

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014852.D
 Acq On : 26 Jul 2023 16:17
 Operator : SY/MD
 Sample : 03741-12
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6A

Quant Time: Jul 26 16:30:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

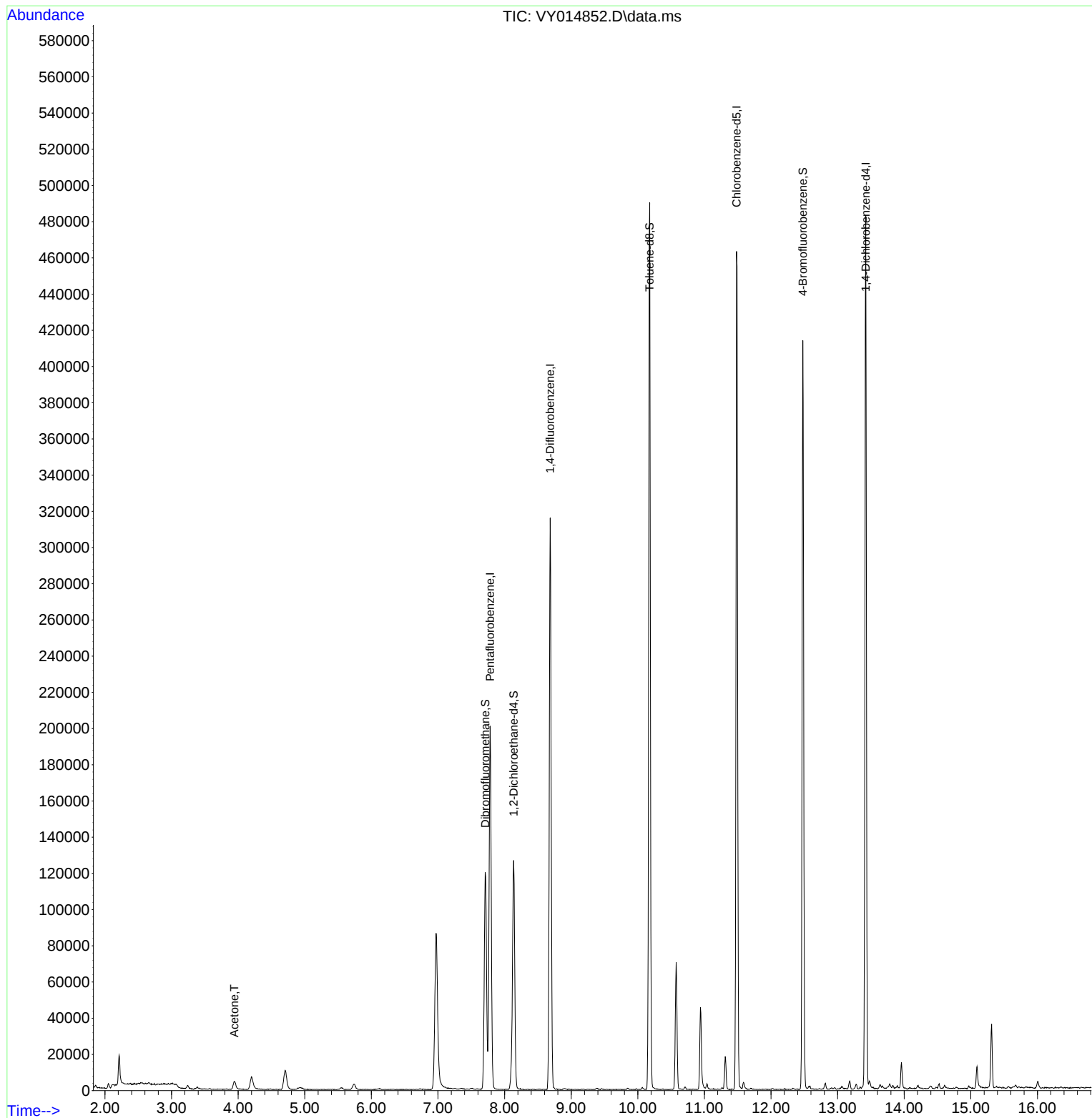
Internal Standards						
1) Pentafluorobenzene	7.783	168	153144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	257757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96057	55.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.710	113	86067	49.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.179	98	320353	50.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.477	95	117940	48.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.540%
Target Compounds						
16) Acetone	3.942	43	8187	14.804	ug/l	Qvalue 95

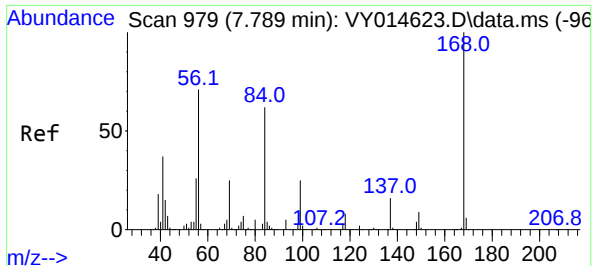
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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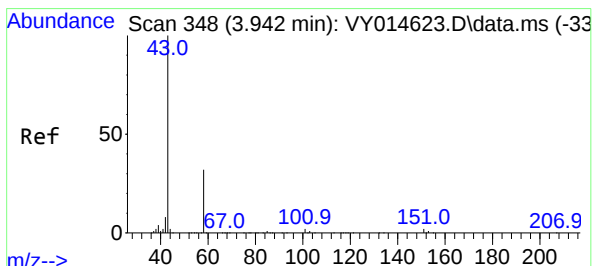
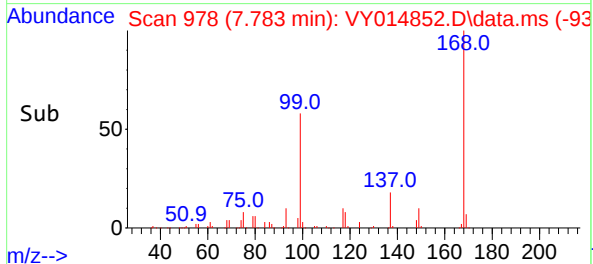
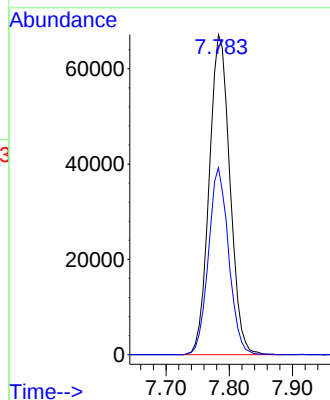
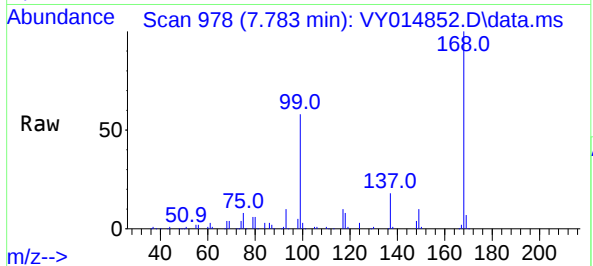




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

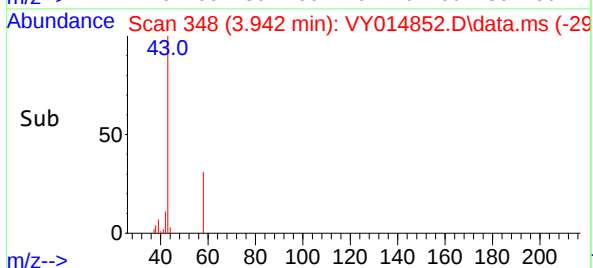
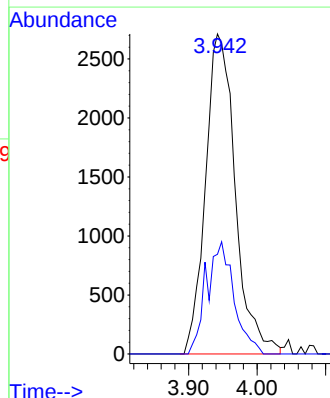
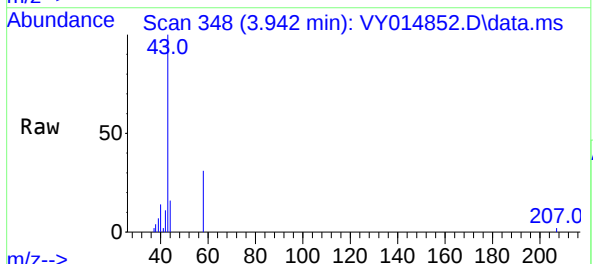
Instrument :
MSVOA_Y
ClientSampleId :
B-P6A

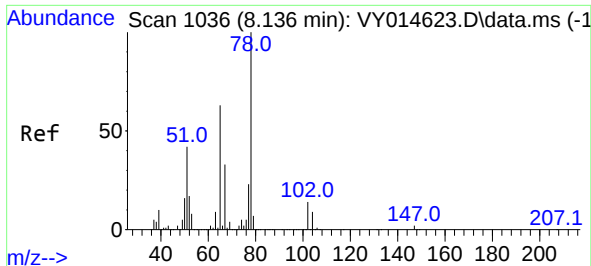
Tgt Ion:168 Resp: 153144
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.0



#16
Acetone
Concen: 14.804 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Tgt Ion: 43 Resp: 8187
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.043 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014852.D

Acq: 26 Jul 2023 16:17

Instrument :

MSVOA_Y

ClientSampleId :

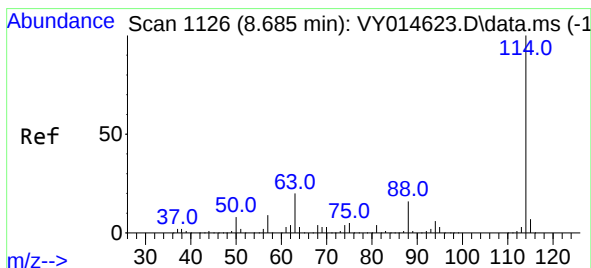
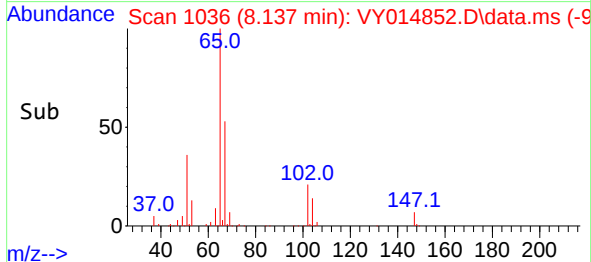
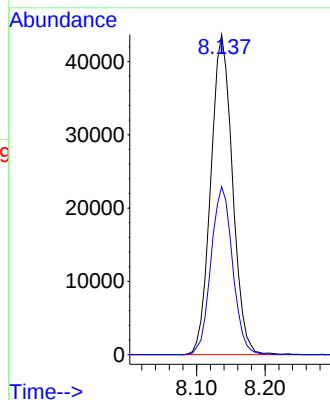
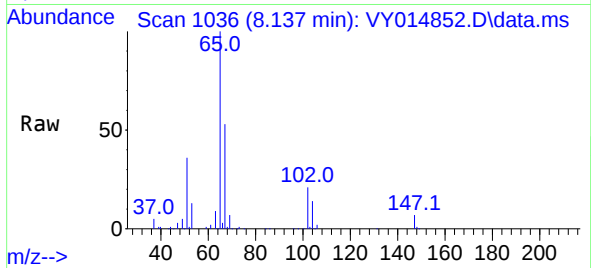
B-P6A

Tgt Ion: 65 Resp: 96057

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014852.D

Acq: 26 Jul 2023 16:17

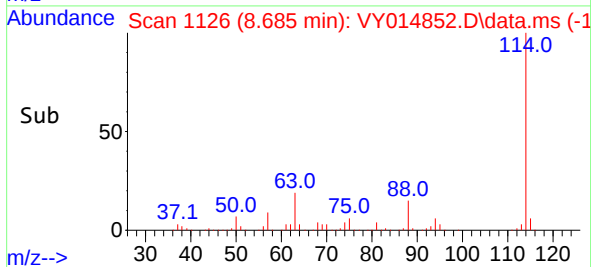
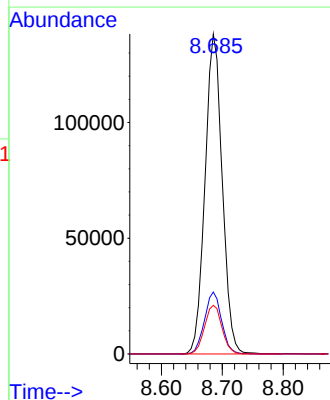
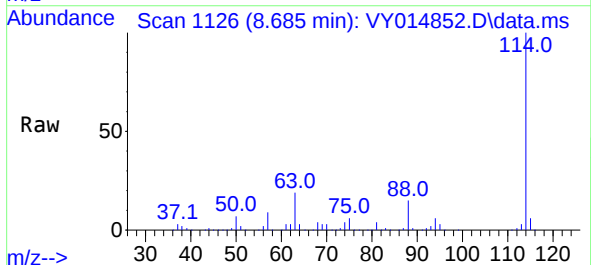
Tgt Ion: 114 Resp: 271492

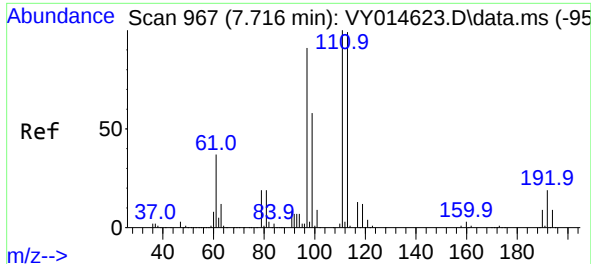
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6

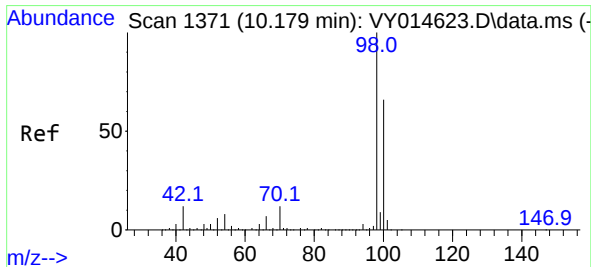
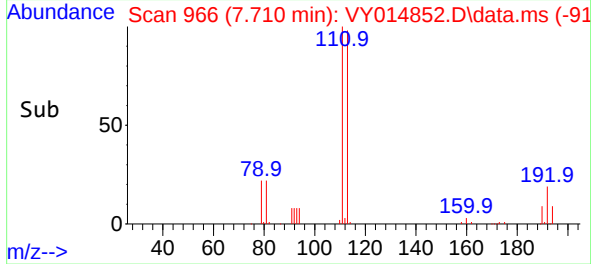
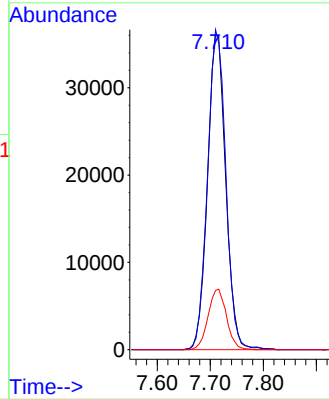
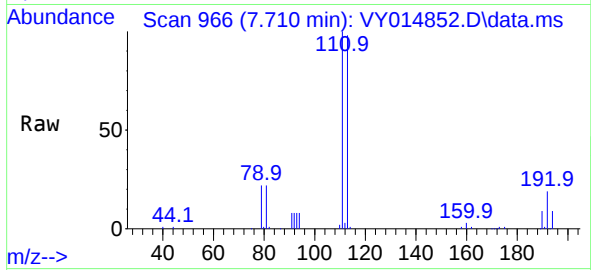




#35
Dibromofluoromethane
Concen: 49.800 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

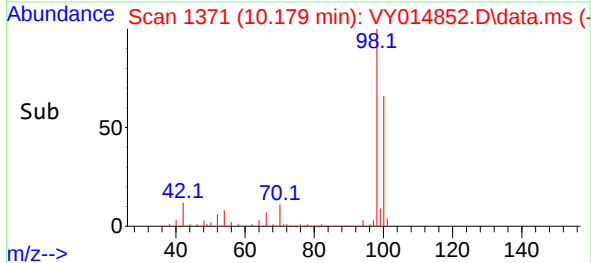
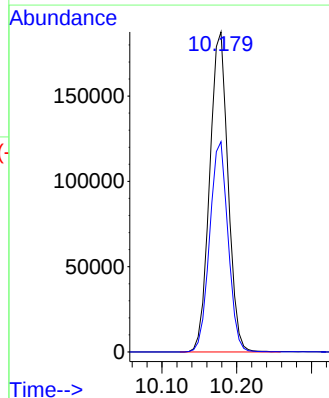
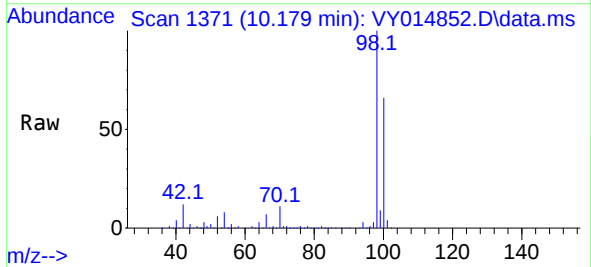
Instrument :
MSVOA_Y
ClientSampleId :
B-P6A

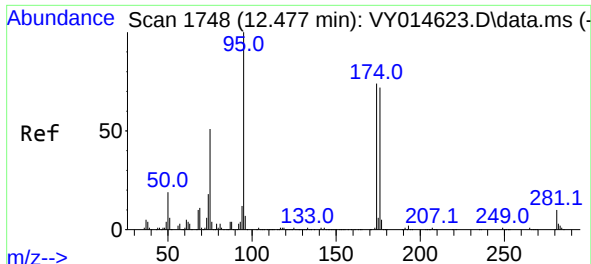
Tgt Ion:113 Resp: 86067
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

Tgt Ion: 98 Resp: 320353
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

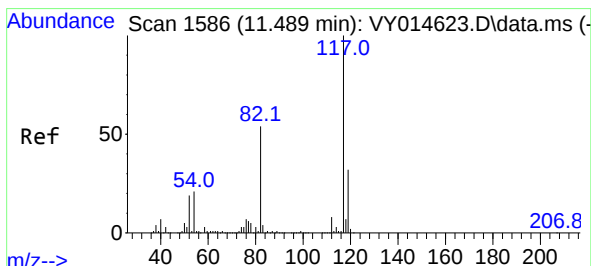
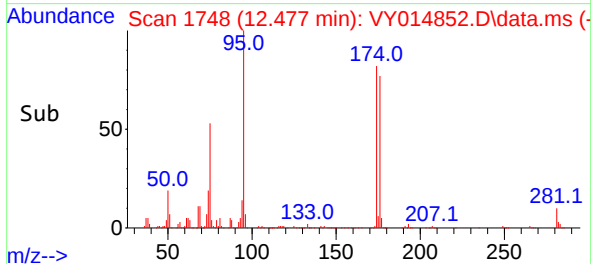
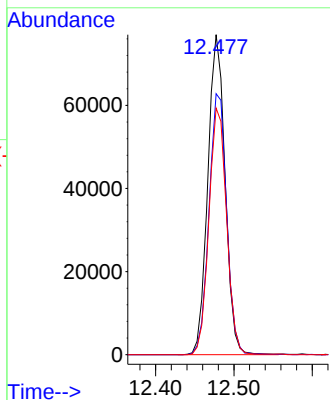
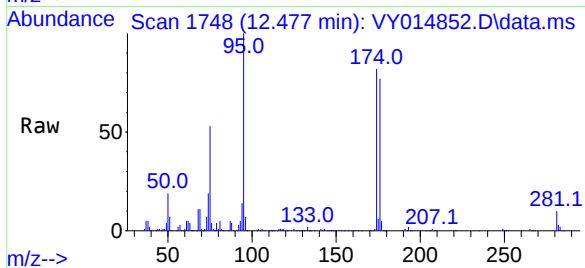




#62
4-Bromofluorobenzene
Concen: 48.274 ug/l
RT: 12.477 min Scan# 117940
Delta R.T. 0.000 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

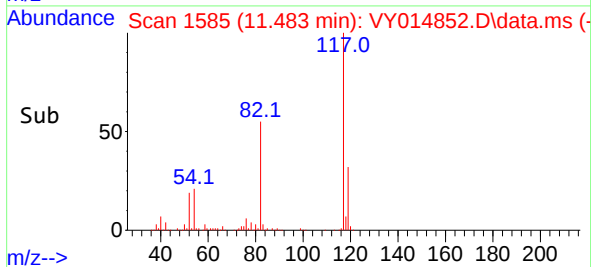
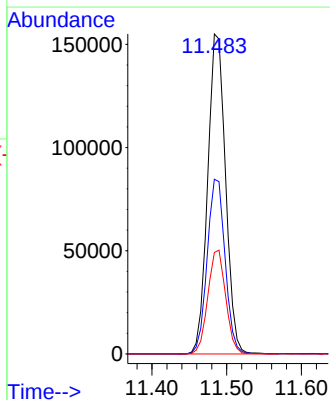
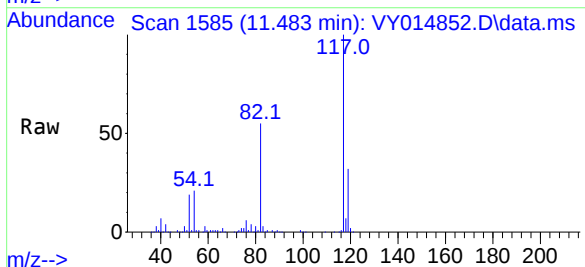
Instrument :
MSVOA_Y
ClientSampleId :
B-P6A

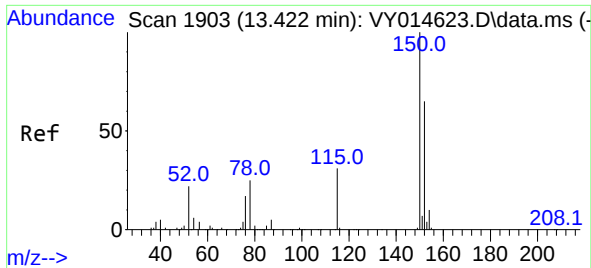
Tgt Ion: 95 Resp: 117940
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 78.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014852.D
Acq: 26 Jul 2023 16:17

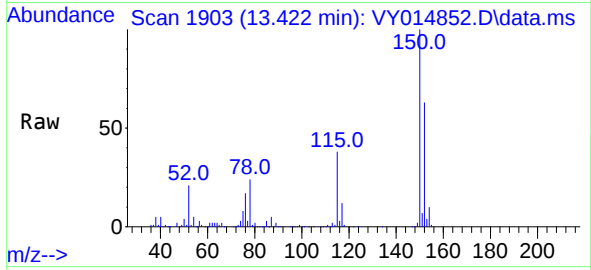
Tgt Ion: 117 Resp: 257757
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014852.D
 Acq: 26 Jul 2023 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6A



Tgt Ion:152 Resp: 121584

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	156.2	0.0	348.8

