

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009862.D
 Acq On : 05 Aug 2022 19:45
 Operator : KP/MD
 Sample : N4064-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Aug 06 01:21:44 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	7.783	168	42846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21634	63.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.000%
35) Dibromofluoromethane	7.710	113	19320	36.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.940%
50) Toluene-d8	10.173	98	69058	44.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.420%
62) 4-Bromofluorobenzene	12.477	95	23019	32.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.060%

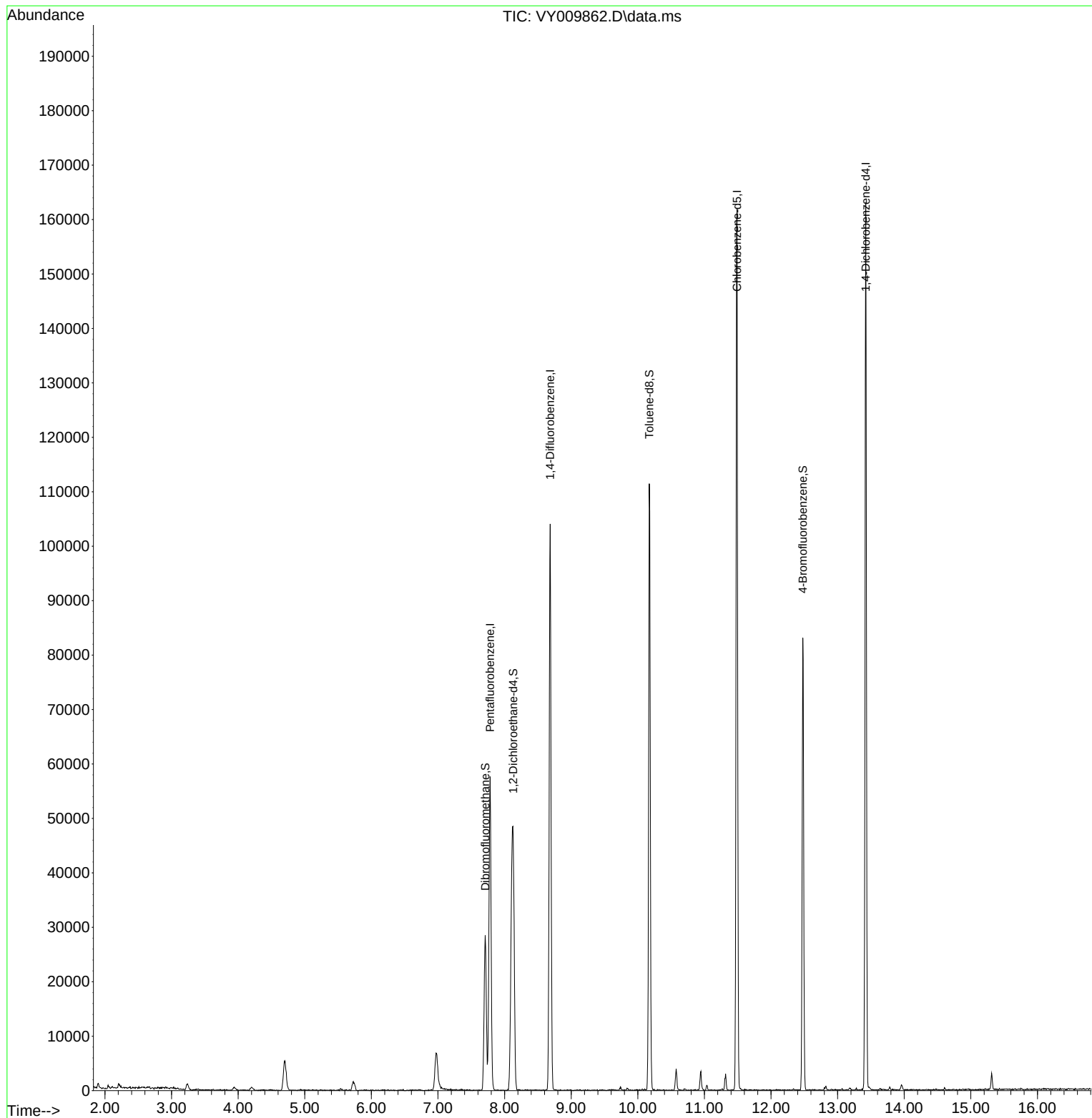
Target Compounds	Qvalue

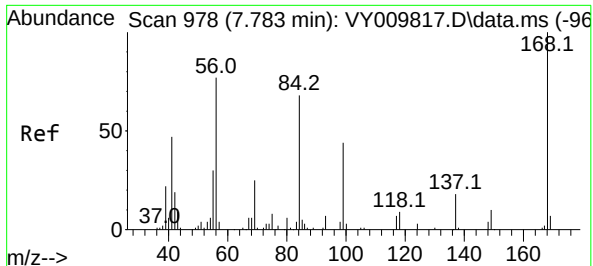
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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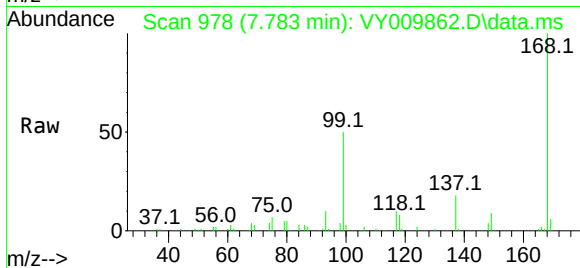
Quant Time: Aug 06 01:21:44 2022
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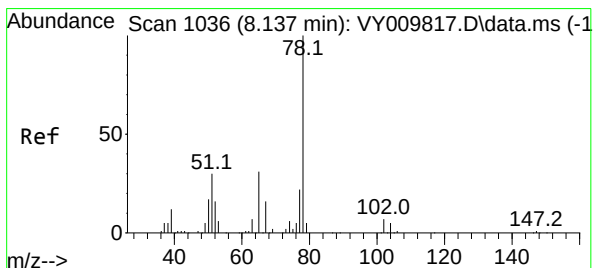
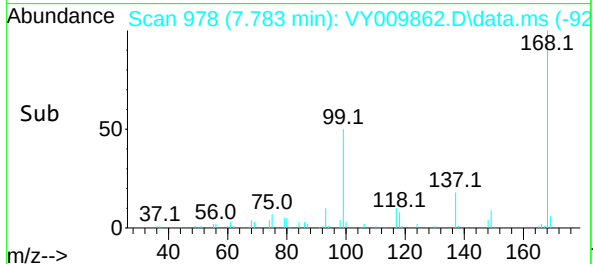
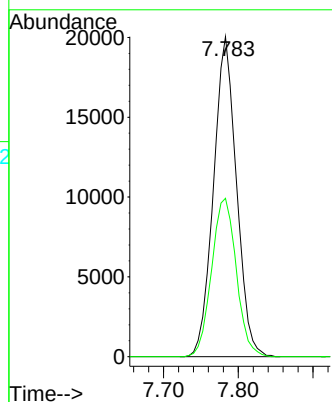


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

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ClientSampleId :
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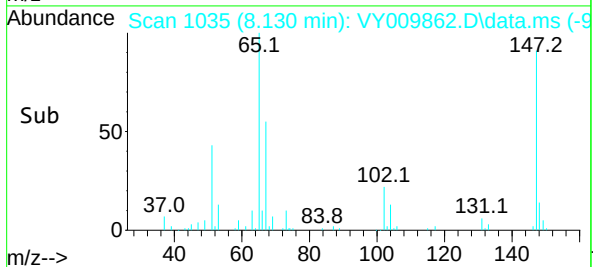
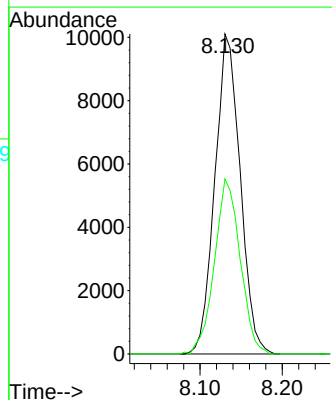
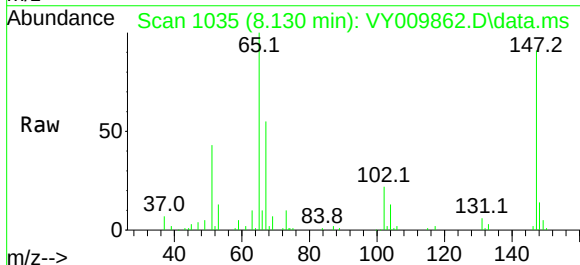


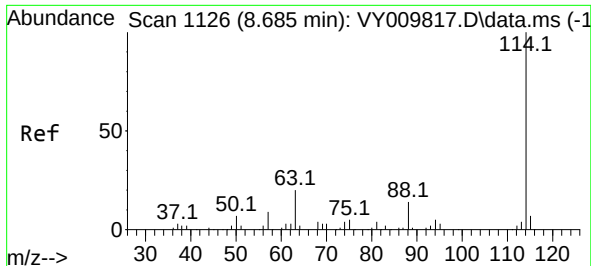
Tgt Ion:168 Resp: 42846
Ion Ratio Lower Upper
168 100
99 49.5 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 63.000 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 65 Resp: 21634
Ion Ratio Lower Upper
65 100
67 55.6 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: VY009862.D

Acq: 05 Aug 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

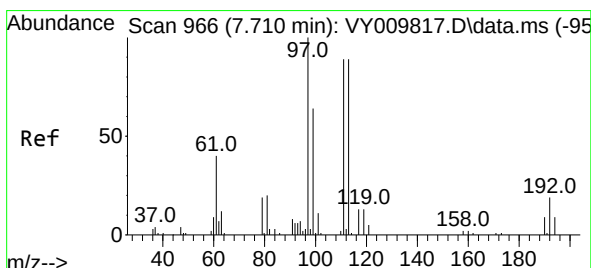
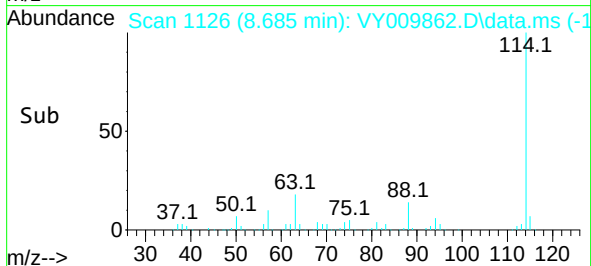
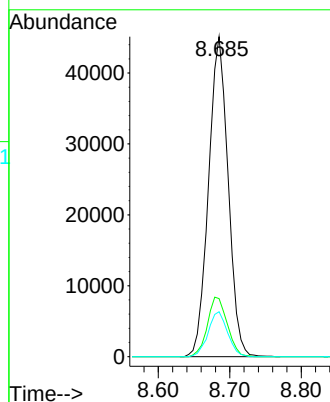
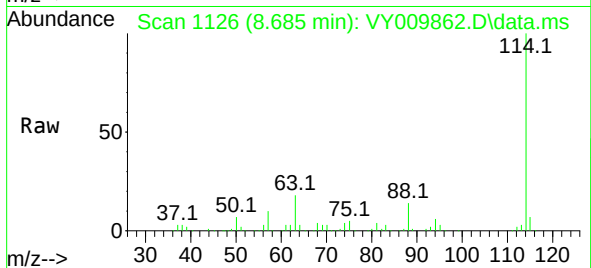
Tgt Ion:114 Resp: 85709

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

88 14.1 0.0 27.6



#35

Dibromofluoromethane

Concen: 36.971 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009862.D

Acq: 05 Aug 2022 19:45

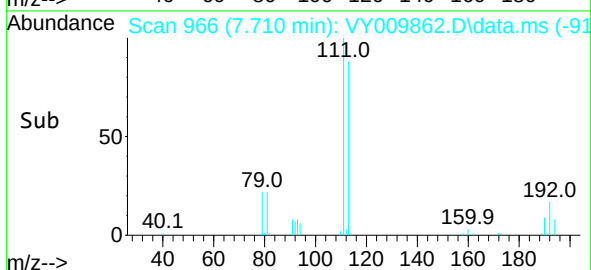
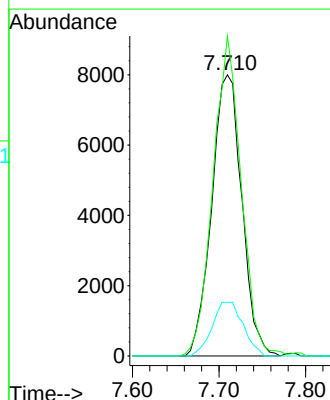
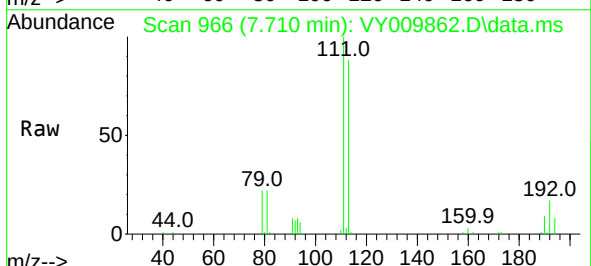
Tgt Ion:113 Resp: 19320

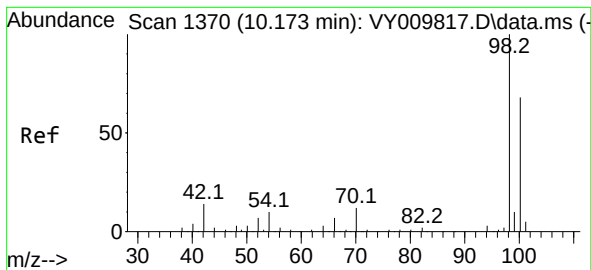
Ion Ratio Lower Upper

113 100

111 106.5 82.4 123.6

192 19.7 16.5 24.7

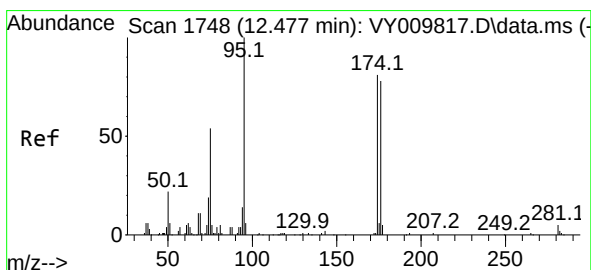
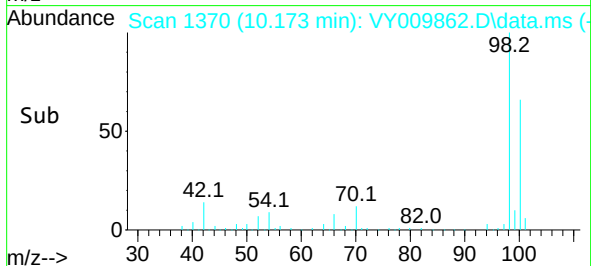
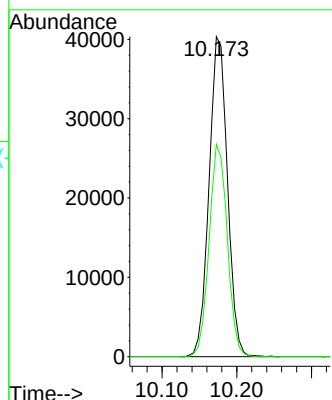
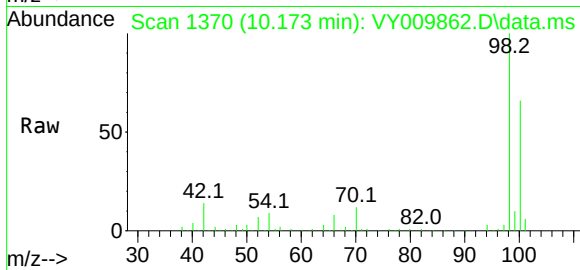




#50
Toluene-d8
Concen: 44.213 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

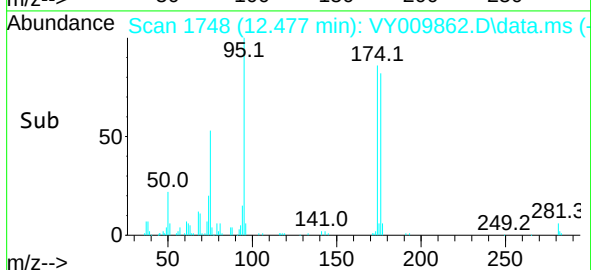
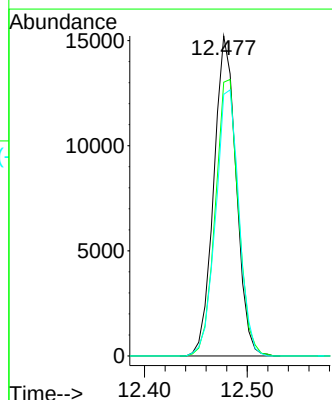
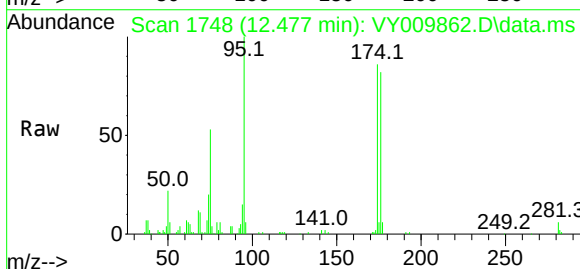
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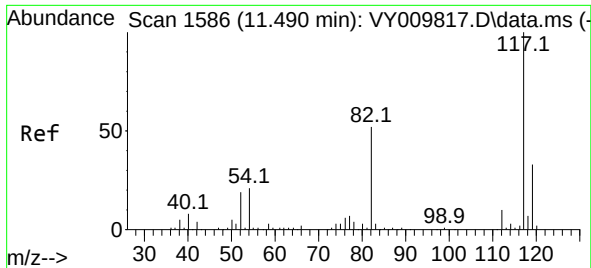
Tgt Ion: 98 Resp: 69058
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 32.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 95 Resp: 23019
Ion Ratio Lower Upper
95 100
174 88.5 0.0 168.6
176 86.2 0.0 163.6

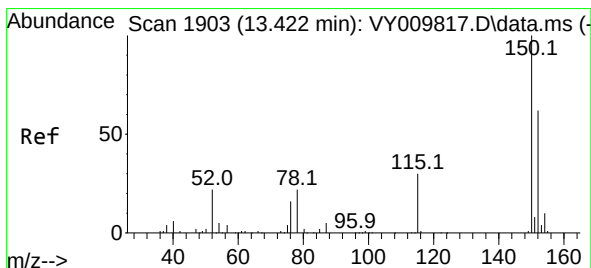
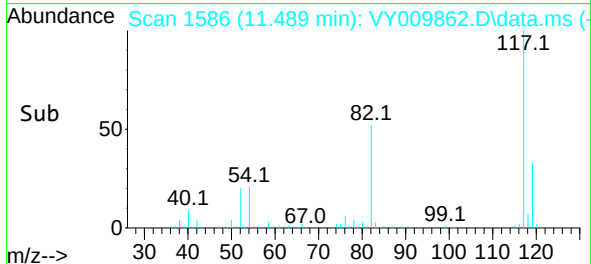
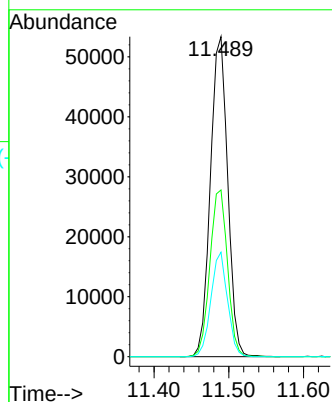
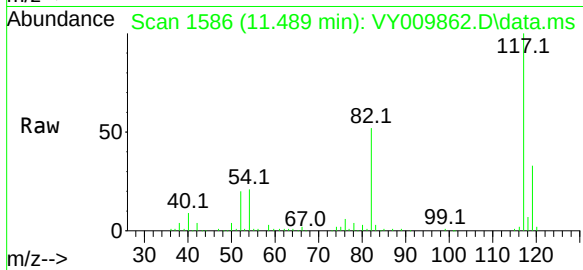




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

Tgt Ion:117 Resp: 85748
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.7 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: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion:152 Resp: 37914
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 160.1 0.0 354.2

