

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015241.D
 Acq On : 22 Aug 2023 13:53
 Operator : SY/MD
 Sample : 04086-12
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14B

Quant Time: Aug 22 14:28:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3522	74.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.600%
35) Dibromofluoromethane	7.716	113	1761	42.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.980%
50) Toluene-d8	10.179	98	7568	49.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	2510	45.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.140%

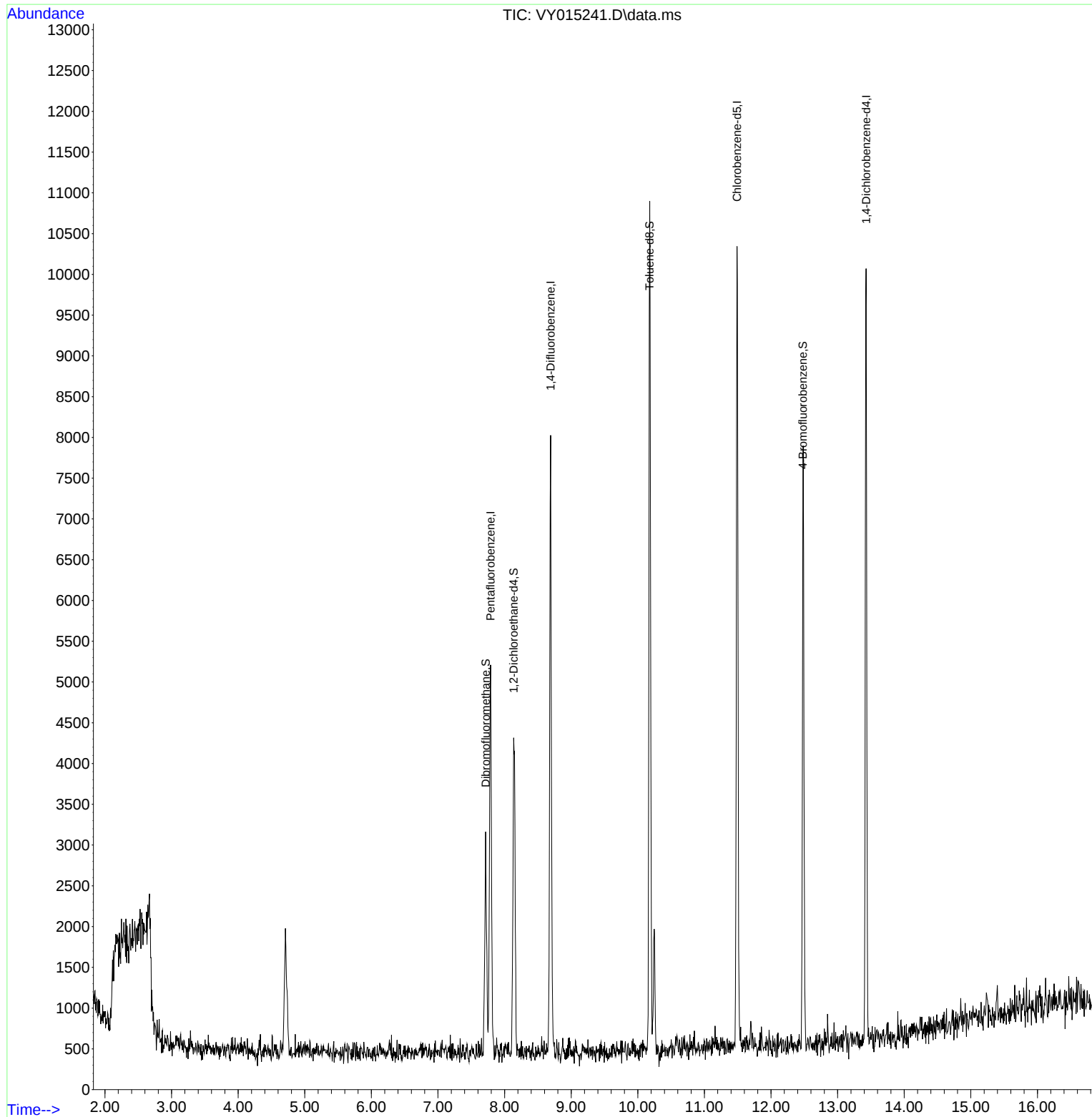
Target Compounds	Qvalue

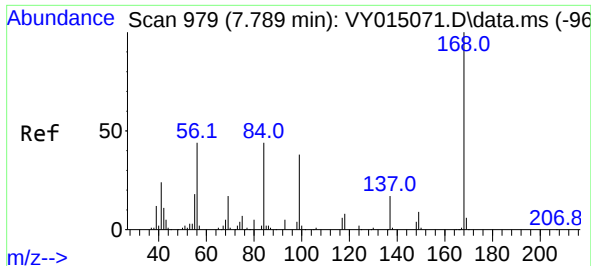
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015241.D
Acq On : 22 Aug 2023 13:53
Operator : SY/MD
Sample : 04086-12
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Quant Time: Aug 22 14:28:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015241.D

Acq: 22 Aug 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

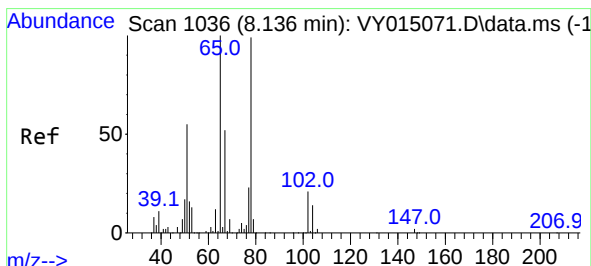
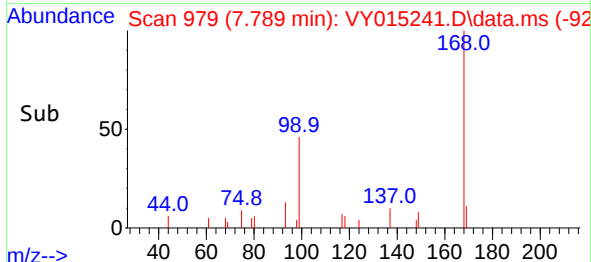
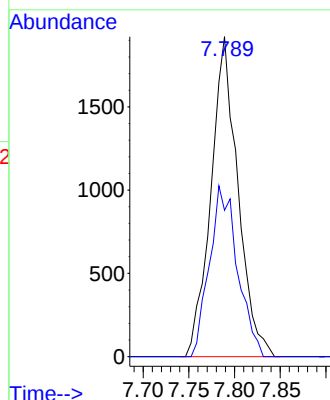
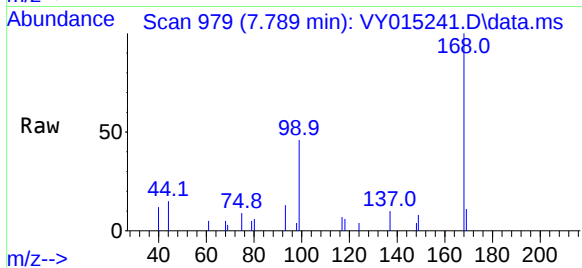
B-PP14B

Tgt Ion:168 Resp: 3949

Ion Ratio Lower Upper

168 100

99 45.7 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 74.297 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015241.D

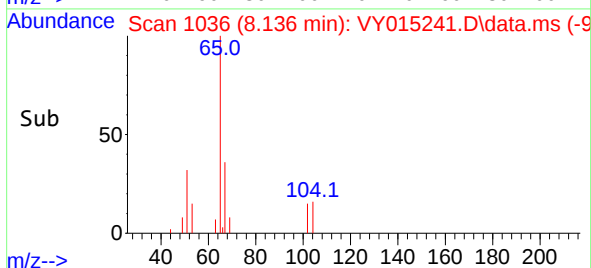
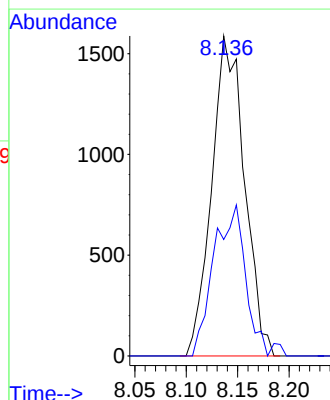
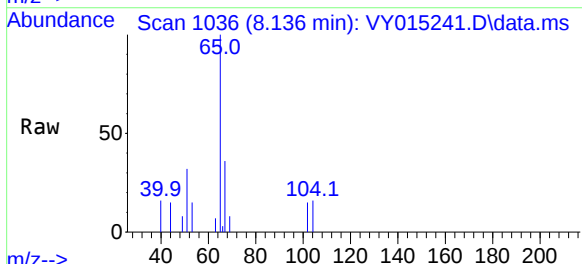
Acq: 22 Aug 2023 13:53

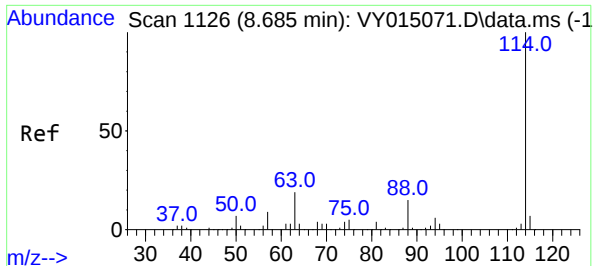
Tgt Ion: 65 Resp: 3522

Ion Ratio Lower Upper

65 100

67 46.7 0.0 101.8



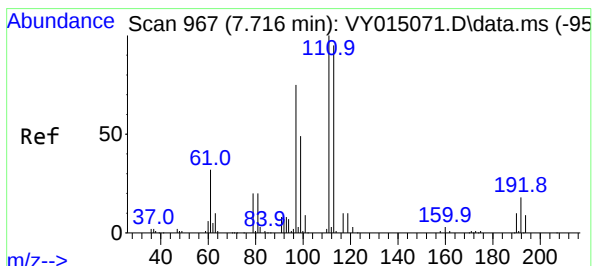
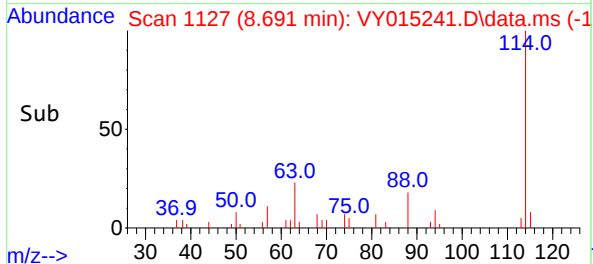
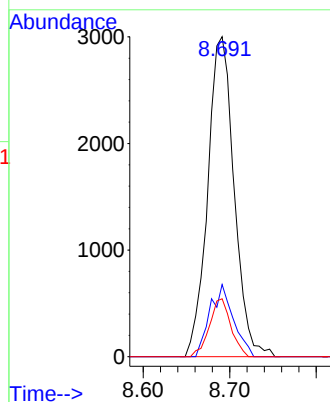
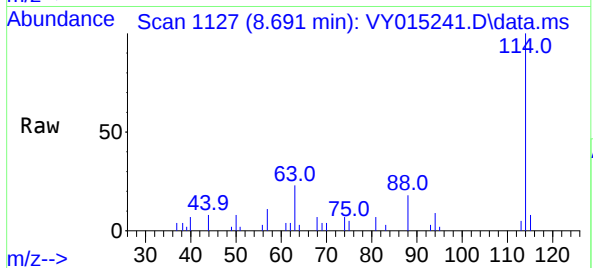


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015241.D
Acq: 22 Aug 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Tgt Ion:114 Resp: 6367

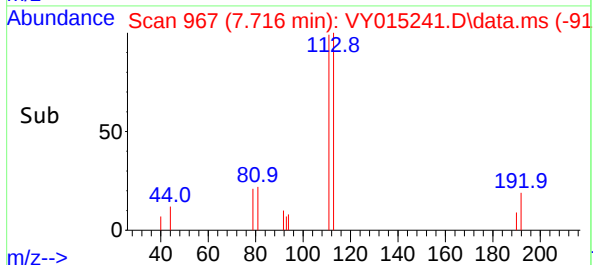
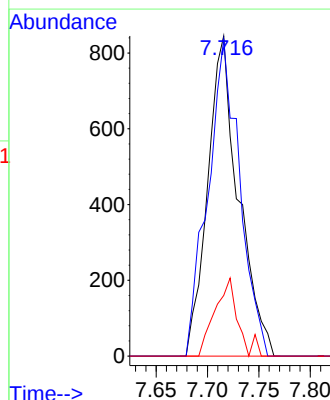
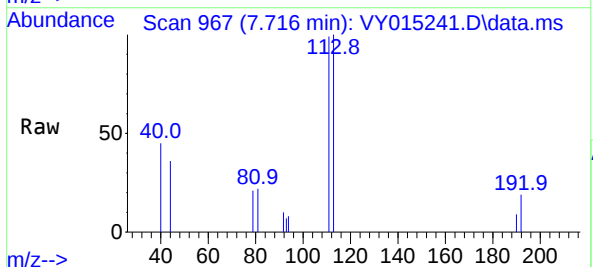
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	42.4
88	18.1	0.0	30.6

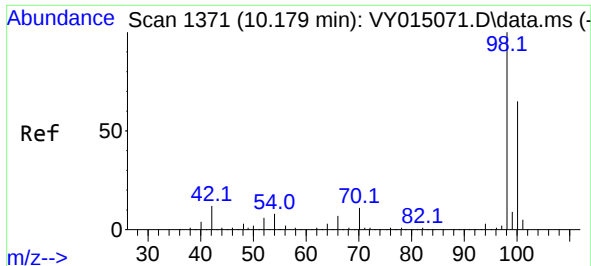


#35
Dibromofluoromethane
Concen: 42.992 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015241.D
Acq: 22 Aug 2023 13:53

Tgt Ion:113 Resp: 1761

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	18.1	16.9	25.3

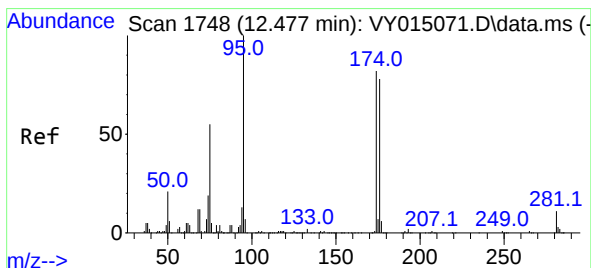
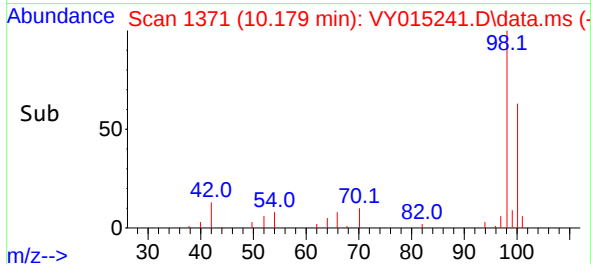
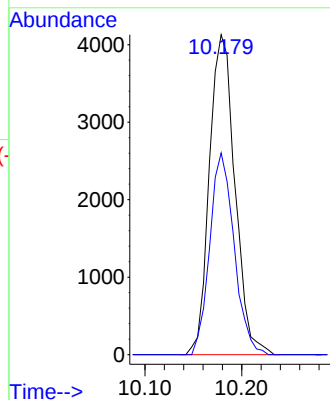
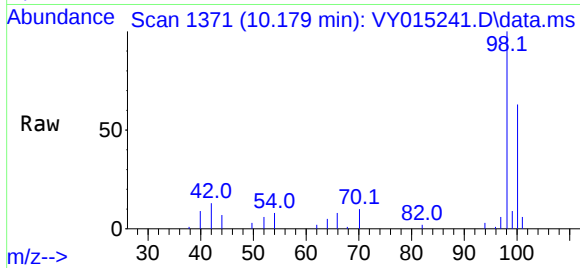




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015241.D
Acq: 22 Aug 2023 13:53

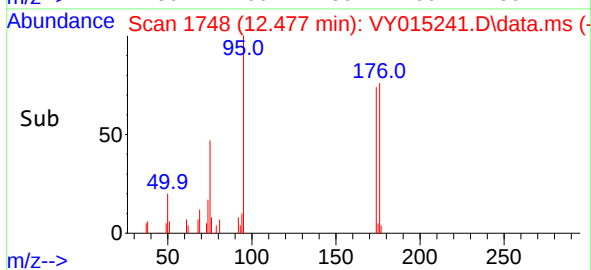
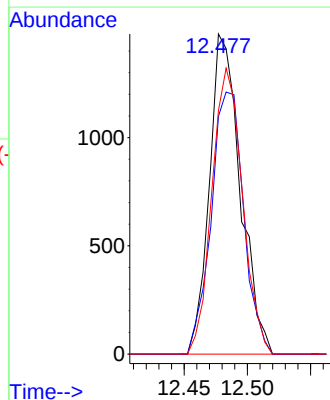
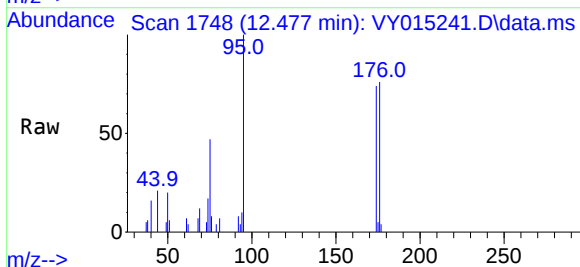
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

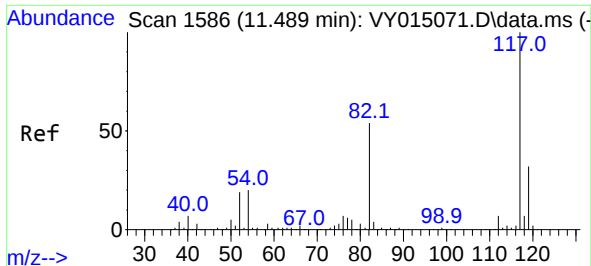
Tgt Ion: 98 Resp: 7568
Ion Ratio Lower Upper
98 100
100 60.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015241.D
Acq: 22 Aug 2023 13:53

Tgt Ion: 95 Resp: 2510
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 88.4 0.0 173.8

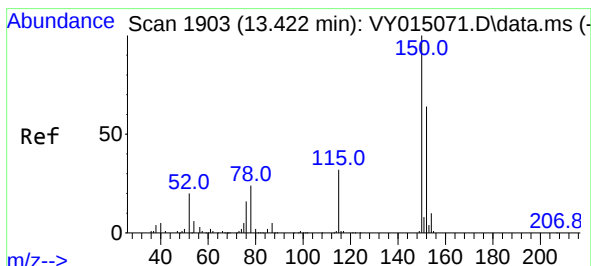
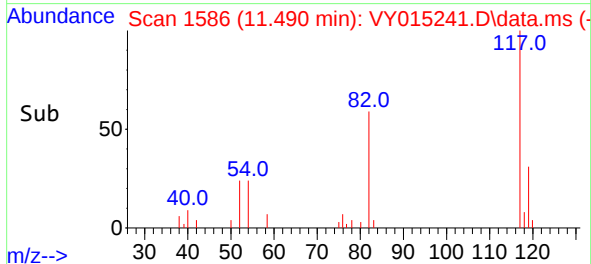
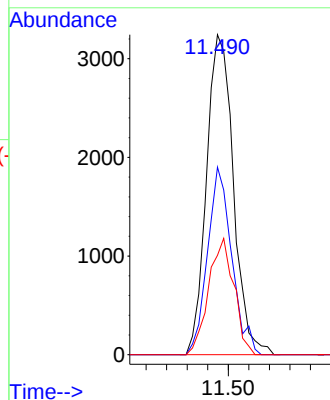
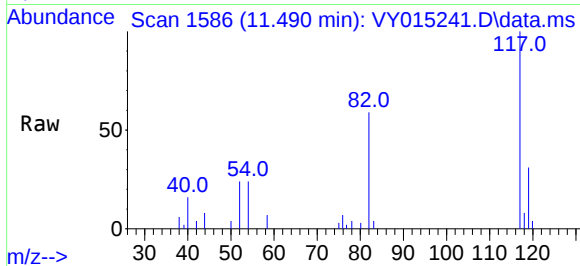




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015241.D
Acq: 22 Aug 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14B

Tgt Ion:	117	Resp:	5895
Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.4	65.0
119	31.1	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: VY015241.D
Acq: 22 Aug 2023 13:53

Tgt Ion:	152	Resp:	2577
Ion	Ratio	Lower	Upper
152	100		
115	64.0	28.8	86.5
150	163.4	0.0	348.8

