

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016240.D
 Acq On : 06 Nov 2023 16:30
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 06 23:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

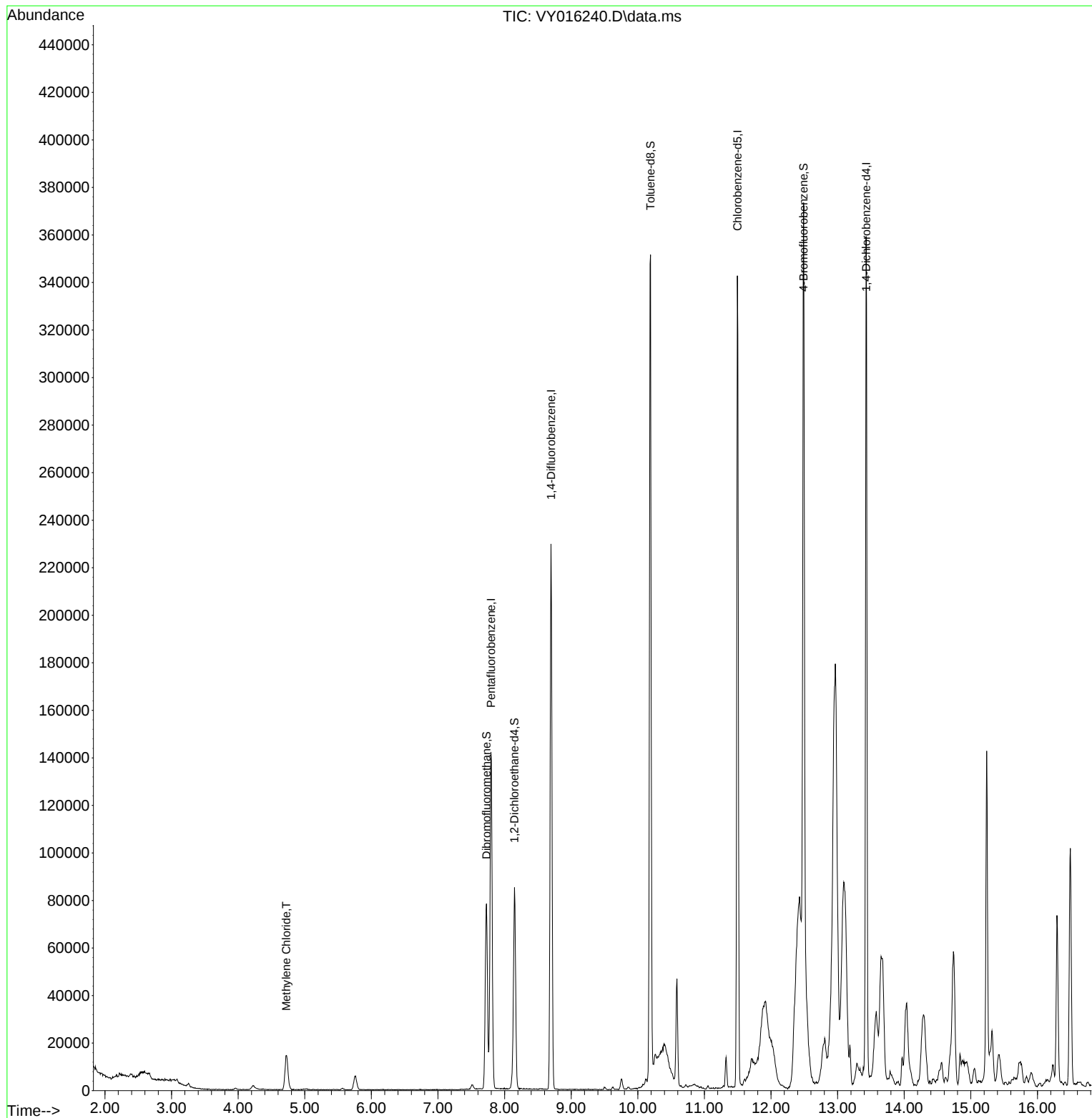
Internal Standards						
1) Pentafluorobenzene	7.795	168	113000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62854	59.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.880%
35) Dibromofluoromethane	7.728	113	56172	47.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.191	98	232721	49.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.489	95	86494	54.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.620%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	11424	8.068	ug/l #	84

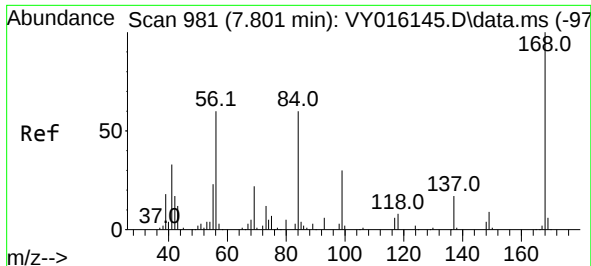
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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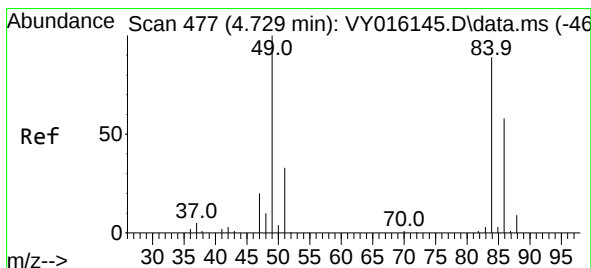
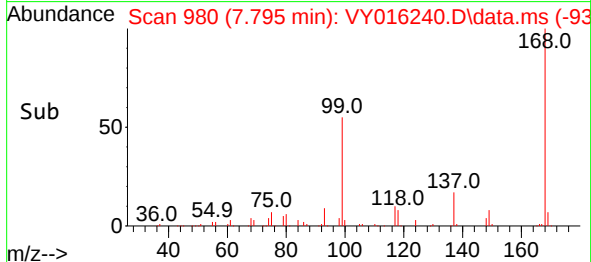
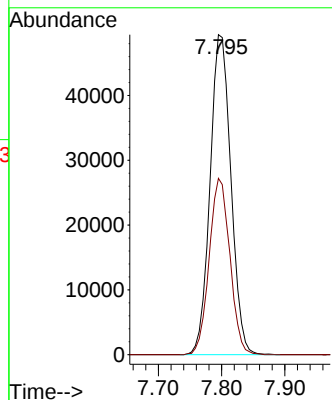
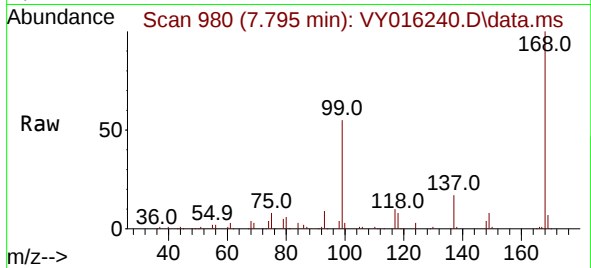




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

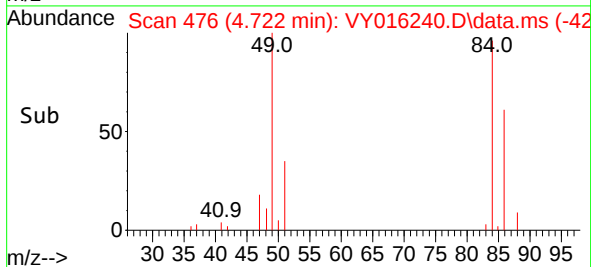
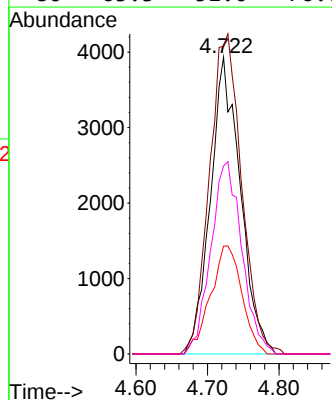
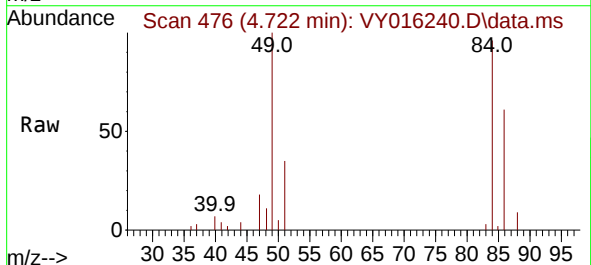
Instrument :
MSVOA_Y
ClientSampleId :
BLK

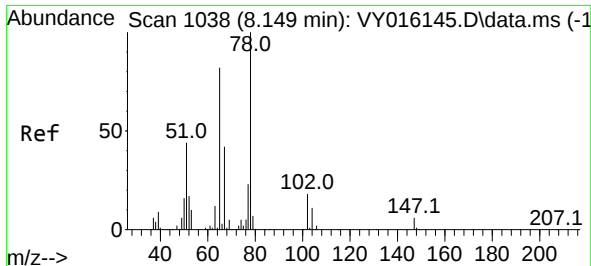
Tgt Ion:168 Resp: 113000
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#20
Methylene Chloride
Concen: 8.068 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 84 Resp: 11424
Ion Ratio Lower Upper
84 100
49 103.7 106.9 160.3#
51 36.3 33.2 49.8
86 63.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.443 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

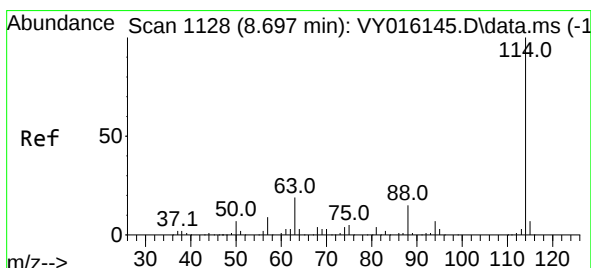
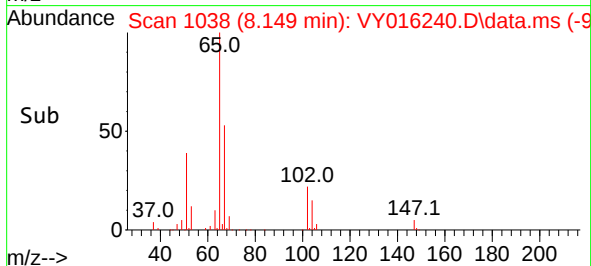
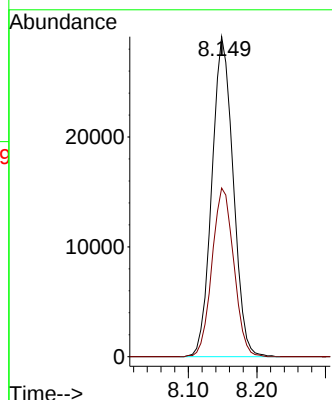
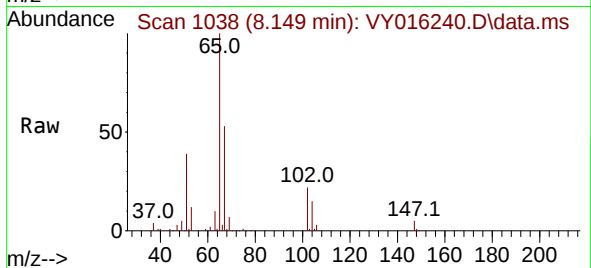
BLK

Tgt Ion: 65 Resp: 62854

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016240.D

Acq: 06 Nov 2023 16:30

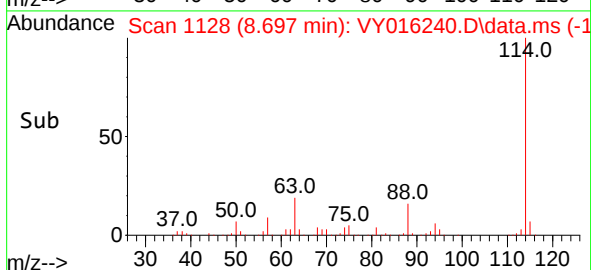
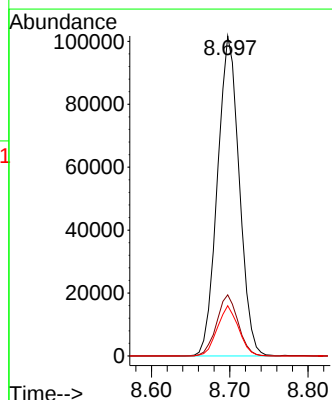
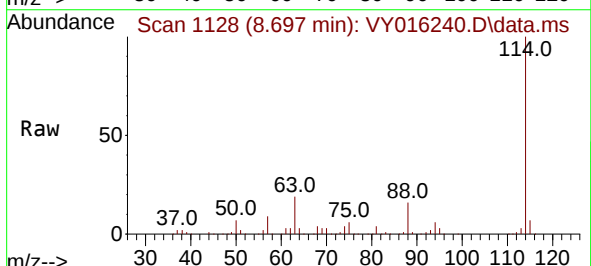
Tgt Ion: 114 Resp: 197045

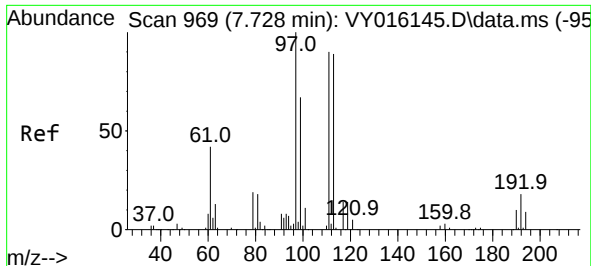
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6

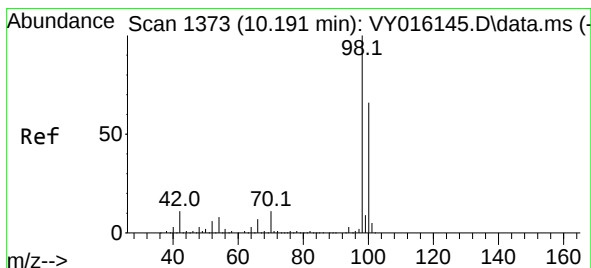
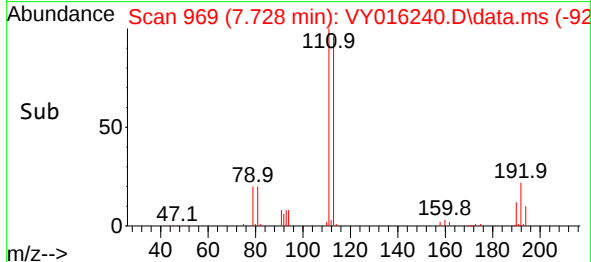
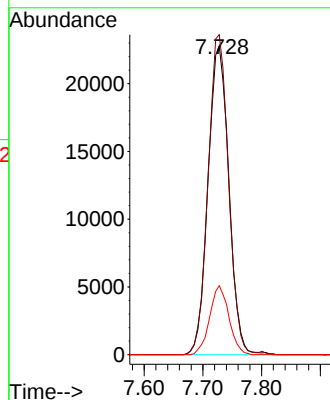
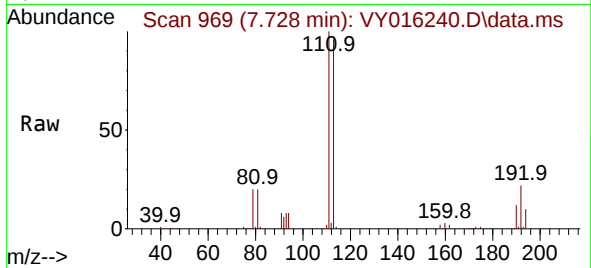




#35
Dibromofluoromethane
Concen: 47.817 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

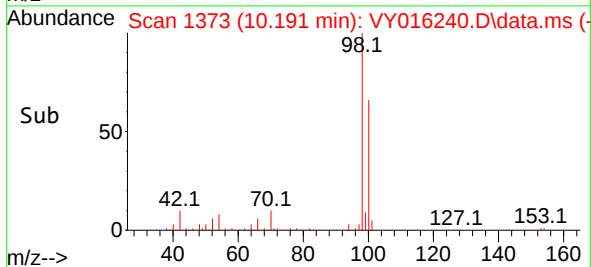
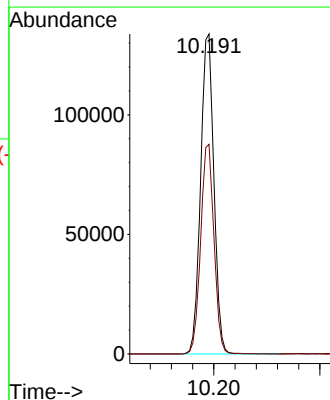
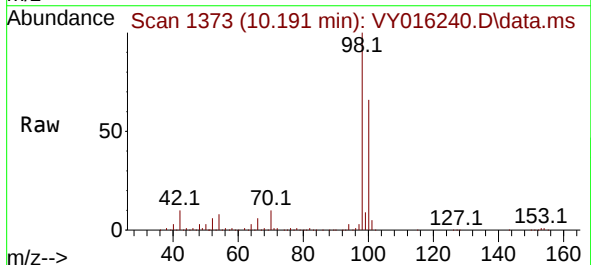
Instrument :
MSVOA_Y
ClientSampleId :
BLK

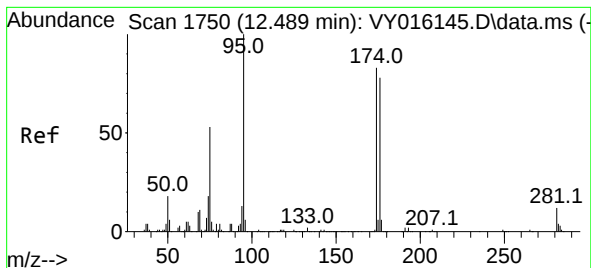
Tgt Ion:113 Resp: 56172
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 49.966 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 98 Resp: 232721
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

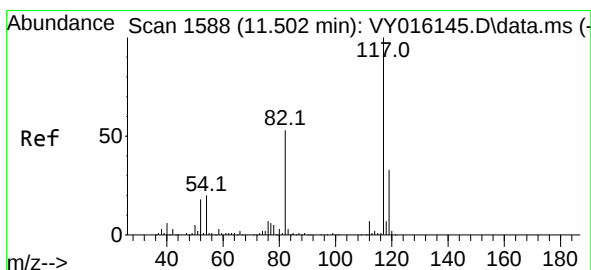
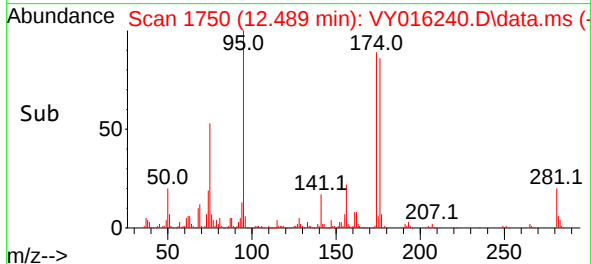
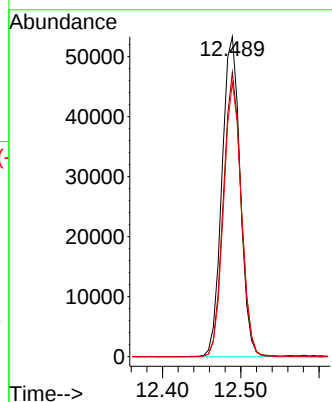
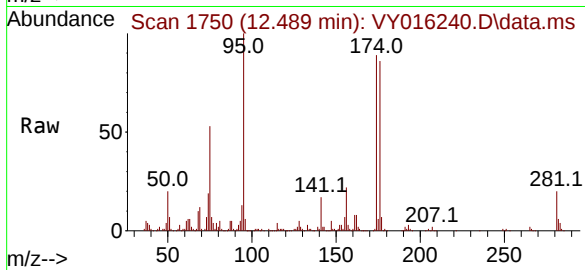




#62
4-Bromofluorobenzene
Concen: 54.309 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

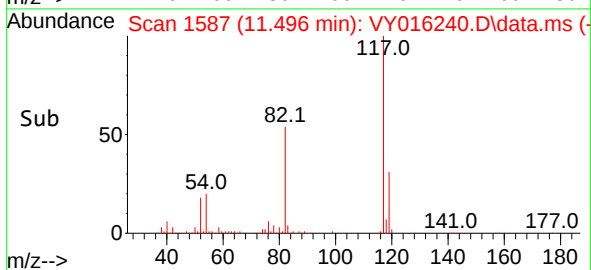
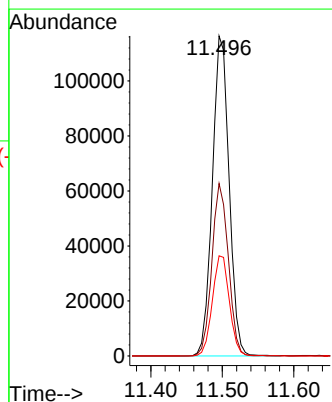
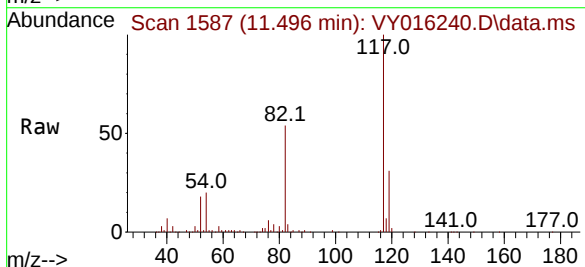
Instrument :
MSVOA_Y
ClientSampleId :
BLK

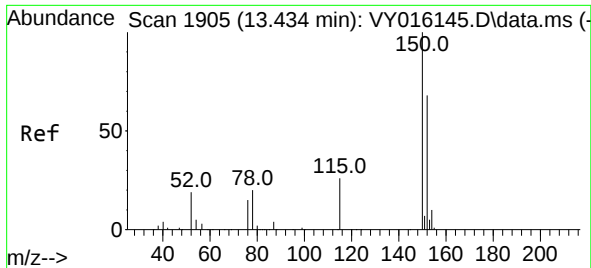
Tgt Ion: 95 Resp: 86494
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016240.D
Acq: 06 Nov 2023 16:30

Tgt Ion: 117 Resp: 189220
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.3 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: VY016240.D
 Acq: 06 Nov 2023 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.8	86.5
150	155.2	0.0	348.8

