

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016385.D
 Acq On : 16 Nov 2023 13:42
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 17 04:05:27 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)

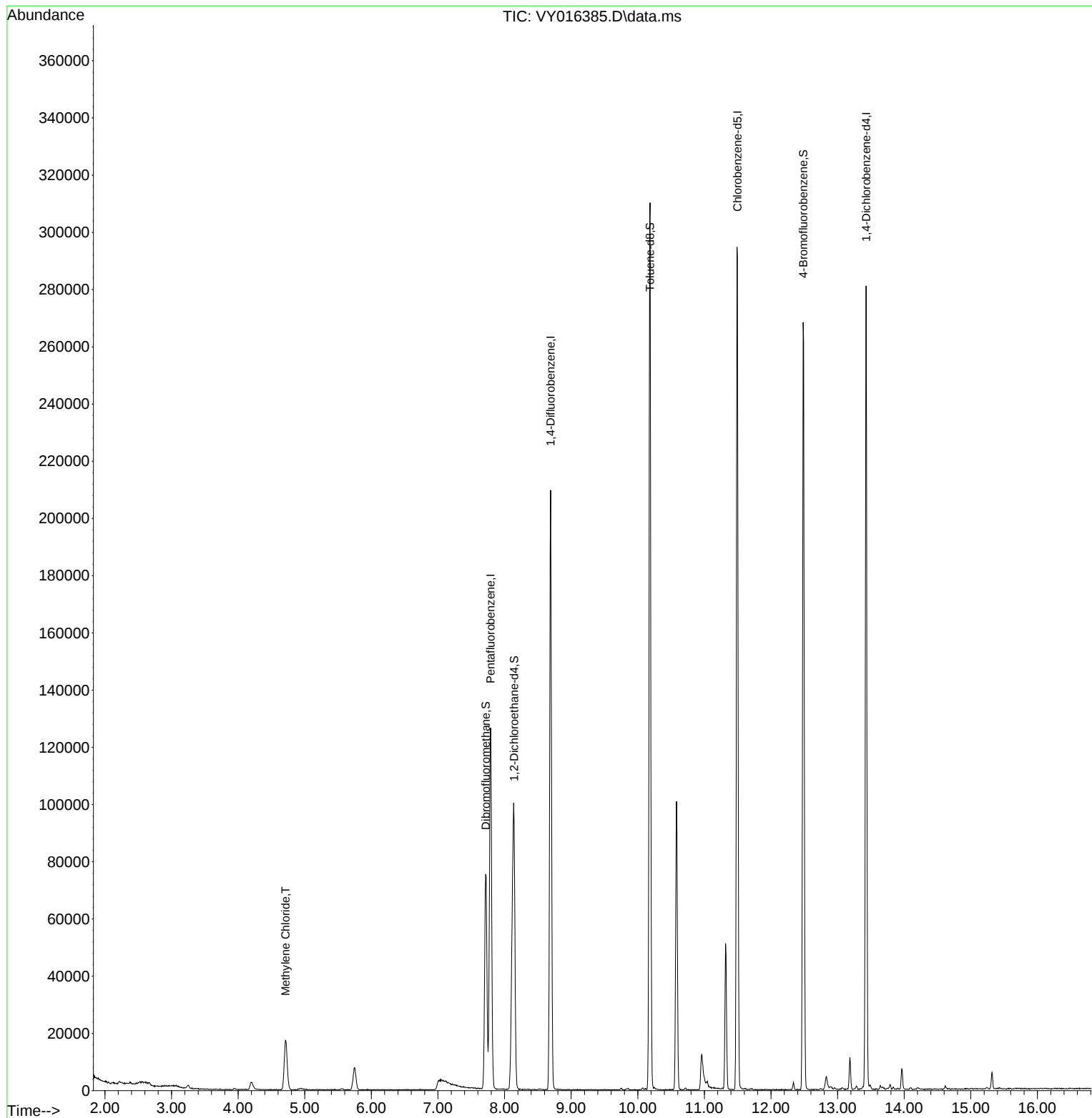
Internal Standards						
1) Pentafluorobenzene	7.789	168	102248	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	180682	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	169340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60104	64.316	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.640%	
35) Dibromofluoromethane	7.716	113	55314	53.892	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.185	98	210227	50.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.483	95	69944	51.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	14047	10.085	ug/l	87

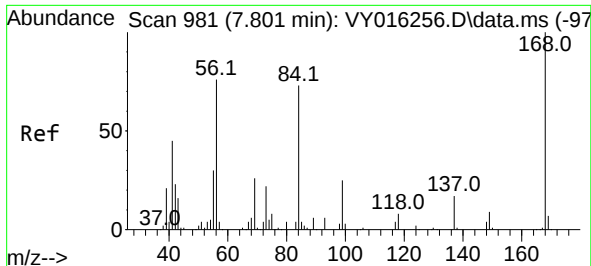
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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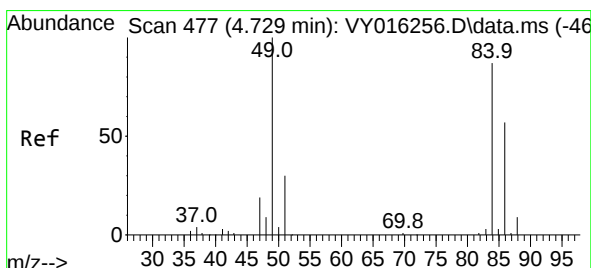
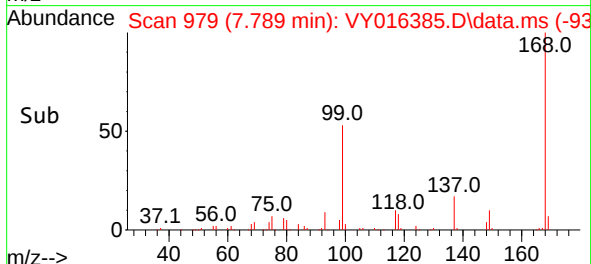
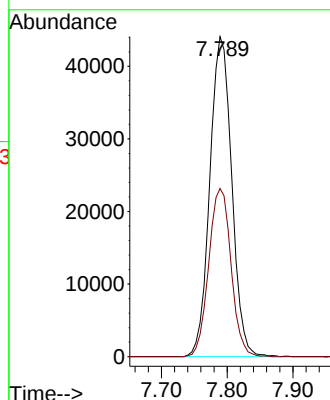
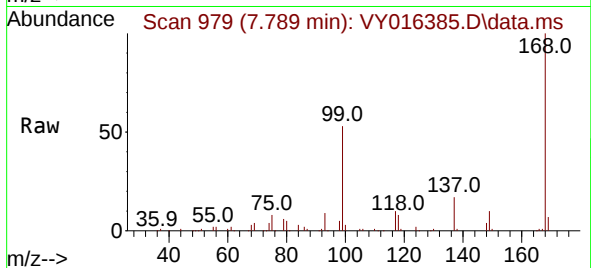




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

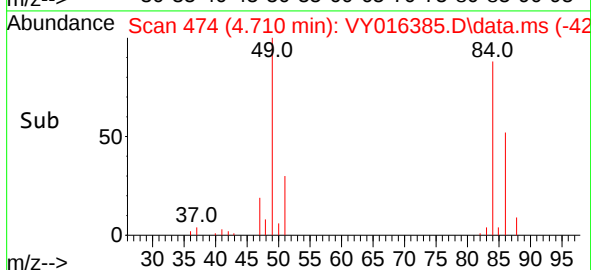
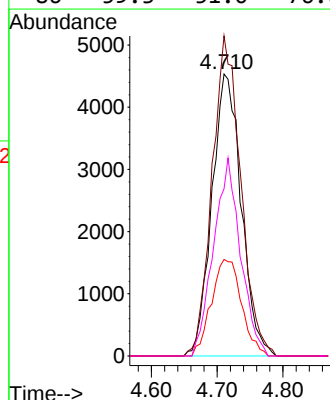
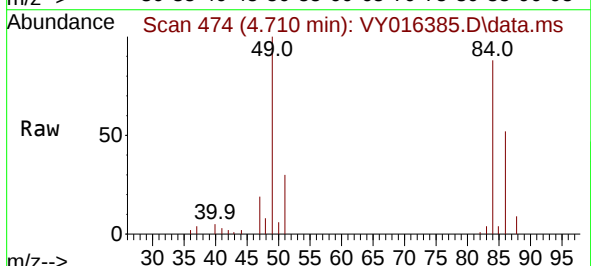
Instrument :
MSVOA_Y
ClientSampleId :
BLK

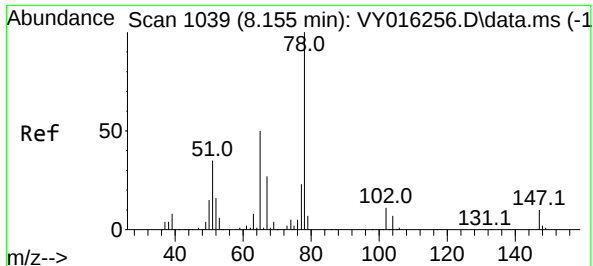
Tgt Ion:168 Resp: 102248
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#20
Methylene Chloride
Concen: 10.085 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

Tgt Ion: 84 Resp: 14047
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 34.2 33.2 49.8
86 59.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.316 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016385.D

Acq: 16 Nov 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

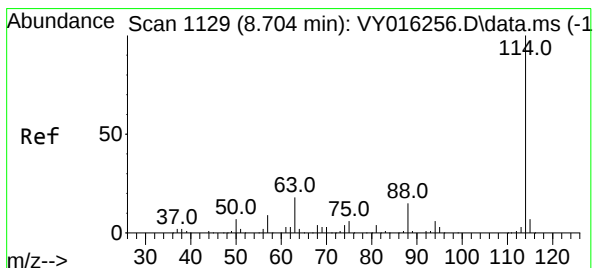
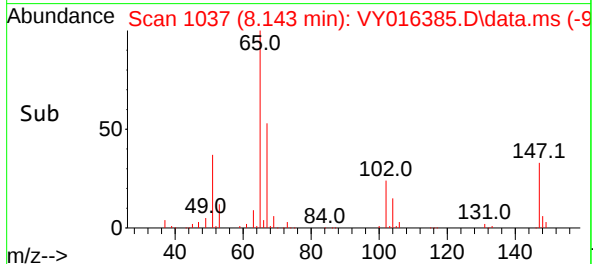
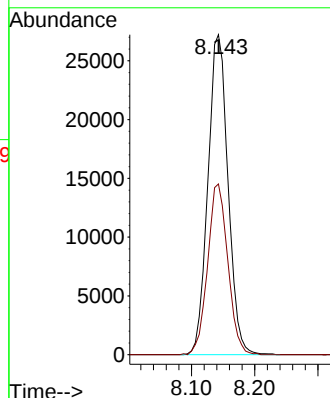
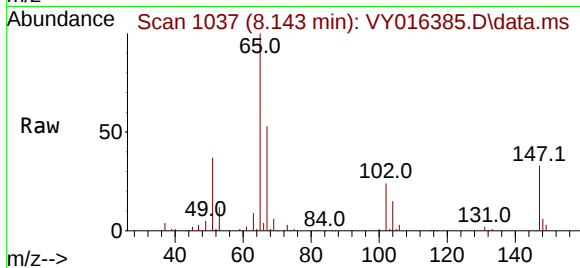
BLK

Tgt Ion: 65 Resp: 60104

Ion Ratio Lower Upper

65 100

67 53.6 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: VY016385.D

Acq: 16 Nov 2023 13:42

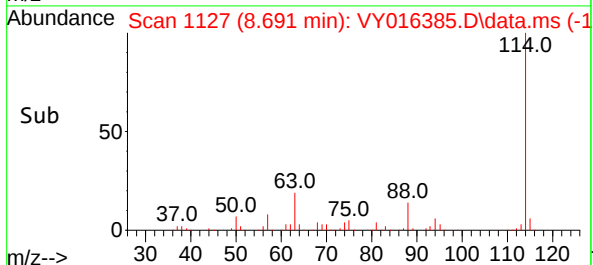
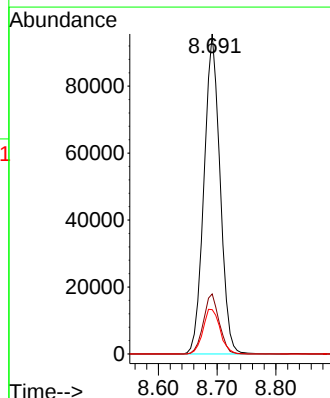
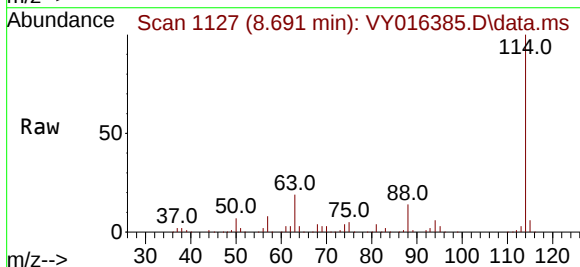
Tgt Ion: 114 Resp: 180682

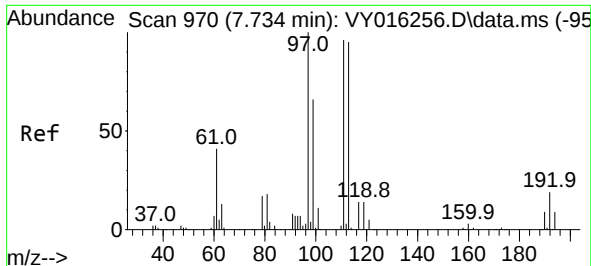
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 13.9 0.0 30.6

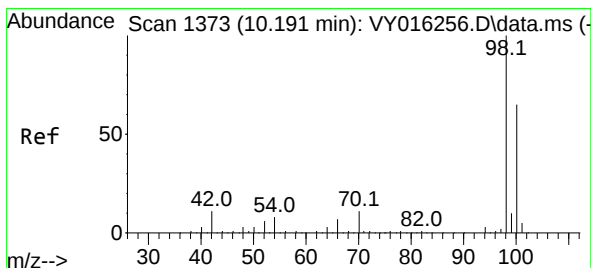
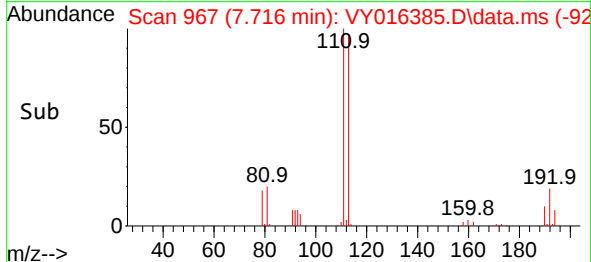
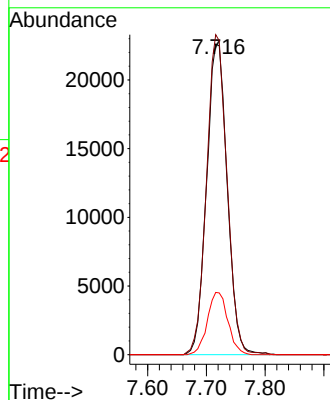
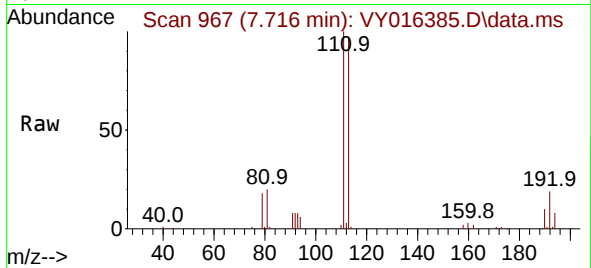




#35
Dibromofluoromethane
Concen: 53.892 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

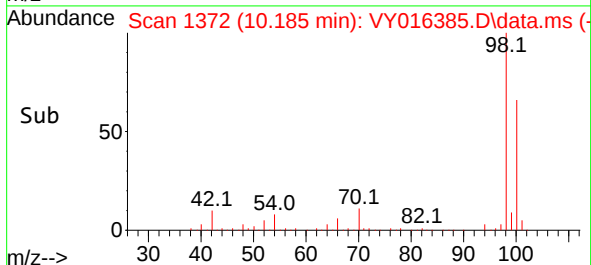
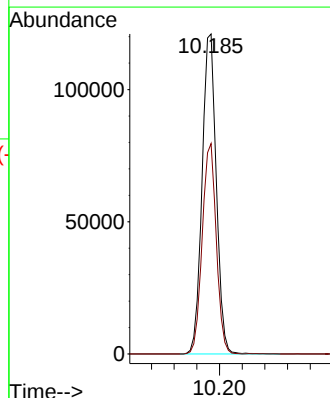
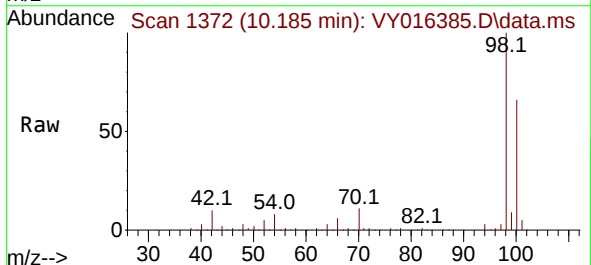
Instrument :
MSVOA_Y
ClientSampleId :
BLK

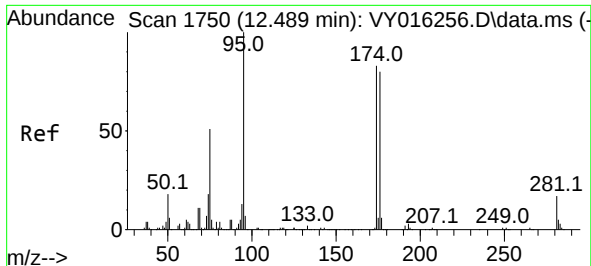
Tgt Ion:113 Resp: 55314
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 50.508 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

Tgt Ion: 98 Resp: 210227
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

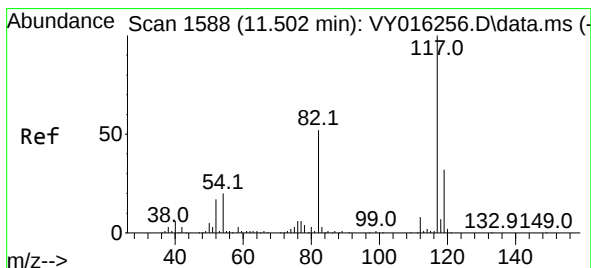
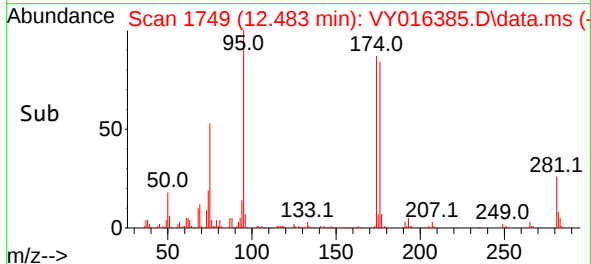
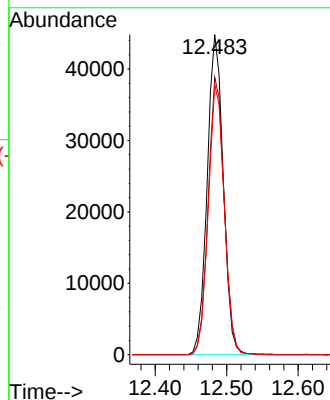
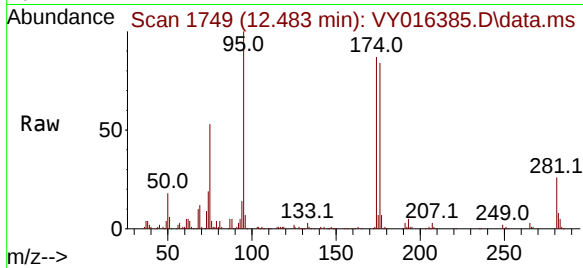




#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

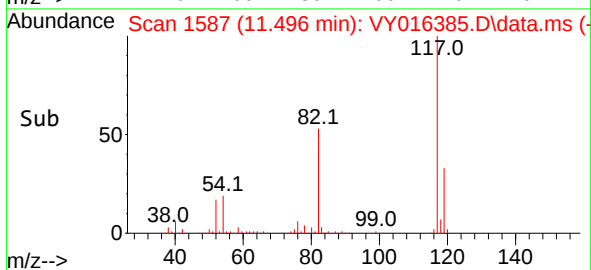
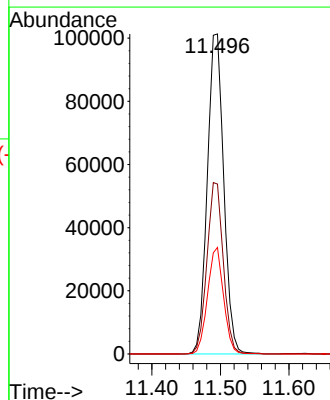
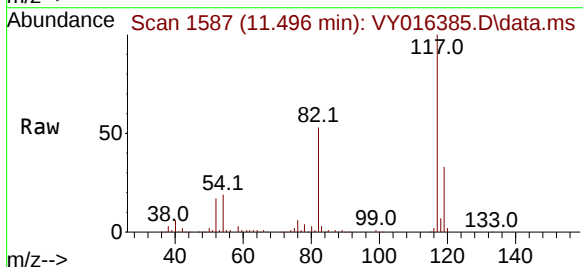
Instrument :
MSVOA_Y
ClientSampleId :
BLK

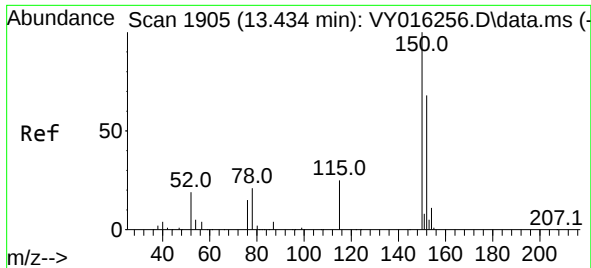
Tgt Ion: 95 Resp: 69944
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016385.D
Acq: 16 Nov 2023 13:42

Tgt Ion: 117 Resp: 169340
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 33.3 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: VY016385.D

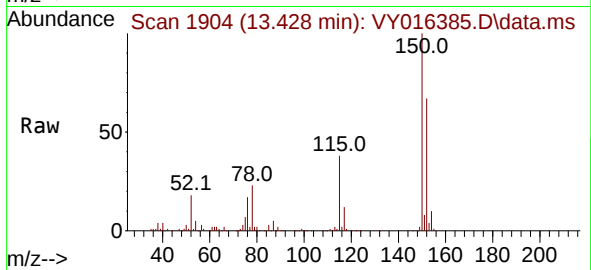
Acq: 16 Nov 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:152 Resp: 73823

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.2 0.0 348.8

