

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014858.D
 Acq On : 26 Jul 2023 18:38
 Operator : SY/MD
 Sample : 03686-02
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-16-18-20230719

Quant Time: Jul 27 01:12:02 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	151800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95644	55.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.710	113	85403	49.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.179	98	320298	50.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.477	95	117278	48.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.580%

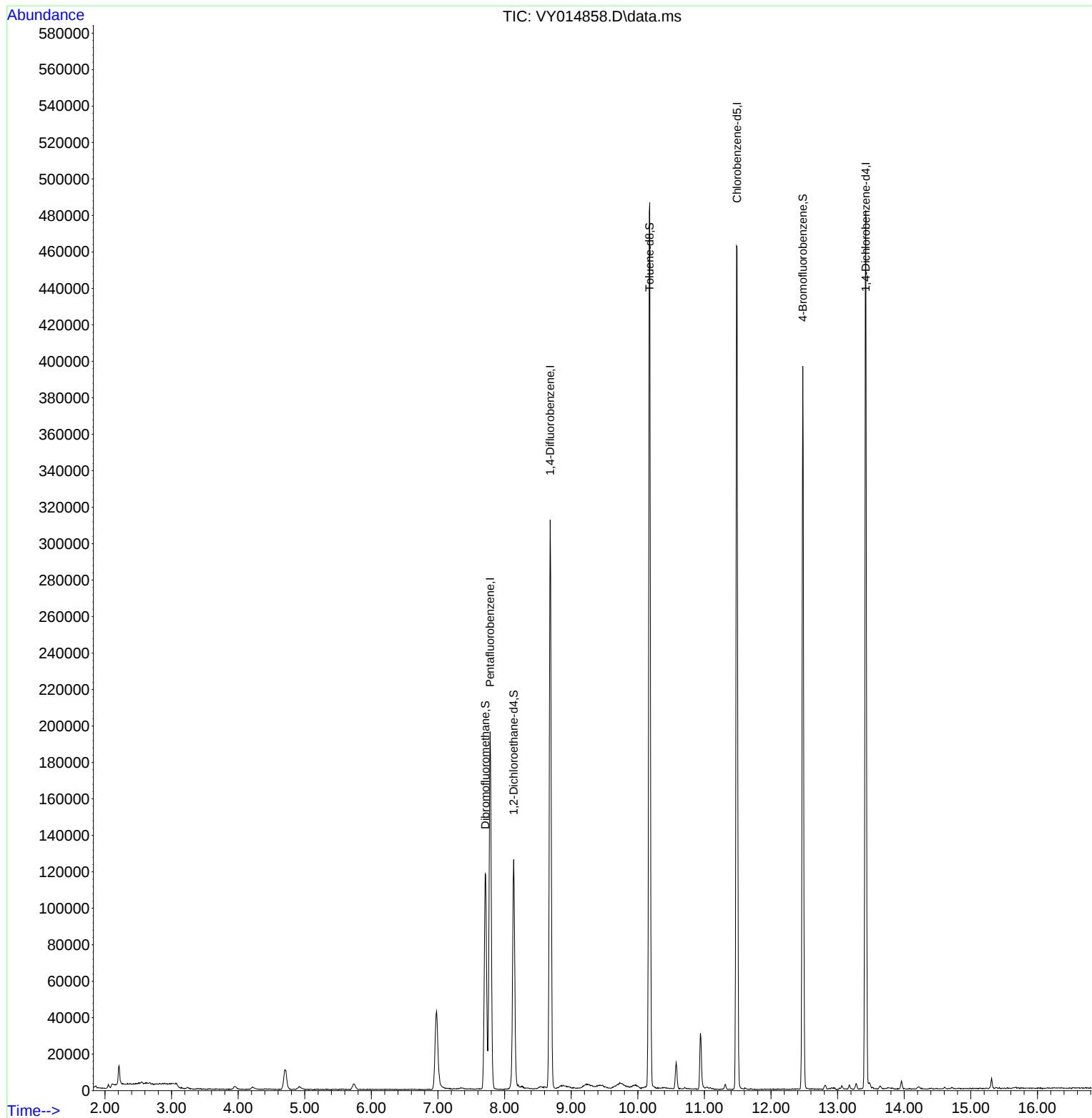
Target Compounds	Qvalue

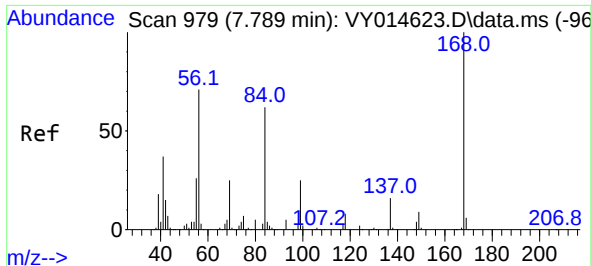
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014858.D
Acq On : 26 Jul 2023 18:38
Operator : SY/MD
Sample : 03686-02
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-16-18-20230719

Quant Time: Jul 27 01:12:02 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

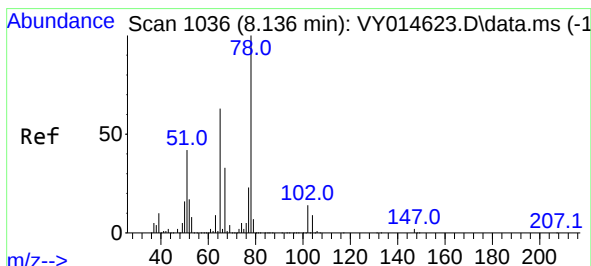
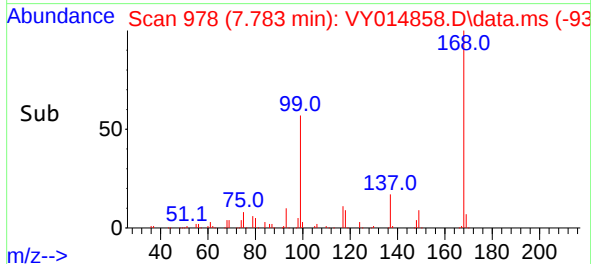
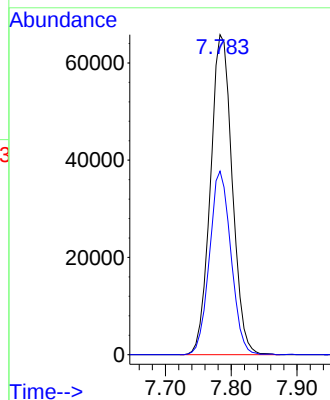
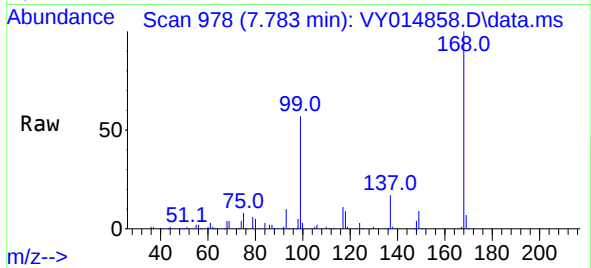




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

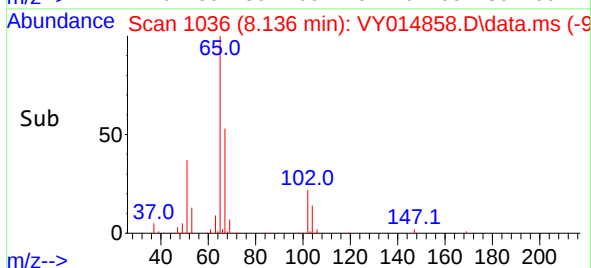
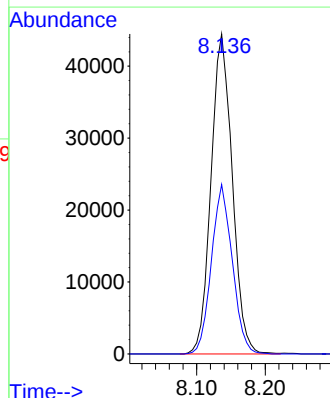
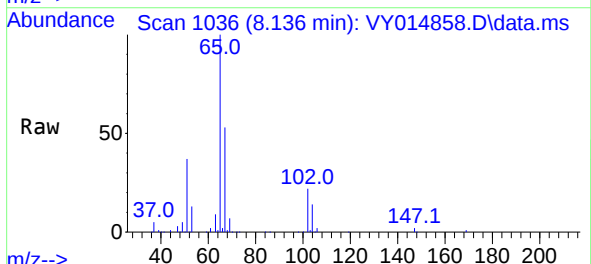
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-16-18-20230719

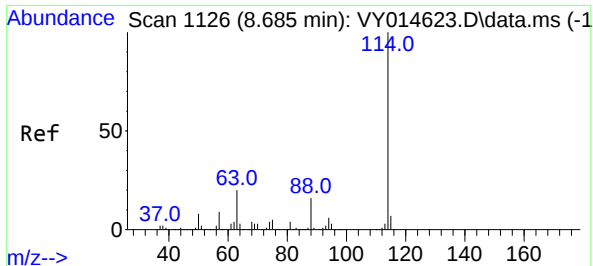
Tgt Ion:168 Resp: 151800
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.291 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion: 65 Resp: 95644
Ion Ratio Lower Upper
65 100
67 52.0 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: VY014858.D

Acq: 26 Jul 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-21-16-18-20230719

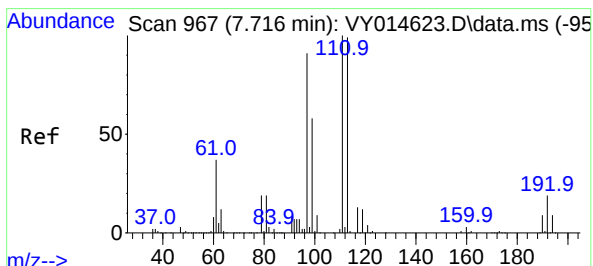
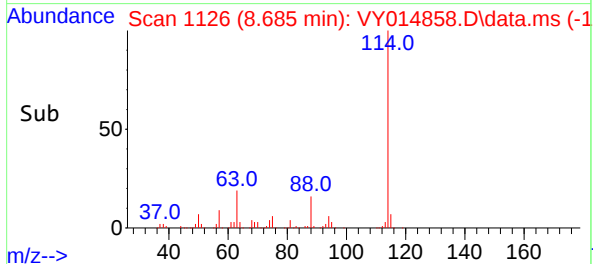
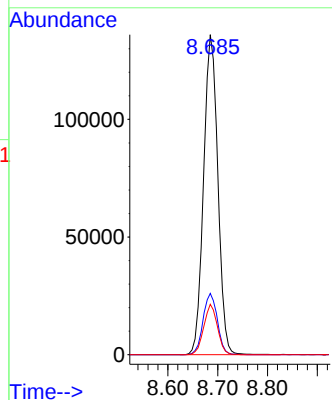
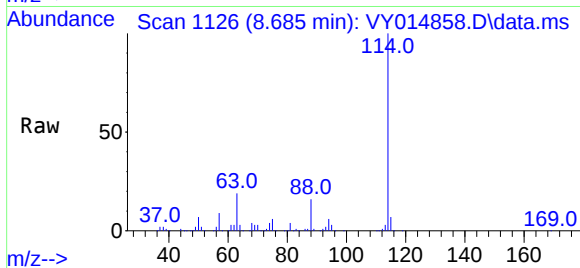
Tgt Ion:114 Resp: 269865

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.714 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014858.D

Acq: 26 Jul 2023 18:38

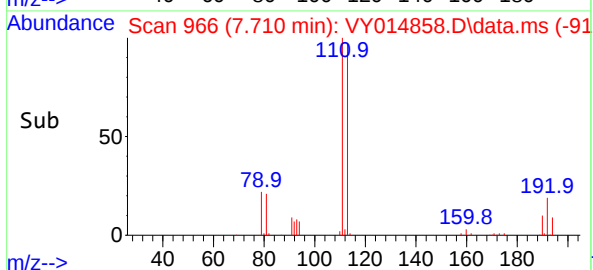
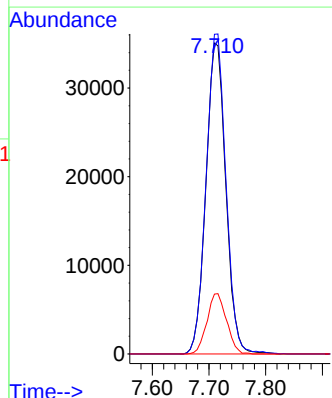
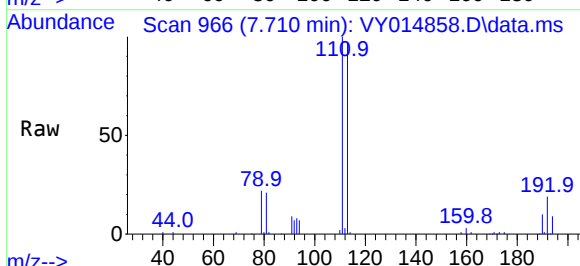
Tgt Ion:113 Resp: 85403

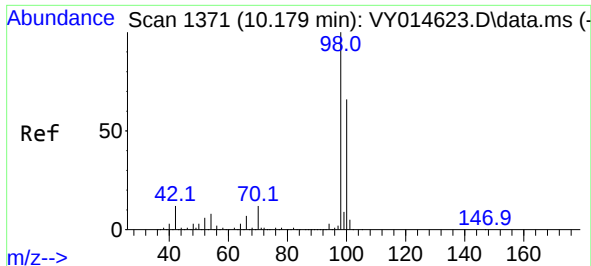
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.1 16.9 25.3

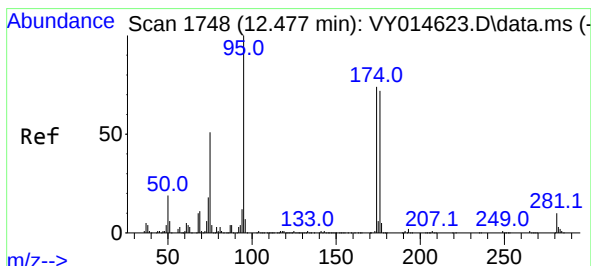
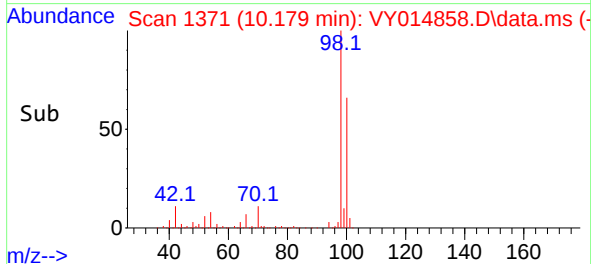
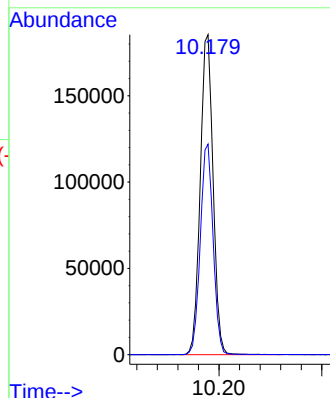
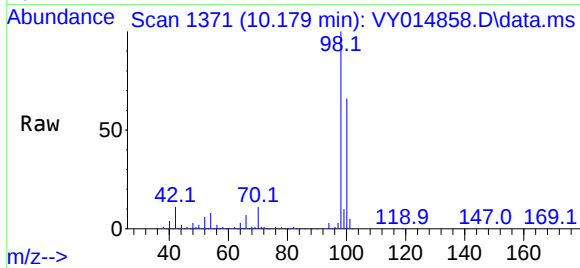




#50
Toluene-d8
Concen: 50.572 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

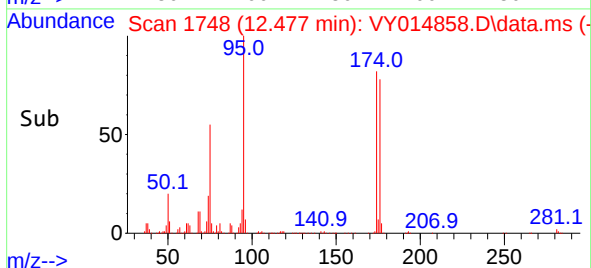
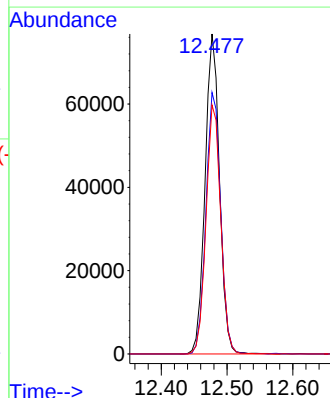
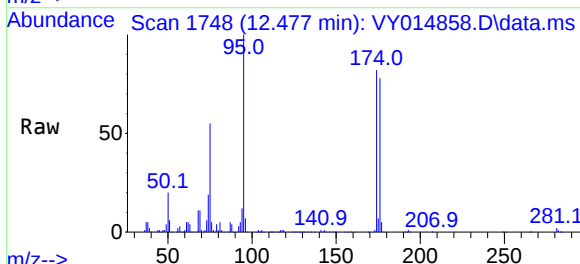
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-16-18-20230719

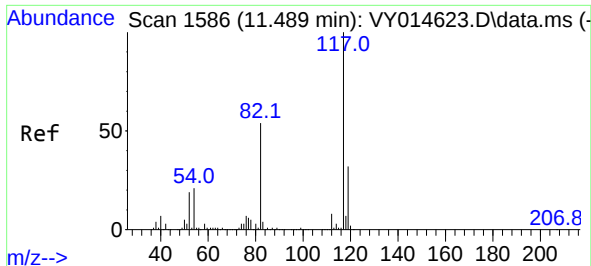
Tgt Ion: 98 Resp: 320298
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion: 95 Resp: 117278
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 79.3 0.0 173.8

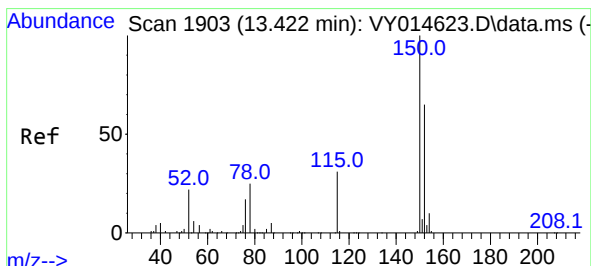
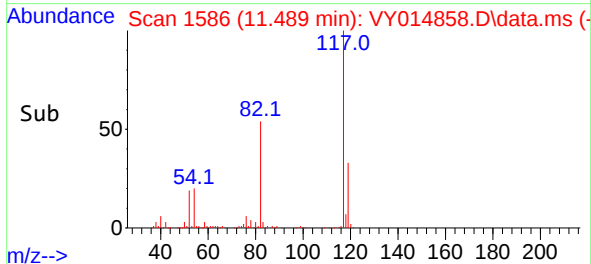
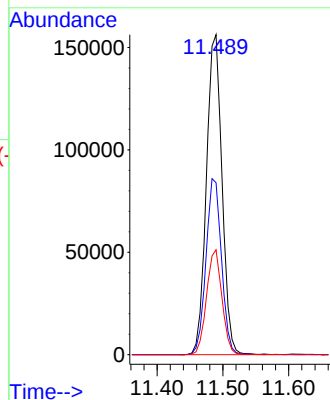
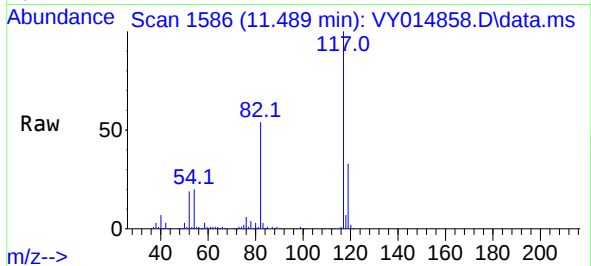




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-16-18-20230719

Tgt Ion:	117	Resp:	258163
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.0
119	32.8	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: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion:	152	Resp:	123213
Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.8	86.5
150	156.4	0.0	348.8

