

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009457.D
 Acq On : 06 Jul 2022 16:28
 Operator : KP/MD
 Sample : N3587-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 07 01:50:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	206075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	357229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	89876	54.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.710	113	79503	40.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.960%
50) Toluene-d8	10.173	98	325311	54.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.477	95	132895	46.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	93.060%

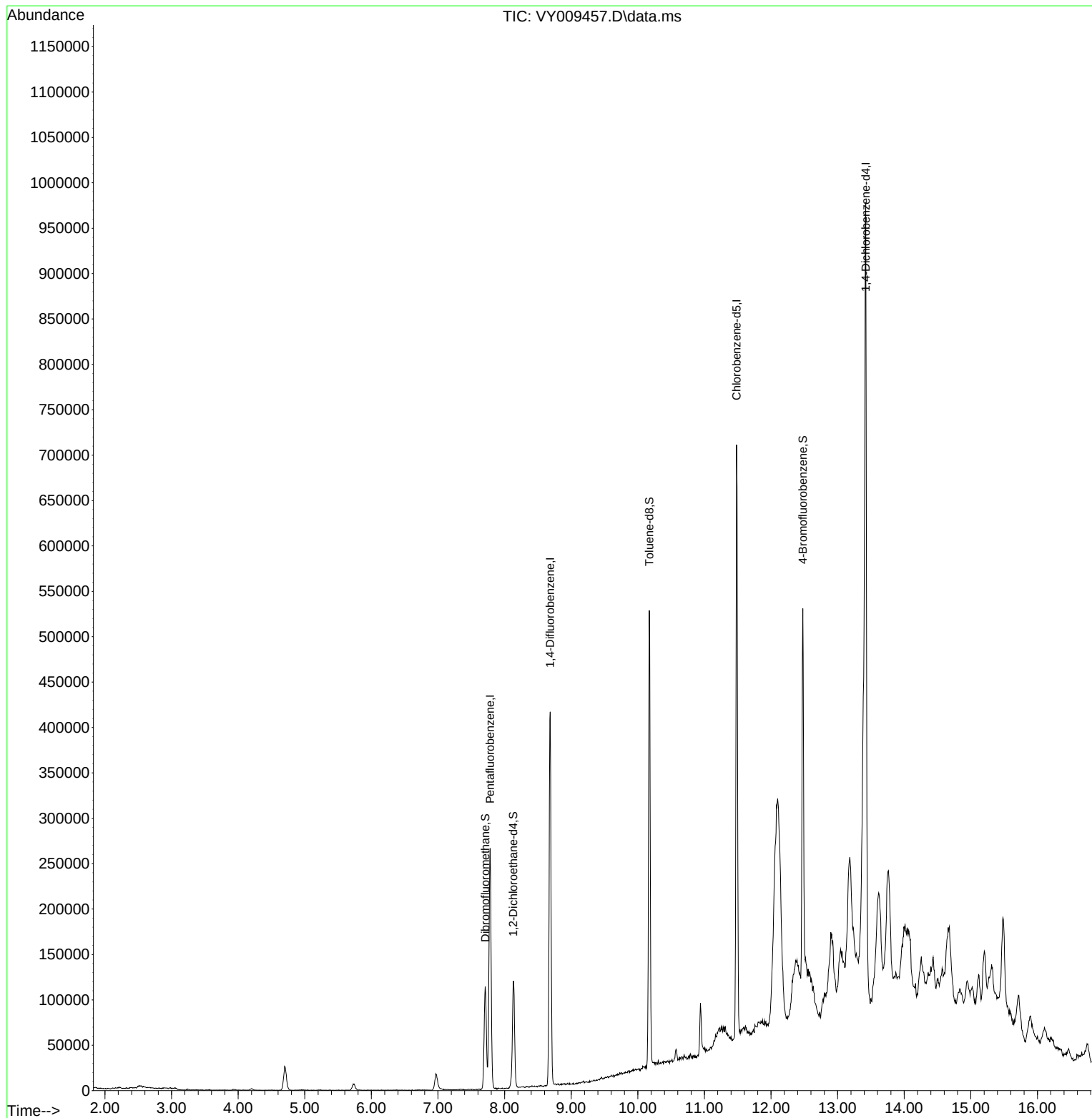
Target Compounds	Qvalue

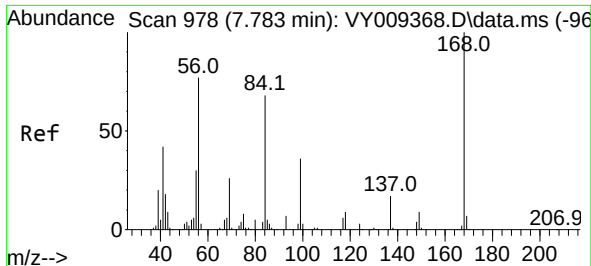
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009457.D
Acq On : 06 Jul 2022 16:28
Operator : KP/MD
Sample : N3587-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jul 07 01:50:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

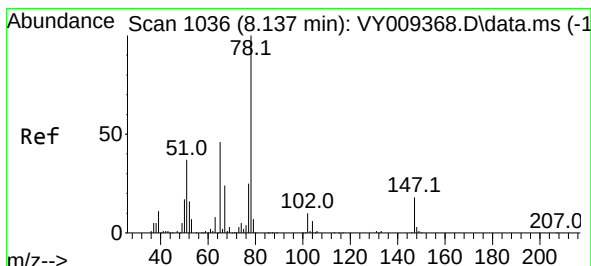
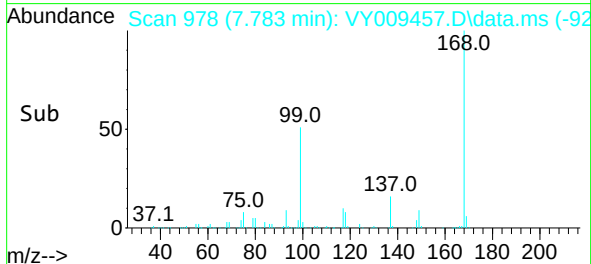
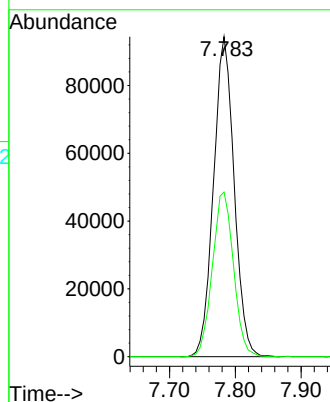
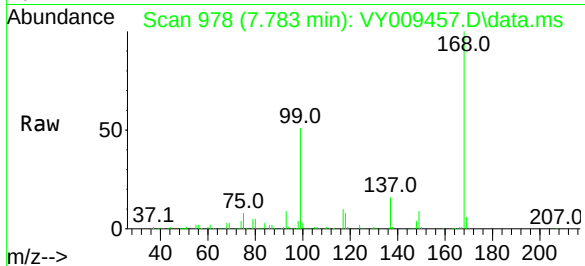




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

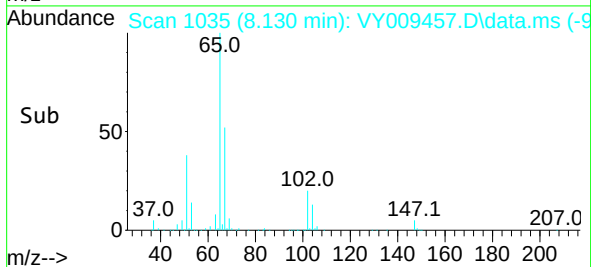
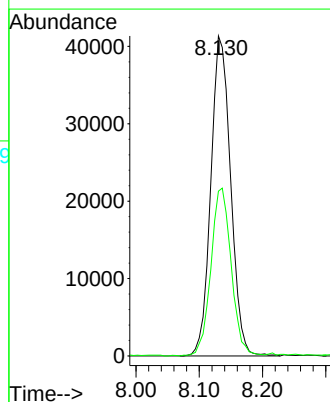
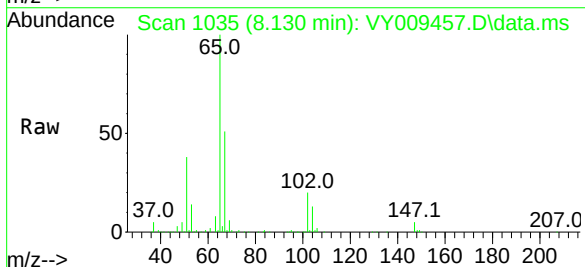
Instrument :
MSVOA_Y
ClientSampleId :
VOC

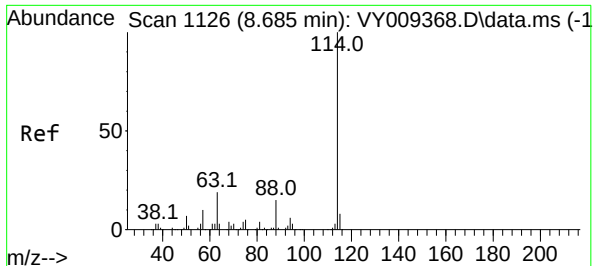
Tgt Ion:168 Resp: 206075
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.451 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

Tgt Ion: 65 Resp: 89876
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009457.D

Acq: 06 Jul 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VOC

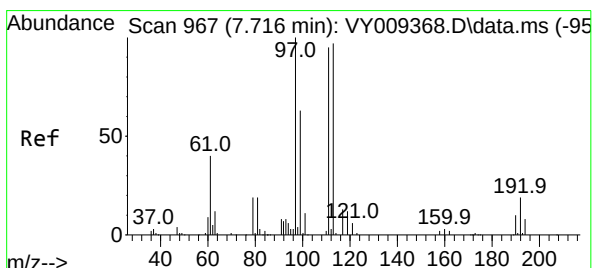
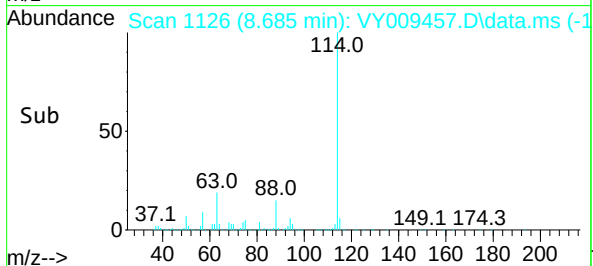
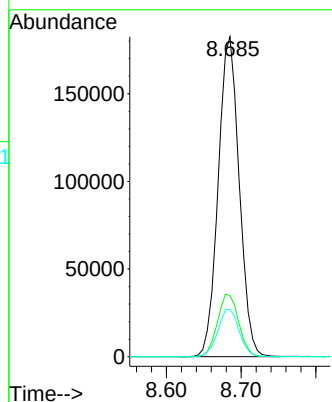
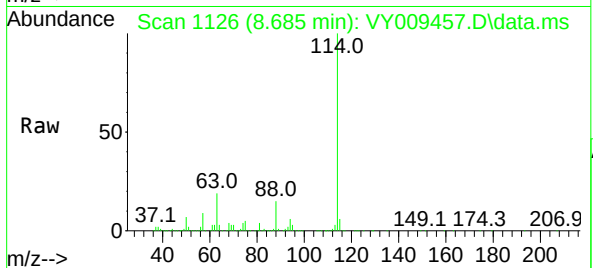
Tgt Ion:114 Resp: 356875

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.477 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009457.D

Acq: 06 Jul 2022 16:28

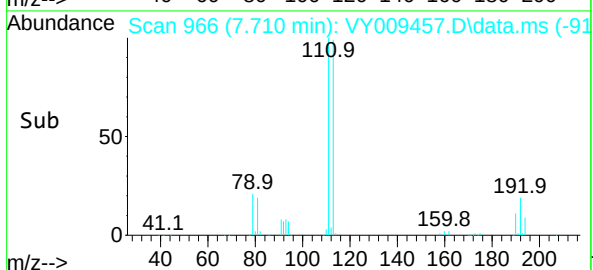
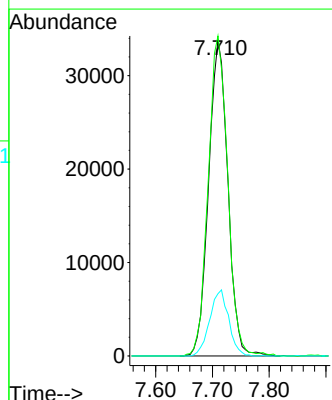
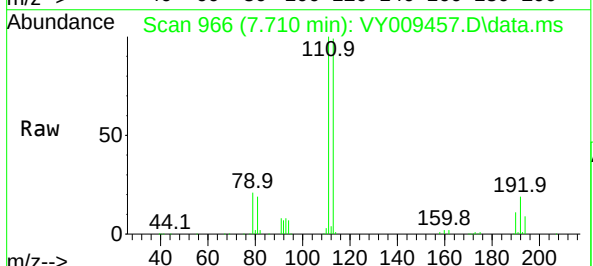
Tgt Ion:113 Resp: 79503

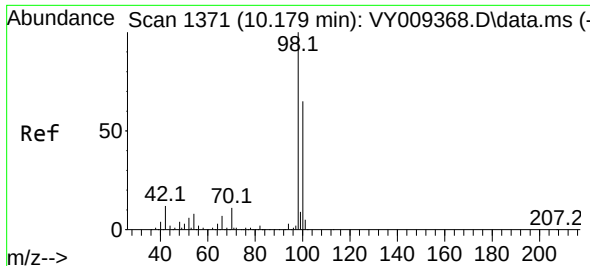
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.7 17.6 26.4

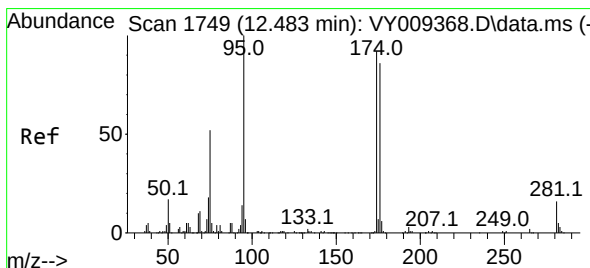
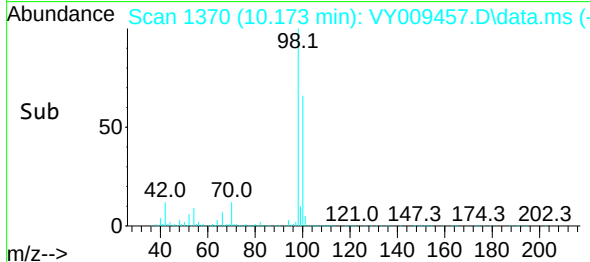
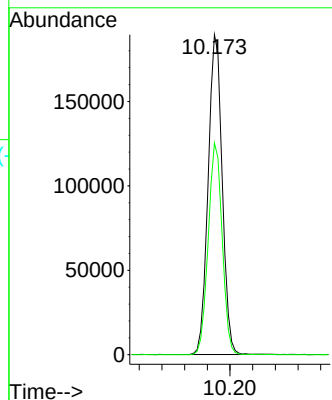
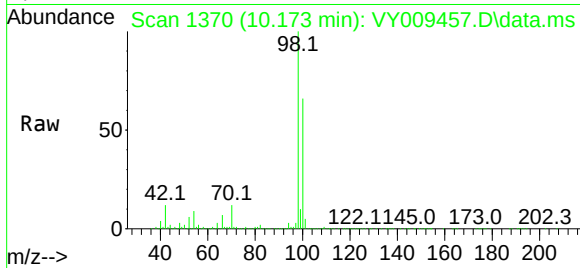




#50
Toluene-d8
Concen: 54.020 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

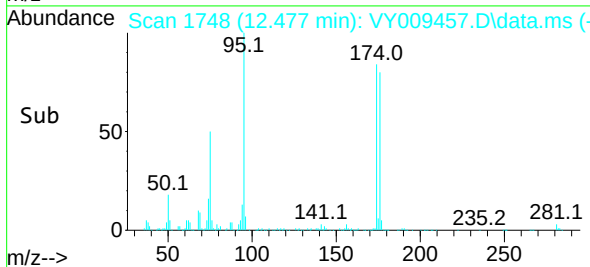
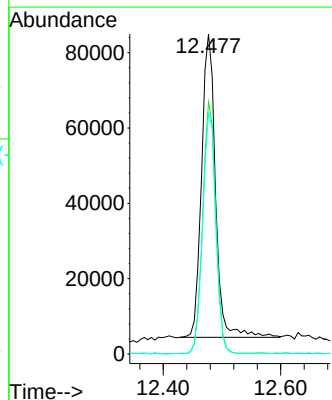
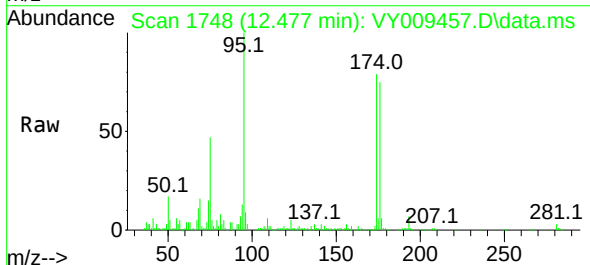
Instrument :
MSVOA_Y
ClientSampleId :
VOC

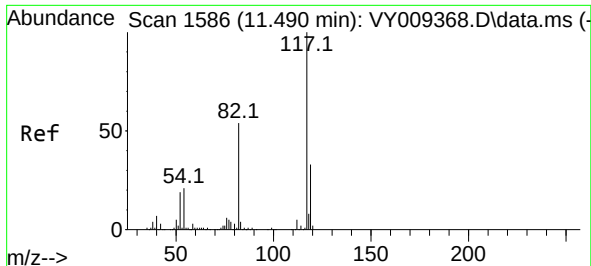
Tgt Ion: 98 Resp: 325311
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.530 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

Tgt Ion: 95 Resp: 132895
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 75.6 0.0 175.8

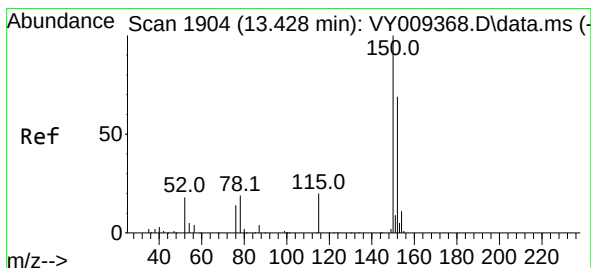
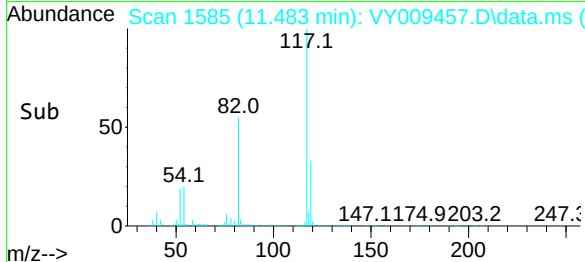
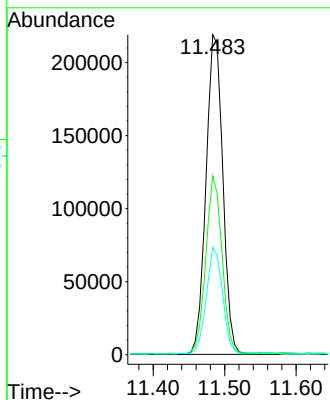
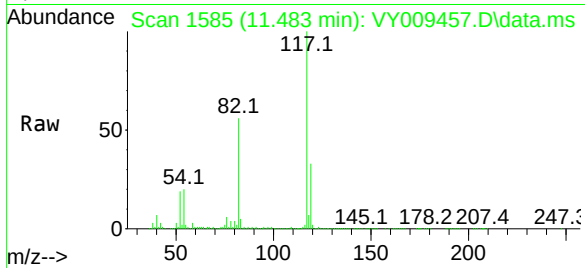




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 357229
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009457.D
Acq: 06 Jul 2022 16:28

Tgt Ion:152 Resp: 177365
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 151.5 0.0 347.6

