

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016508.D
 Acq On : 27 Nov 2023 15:11
 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 28 00:16:36 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)

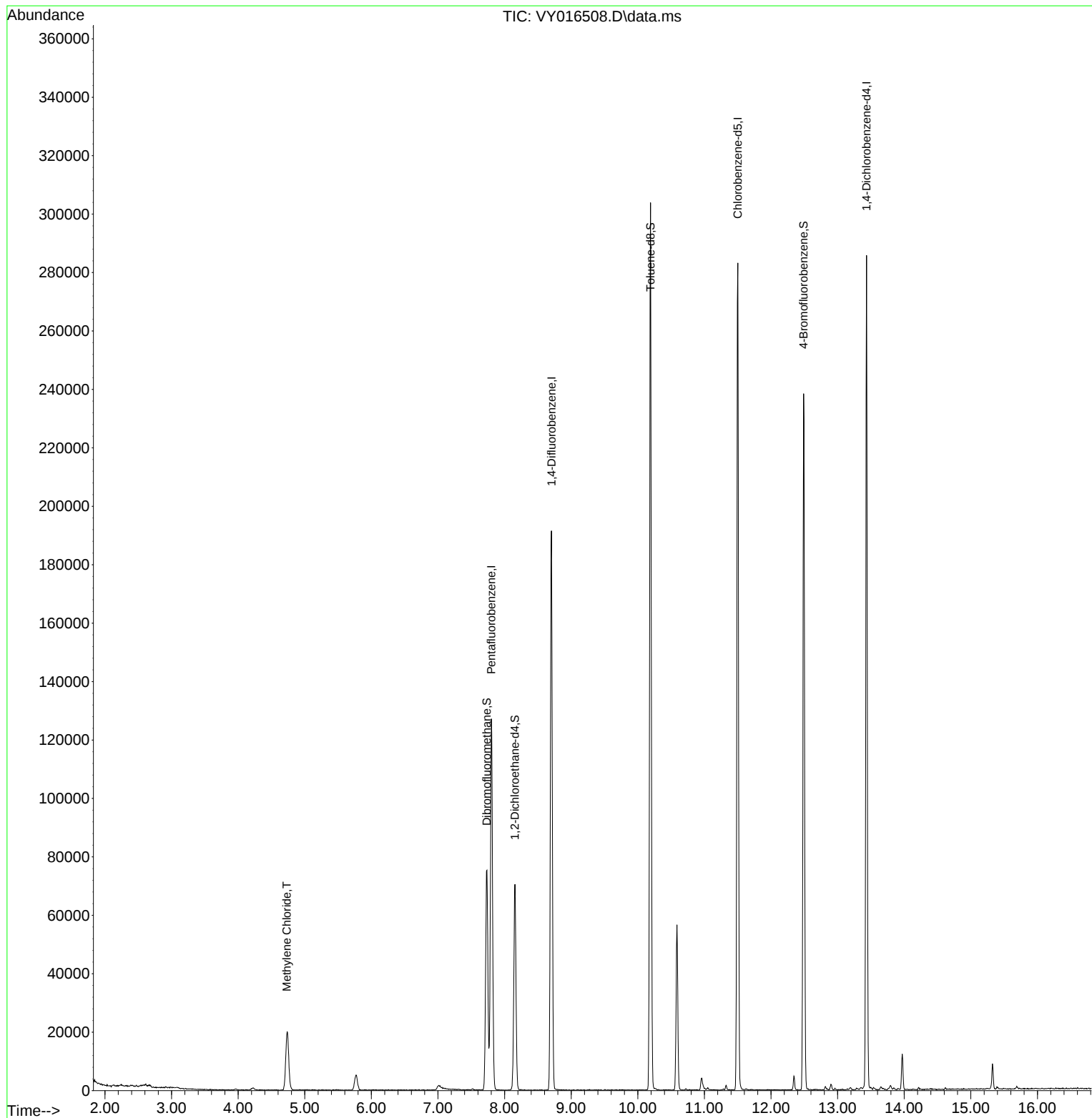
Internal Standards						
1) Pentafluorobenzene	7.801	168	103433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	175970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	56212	59.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.734	113	55188	55.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.191	98	205634	50.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	12.489	95	70060	53.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.420%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.728	84	17555	13.340	ug/l	# 76

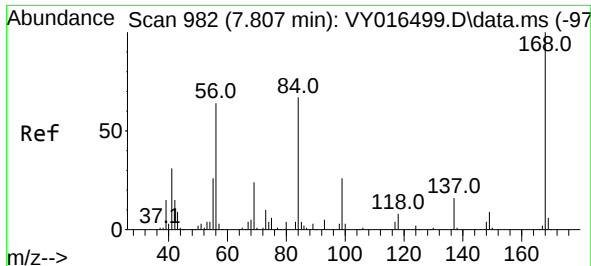
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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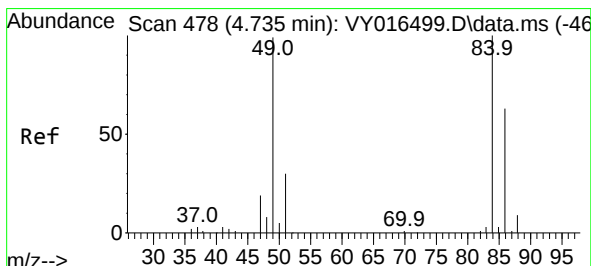
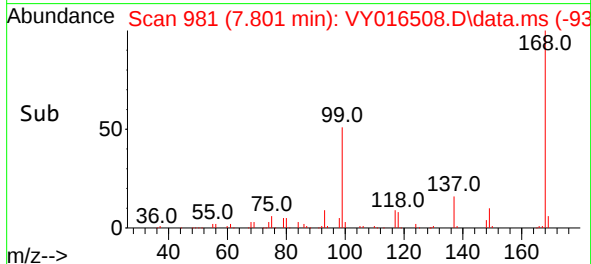
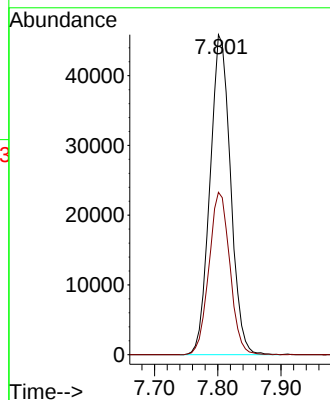
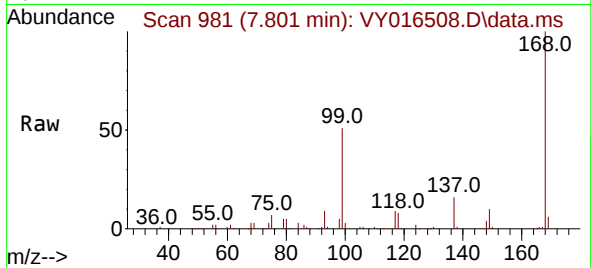




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

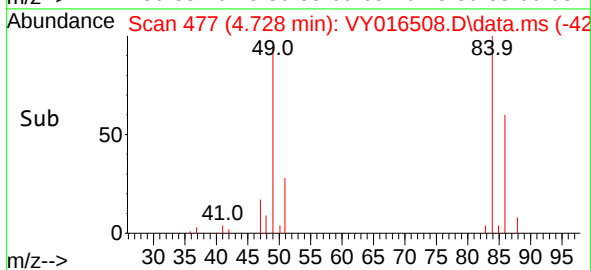
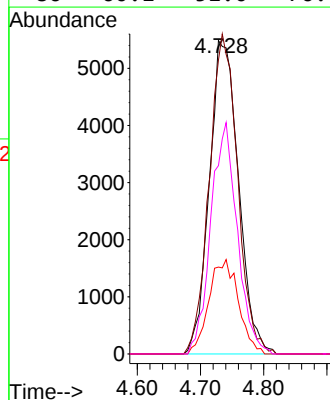
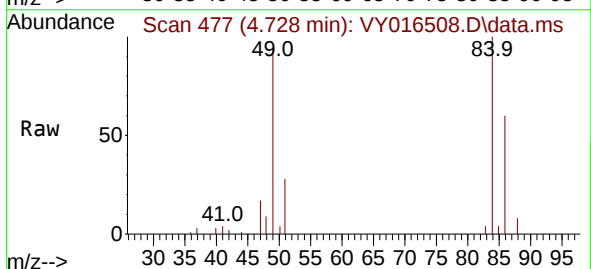
Instrument :
MSVOA_Y
ClientSampleId :
BLK

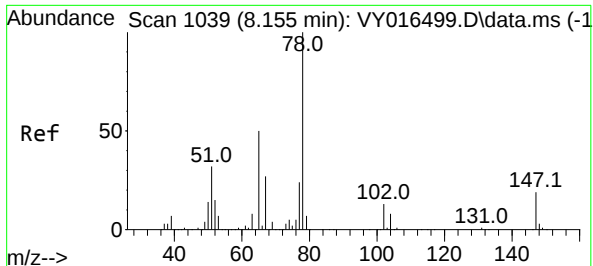
Tgt Ion:168 Resp: 103433
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#20
Methylene Chloride
Concen: 13.340 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

Tgt Ion: 84 Resp: 17555
Ion Ratio Lower Upper
84 100
49 93.7 106.9 160.3#
51 27.7 33.2 49.8#
86 60.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.462 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016508.D

Acq: 27 Nov 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

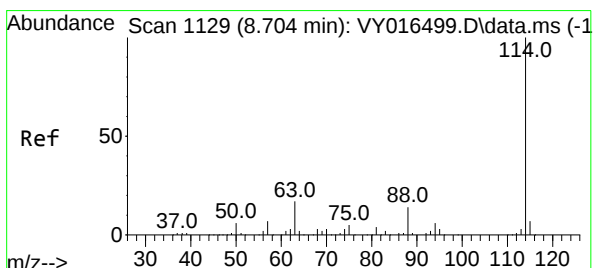
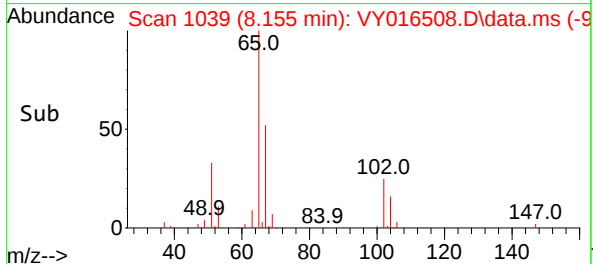
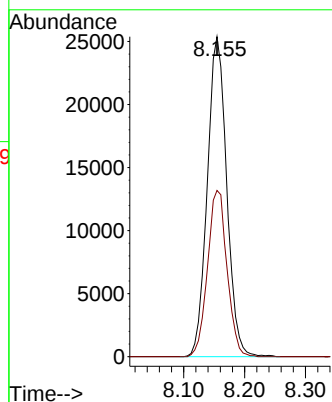
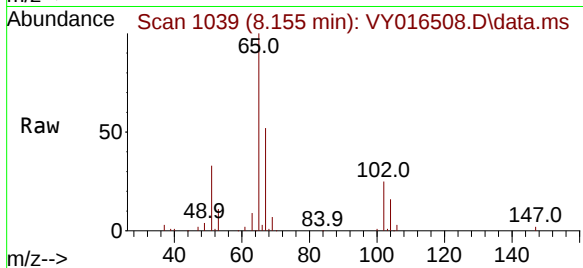
BLK

Tgt Ion: 65 Resp: 56212

Ion Ratio Lower Upper

65 100

67 52.1 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: VY016508.D

Acq: 27 Nov 2023 15:11

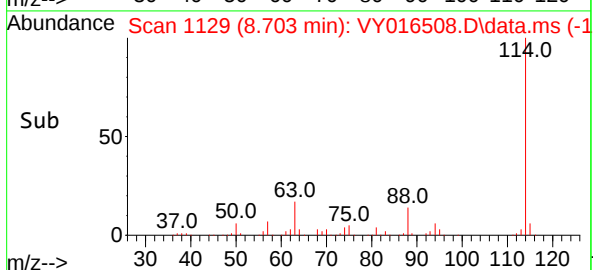
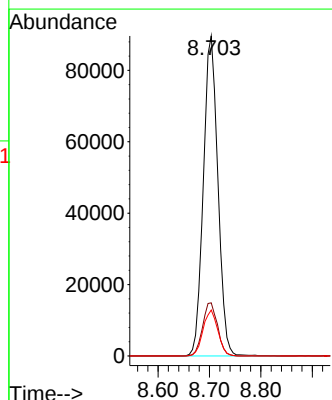
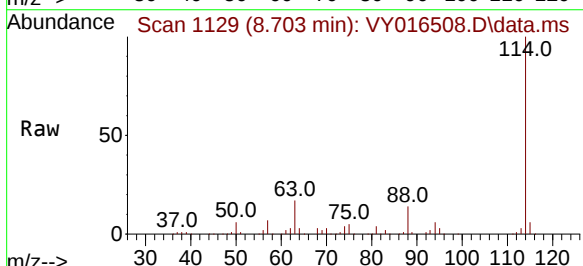
Tgt Ion: 114 Resp: 175970

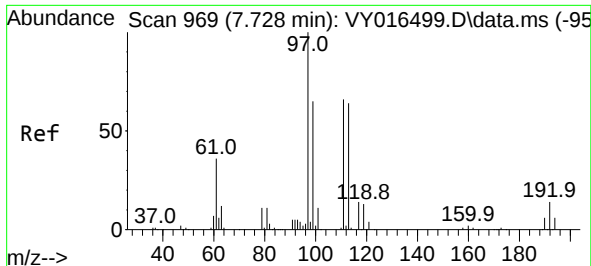
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 14.4 0.0 30.6

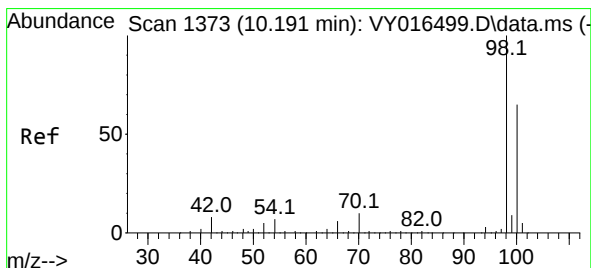
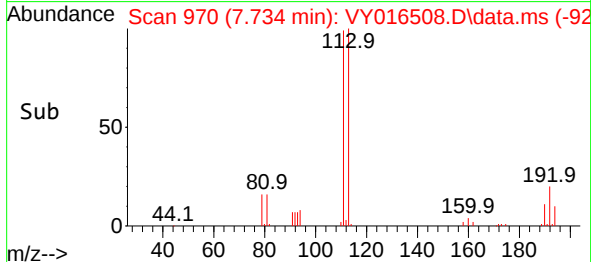
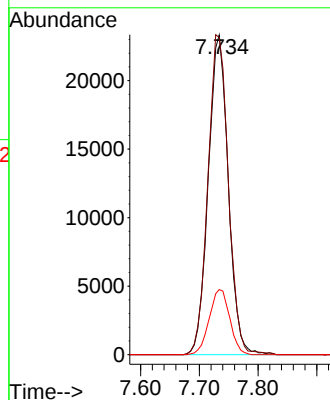
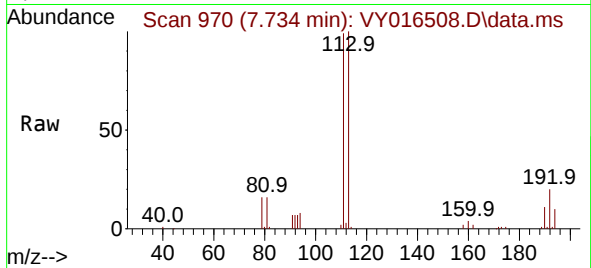




#35
Dibromofluoromethane
Concen: 55.209 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

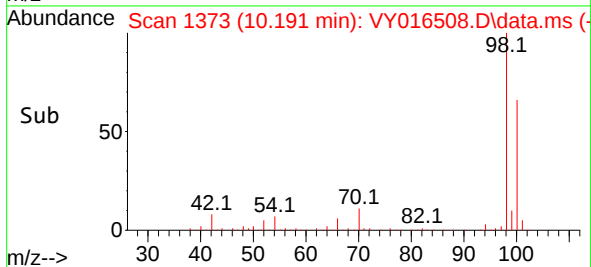
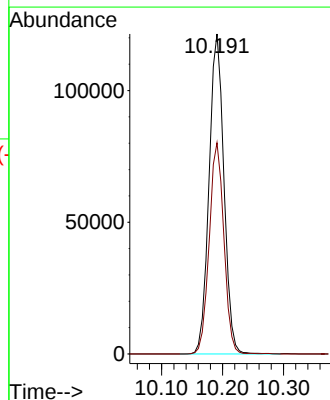
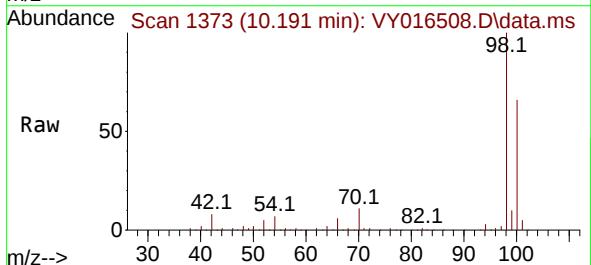
Instrument :
MSVOA_Y
ClientSampleId :
BLK

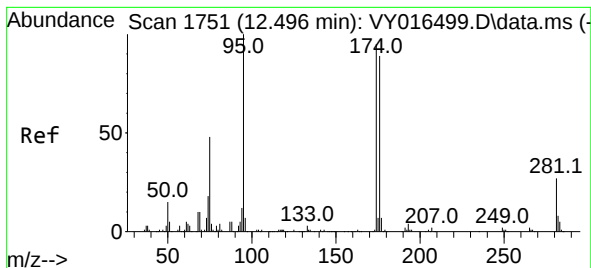
Tgt Ion:113 Resp: 55188
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 50.728 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

Tgt Ion: 98 Resp: 205634
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

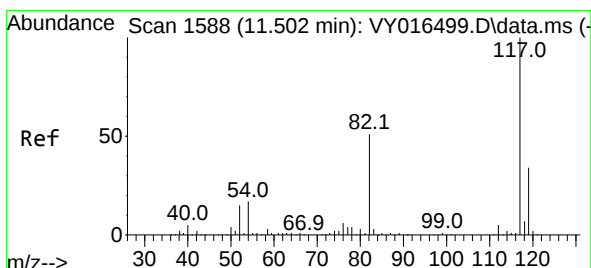
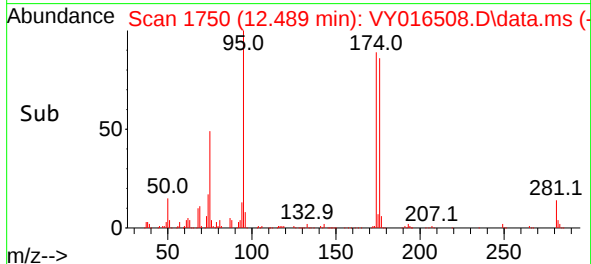
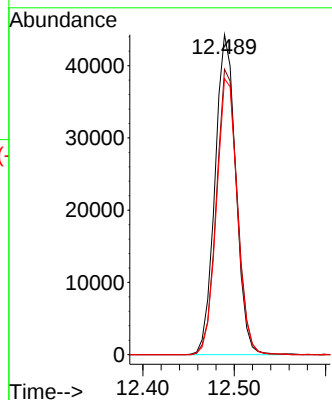
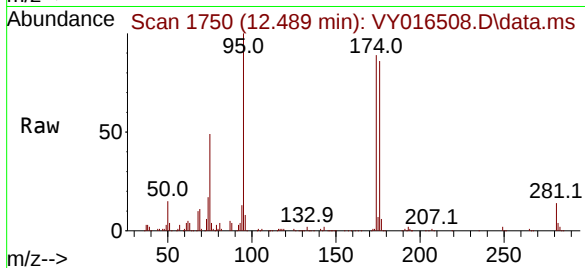




#62
4-Bromofluorobenzene
Concen: 53.214 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

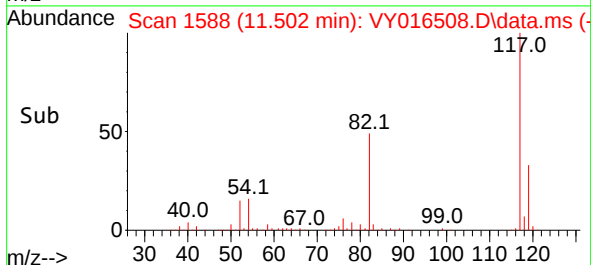
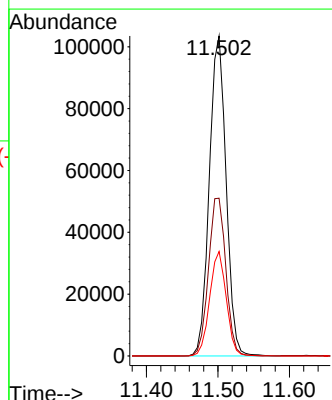
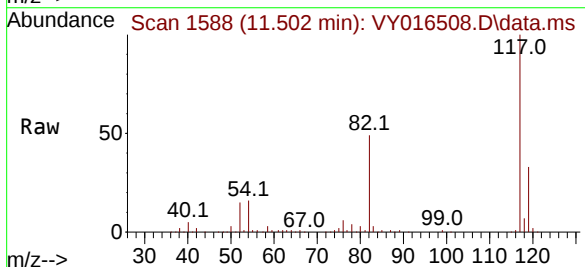
Instrument :
MSVOA_Y
ClientSampleId :
BLK

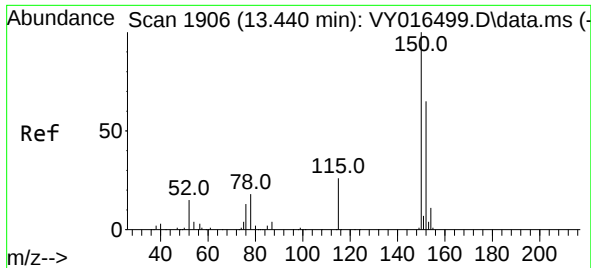
Tgt Ion: 95 Resp: 70060
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 86.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016508.D
Acq: 27 Nov 2023 15:11

Tgt Ion: 117 Resp: 168701
Ion Ratio Lower Upper
117 100
82 49.3 43.4 65.0
119 32.6 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: VY016508.D

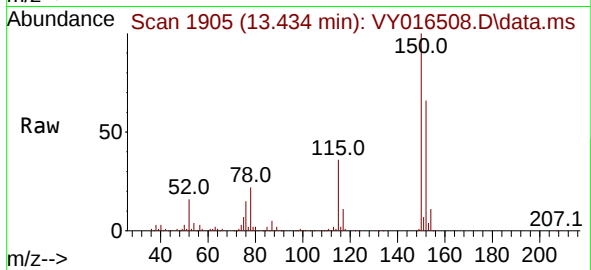
Acq: 27 Nov 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:152 Resp: 76982

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 154.9 0.0 348.8

