

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009756.D
 Acq On : 28 Jul 2022 17:12
 Operator : KP/MD
 Sample : N3895-14
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-52

Quant Time: Jul 29 02:57:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69075	68.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.360%
35) Dibromofluoromethane	7.709	113	62922	40.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.000%
50) Toluene-d8	10.172	98	226728	49.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.477	95	73636	35.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.600%

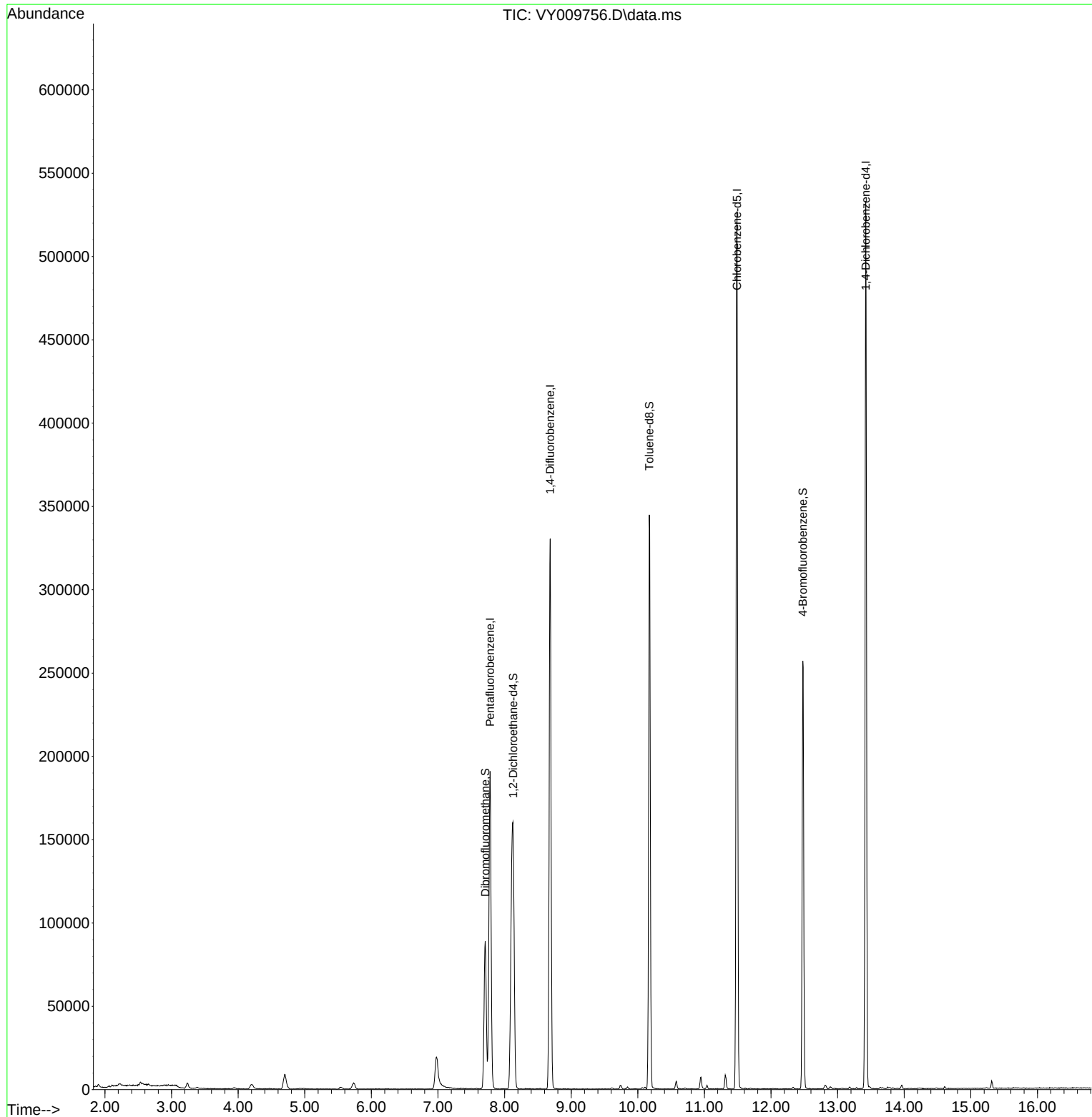
Target Compounds	Qvalue

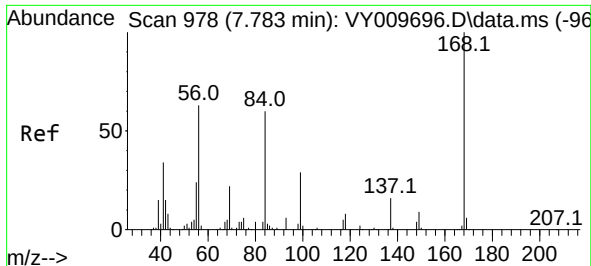
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
Data File : VY009756.D
Acq On : 28 Jul 2022 17:12
Operator : KP/MD
Sample : N3895-14
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

Quant Time: Jul 29 02:57:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

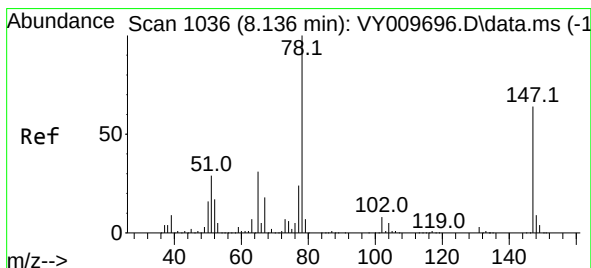
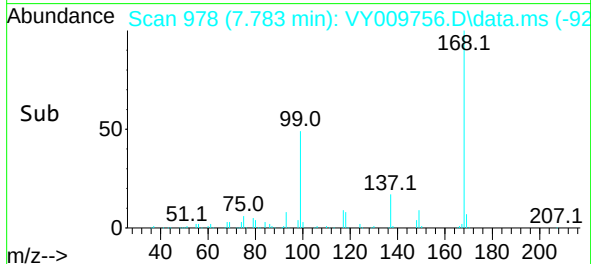
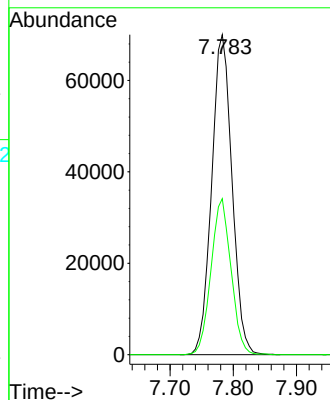
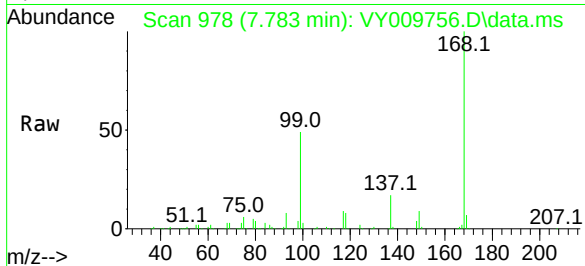




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

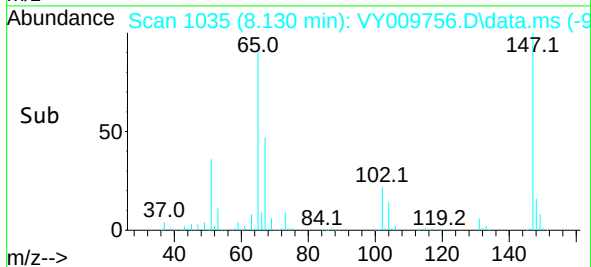
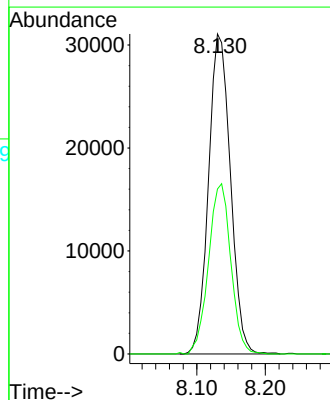
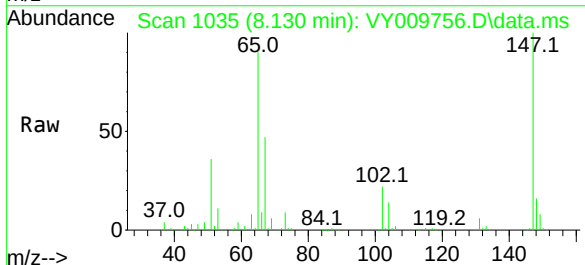
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

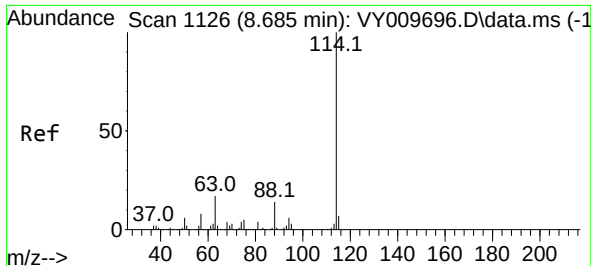
Tgt Ion:168 Resp: 156526
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.177 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 65 Resp: 69075
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009756.D

Acq: 28 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

RVE-52

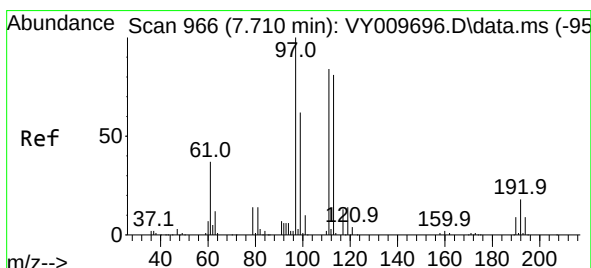
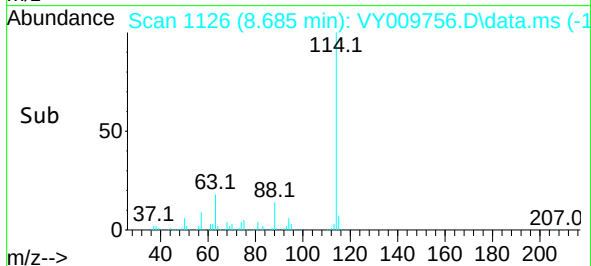
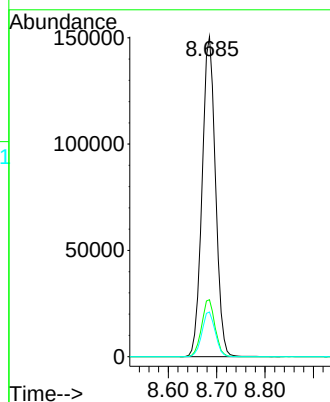
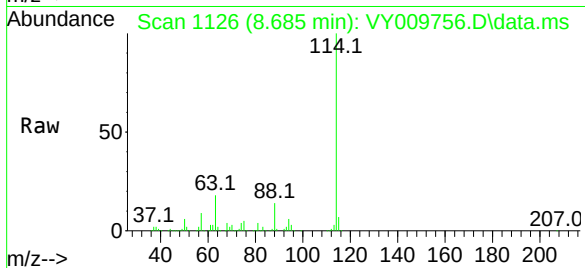
Tgt Ion:114 Resp: 289228

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.000 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

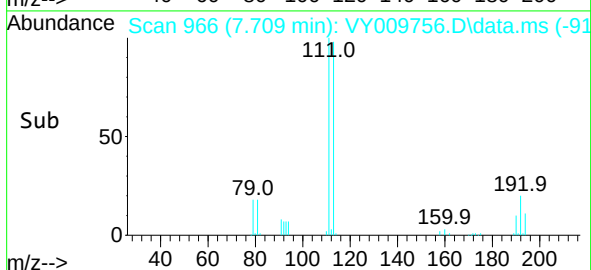
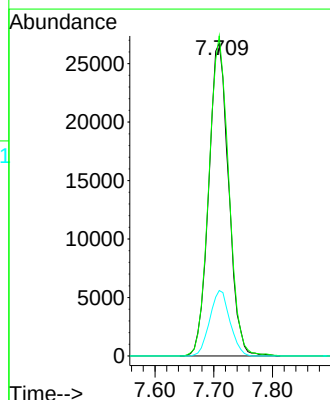
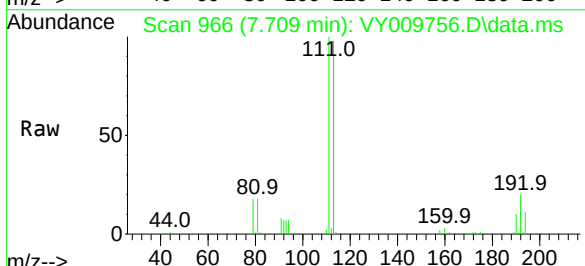
Tgt Ion:113 Resp: 62922

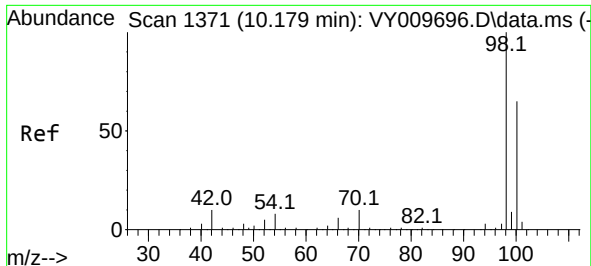
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.1 17.6 26.4

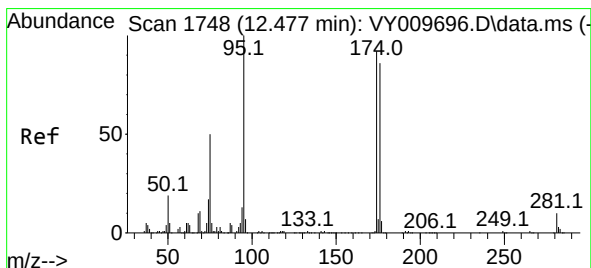
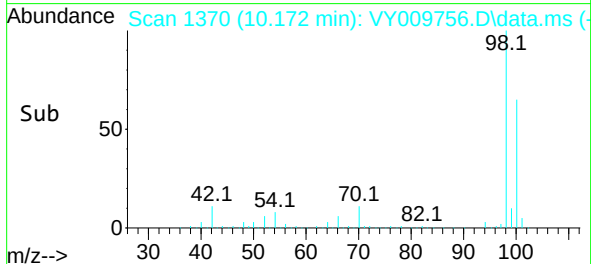
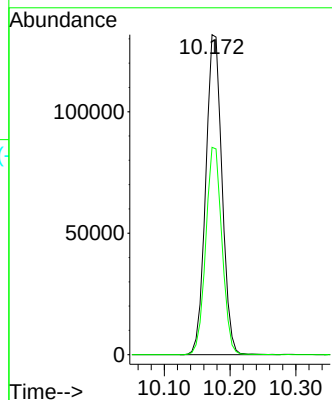
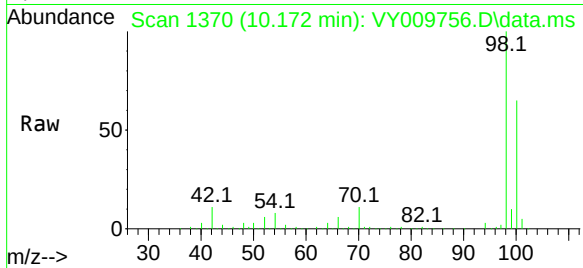




#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

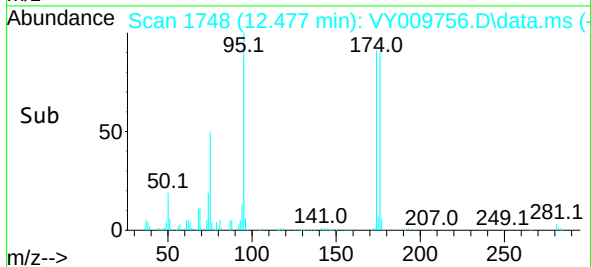
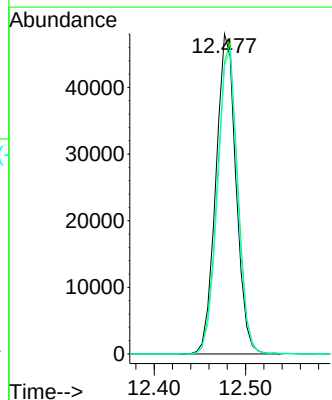
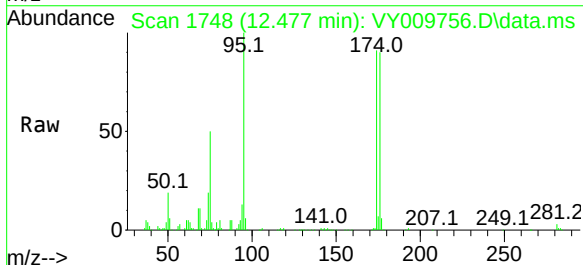
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

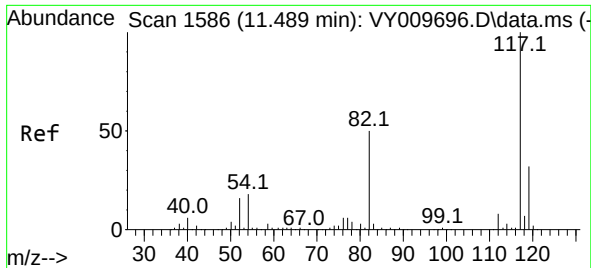
Tgt Ion: 98 Resp: 226728
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.303 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 95 Resp: 73636
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 94.2 0.0 175.8

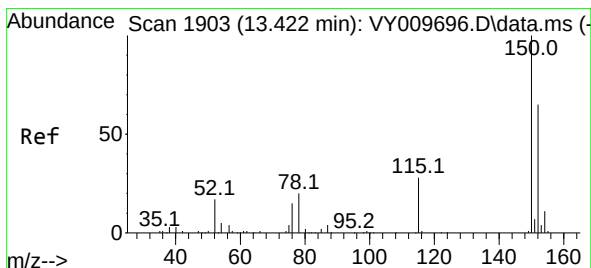
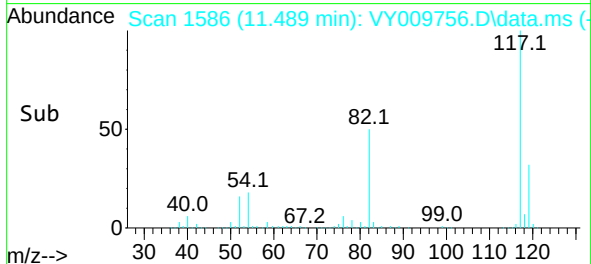
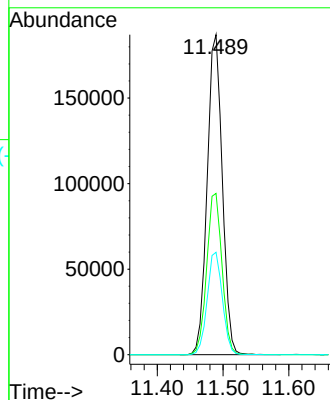
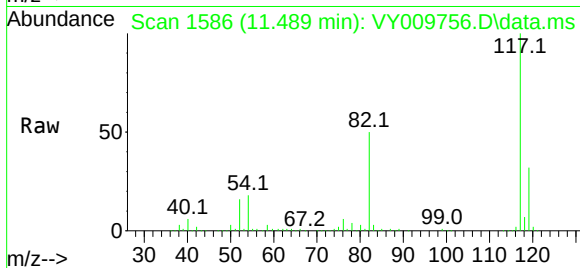




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

Tgt Ion:117 Resp: 299026
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 32.0 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: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion:152 Resp: 138234
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 158.5 0.0 347.6

