

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016411.D
 Acq On : 17 Nov 2023 15:42
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 18 05:20:18 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)

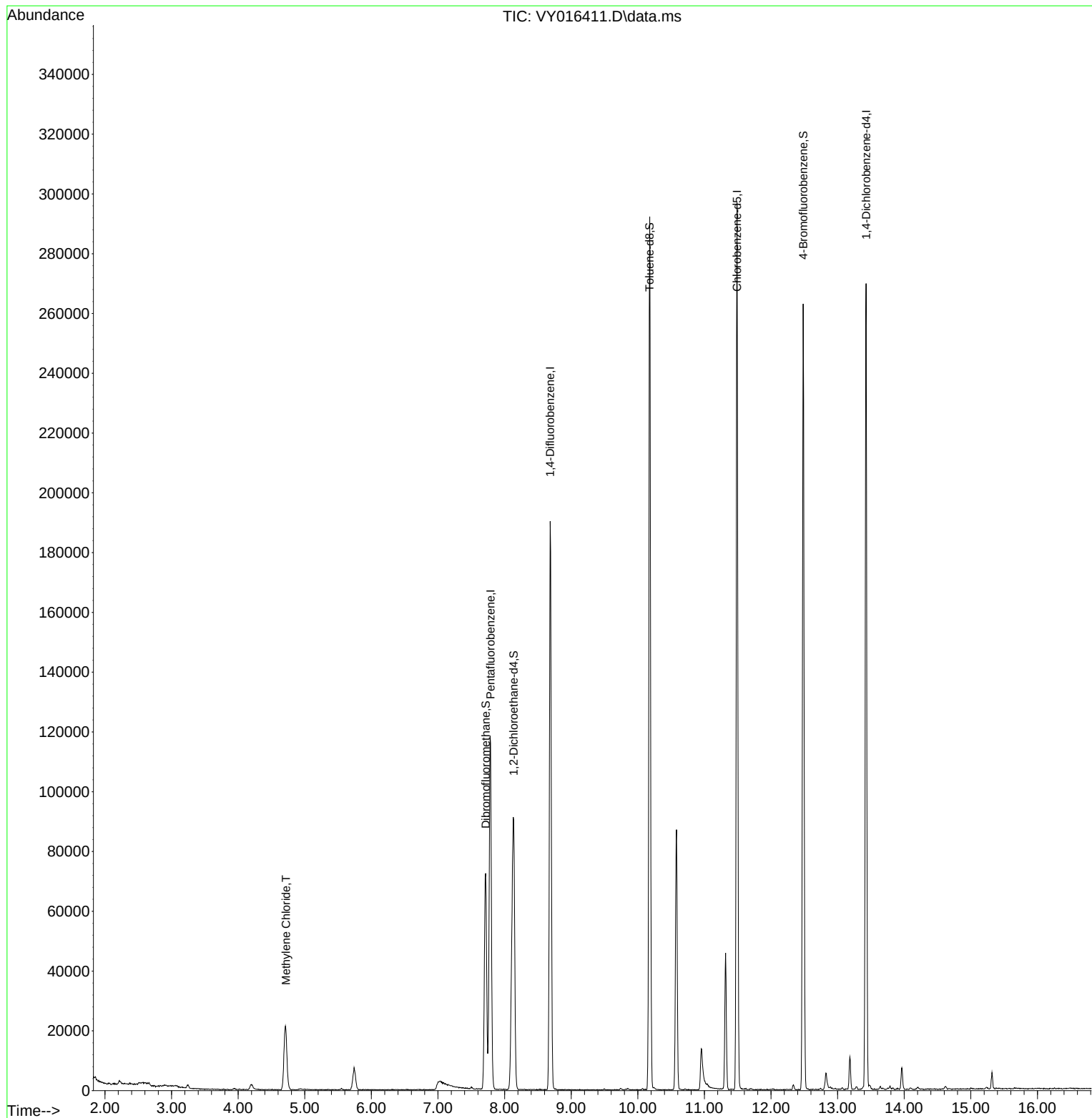
Internal Standards						
1) Pentafluorobenzene	7.789	168	94508	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	167772	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.489	117	162479	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	72462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57720	66.824	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.640%	
35) Dibromofluoromethane	7.716	113	52969	55.578	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	196679	50.890	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	67335	53.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.280%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	17229	14.606	ug/l	# 84

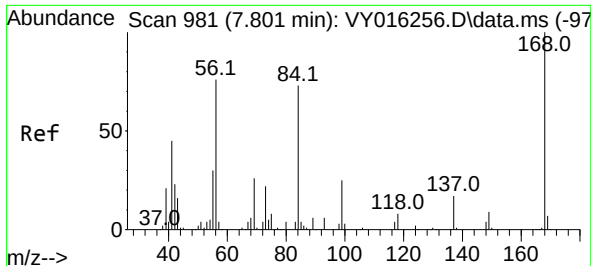
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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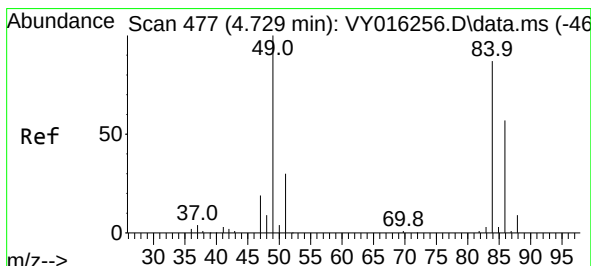
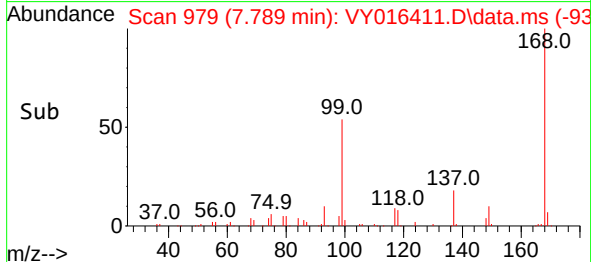
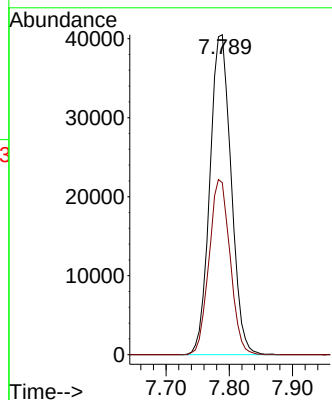
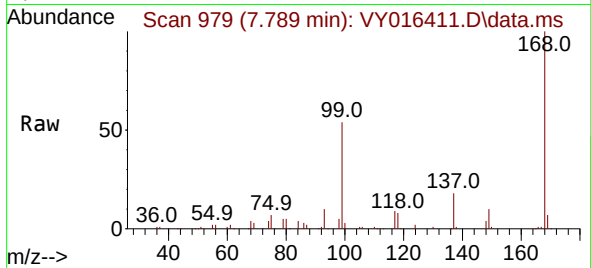




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

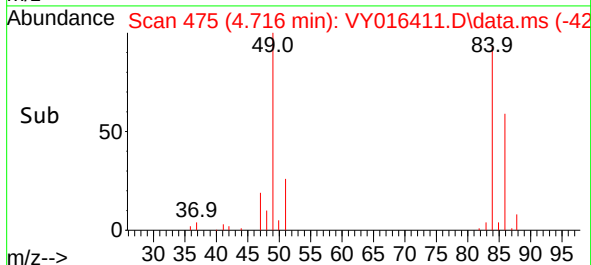
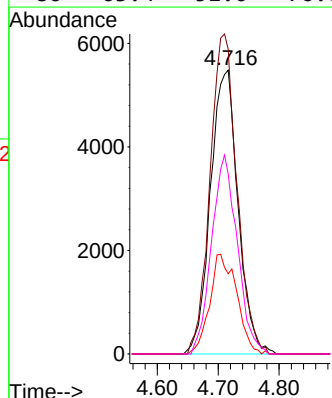
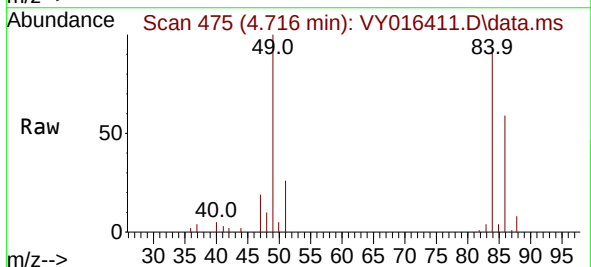
Instrument :
MSVOA_Y
ClientSampleId :
BLK

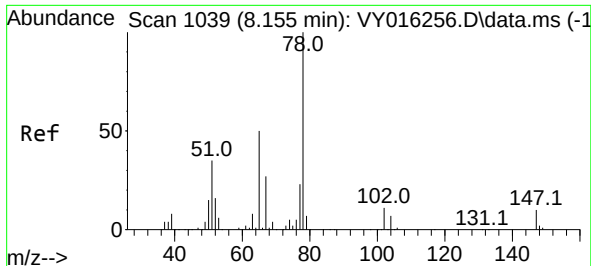
Tgt Ion:168 Resp: 94508
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#20
Methylene Chloride
Concen: 14.606 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Tgt Ion: 84 Resp: 17229
Ion Ratio Lower Upper
84 100
49 107.3 106.9 160.3
51 28.3 33.2 49.8#
86 63.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.824 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

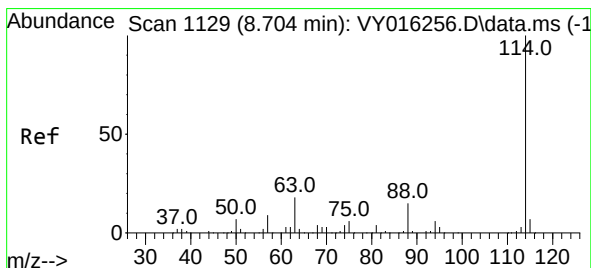
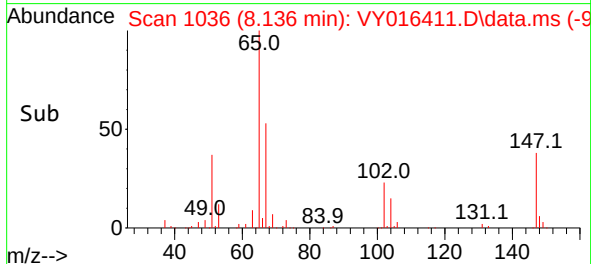
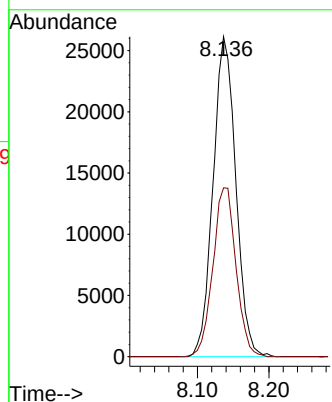
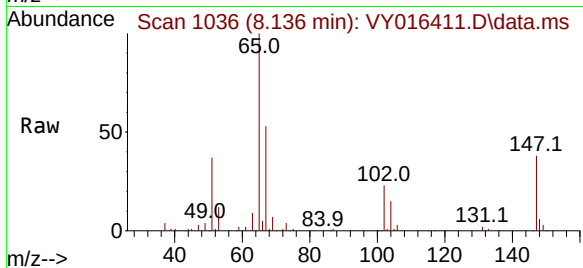
BLK

Tgt Ion: 65 Resp: 57720

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.018 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

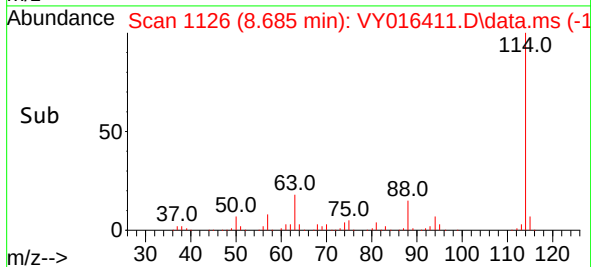
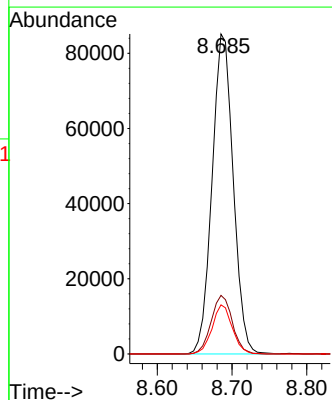
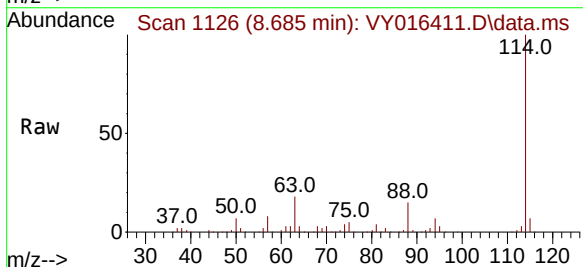
Tgt Ion: 114 Resp: 167772

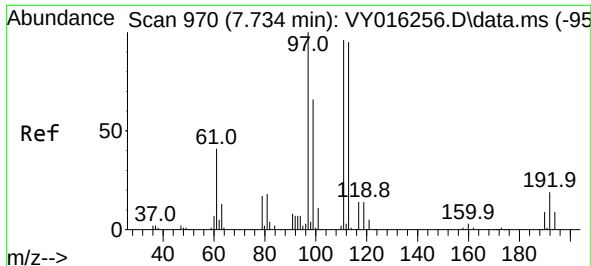
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.4 0.0 30.6

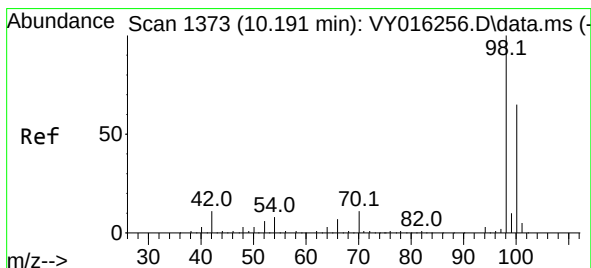
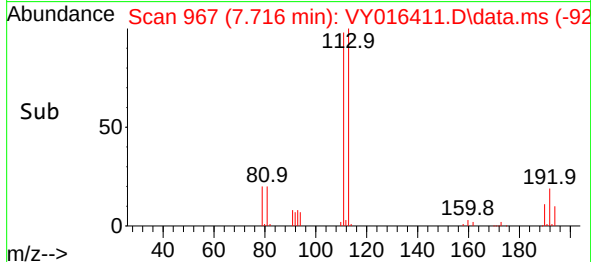
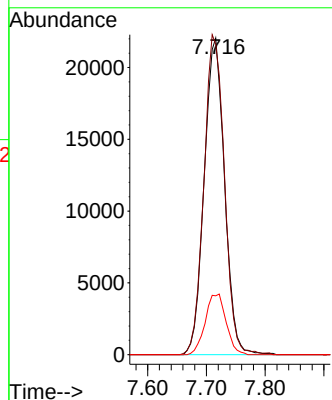
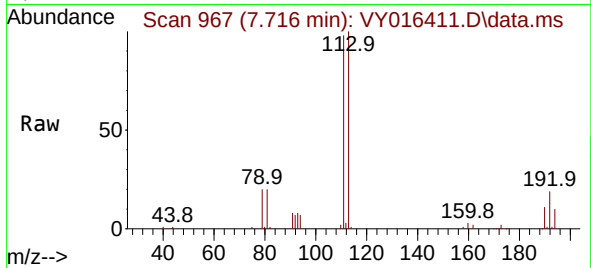




#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

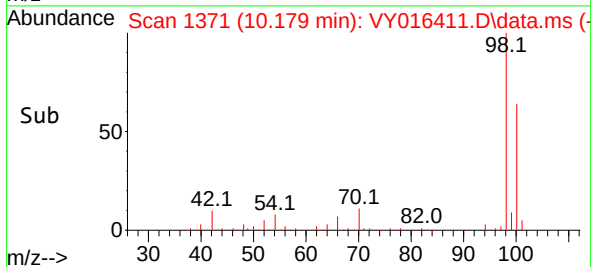
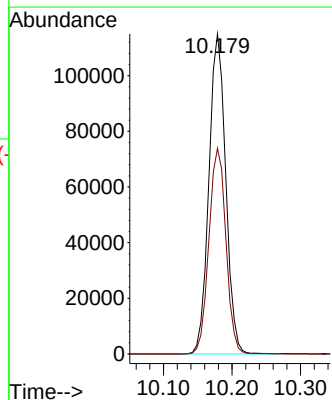
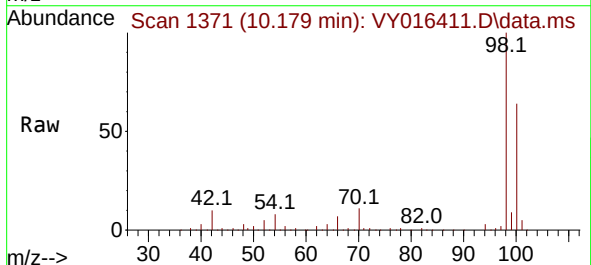
Instrument :
MSVOA_Y
ClientSampleId :
BLK

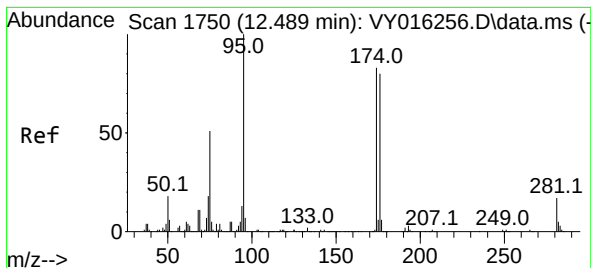
Tgt Ion:113 Resp: 52969
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Tgt Ion: 98 Resp: 196679
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

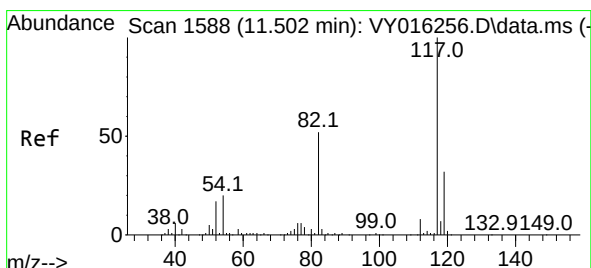
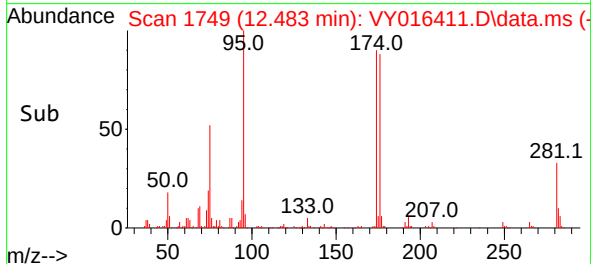
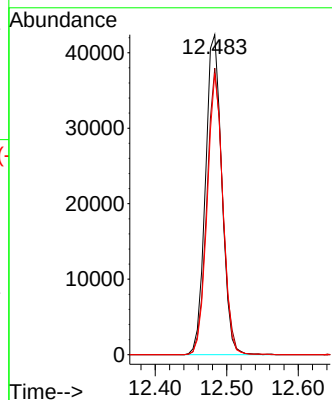
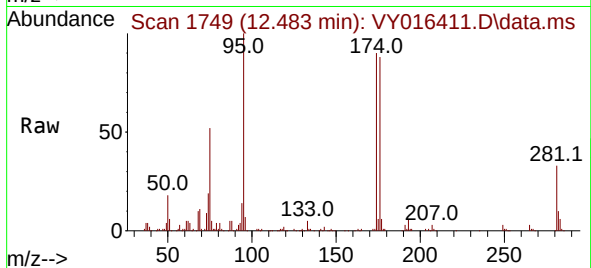




#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

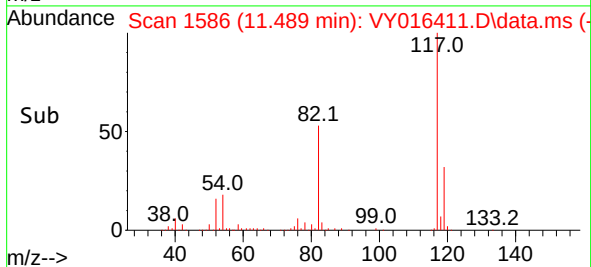
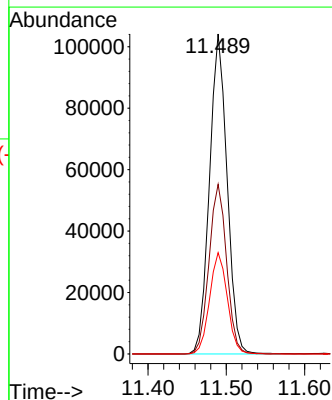
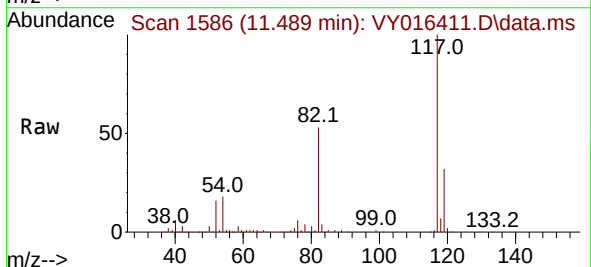
Instrument :
MSVOA_Y
ClientSampleId :
BLK

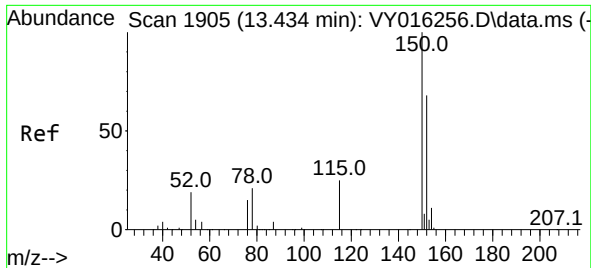
Tgt Ion: 95 Resp: 67335
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Tgt Ion: 117 Resp: 162479
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.6 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: VY016411.D

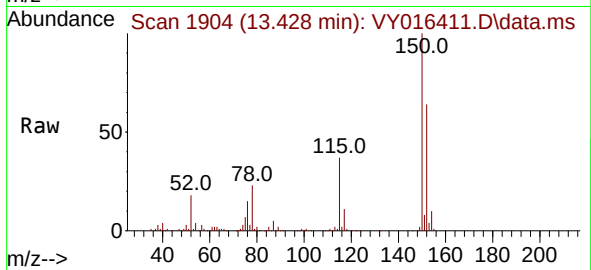
Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:152 Resp: 72462

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.6 0.0 348.8

