

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009863.D
 Acq On : 05 Aug 2022 20:09
 Operator : KP/MD
 Sample : N4064-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: Aug 06 01:22:02 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	7066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3876	69.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.080%
35) Dibromofluoromethane	7.704	113	3226	43.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.820%
50) Toluene-d8	10.173	98	9785	44.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.040%
62) 4-Bromofluorobenzene	12.477	95	2853	28.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	56.700%

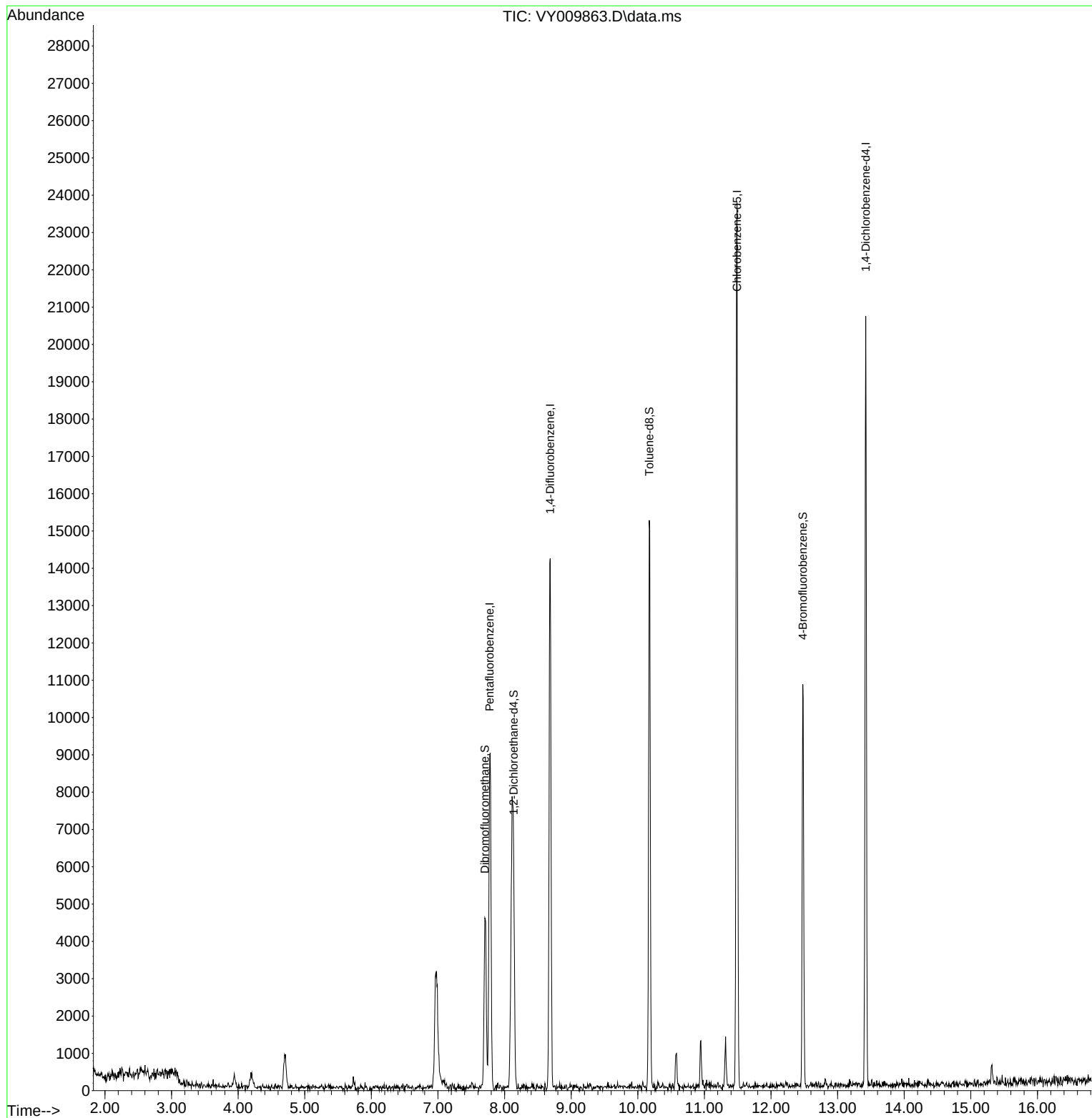
Target Compounds	Qvalue

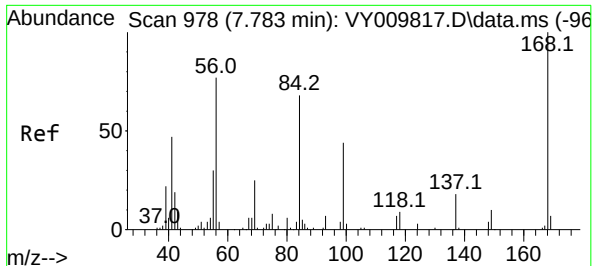
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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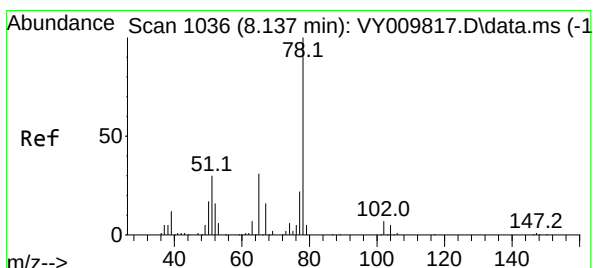
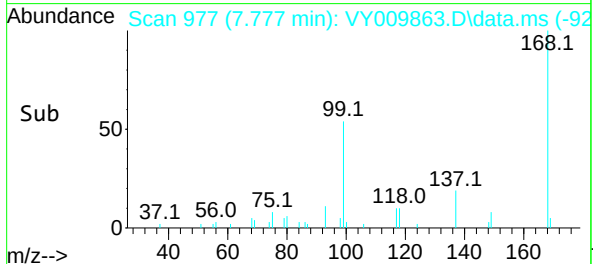
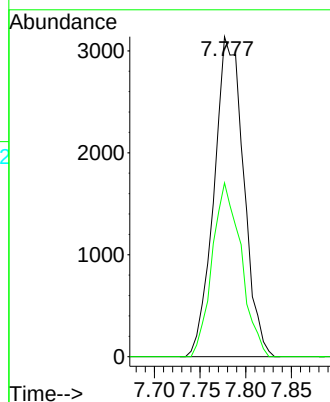
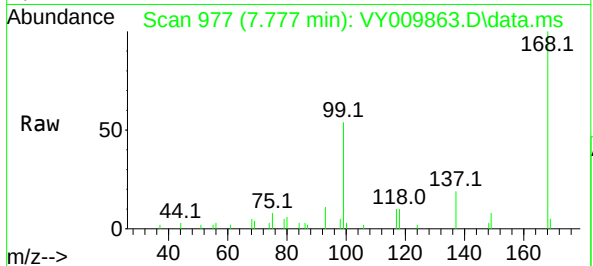




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

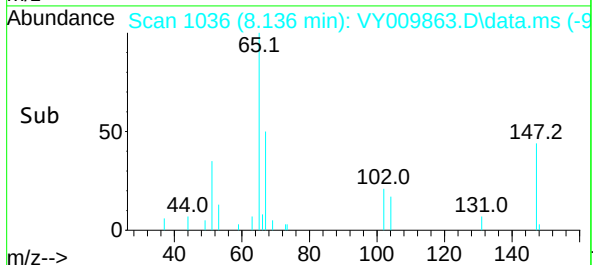
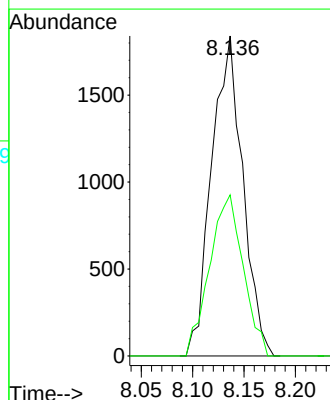
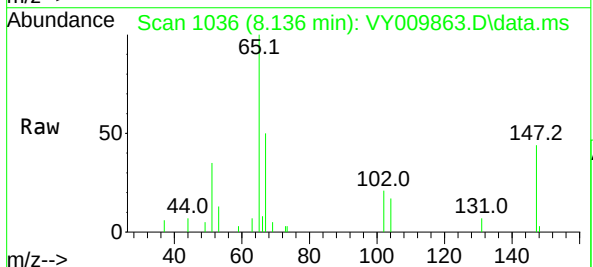
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

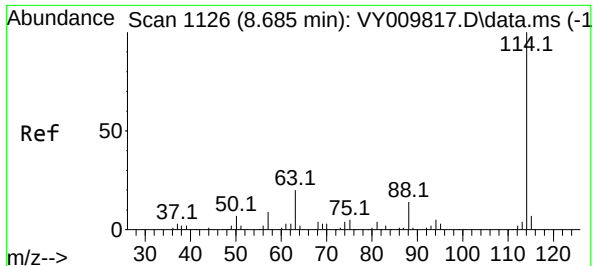
Tgt Ion:168 Resp: 7066
Ion Ratio Lower Upper
168 100
99 54.3 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 69.039 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 65 Resp: 3876
Ion Ratio Lower Upper
65 100
67 54.3 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: VY009863.D

Acq: 05 Aug 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-02

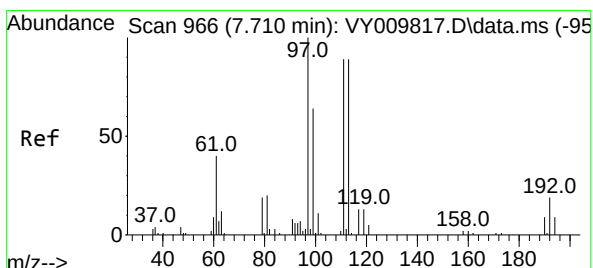
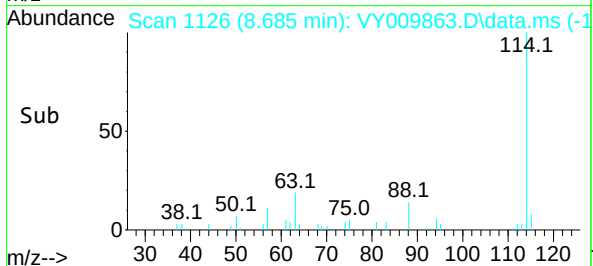
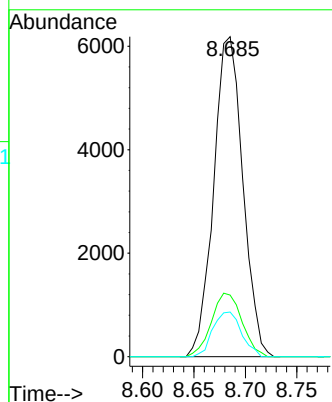
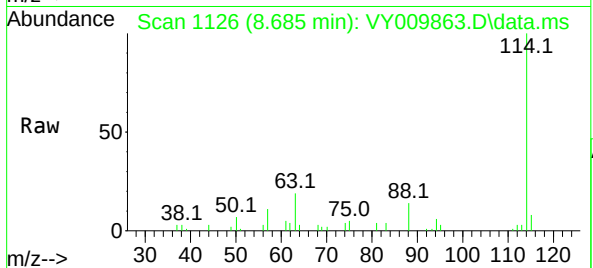
Tgt Ion:114 Resp: 12189

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.0 0.0 27.6



#35

Dibromofluoromethane

Concen: 43.408 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009863.D

Acq: 05 Aug 2022 20:09

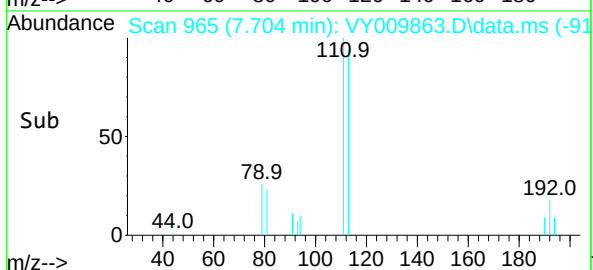
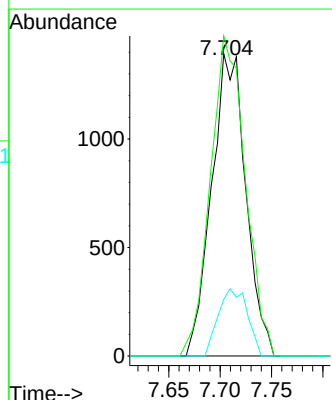
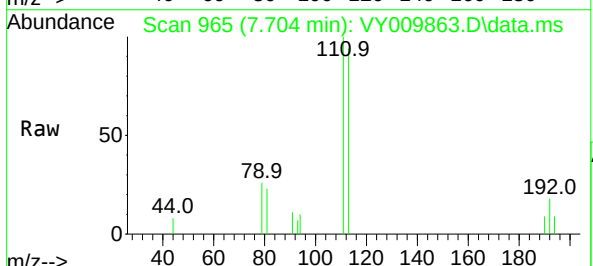
Tgt Ion:113 Resp: 3226

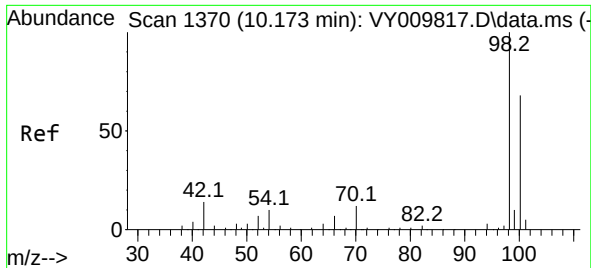
Ion Ratio Lower Upper

113 100

111 108.0 82.4 123.6

192 18.8 16.5 24.7

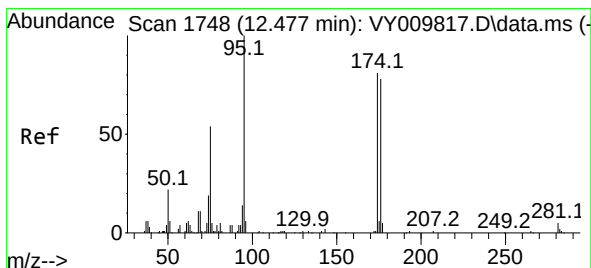
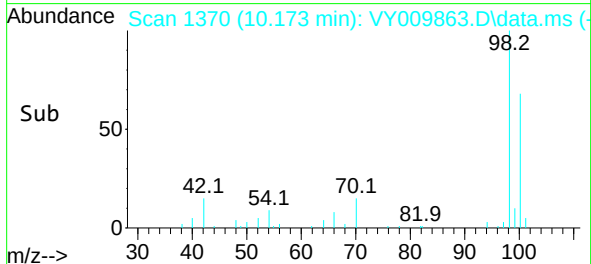
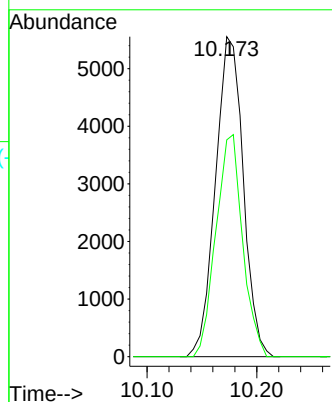
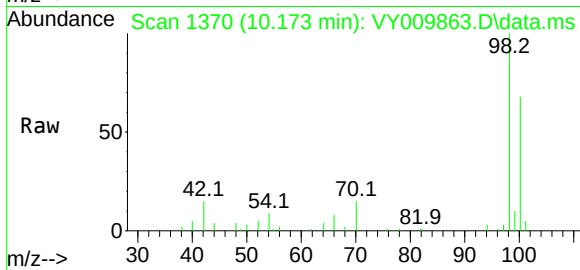




#50
Toluene-d8
Concen: 44.021 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

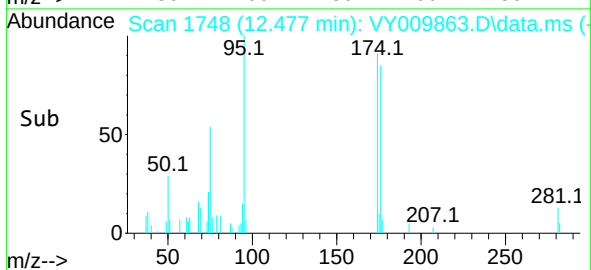
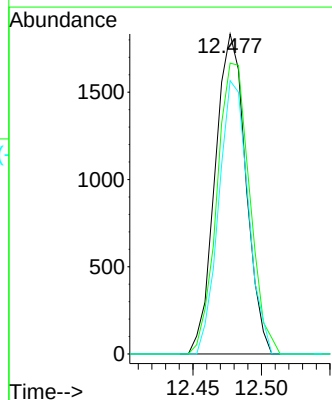
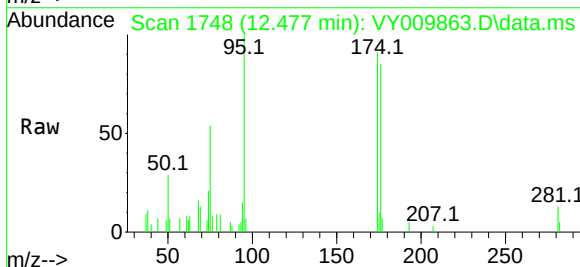
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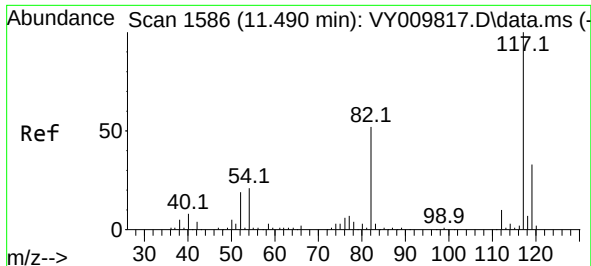
Tgt Ion: 98 Resp: 9785
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 28.350 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 95 Resp: 2853
Ion Ratio Lower Upper
95 100
174 96.6 0.0 168.6
176 81.7 0.0 163.6

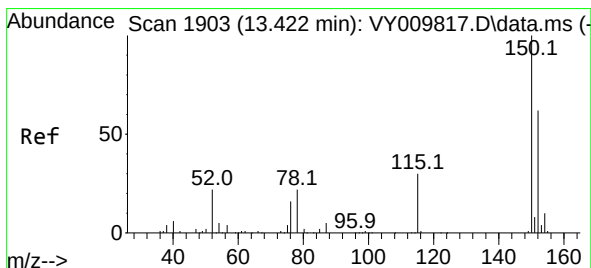
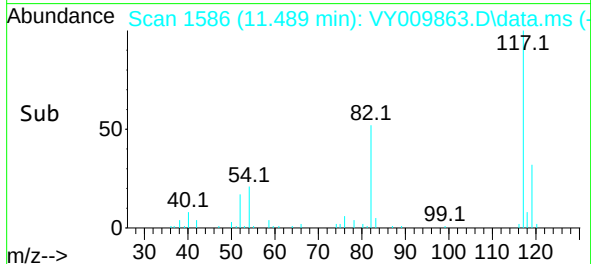
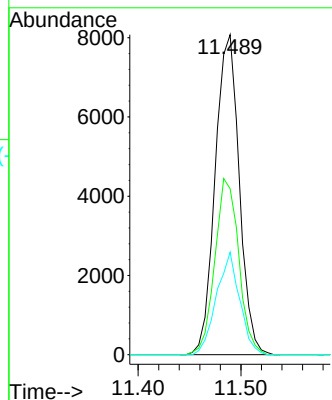
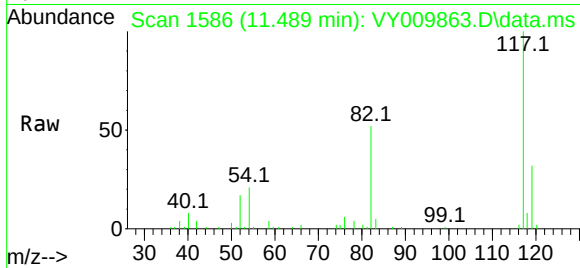




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Tgt Ion:117 Resp: 13139
Ion Ratio Lower Upper
117 100
82 51.8 41.7 62.5
119 32.1 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: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion:152 Resp: 5189
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 161.5 0.0 354.2

