

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014058.D
 Acq On : 07 Jun 2023 14:32
 Operator : KP/MD
 Sample : 03069-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB35B

Quant Time: Jun 08 02:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

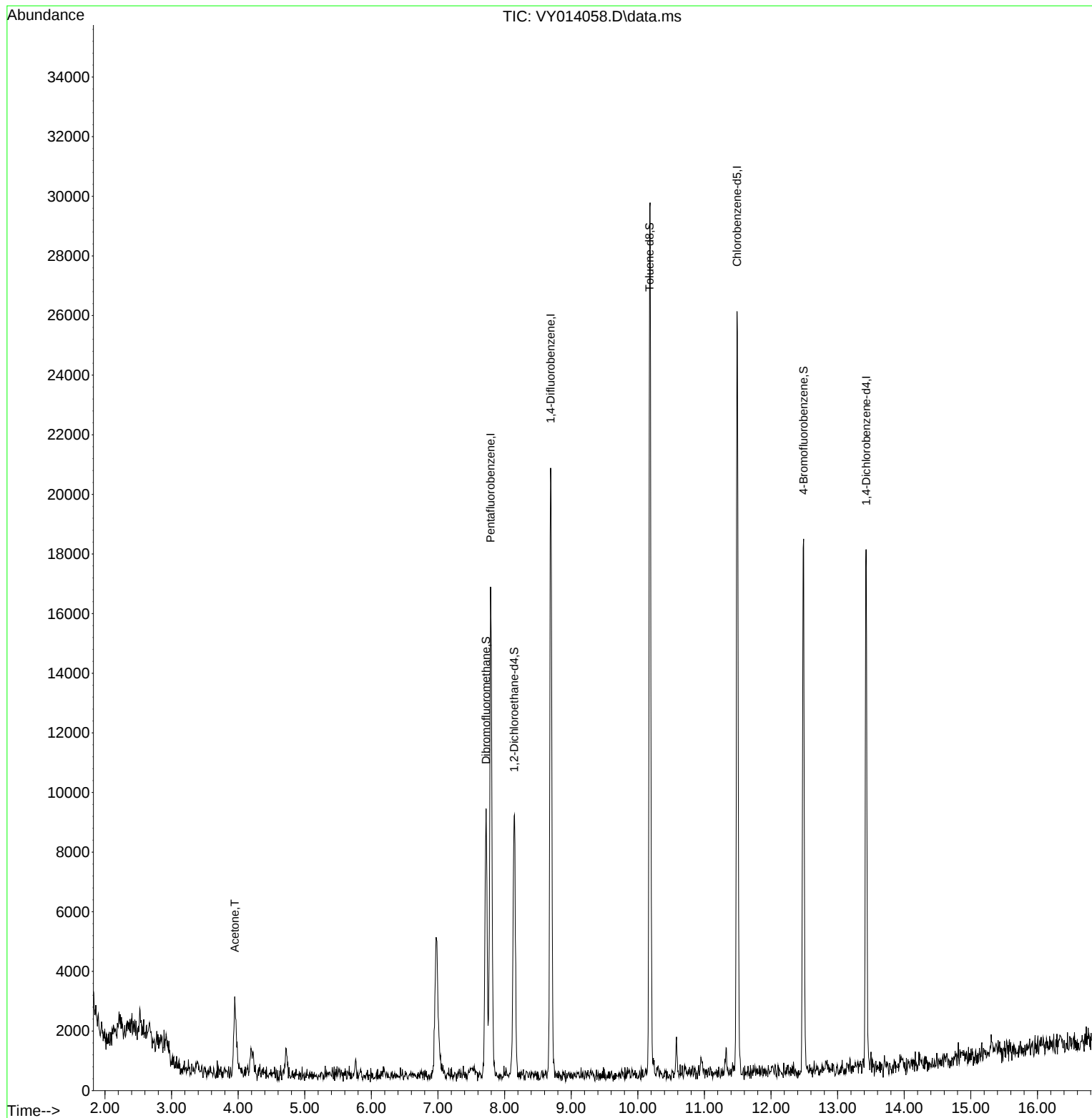
Internal Standards						
1) Pentafluorobenzene	7.789	168	13094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7376	42.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.100%
35) Dibromofluoromethane	7.722	113	6486	57.827	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.660%
50) Toluene-d8	10.179	98	20871	48.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.489	95	5004	34.308	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.620%
Target Compounds						
16) Acetone	3.948	43	4637	78.191	ug/l	Qvalue # 87

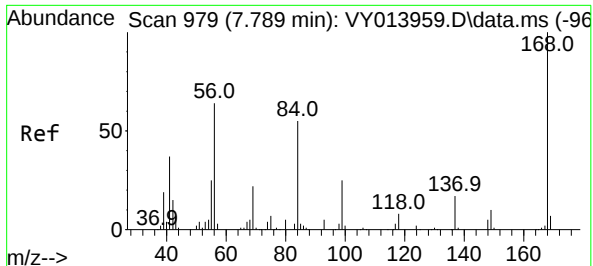
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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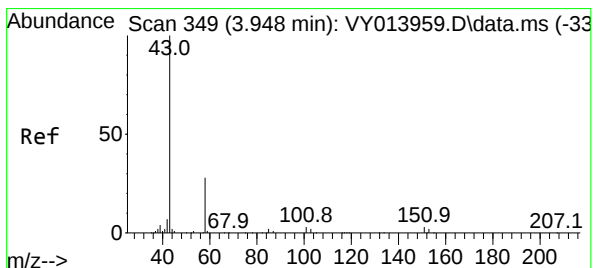
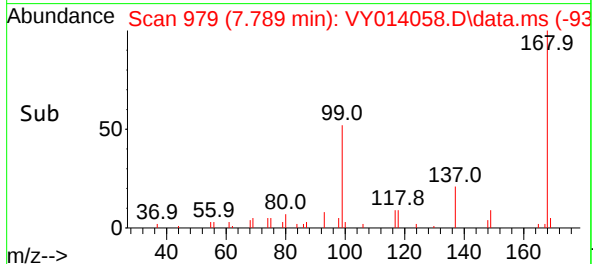
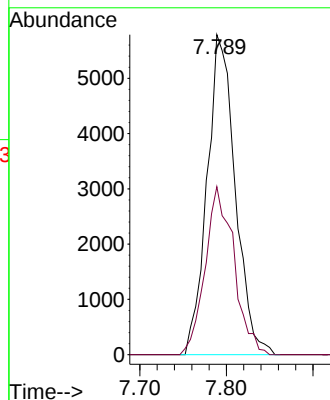
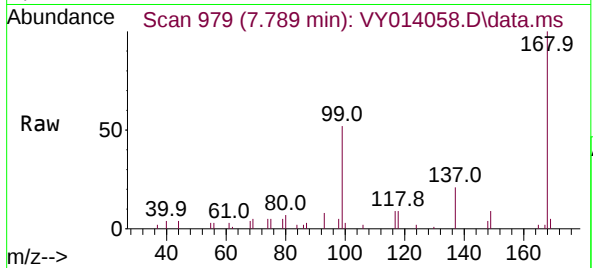




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014058.D
Acq: 07 Jun 2023 14:32

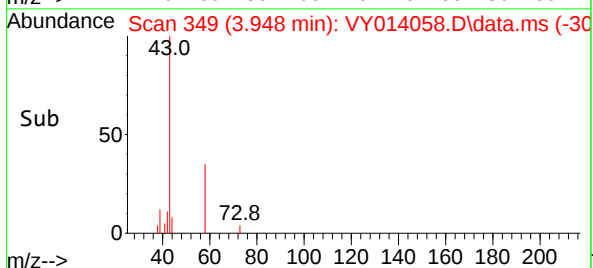
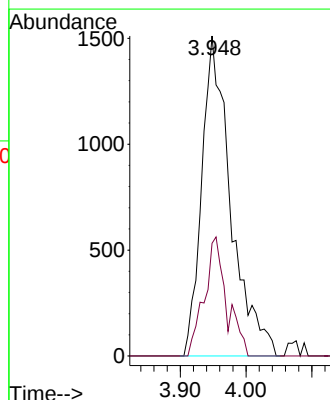
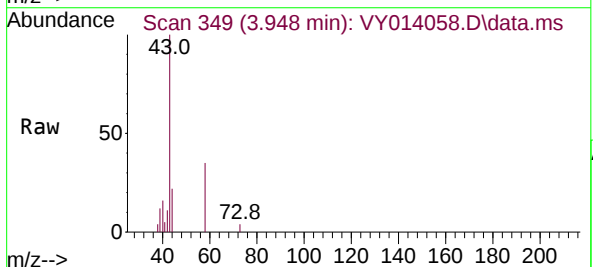
Instrument :
MSVOA_Y
ClientSampleId :
SB35B

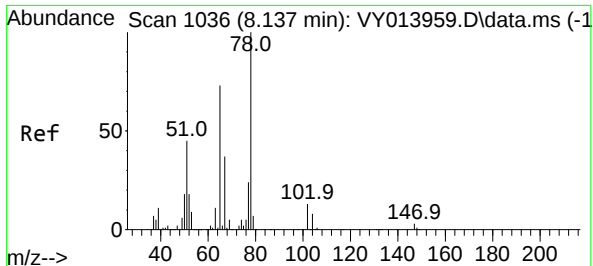
Tgt Ion:168 Resp: 13094
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 78.191 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014058.D
Acq: 07 Jun 2023 14:32

Tgt Ion: 43 Resp: 4637
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 42.554 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY014058.D

Acq: 07 Jun 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

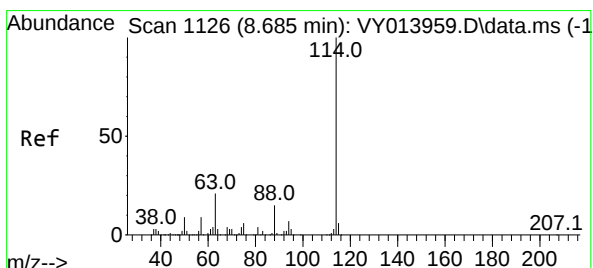
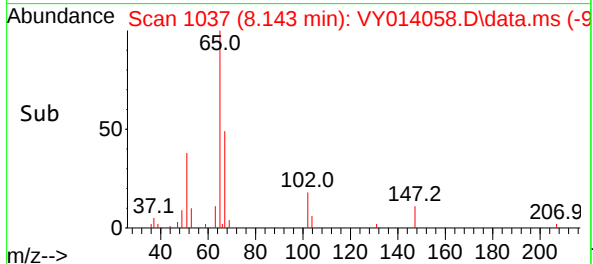
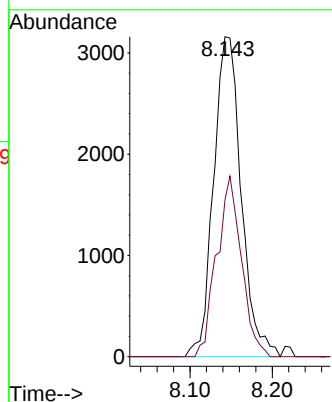
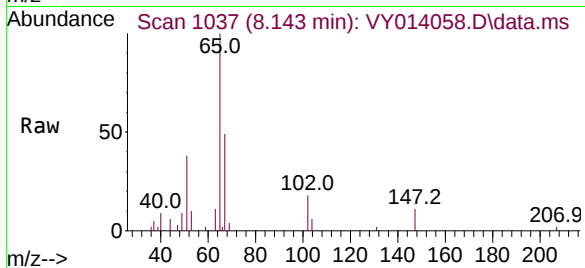
SB35B

Tgt Ion: 65 Resp: 7376

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014058.D

Acq: 07 Jun 2023 14:32

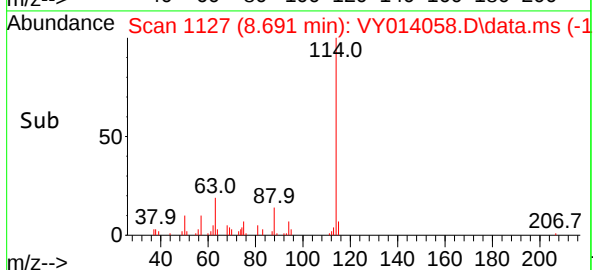
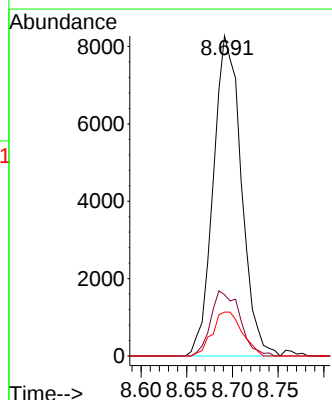
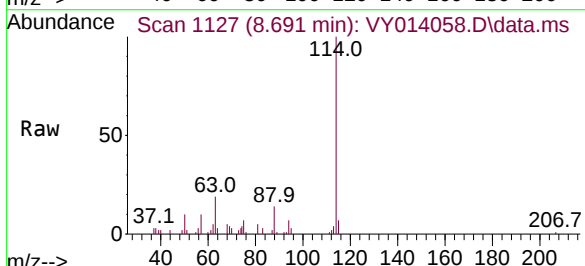
Tgt Ion: 114 Resp: 17649

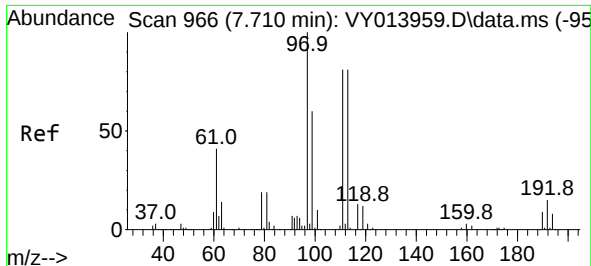
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 13.7 0.0 30.6

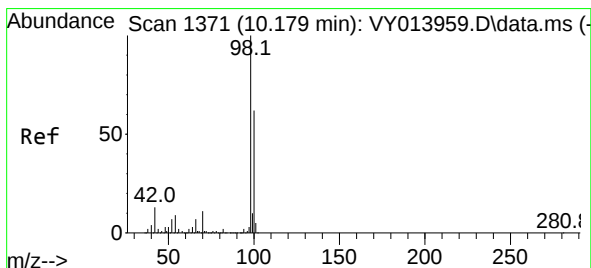
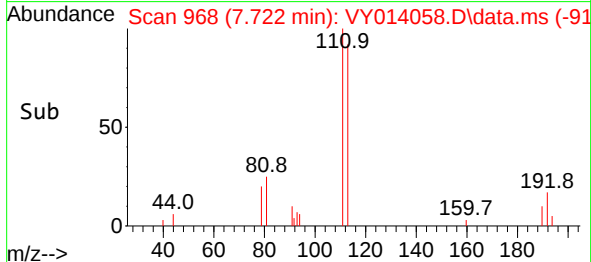
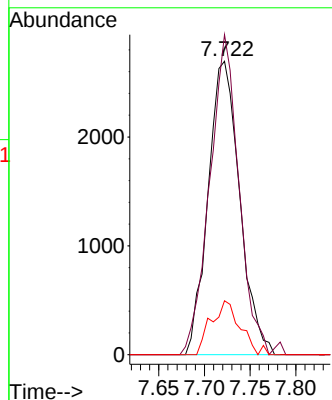
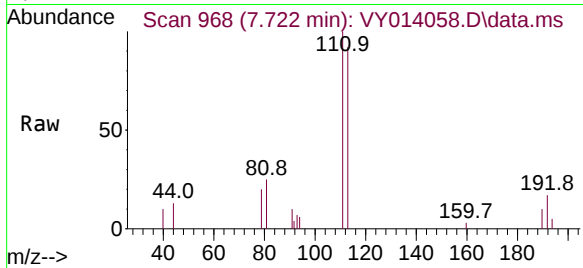




#35
 Dibromofluoromethane
 Concen: 57.827 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY014058.D
 Acq: 07 Jun 2023 14:32

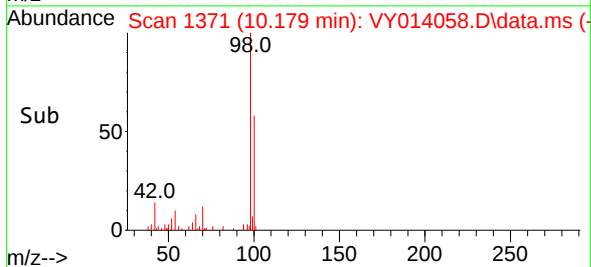
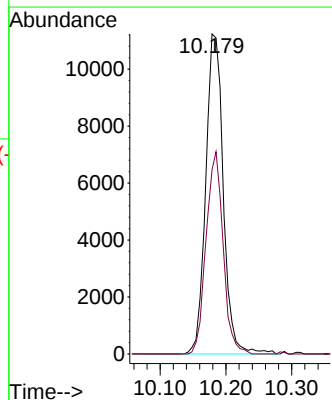
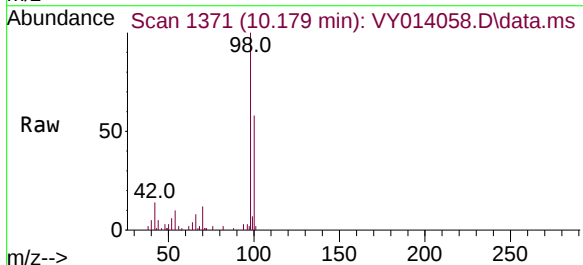
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB35B

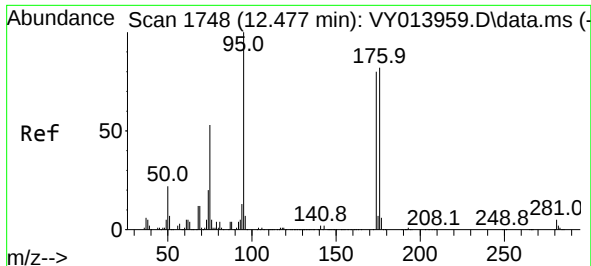
Tgt Ion:113 Resp: 6486
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.3 121.9
 192 16.9 16.9 25.3#



#50
 Toluene-d8
 Concen: 48.783 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014058.D
 Acq: 07 Jun 2023 14:32

Tgt Ion: 98 Resp: 20871
 Ion Ratio Lower Upper
 98 100
 100 61.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 34.308 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY014058.D

Acq: 07 Jun 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

SB35B

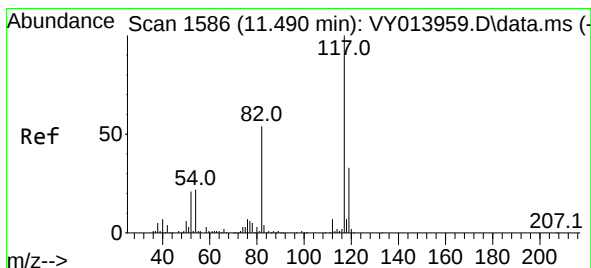
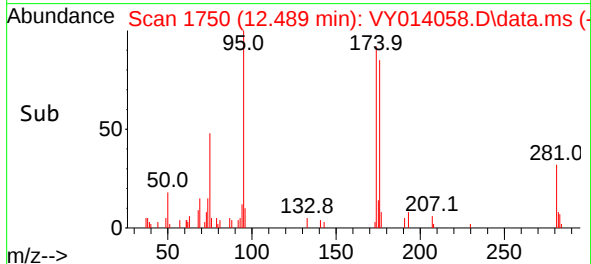
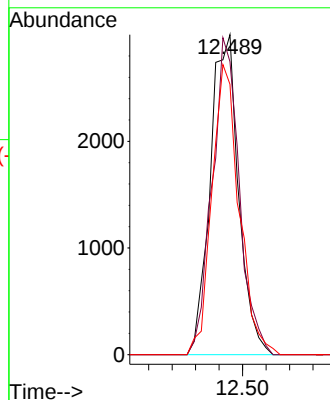
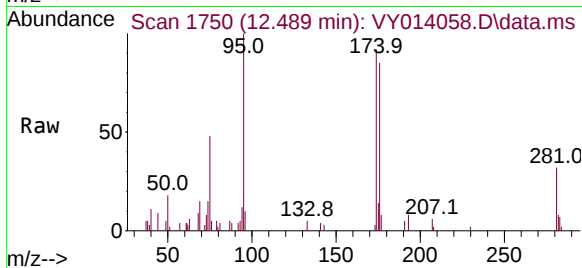
Tgt Ion: 95 Resp: 5004

Ion Ratio Lower Upper

95 100

174 95.4 0.0 178.2

176 87.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY014058.D

Acq: 07 Jun 2023 14:32

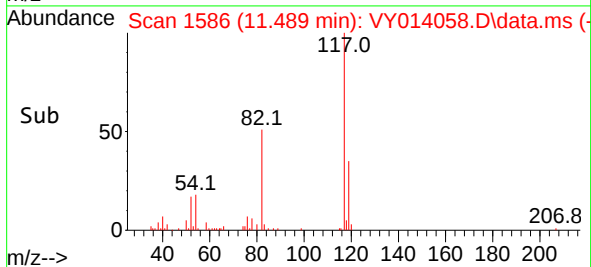
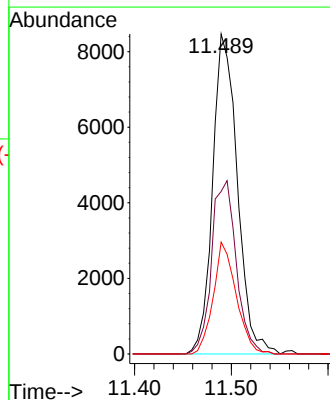
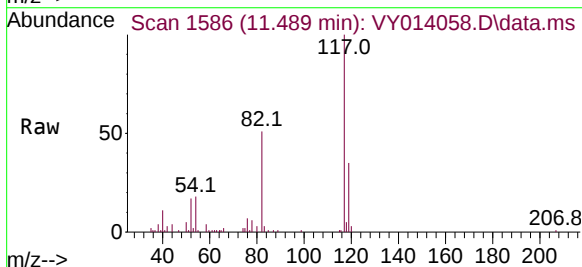
Tgt Ion: 117 Resp: 15027

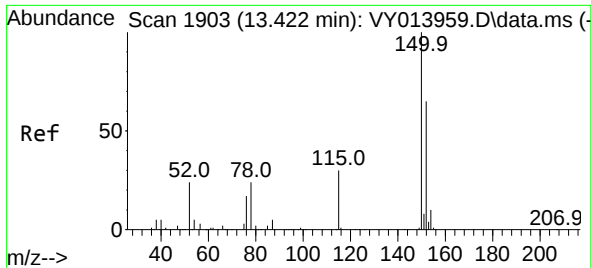
Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

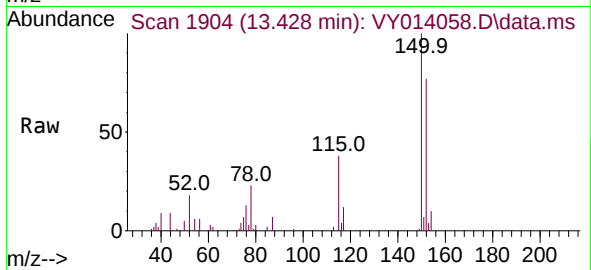
119 34.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014058.D
 Acq: 07 Jun 2023 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB35B



Tgt Ion:152 Resp: 5284
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.8 86.5
 150 145.5 0.0 348.8

