

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015110.D
 Acq On : 15 Aug 2023 17:53
 Operator : SY/MD
 Sample : 04012-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-081423

Quant Time: Aug 16 02:07:34 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	41784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22533	44.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.710	113	21035	48.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.380%
50) Toluene-d8	10.179	98	80312	49.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	24865	41.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.800%

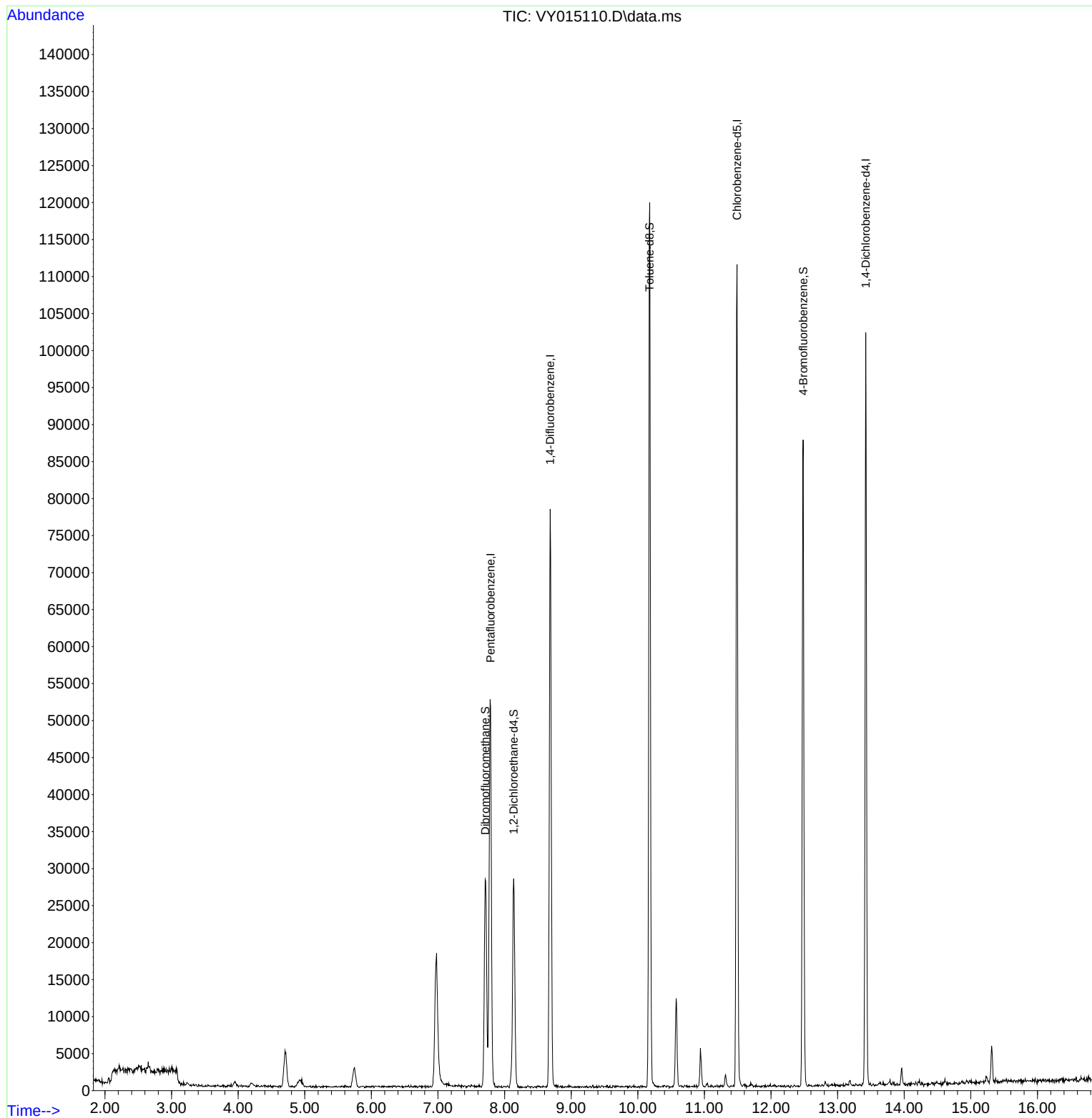
Target Compounds	Qvalue

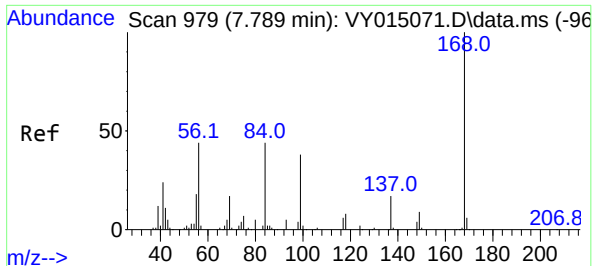
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015110.D
Acq On : 15 Aug 2023 17:53
Operator : SY/MD
Sample : 04012-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423

Quant Time: Aug 16 02:07:34 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

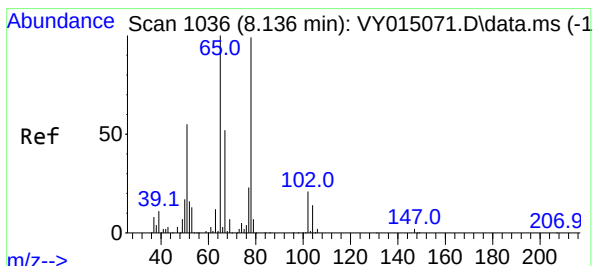
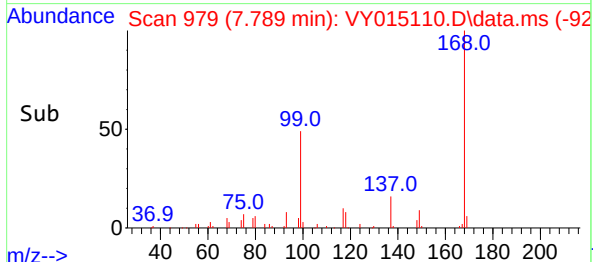
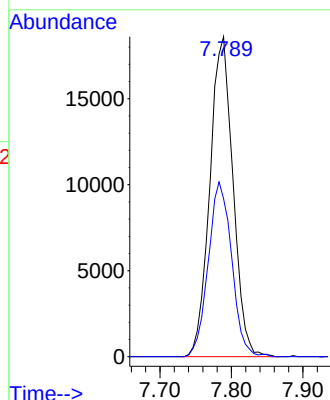
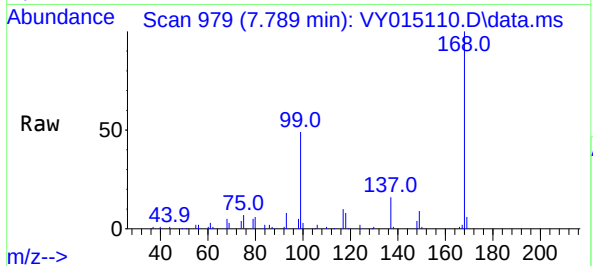




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

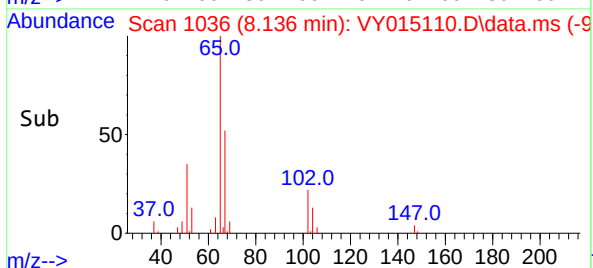
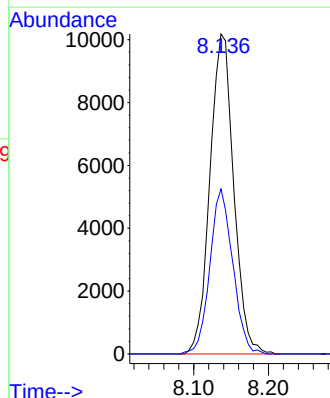
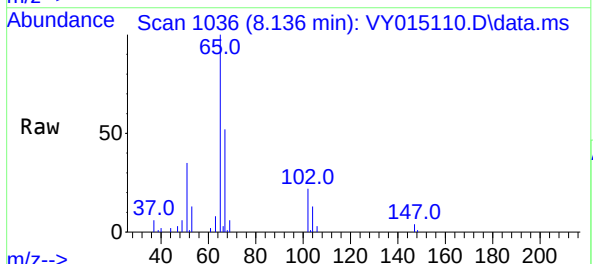
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423

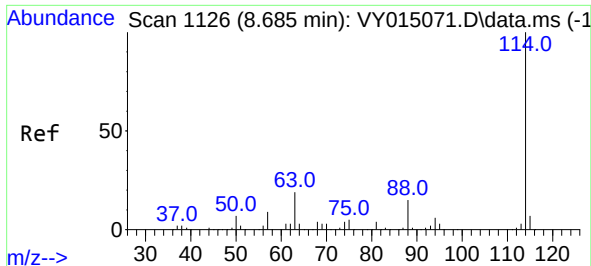
Tgt Ion:168 Resp: 41784
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.924 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 65 Resp: 22533
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8



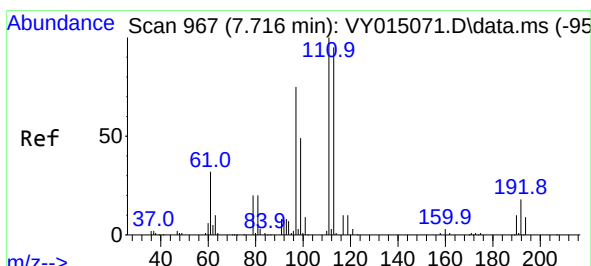
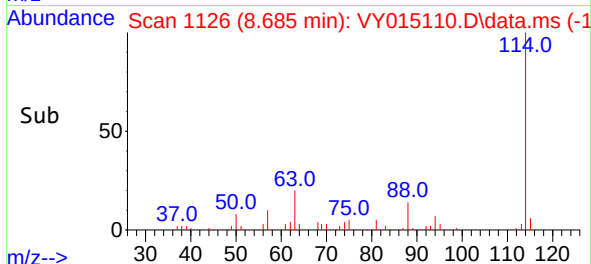
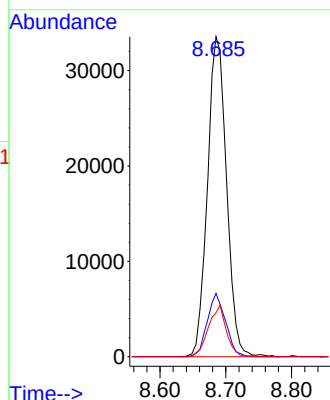
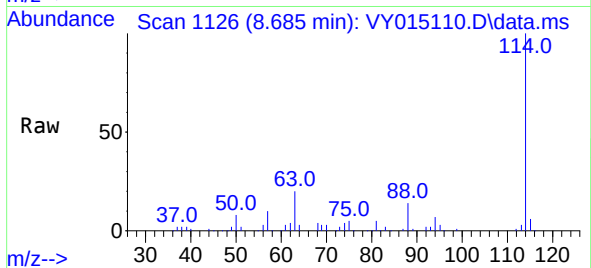


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423

Tgt Ion:114 Resp: 67847

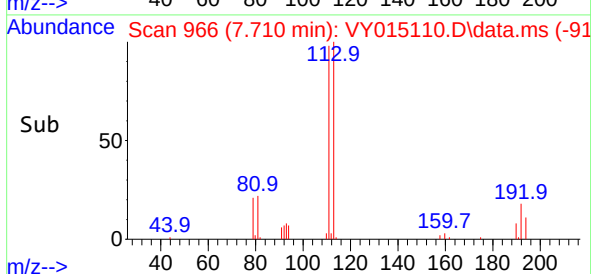
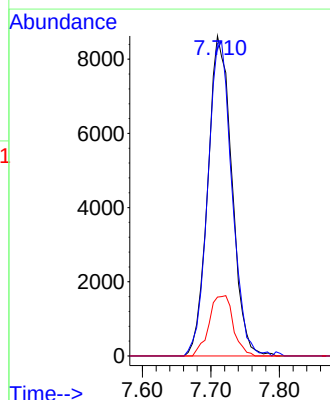
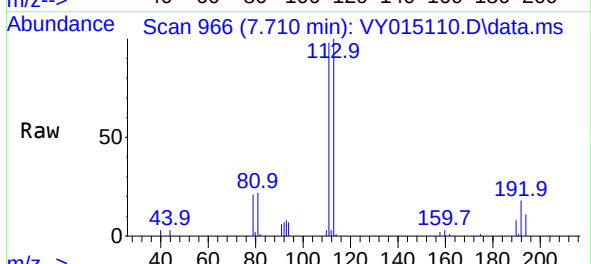
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	13.8	0.0	30.6

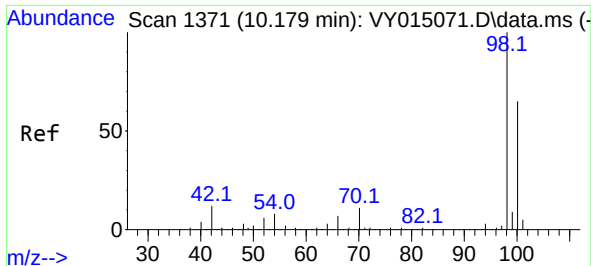


#35
Dibromofluoromethane
Concen: 48.192 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion:113 Resp: 21035

Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.3	121.9
192	18.9	16.9	25.3

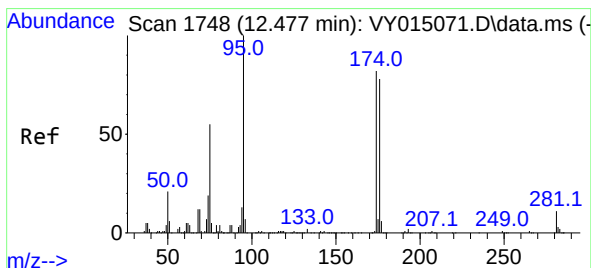
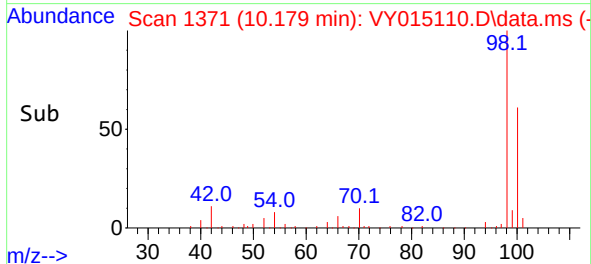
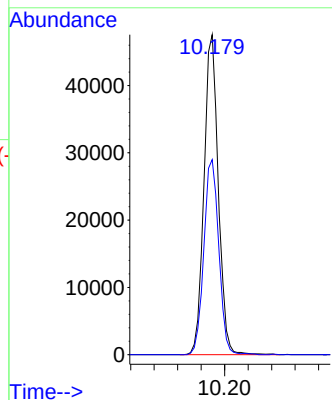
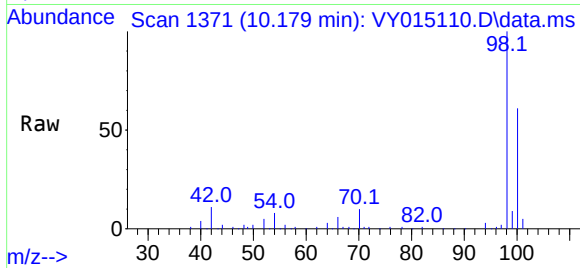




#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

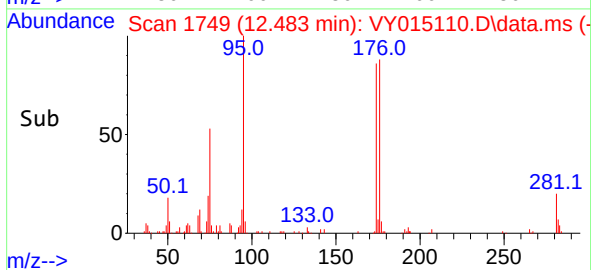
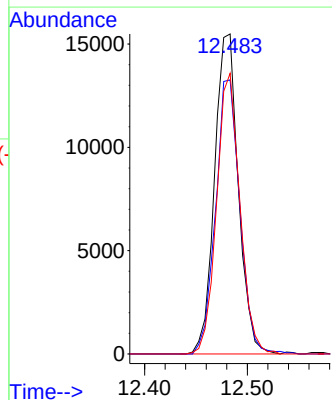
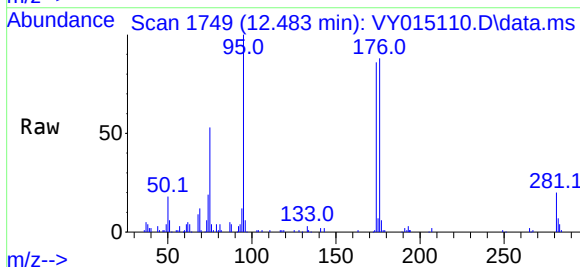
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423

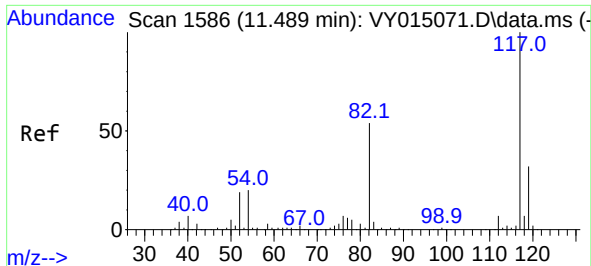
Tgt Ion: 98 Resp: 80312
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 95 Resp: 24865
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 85.7 0.0 173.8

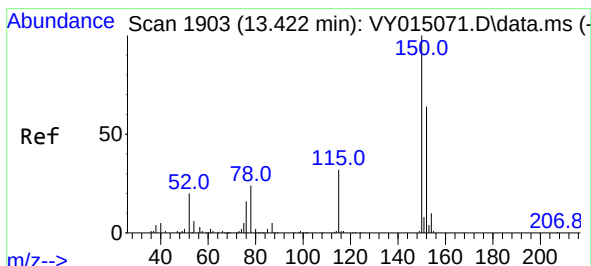
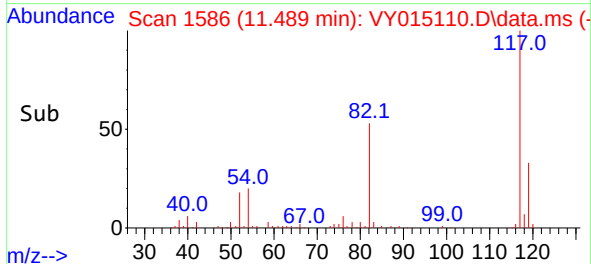
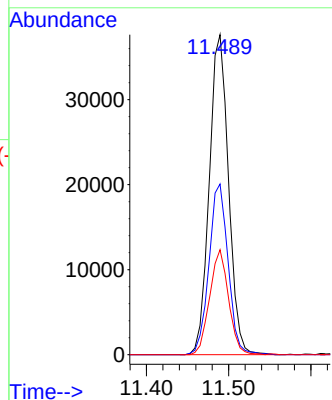
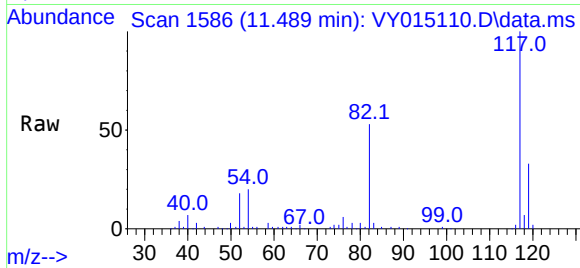




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423

Tgt Ion:117 Resp: 61141
Ion Ratio Lower Upper
117 100
82 53.3 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: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion:152 Resp: 25069
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 161.2 0.0 348.8

