

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009903.D
 Acq On : 09 Aug 2022 04:19
 Operator : KP/MD
 Sample : N3962-02
 Misc : 2.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-188

Quant Time: Aug 09 07:01:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	57726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25751	57.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.709	113	25318	40.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.178	98	86692	45.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.477	95	26554	30.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.520%

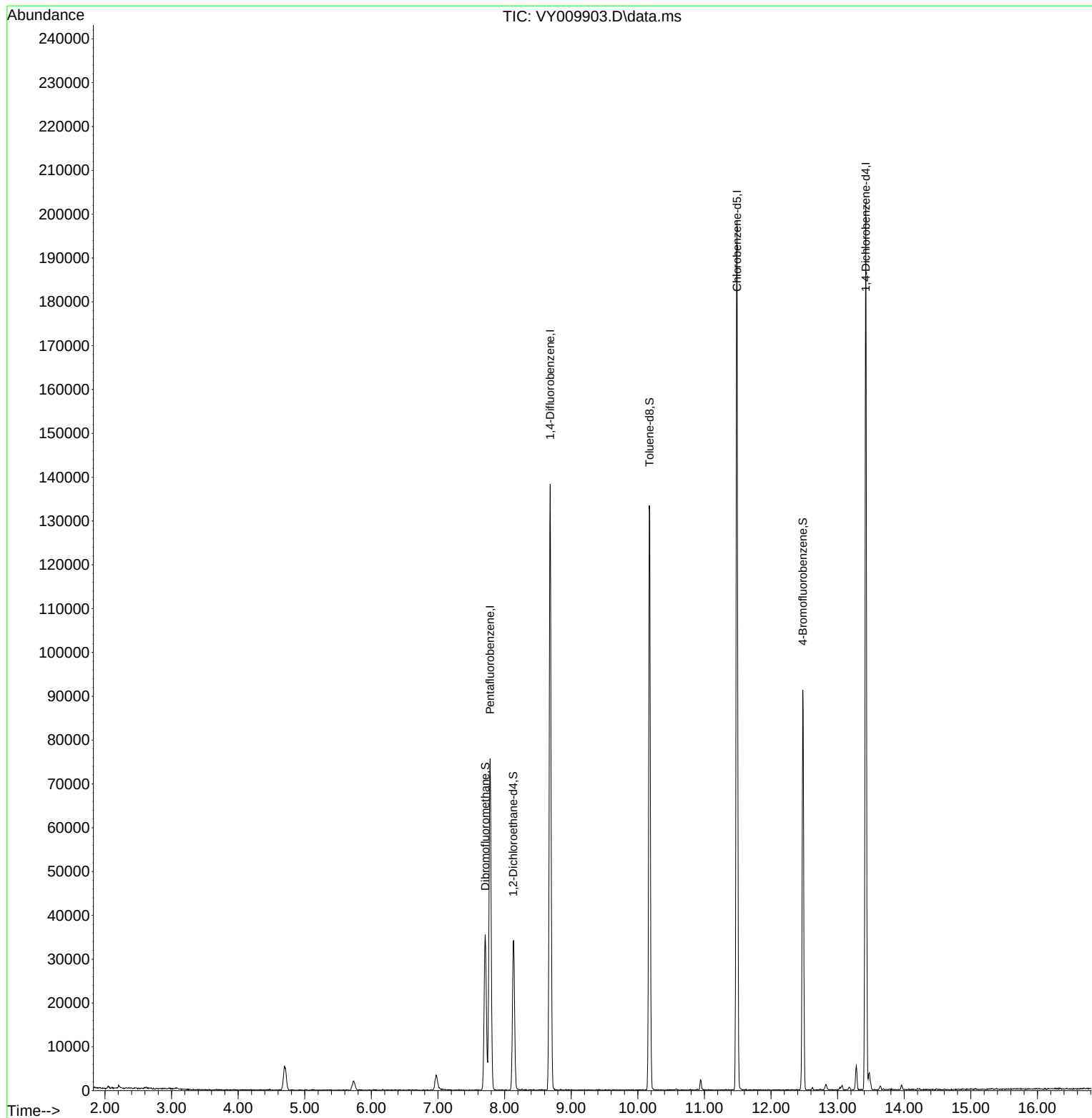
Target Compounds	Qvalue

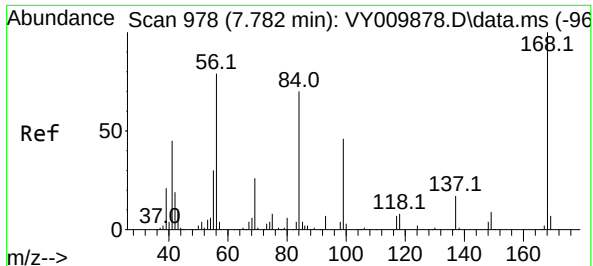
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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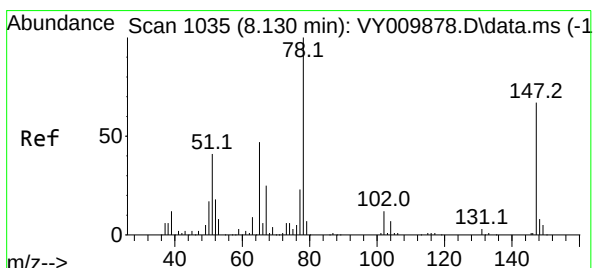
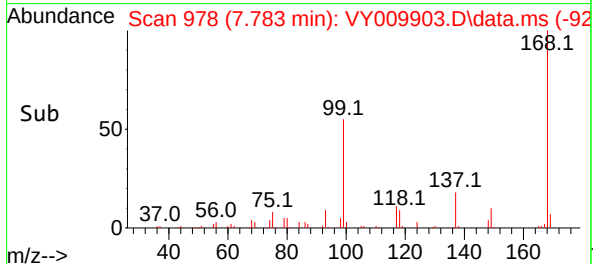
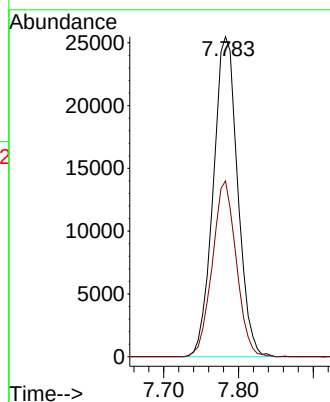
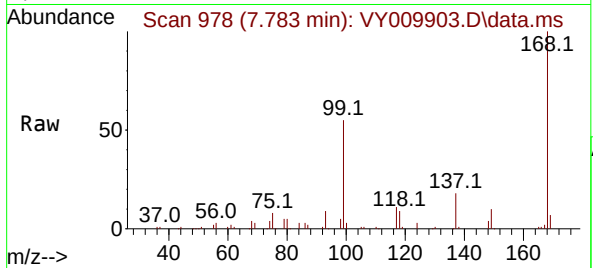




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

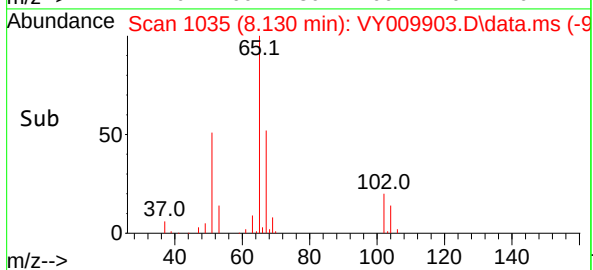
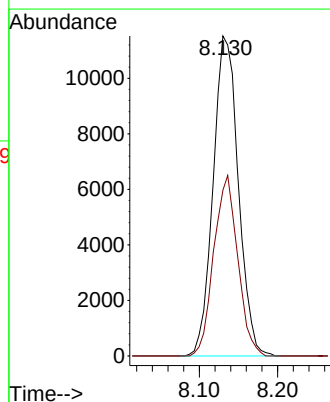
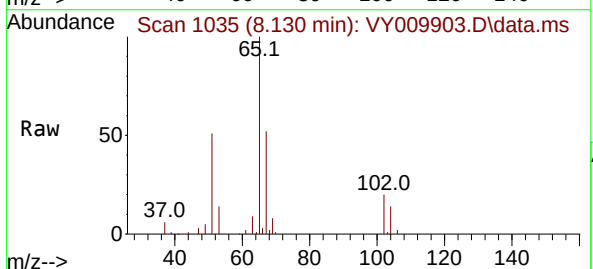
Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

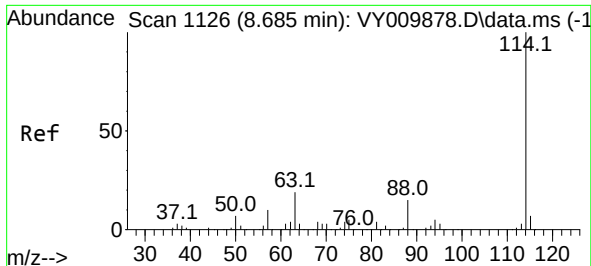
Tgt Ion:168 Resp: 57726
Ion Ratio Lower Upper
168 100
99 54.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 57.890 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

Tgt Ion: 65 Resp: 25751
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009903.D

Acq: 09 Aug 2022 04:19

Instrument :

MSVOA_Y

ClientSampleId :

RVE-188

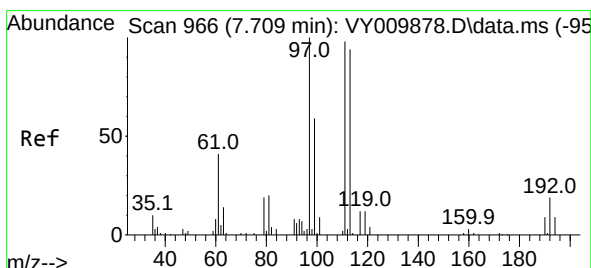
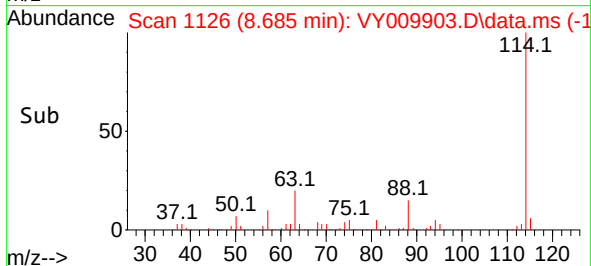
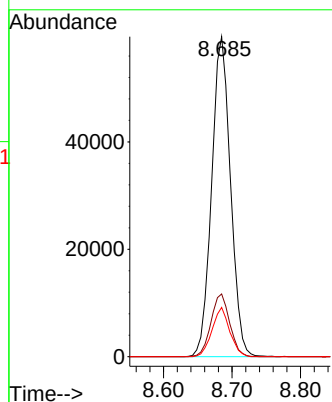
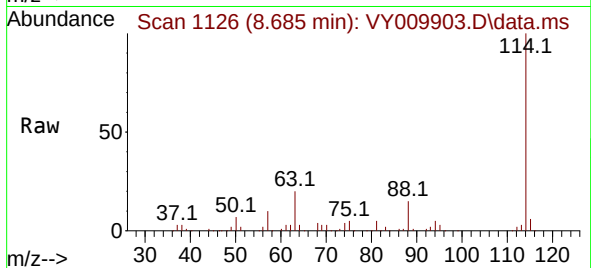
Tgt Ion:114 Resp: 113892

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 40.951 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009903.D

Acq: 09 Aug 2022 04:19

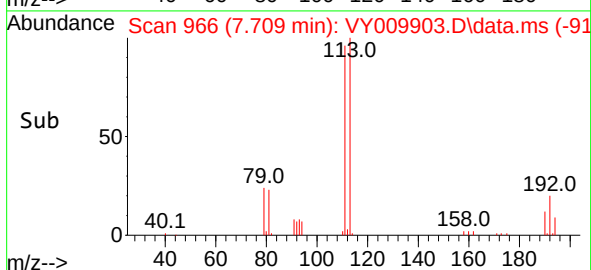
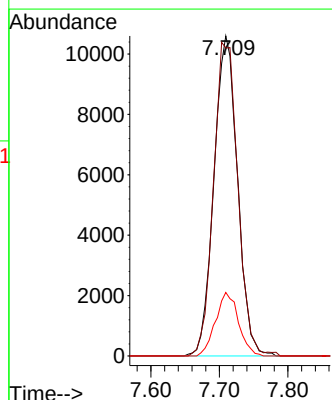
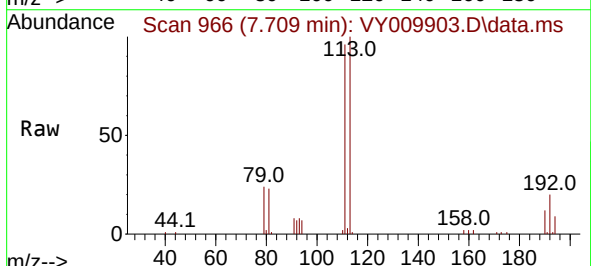
Tgt Ion:113 Resp: 25318

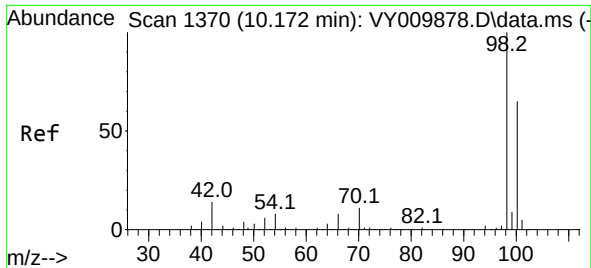
Ion Ratio Lower Upper

113 100

111 100.8 80.6 120.8

192 19.3 16.2 24.4

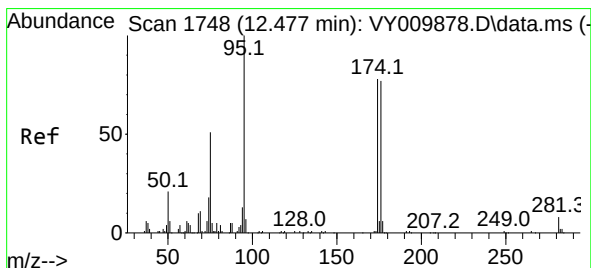
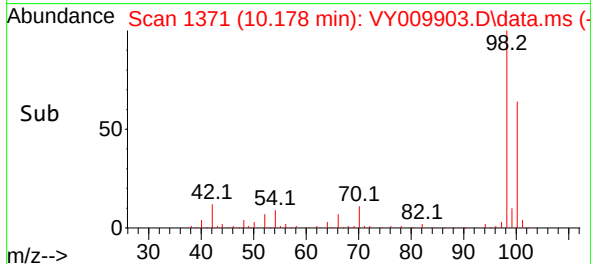
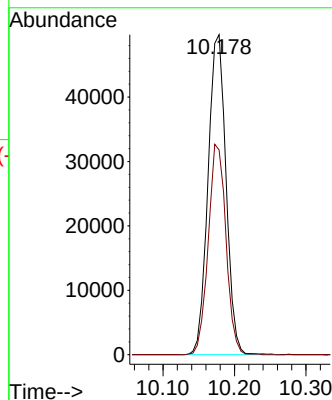
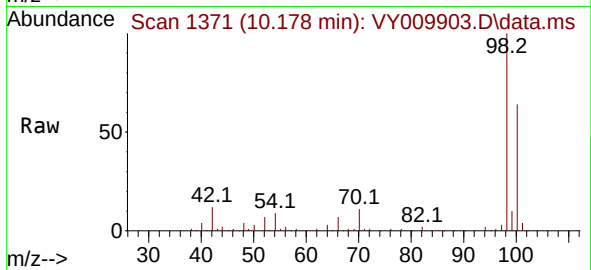




#50
Toluene-d8
Concen: 45.714 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

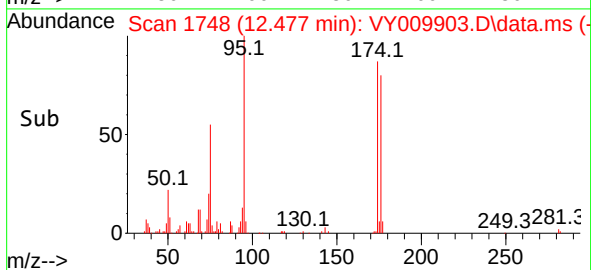
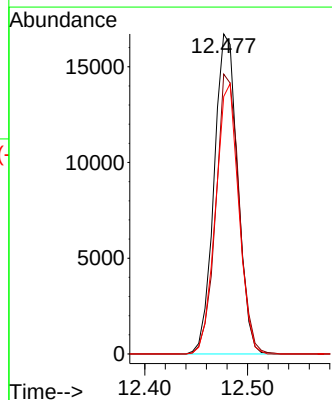
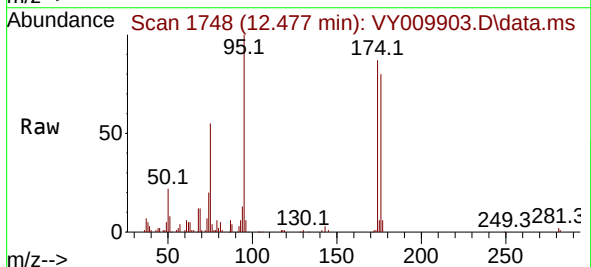
Instrument :
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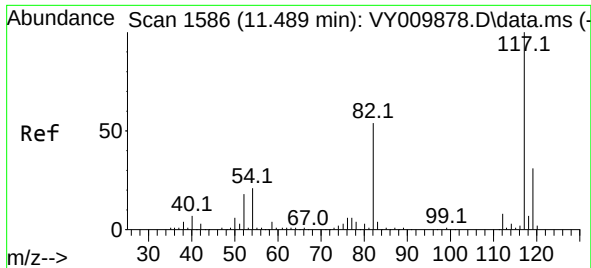
Tgt Ion: 98 Resp: 86692
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

Tgt Ion: 95 Resp: 26554
Ion Ratio Lower Upper
95 100
174 86.3 0.0 173.8
176 82.7 0.0 167.0

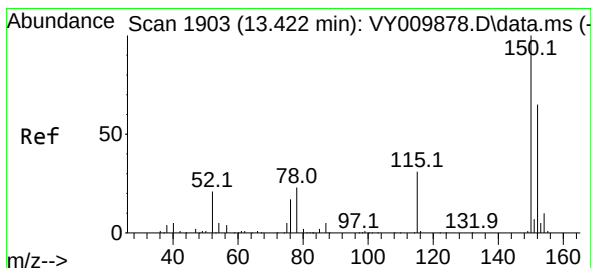
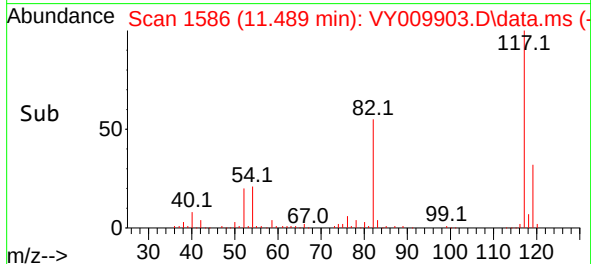
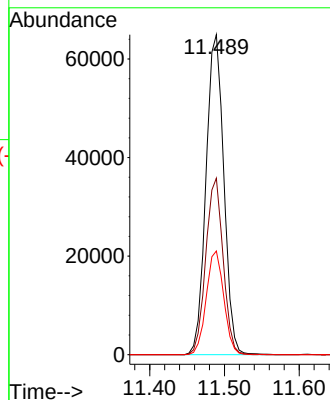
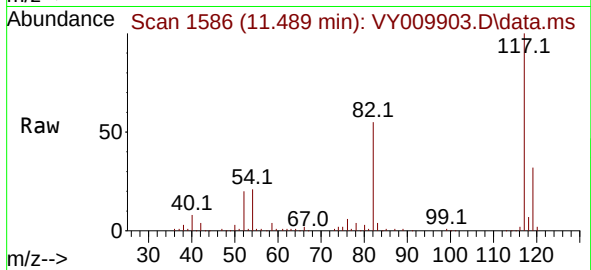




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

Tgt Ion:117 Resp: 107502
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.6
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 04:19

Tgt Ion:152 Resp: 48573
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 155.6 0.0 349.8

