

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015173.D
 Acq On : 17 Aug 2023 15:41
 Operator : SY/MD
 Sample : 04019-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-081523

Quant Time: Aug 17 16:30:30 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	2905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1751	50.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.420%
35) Dibromofluoromethane	7.716	113	403	12.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.520%#
50) Toluene-d8	10.179	98	5558	45.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.477	95	1968	44.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.040%

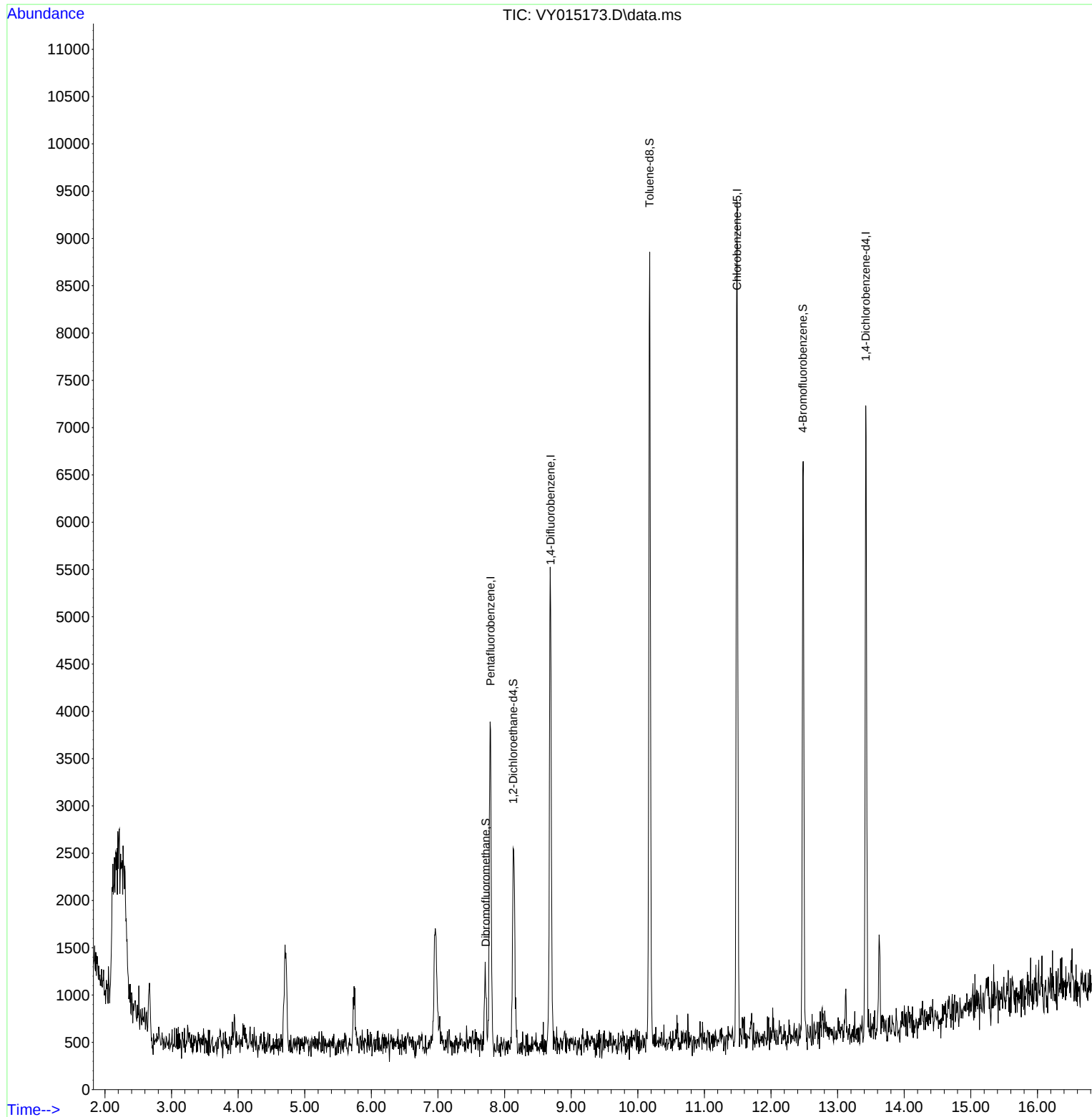
Target Compounds	Qvalue

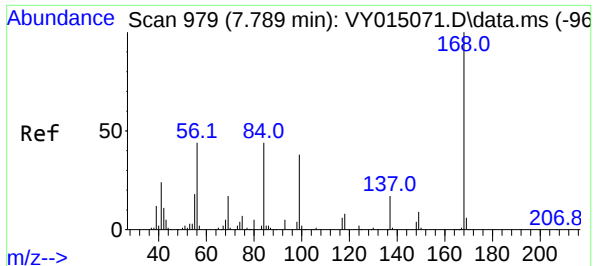
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015173.D
Acq On : 17 Aug 2023 15:41
Operator : SY/MD
Sample : 04019-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-081523

Quant Time: Aug 17 16:30:30 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

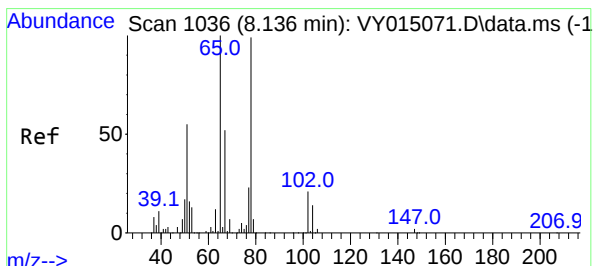
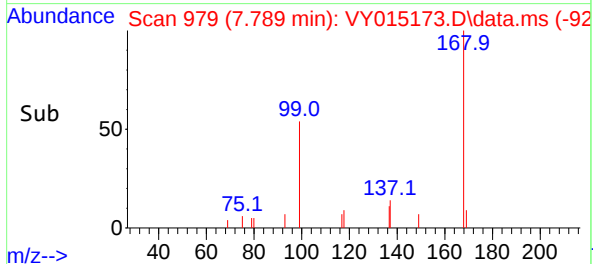
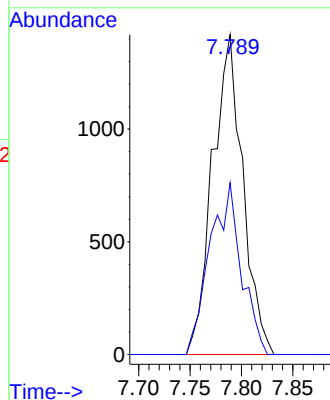
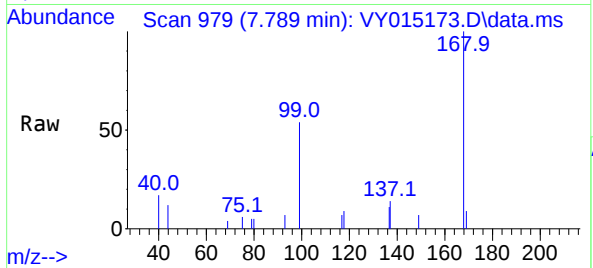




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015173.D
Acq: 17 Aug 2023 15:41

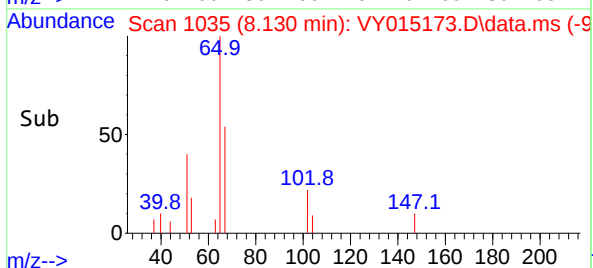
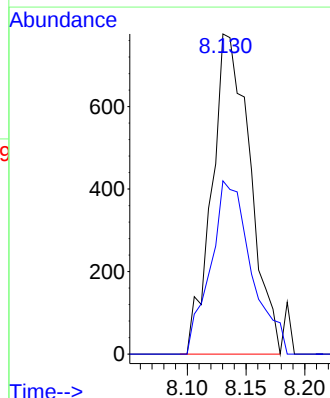
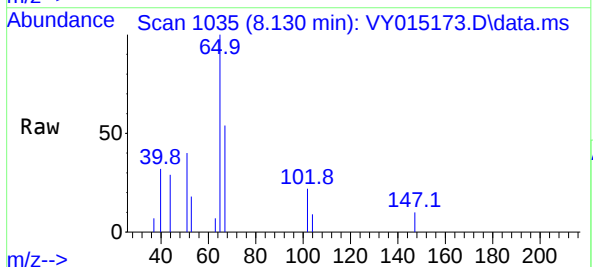
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-081523

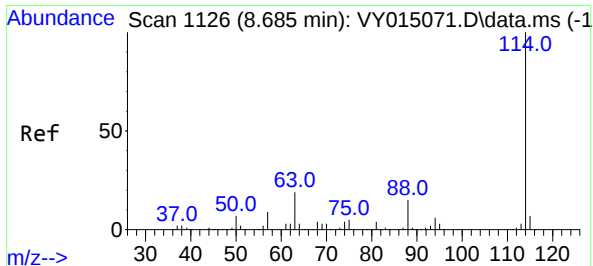
Tgt Ion:168 Resp: 2905
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.212 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015173.D
Acq: 17 Aug 2023 15:41

Tgt Ion: 65 Resp: 1751
Ion Ratio Lower Upper
65 100
67 57.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015173.D

Acq: 17 Aug 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-081523

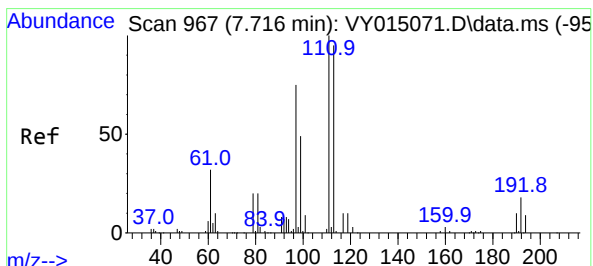
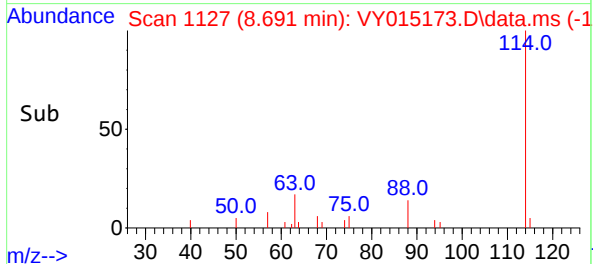
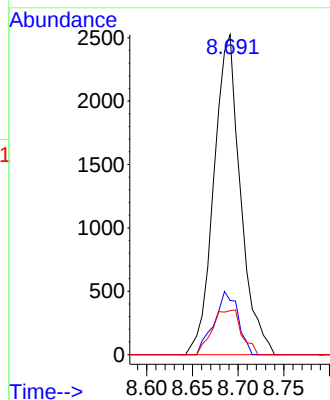
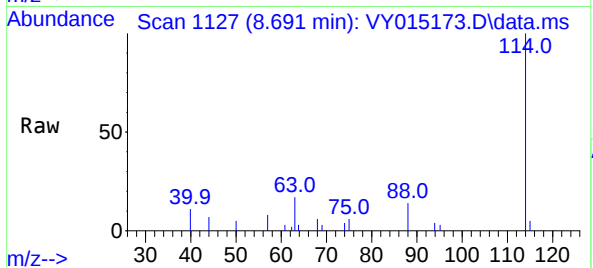
Tgt Ion:114 Resp: 5111

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 12.256 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015173.D

Acq: 17 Aug 2023 15:41

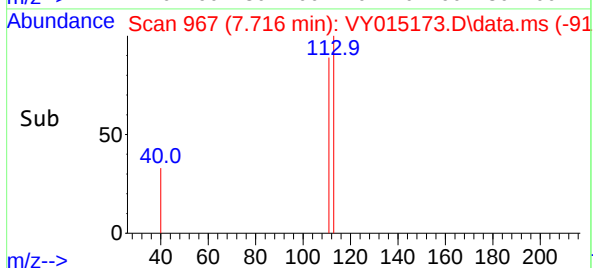
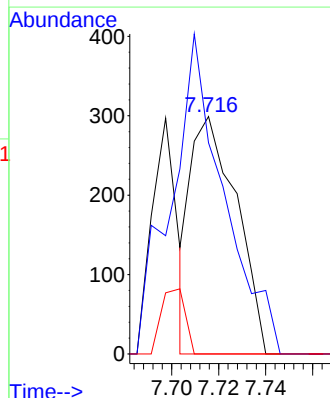
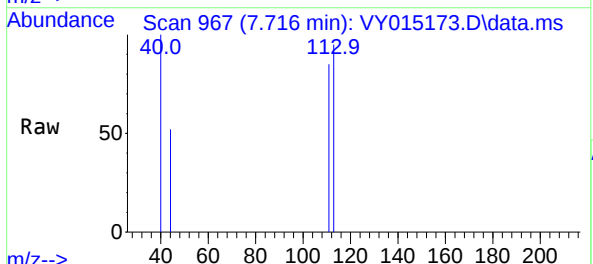
Tgt Ion:113 Resp: 403

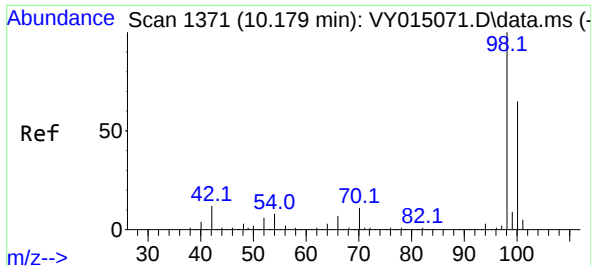
Ion Ratio Lower Upper

113 100

111 155.3 81.3 121.9#

192 0.0 16.9 25.3#

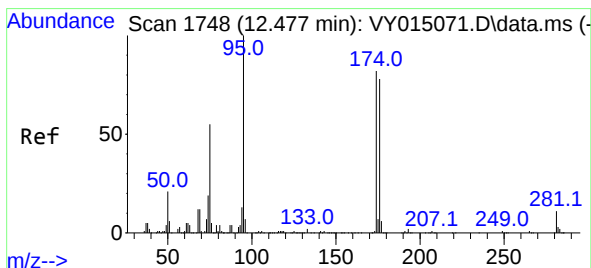
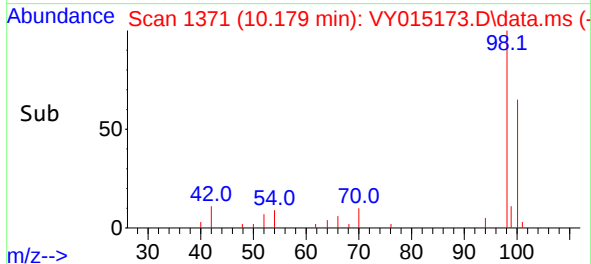
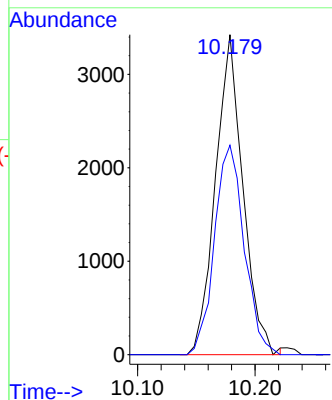
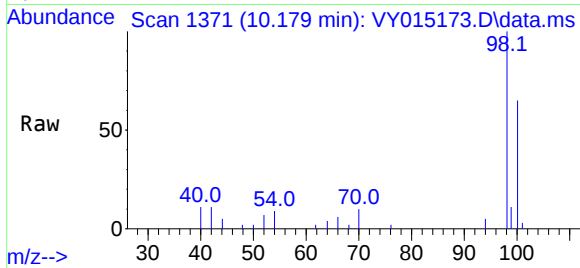




#50
Toluene-d8
Concen: 45.408 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015173.D
Acq: 17 Aug 2023 15:41

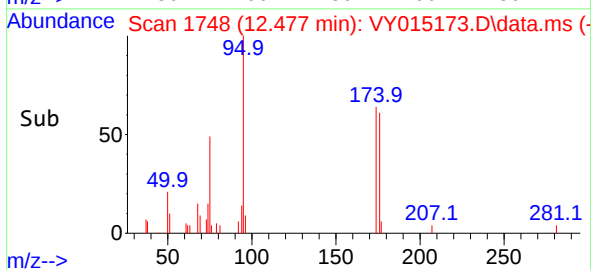
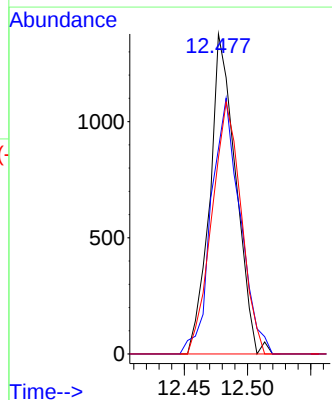
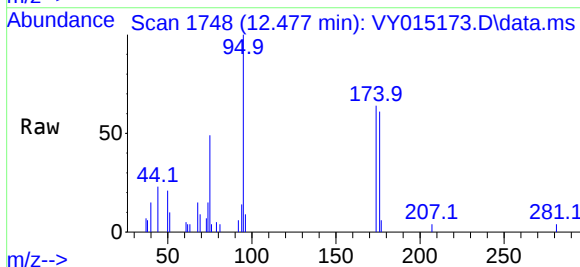
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-081523

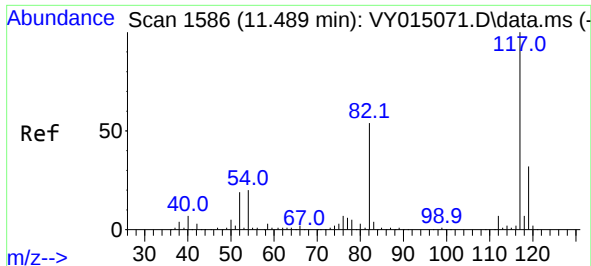
Tgt Ion: 98 Resp: 5558
Ion Ratio Lower Upper
98 100
100 70.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.020 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015173.D
Acq: 17 Aug 2023 15:41

Tgt Ion: 95 Resp: 1968
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 88.4 0.0 173.8

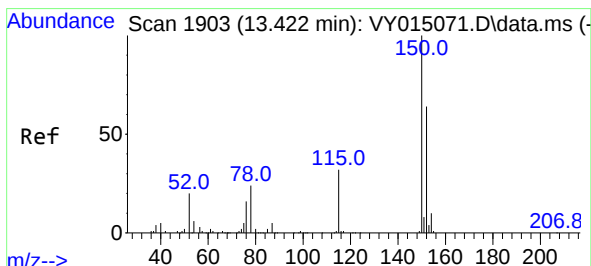
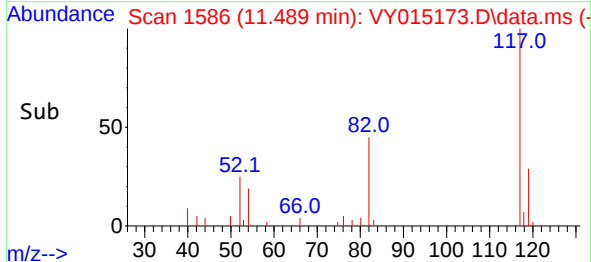
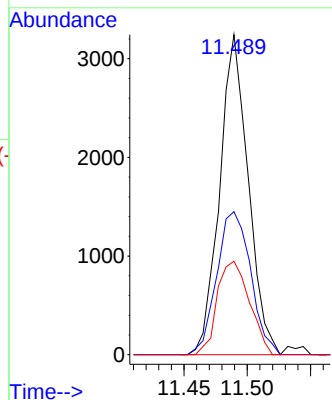
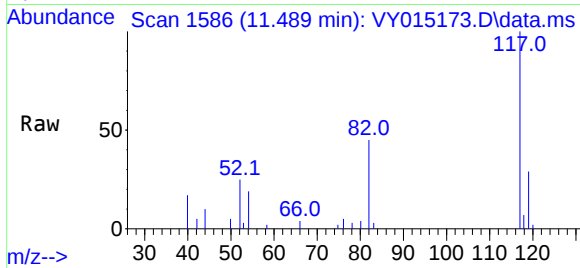




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015173.D
Acq: 17 Aug 2023 15:41

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-081523

Tgt Ion:117	Resp:	5099
Ion	Ratio	Lower Upper
117	100	
82	44.7	43.4 65.0
119	29.2	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: VY015173.D
Acq: 17 Aug 2023 15:41

Tgt Ion:152	Resp:	2068
Ion	Ratio	Lower Upper
152	100	
115	53.6	28.8 86.5
150	152.5	0.0 348.8

