

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009771.D
 Acq On : 29 Jul 2022 14:42
 Operator : KP/MD
 Sample : N3930-12
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-104

Quant Time: Aug 01 01:13:09 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	154987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66207	65.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.620%
35) Dibromofluoromethane	7.710	113	64264	43.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.060%
50) Toluene-d8	10.179	98	238061	55.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.477	95	79111	39.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.900%

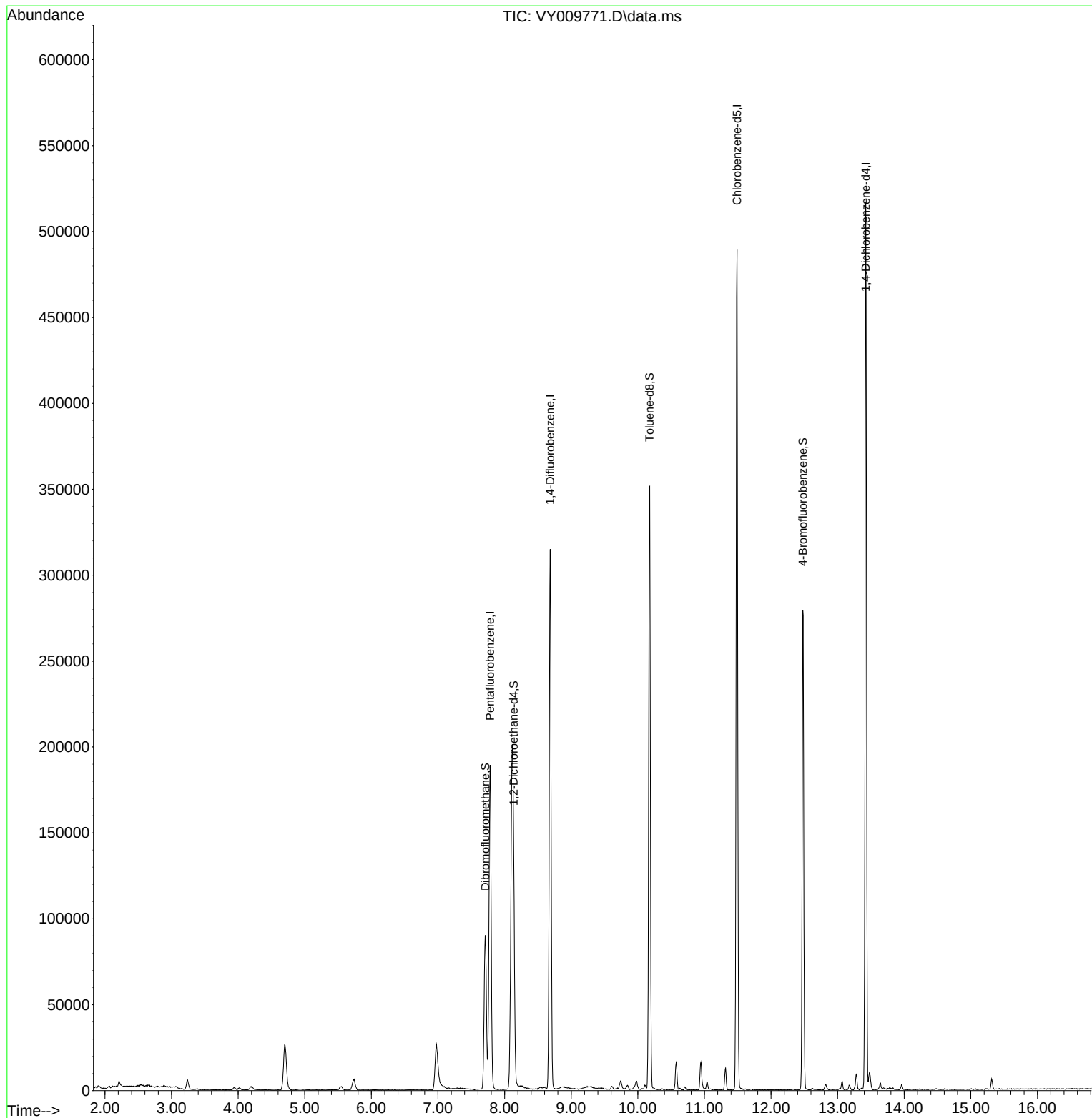
Target Compounds	Qvalue

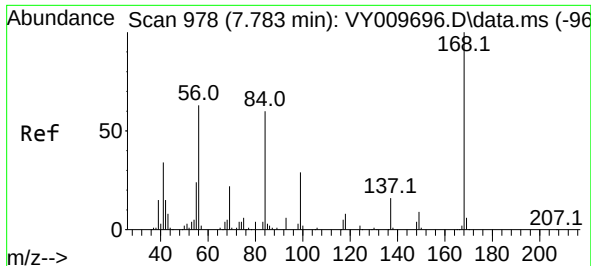
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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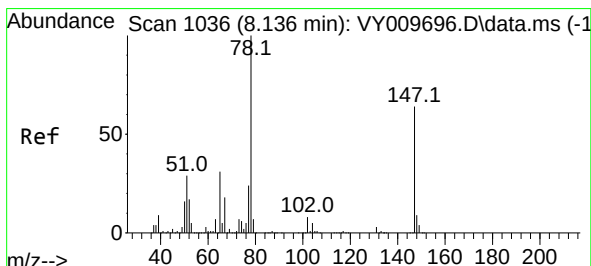
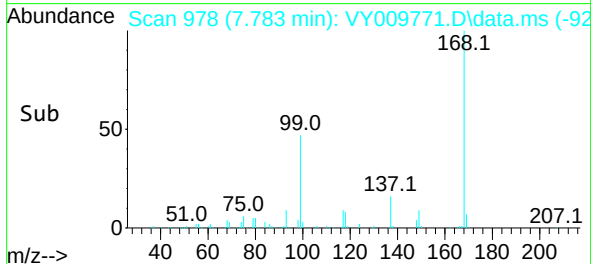
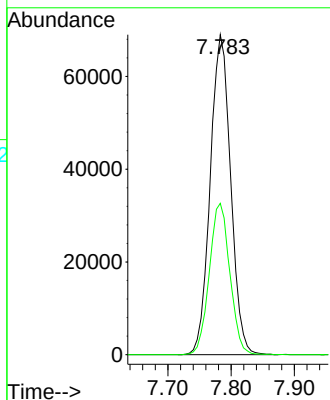
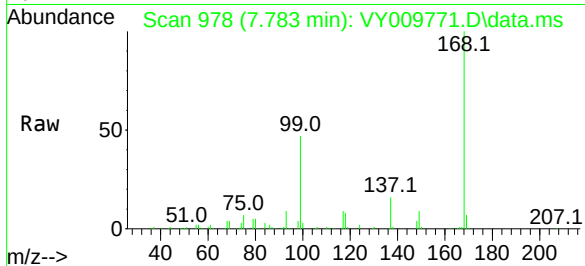




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

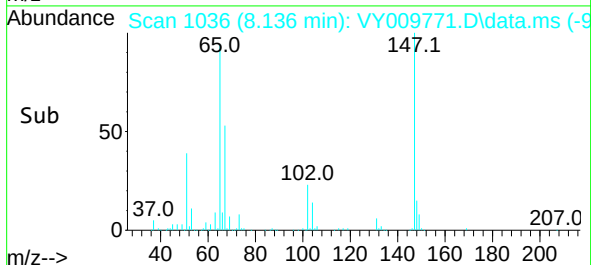
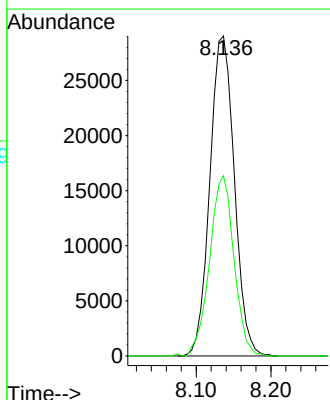
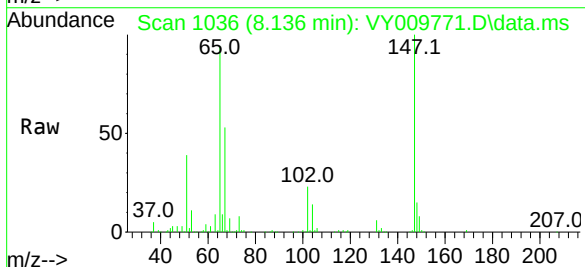
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

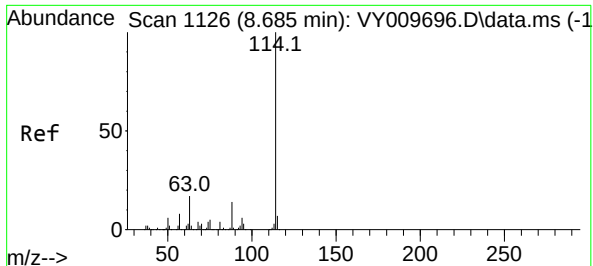
Tgt Ion:168 Resp: 154987
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.811 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 65 Resp: 66207
Ion Ratio Lower Upper
65 100
67 56.2 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: VY009771.D

Acq: 29 Jul 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

RVE-104

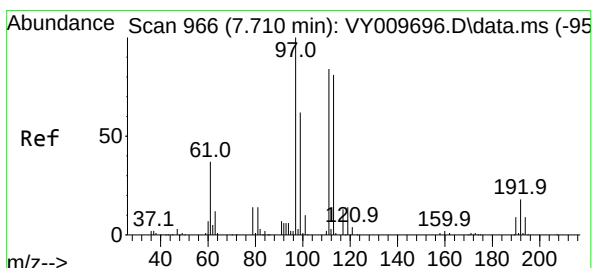
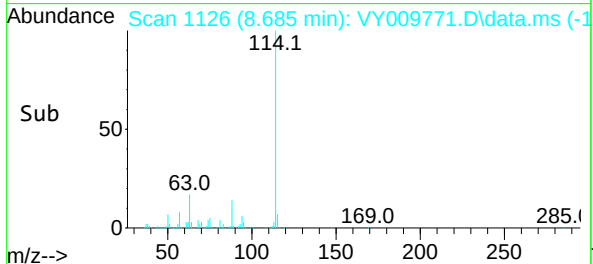
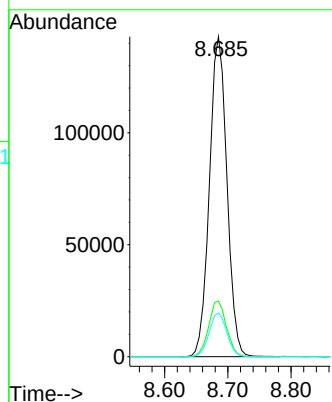
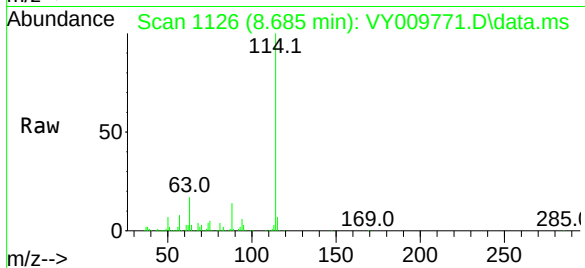
Tgt Ion:114 Resp: 274621

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.026 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009771.D

Acq: 29 Jul 2022 14:42

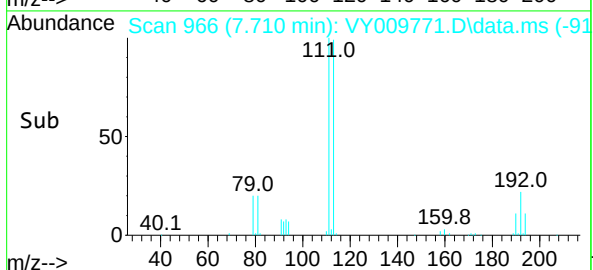
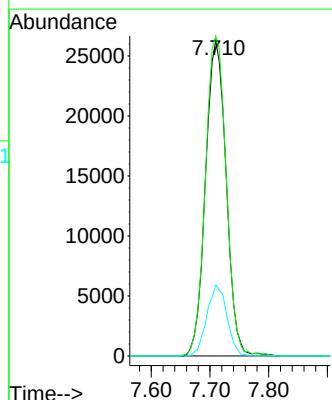
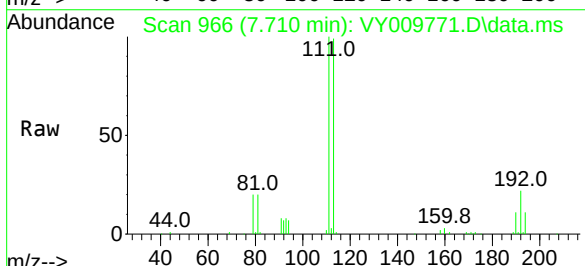
Tgt Ion:113 Resp: 64264

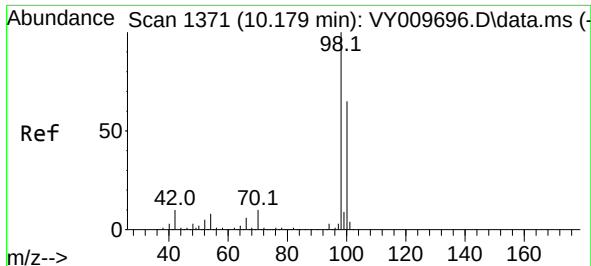
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.8 17.6 26.4

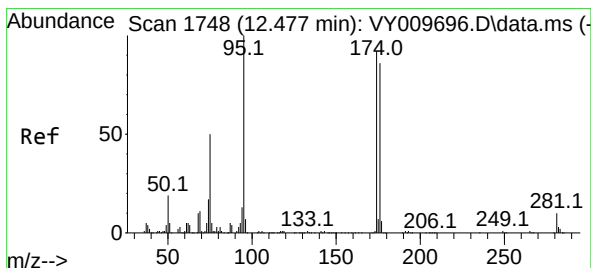
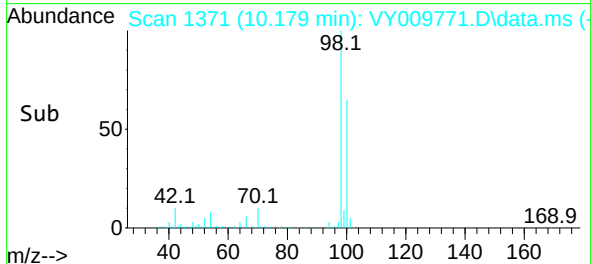
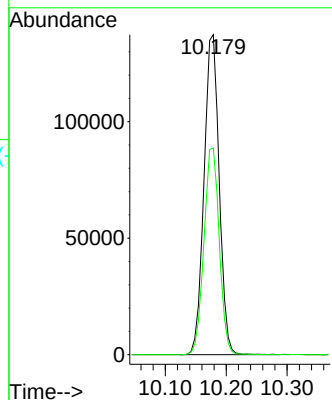
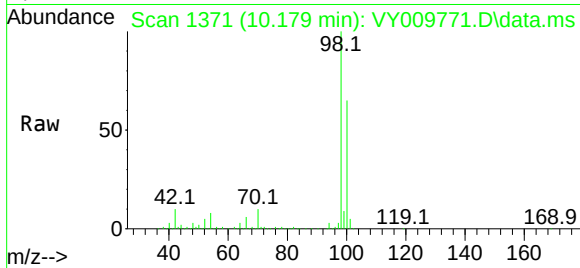




#50
Toluene-d8
Concen: 55.167 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

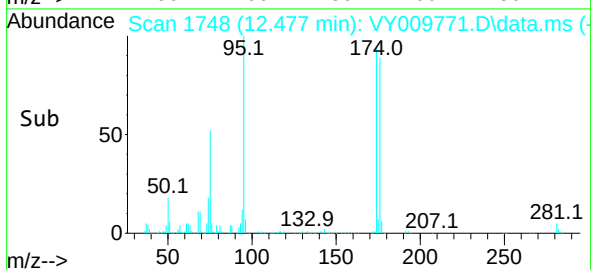
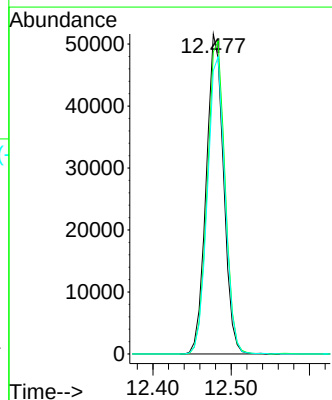
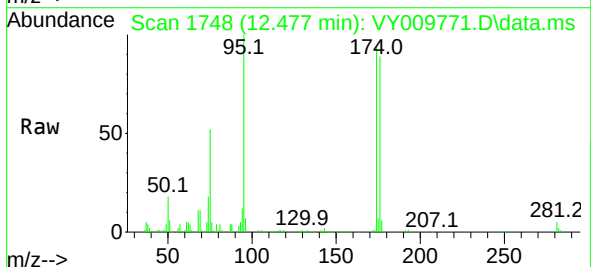
Instrument :
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RVE-104

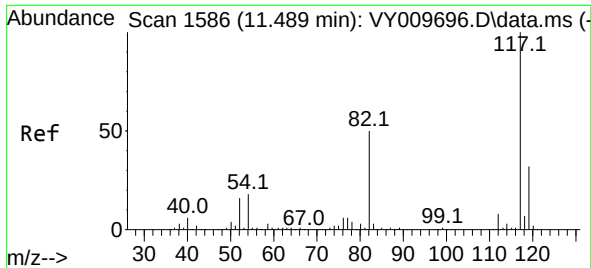
Tgt Ion: 98 Resp: 238061
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.945 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 95 Resp: 79111
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 94.4 0.0 175.8

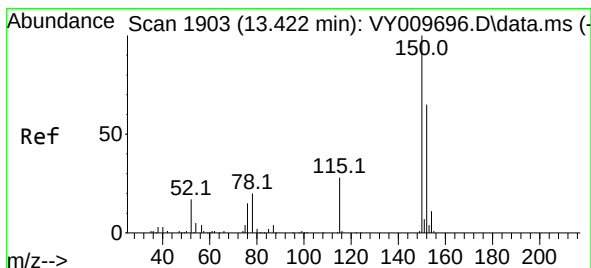
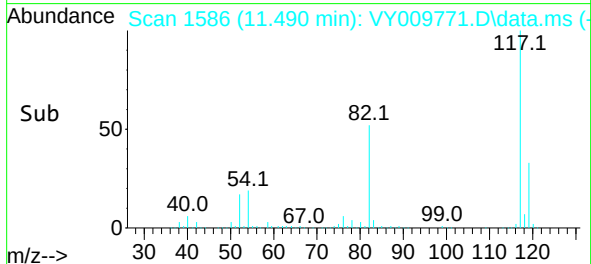
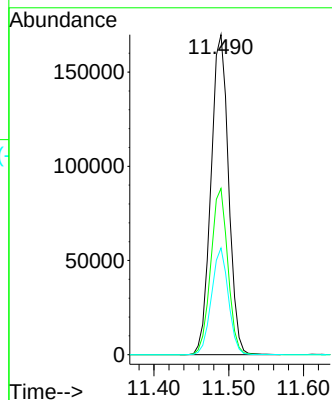
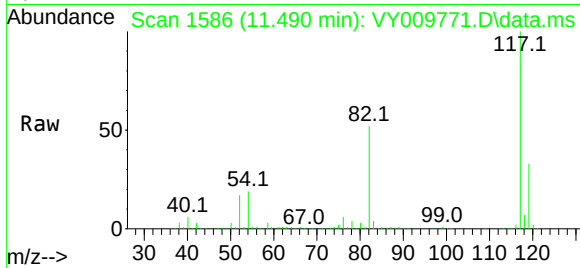




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

Tgt Ion:117 Resp: 277716
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 33.4 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: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion:152 Resp: 136402
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 156.9 0.0 347.6

