

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013817.D
 Acq On : 19 May 2023 13:39
 Operator : KP/MD
 Sample : 02828-06
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: May 22 04:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

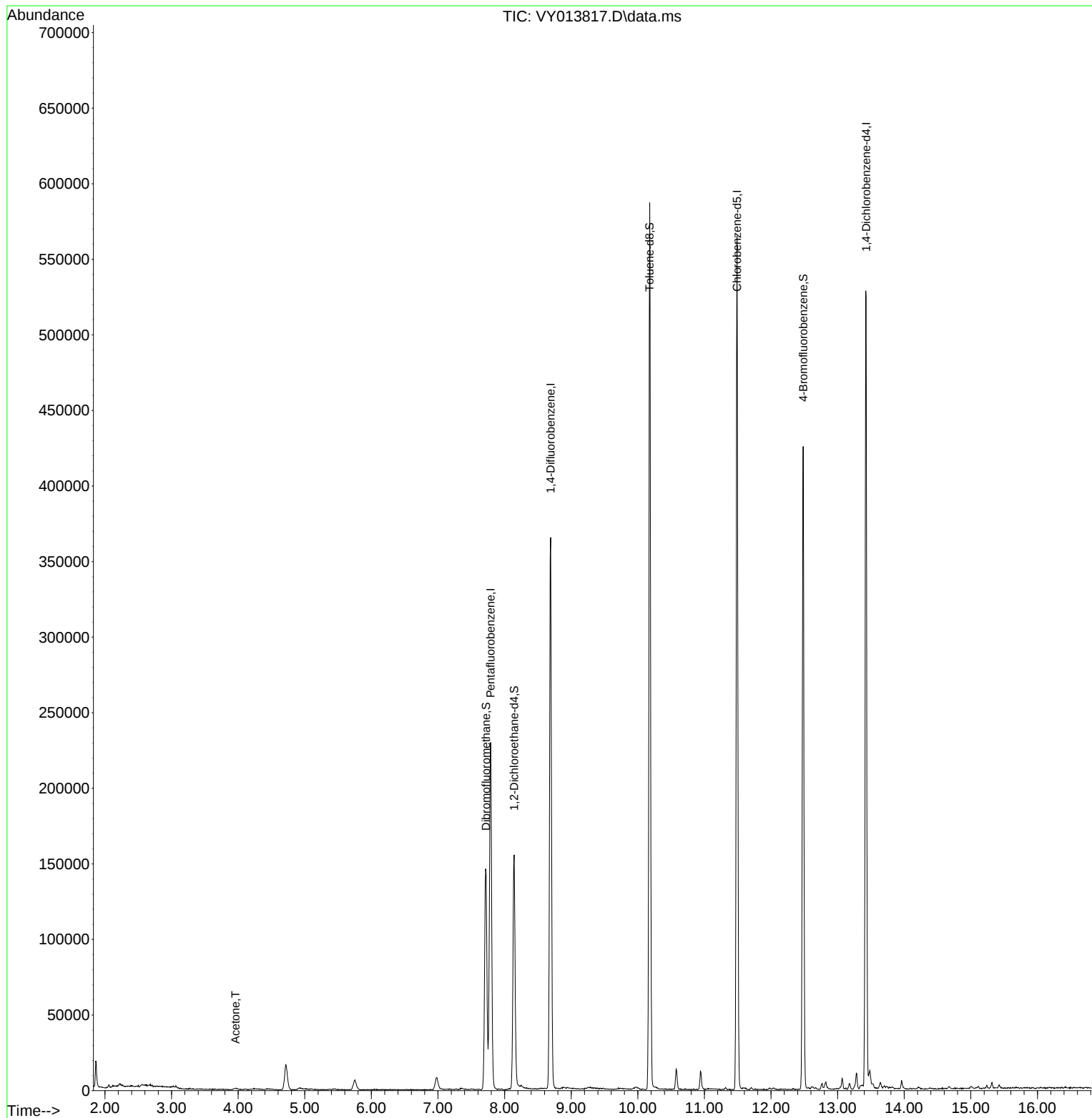
Internal Standards						
1) Pentafluorobenzene	7.789	168	180049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124746	59.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.280%
35) Dibromofluoromethane	7.722	113	102443	53.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.080%
50) Toluene-d8	10.179	98	369571	50.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	121081	49.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.560%
Target Compounds						
16) Acetone	3.960	43	2207	3.497	ug/l	Qvalue # 83

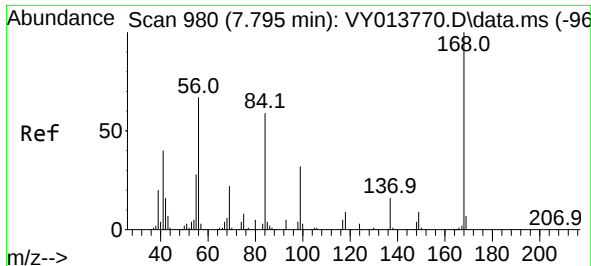
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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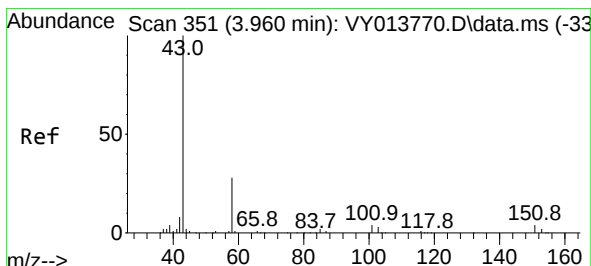
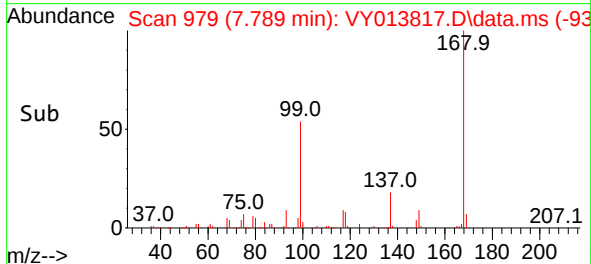
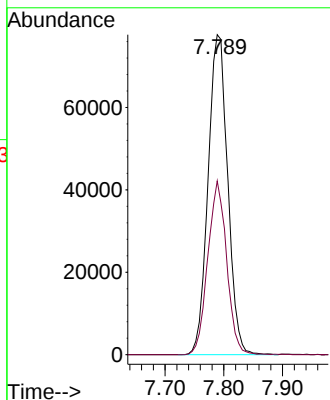
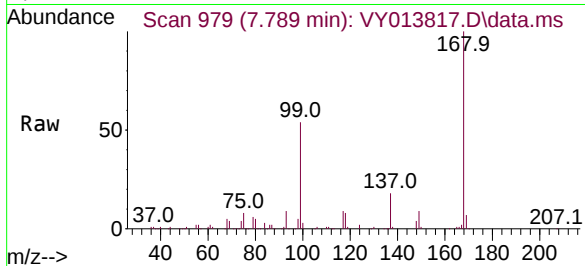




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

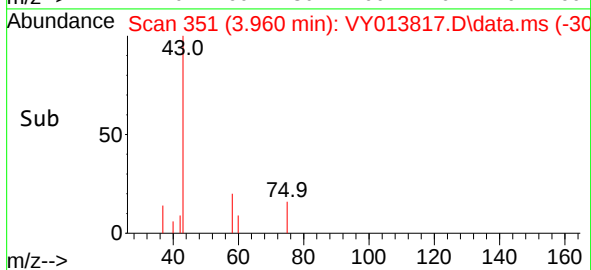
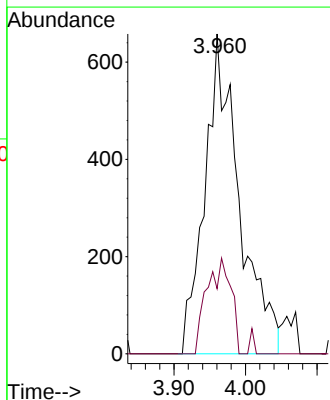
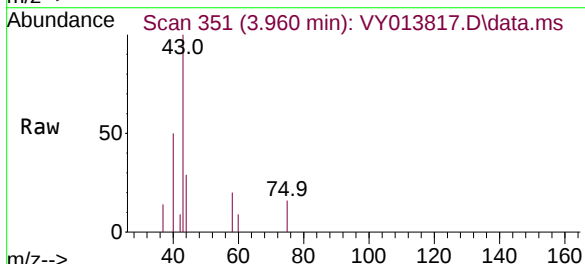
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

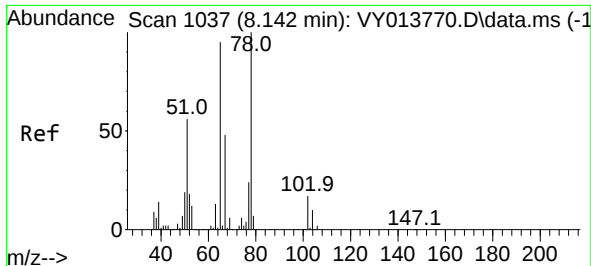
Tgt Ion:168 Resp: 180049
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#16
Acetone
Concen: 3.497 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 20.4 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 59.642 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

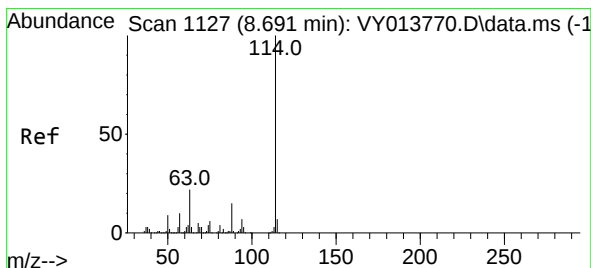
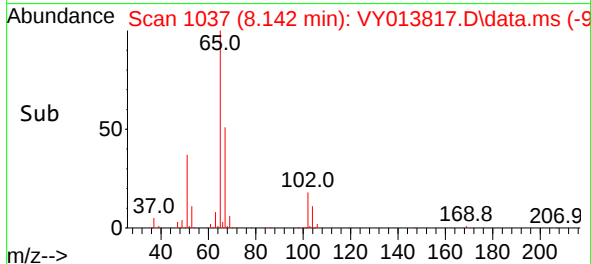
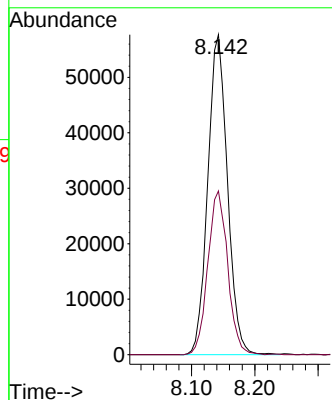
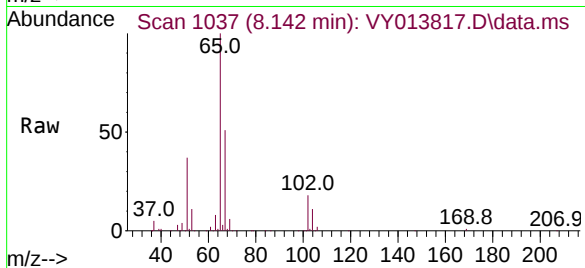
SB-6

Tgt Ion: 65 Resp: 124746

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013817.D

Acq: 19 May 2023 13:39

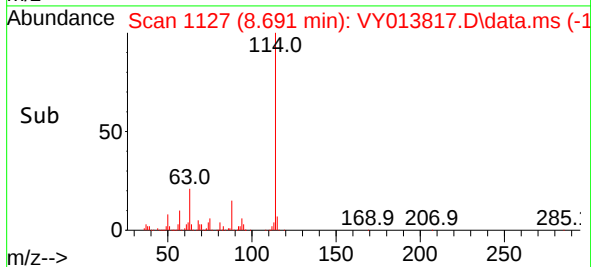
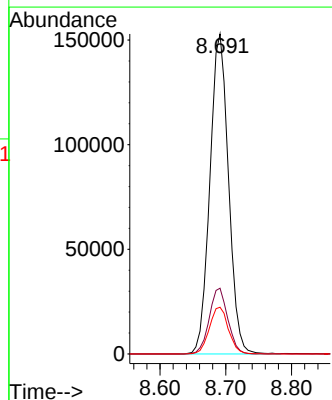
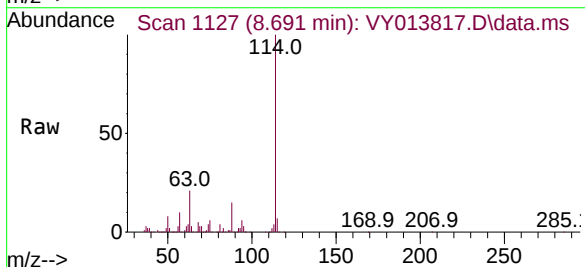
Tgt Ion:114 Resp: 301198

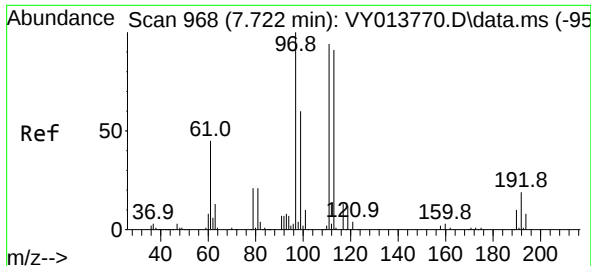
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 14.6 0.0 30.8

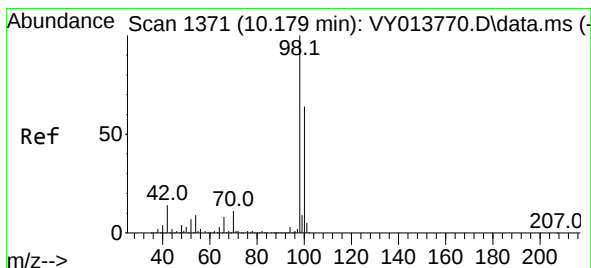
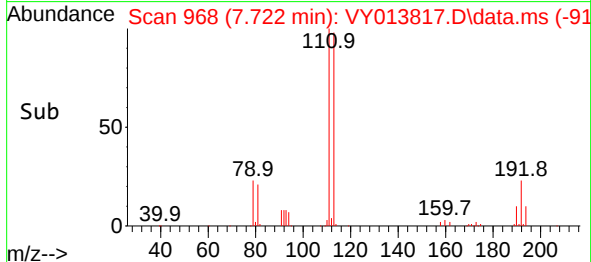
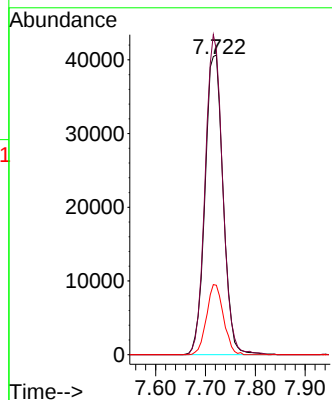
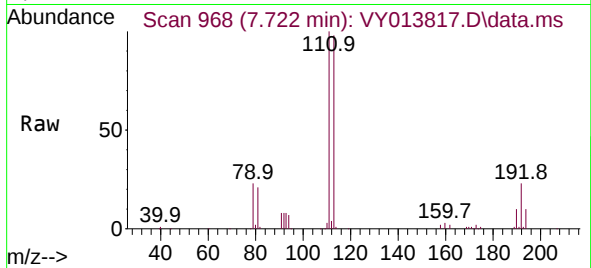




#35
Dibromofluoromethane
Concen: 53.039 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

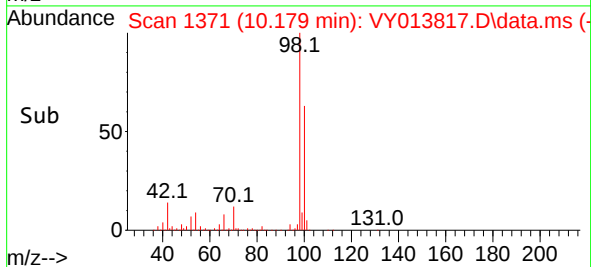
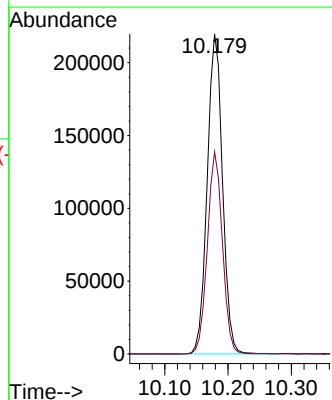
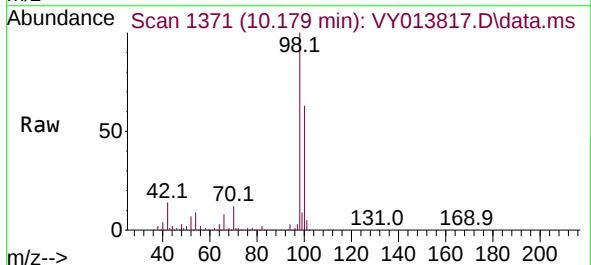
Instrument :
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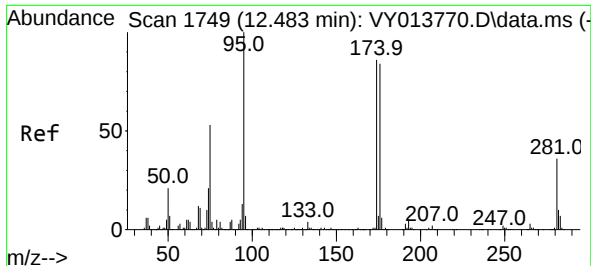
Tgt Ion:113 Resp: 102443
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 21.9 16.0 24.0



#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

Tgt Ion: 98 Resp: 369571
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.6

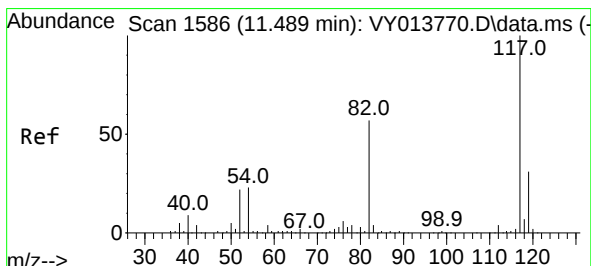
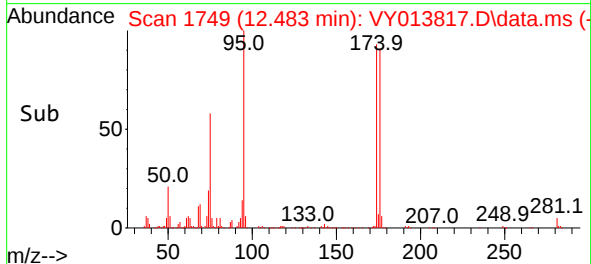
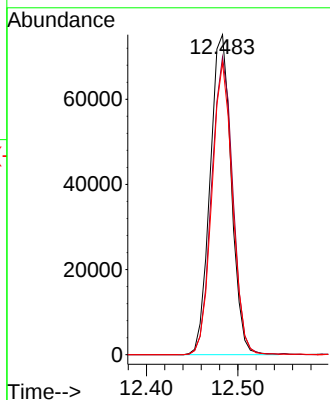
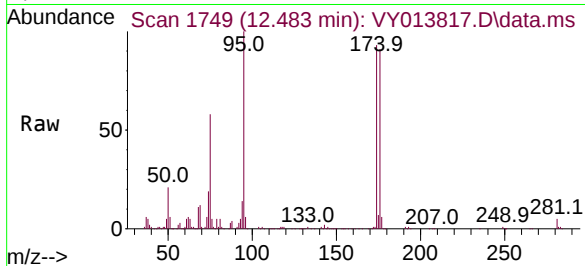




#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

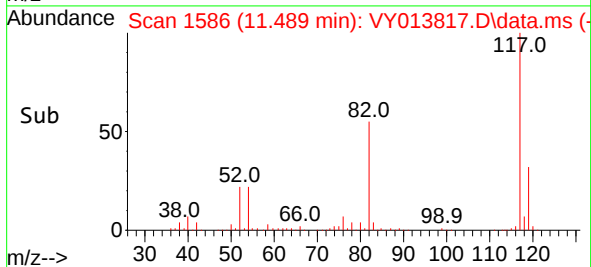
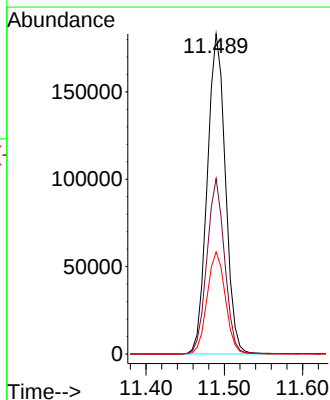
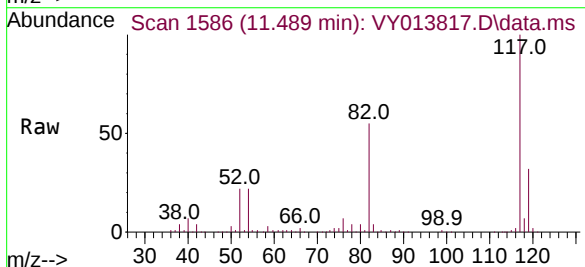
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

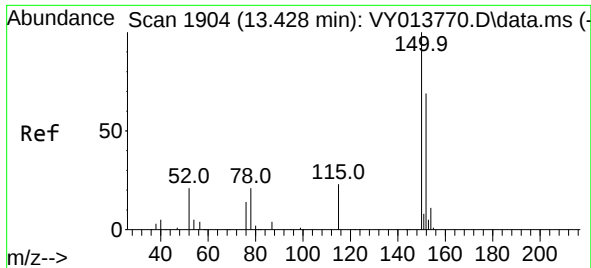
Tgt Ion: 95 Resp: 121081
Ion Ratio Lower Upper
95 100
174 93.0 0.0 168.8
176 88.7 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013817.D
Acq: 19 May 2023 13:39

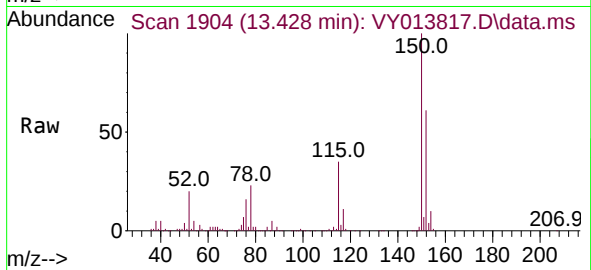
Tgt Ion: 117 Resp: 294040
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 31.9 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013817.D
 Acq: 19 May 2023 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6



Tgt Ion:152 Resp: 137075

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	159.2	0.0	347.0

