

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009833.D
 Acq On : 04 Aug 2022 15:34
 Operator : KP/MD
 Sample : N3961-05
 Misc : 3.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-172

Quant Time: Aug 05 01:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	53003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	96240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28209	66.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.560%
35) Dibromofluoromethane	7.710	113	25786	40.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.640%
50) Toluene-d8	10.179	98	88951	47.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.477	95	26771	31.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	62.600%

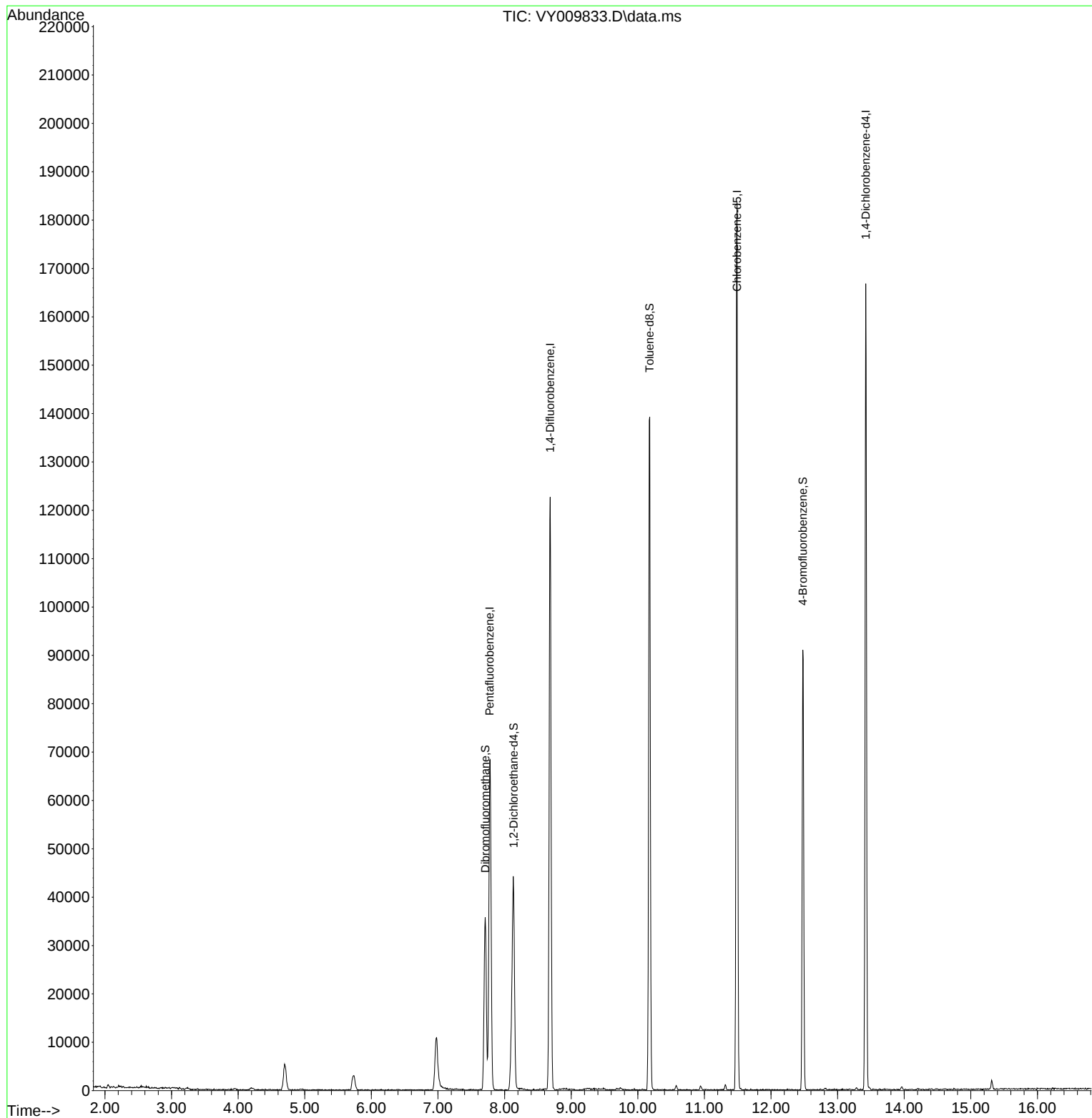
Target Compounds	Qvalue

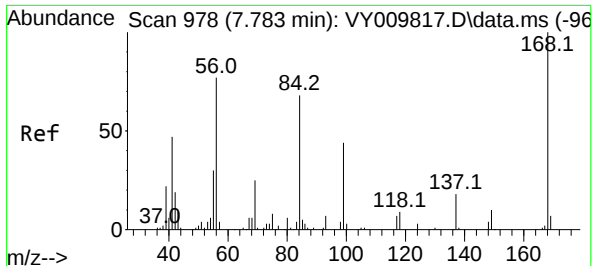
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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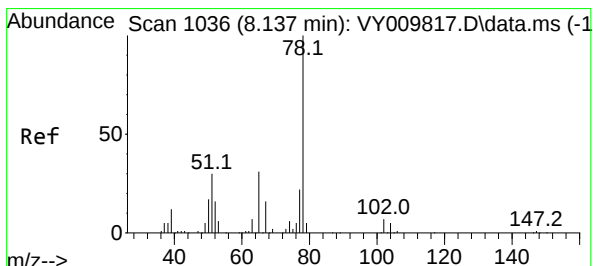
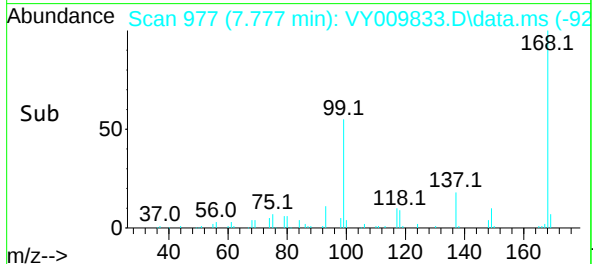
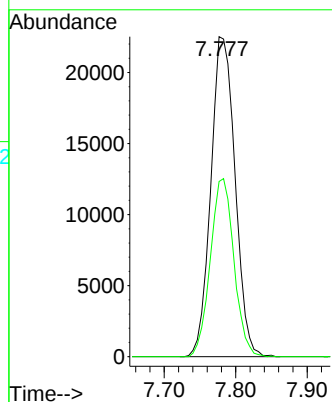
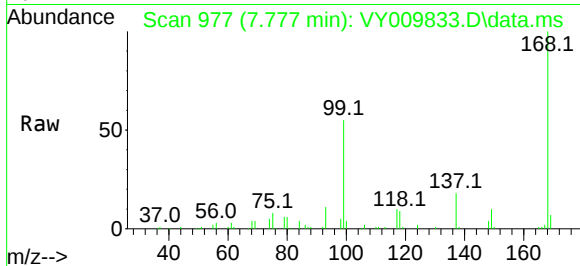




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

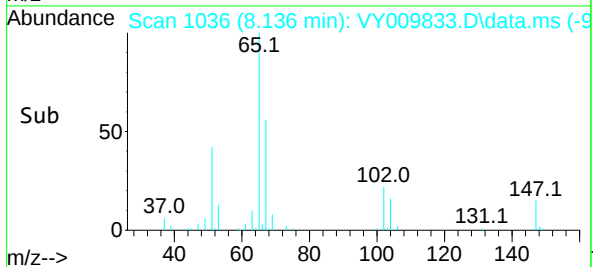
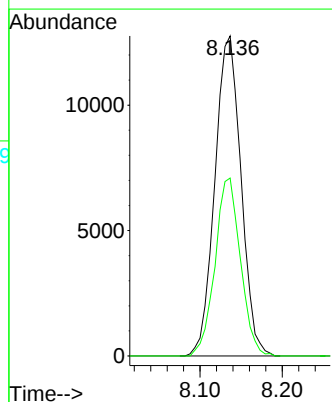
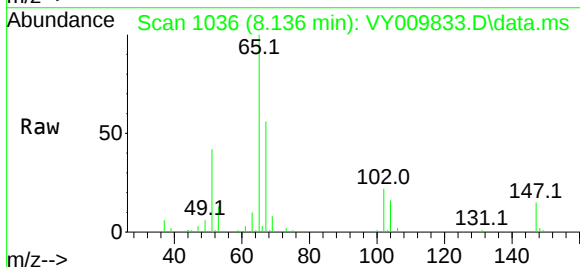
Instrument :
MSVOA_Y
ClientSampleId :
RVE-172

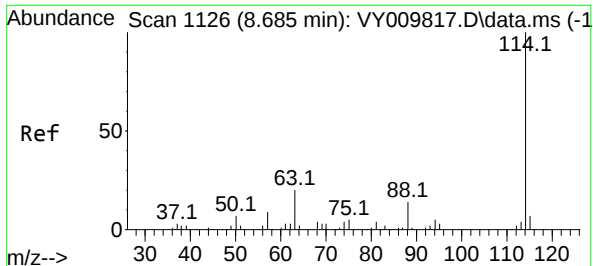
Tgt Ion:168 Resp: 53003
Ion Ratio Lower Upper
168 100
99 54.8 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 66.778 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

Tgt Ion: 65 Resp: 28209
Ion Ratio Lower Upper
65 100
67 54.1 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009833.D

Acq: 04 Aug 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

RVE-172

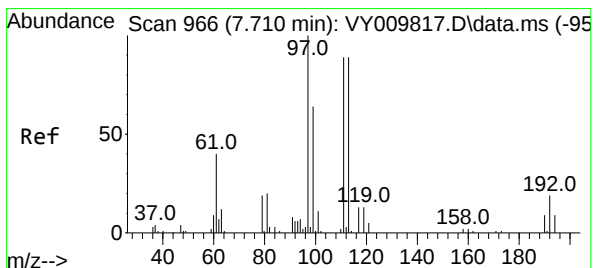
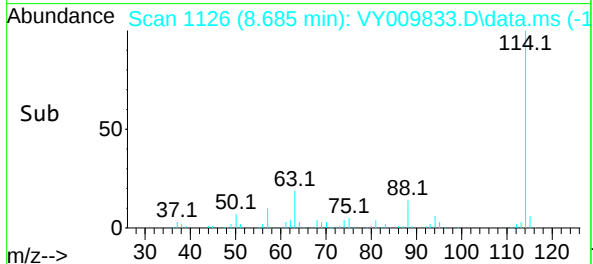
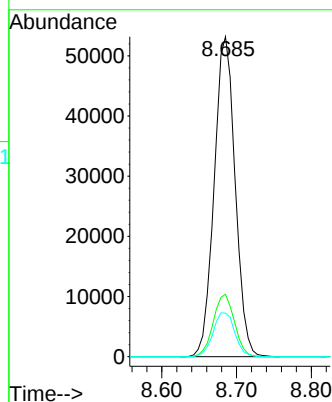
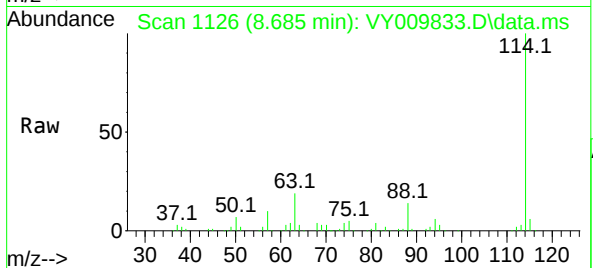
Tgt Ion:114 Resp: 103603

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 13.6 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.821 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009833.D

Acq: 04 Aug 2022 15:34

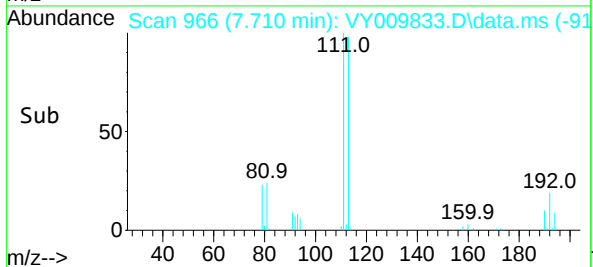
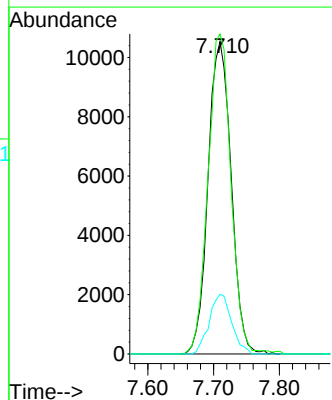
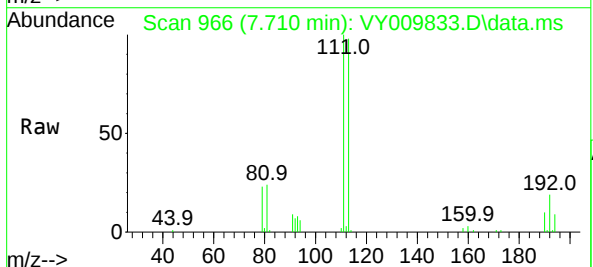
Tgt Ion:113 Resp: 25786

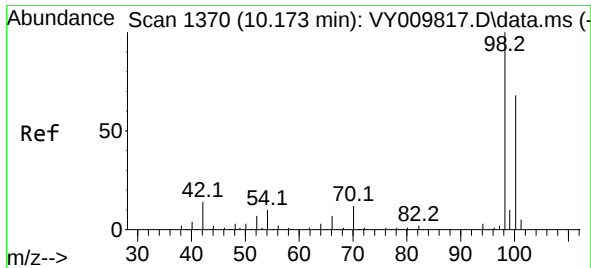
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 18.5 16.5 24.7

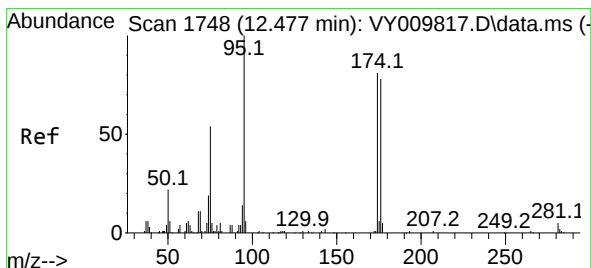
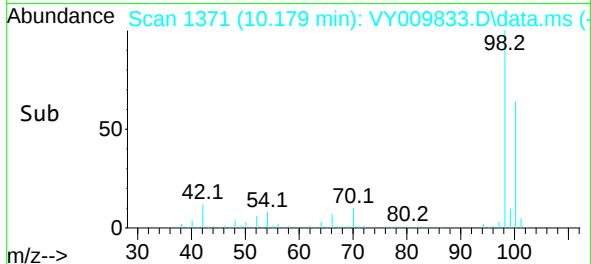
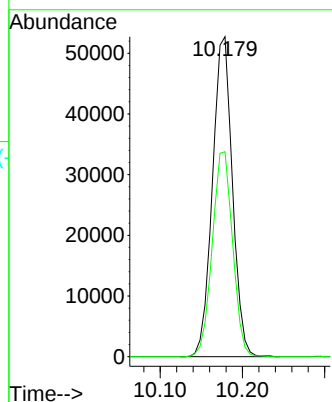
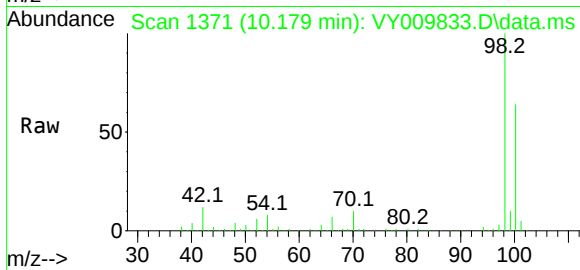




#50
Toluene-d8
Concen: 47.639 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

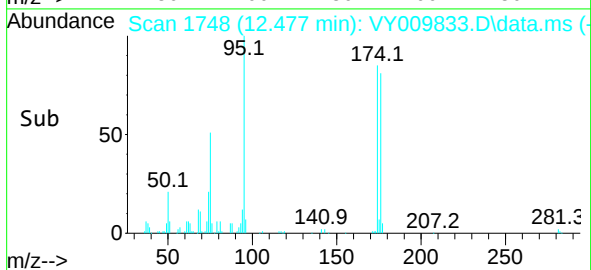
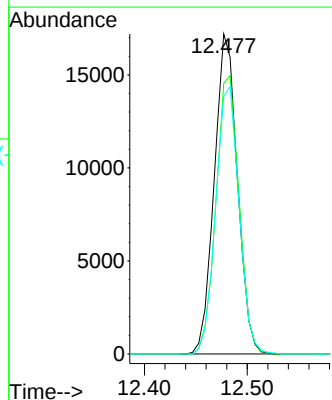
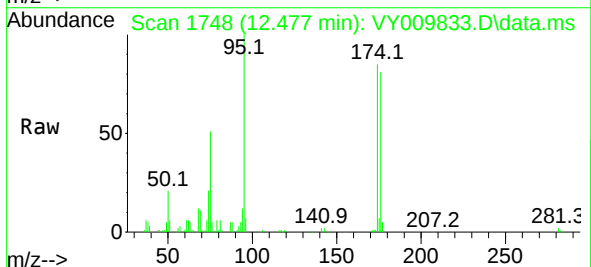
Instrument :
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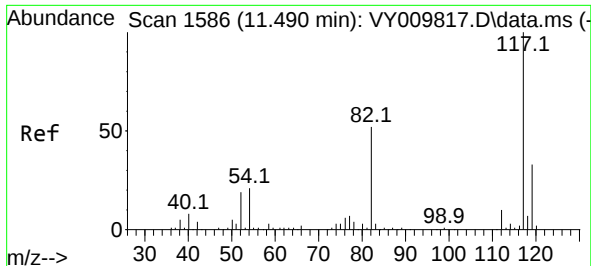
Tgt Ion: 98 Resp: 88951
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 31.297 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

Tgt Ion: 95 Resp: 26771
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.6
176 84.6 0.0 163.6

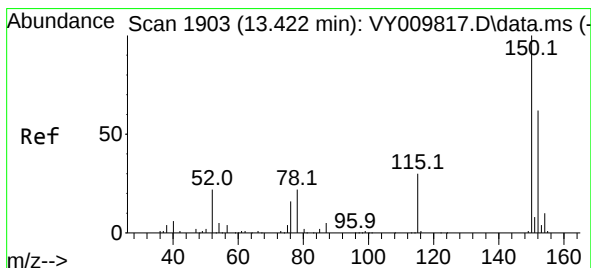
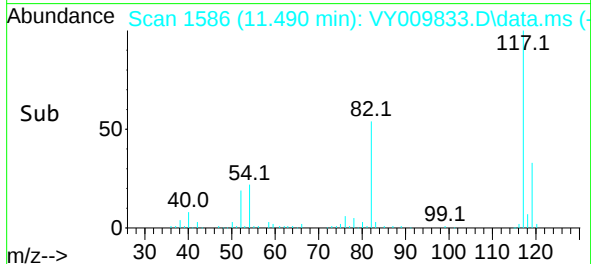
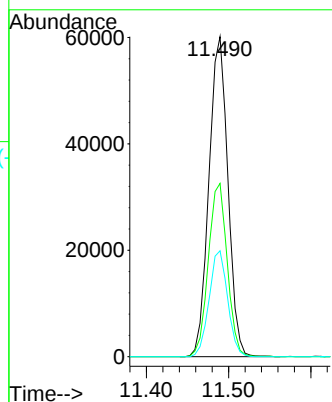
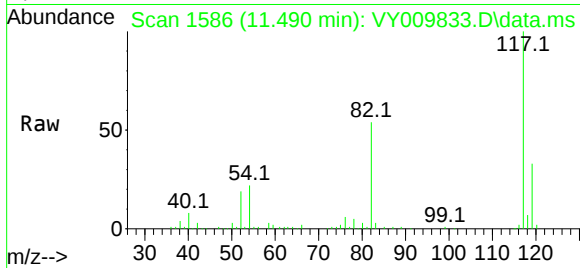




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
RVE-172

Tgt Ion:117 Resp: 96240
Ion Ratio Lower Upper
117 100
82 54.2 41.7 62.5
119 33.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009833.D
Acq: 04 Aug 2022 15:34

Tgt Ion:152 Resp: 41362
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 158.8 0.0 354.2

