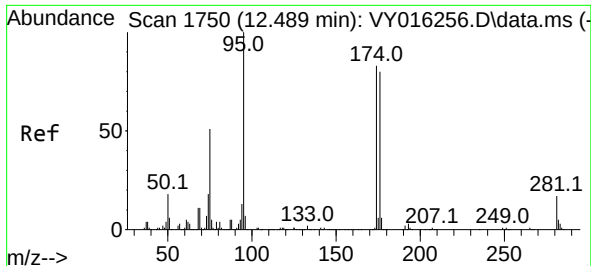
Tgt Ion:113 Resp: 45267
Ion Ratio Lower Upper
113 100
111 105.4 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Tgt Ion: 98 Resp: 172617
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 52.338 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

BLK

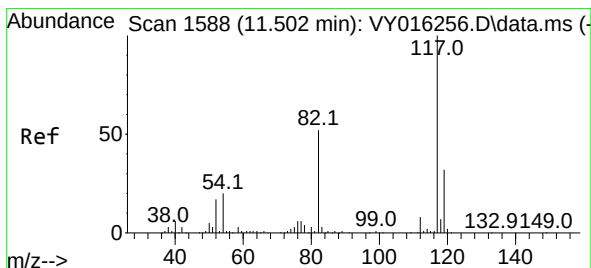
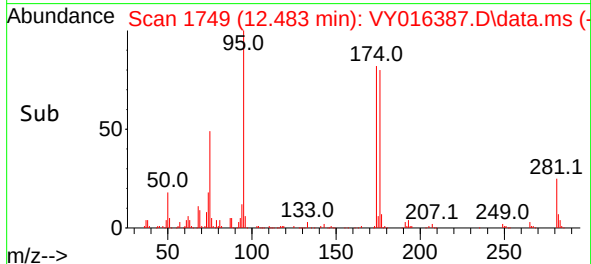
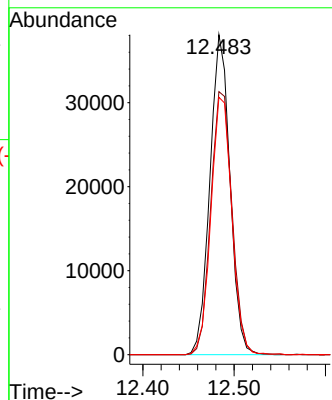
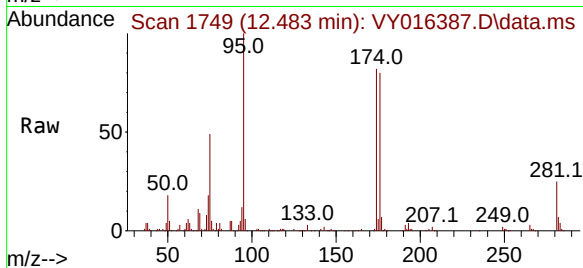
Tgt Ion: 95 Resp: 58110

Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 83.9 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.012 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

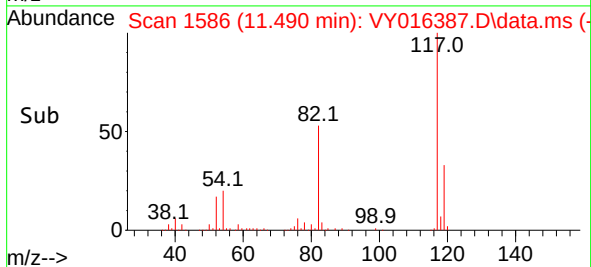
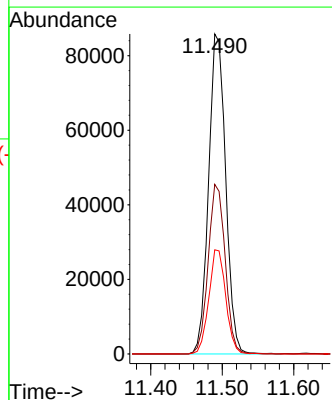
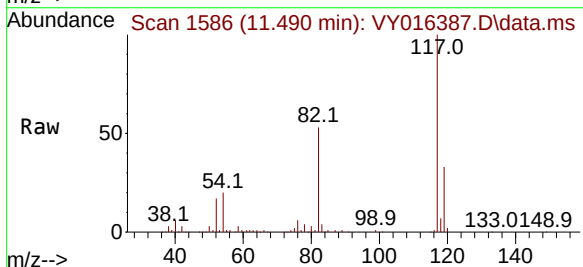
Tgt Ion: 117 Resp: 142168

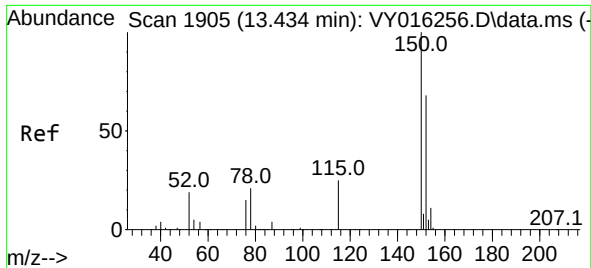
Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

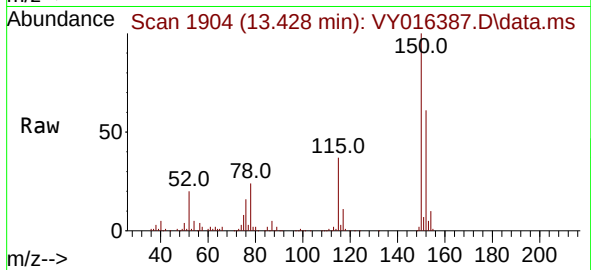
119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016387.D
 Acq: 16 Nov 2023 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK



Tgt Ion:152 Resp: 62421
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 159.2 0.0 348.8

