

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016214.D
 Acq On : 03 Nov 2023 15:23
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 03 23:03:09 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)

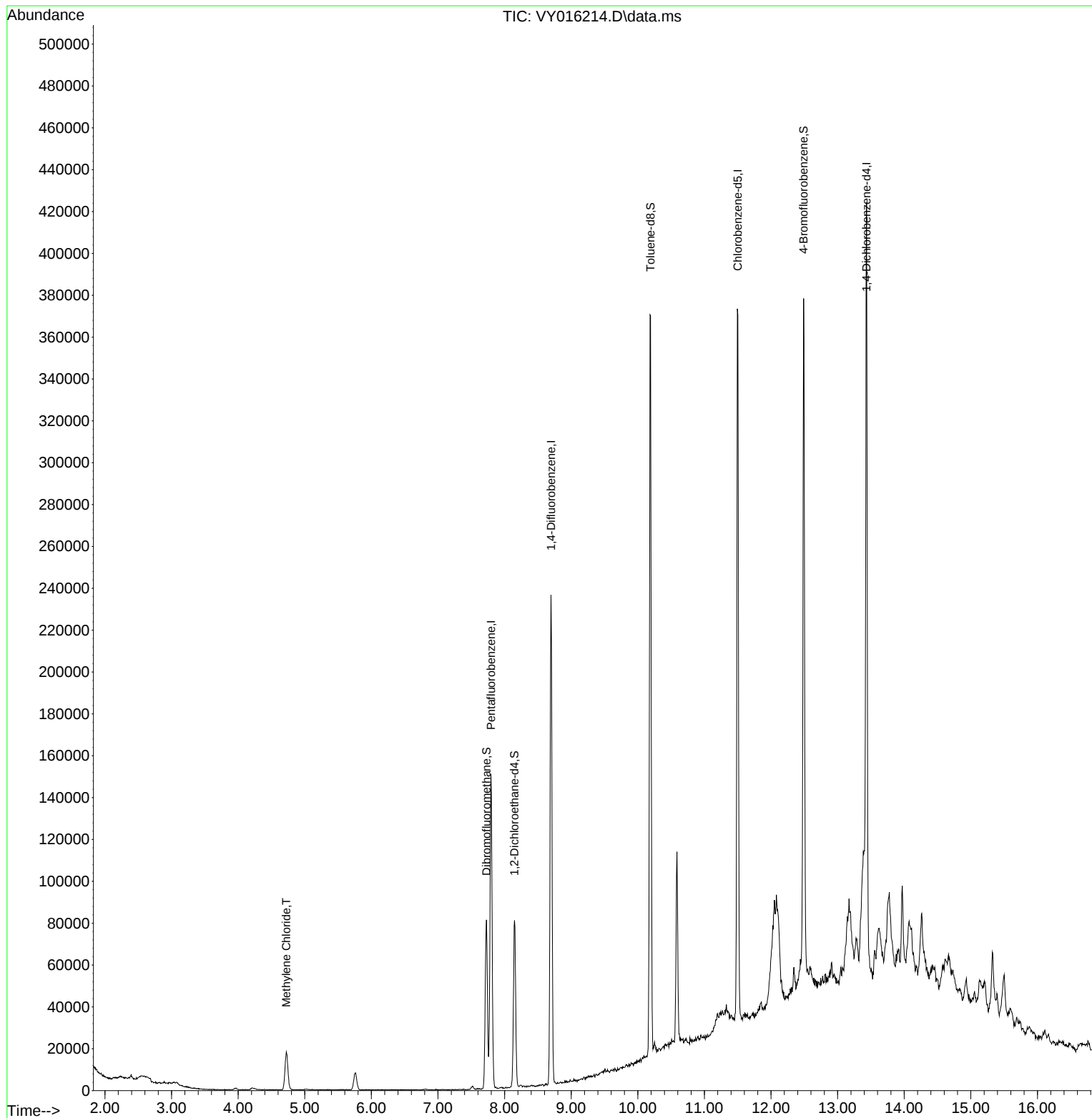
Internal Standards						
1) Pentafluorobenzene	7.795	168	117123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	192899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63583	58.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.728	113	56708	46.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.960%
50) Toluene-d8	10.191	98	241083	49.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.489	95	91055	55.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	14576	10.681	ug/l	88

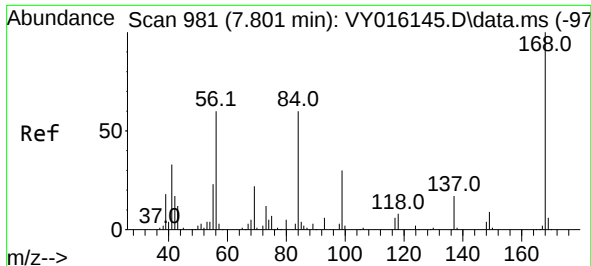
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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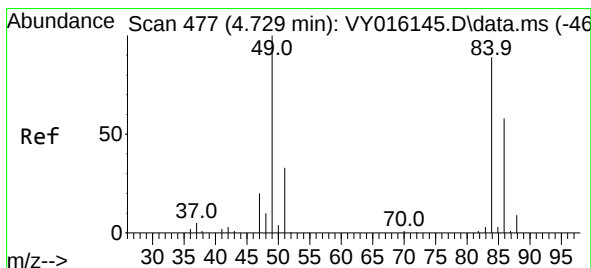
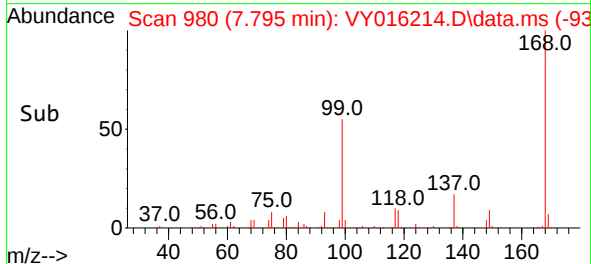
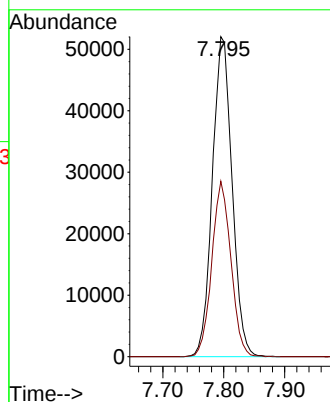
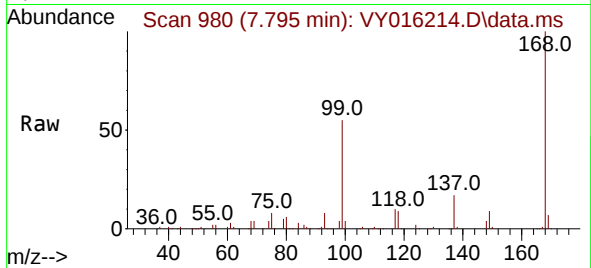




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

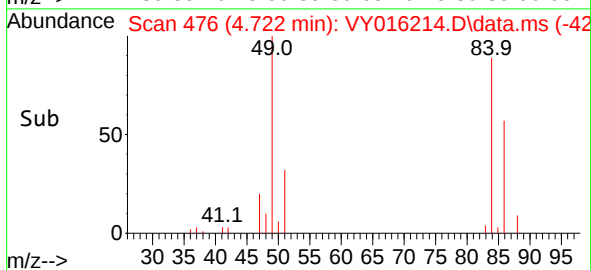
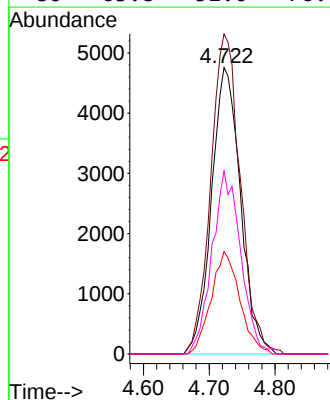
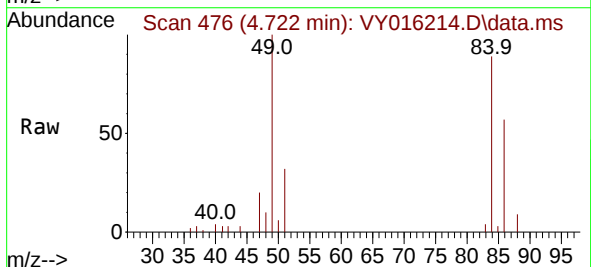
Instrument :
MSVOA_Y
ClientSampleId :
BLK

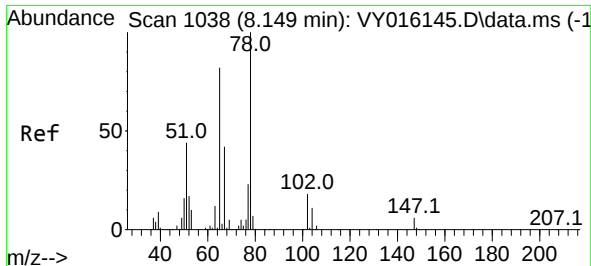
Tgt Ion:168 Resp: 117123
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#20
Methylene Chloride
Concen: 10.681 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 84 Resp: 14576
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 35.8 33.2 49.8
86 63.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.016 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016214.D

Acq: 03 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

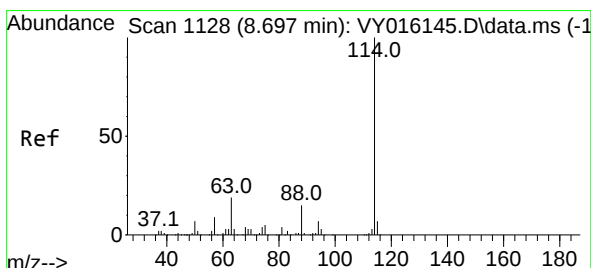
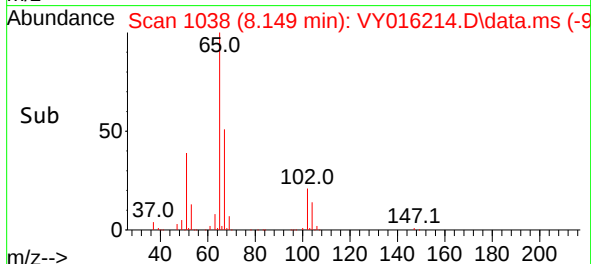
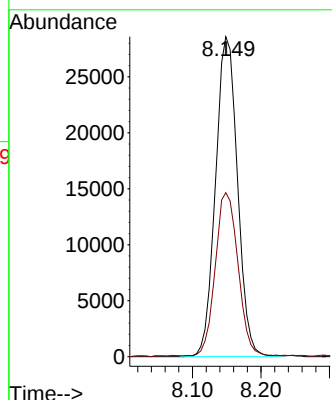
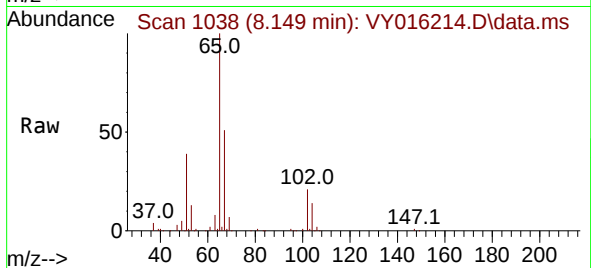
BLK

Tgt Ion: 65 Resp: 63583

Ion Ratio Lower Upper

65 100

67 52.4 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: VY016214.D

Acq: 03 Nov 2023 15:23

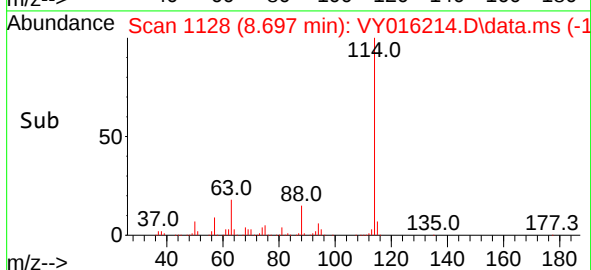
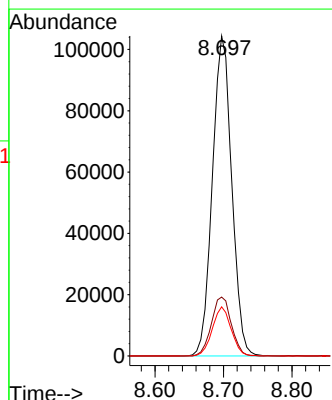
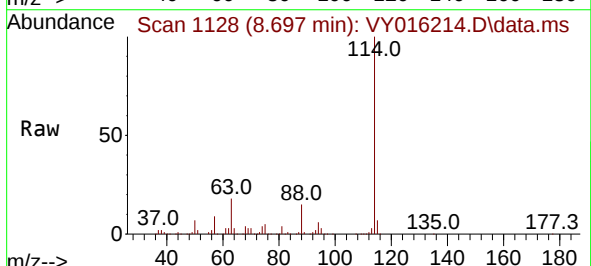
Tgt Ion: 114 Resp: 204660

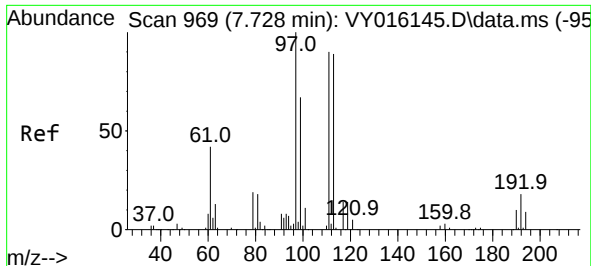
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.3 0.0 30.6

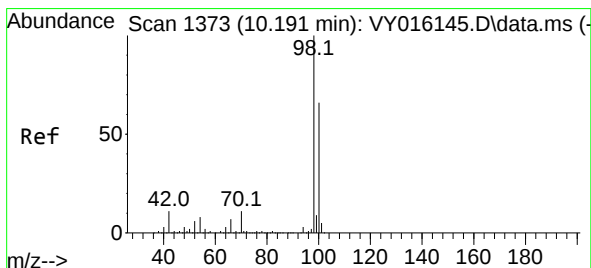
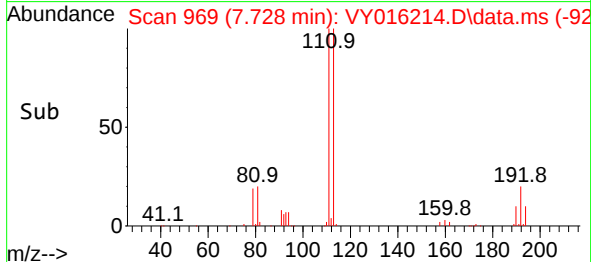
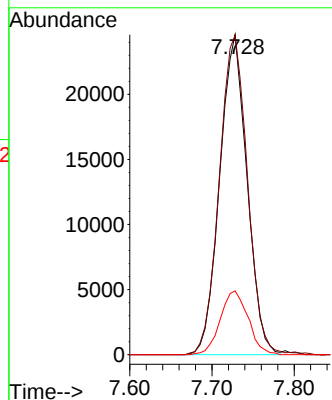
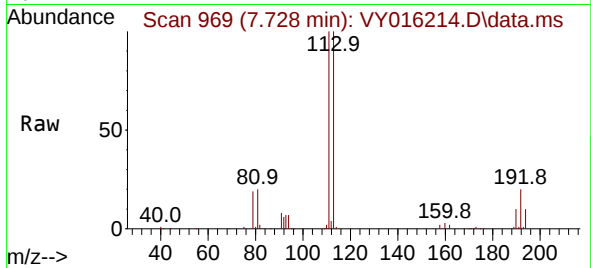




#35
Dibromofluoromethane
Concen: 46.477 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

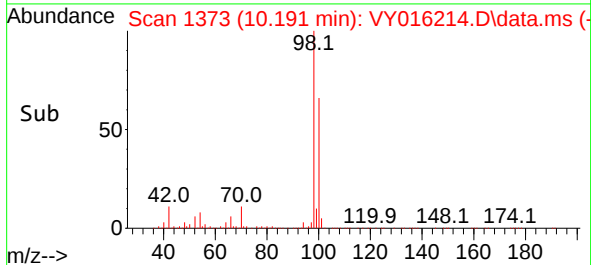
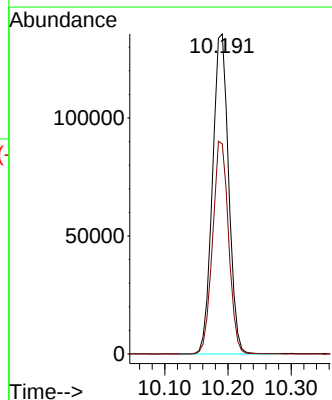
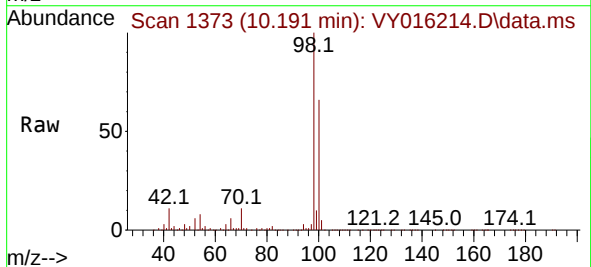
Instrument :
MSVOA_Y
ClientSampleId :
BLK

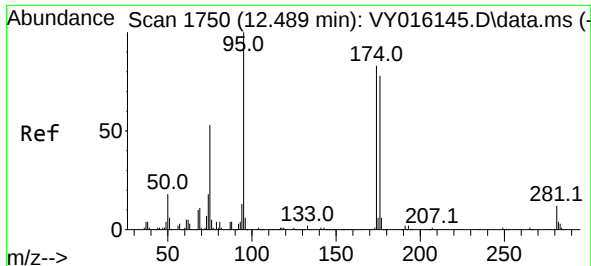
Tgt Ion:113 Resp: 56708
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 49.836 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

Tgt Ion: 98 Resp: 241083
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

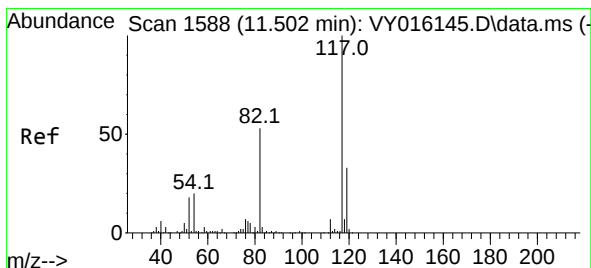
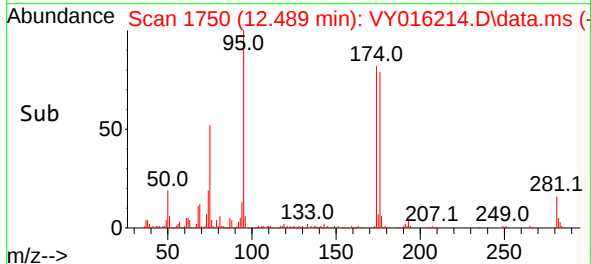
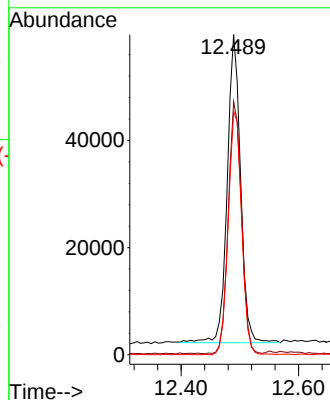
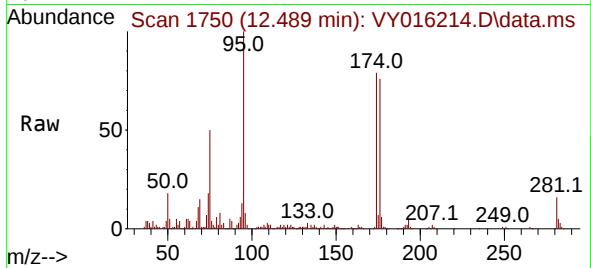




#62
4-Bromofluorobenzene
Concen: 55.045 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

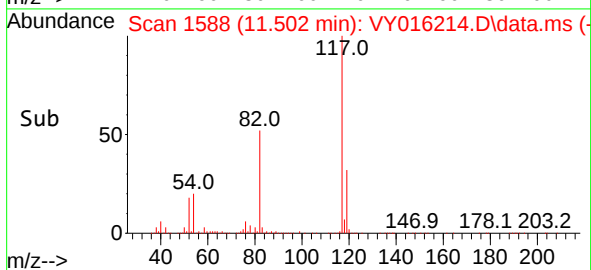
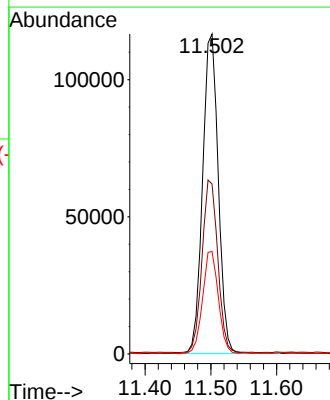
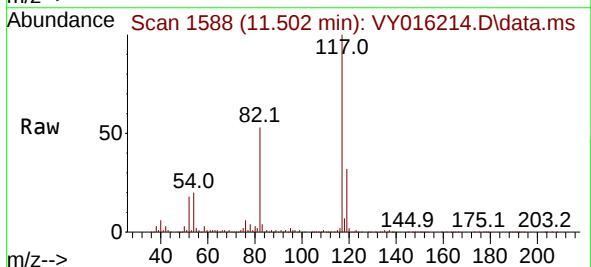
Instrument :
MSVOA_Y
ClientSampleId :
BLK

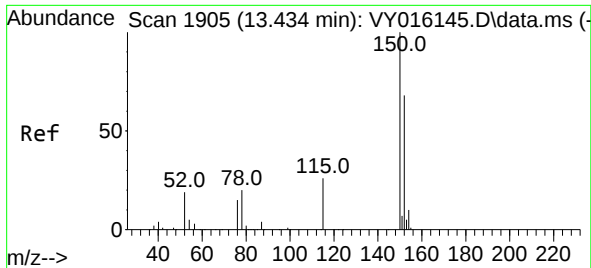
Tgt Ion: 95 Resp: 91055
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 79.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016214.D
Acq: 03 Nov 2023 15:23

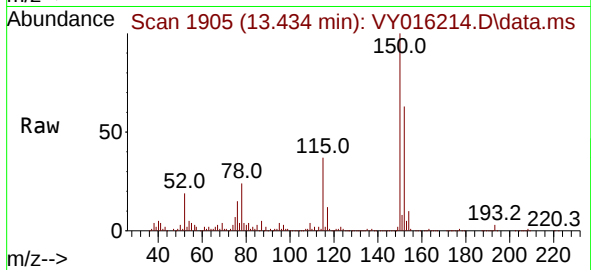
Tgt Ion: 117 Resp: 192899
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016214.D
 Acq: 03 Nov 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK



Tgt Ion:152 Resp: 92845
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 153.9 0.0 348.8

