

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009867.D
 Acq On : 05 Aug 2022 21:43
 Operator : KP/MD
 Sample : N4064-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14

Quant Time: Aug 06 01:23:18 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	7.789	168	2506	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	3952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1528	77.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.020%
35) Dibromofluoromethane	7.704	113	522	21.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.320%#
50) Toluene-d8	10.179	98	3756	53.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.477	95	914	28.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	56.020%

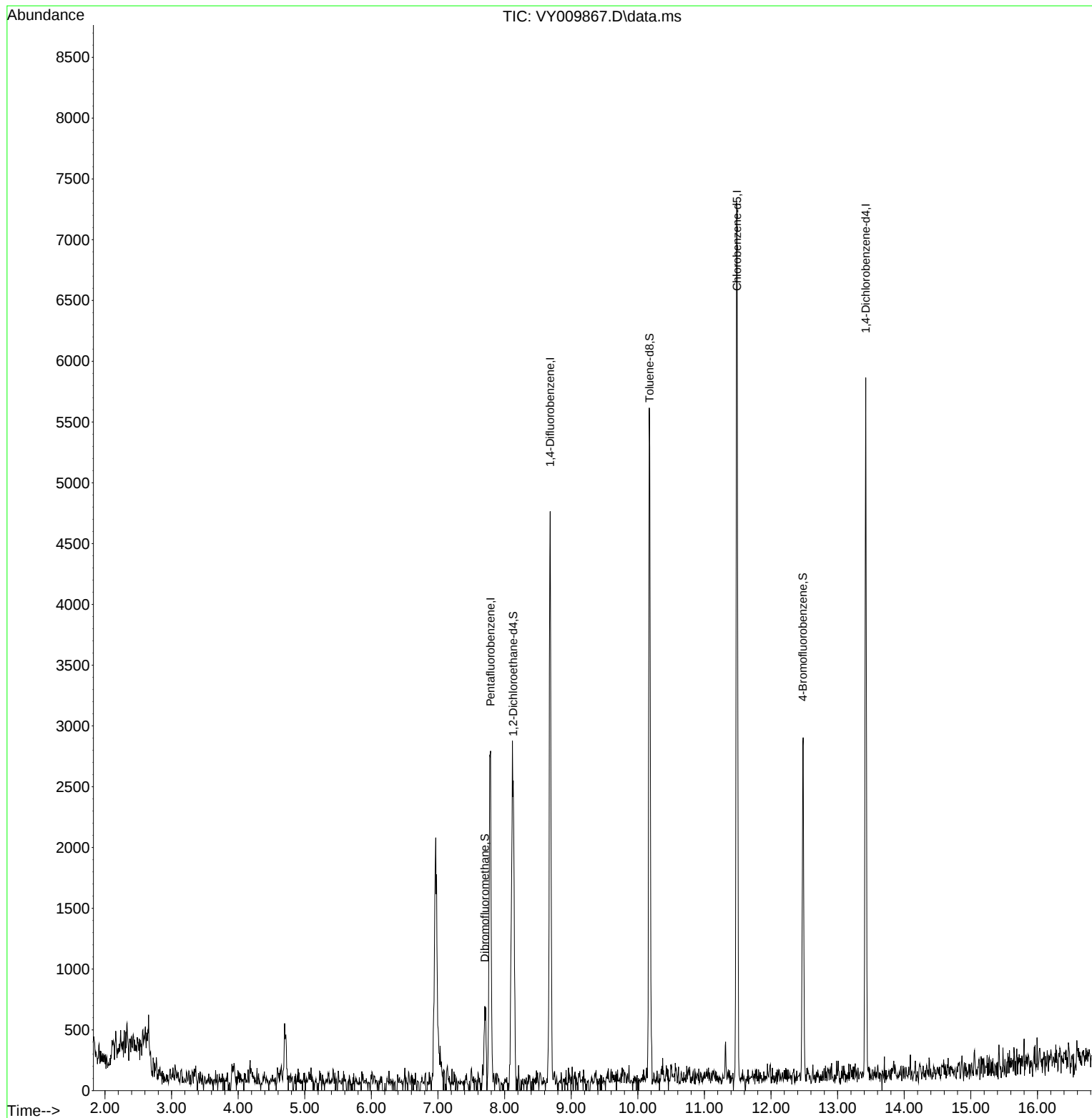
Target Compounds	Qvalue

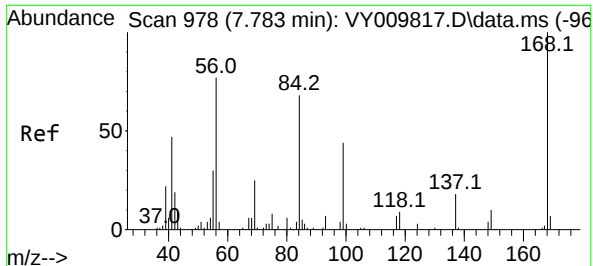
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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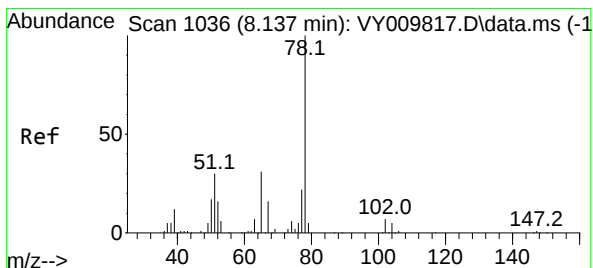
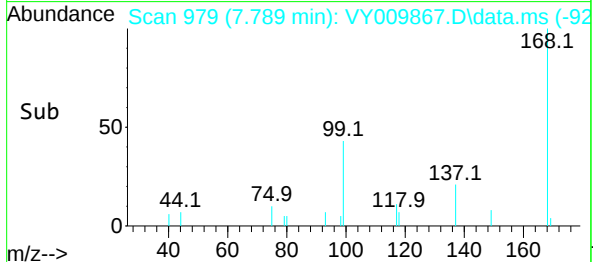
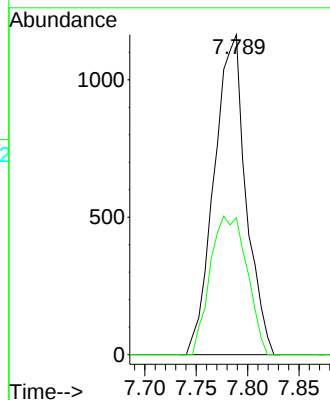
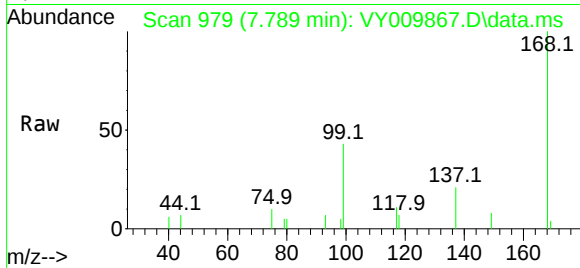




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009867.D
Acq: 05 Aug 2022 21:43

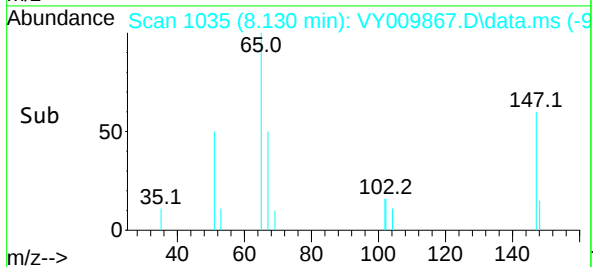
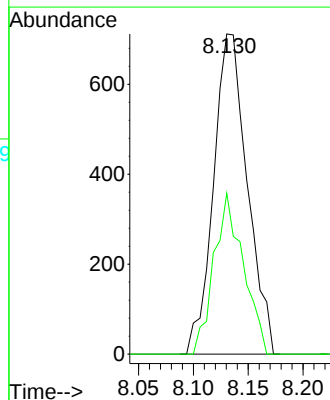
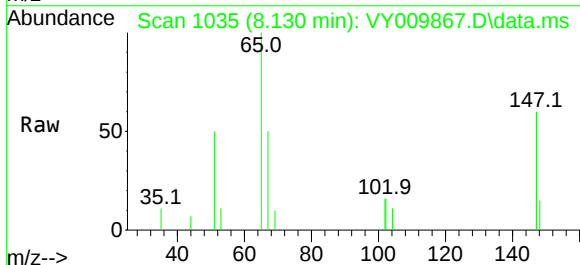
Instrument :
MSVOA_Y
ClientSampleId :
SB-14

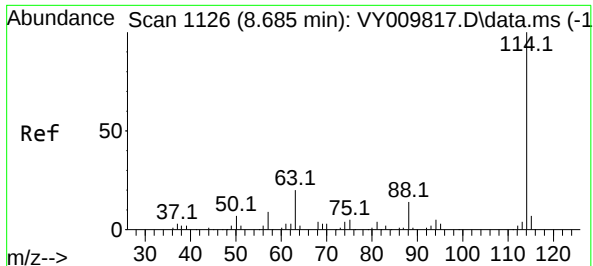
Tgt Ion:168 Resp: 2506
Ion Ratio Lower Upper
168 100
99 42.8 44.7 67.1#



#33
1,2-Dichloroethane-d4
Concen: 77.512 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009867.D
Acq: 05 Aug 2022 21:43

Tgt Ion: 65 Resp: 1528
Ion Ratio Lower Upper
65 100
67 43.6 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: VY009867.D

Acq: 05 Aug 2022 21:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-14

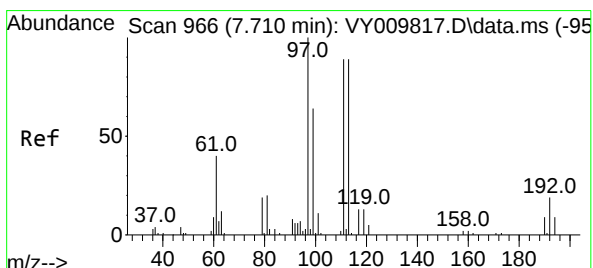
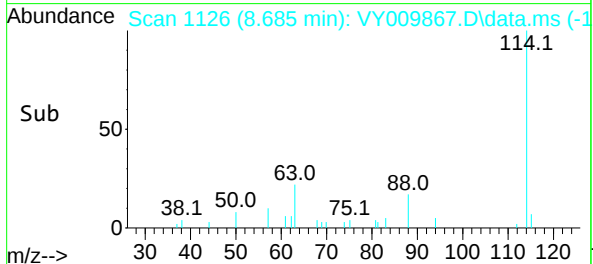
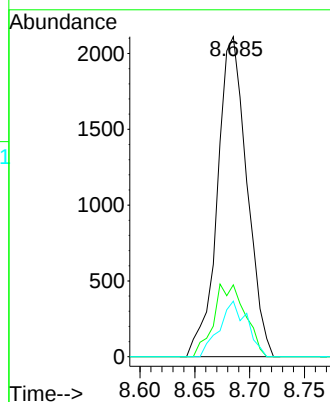
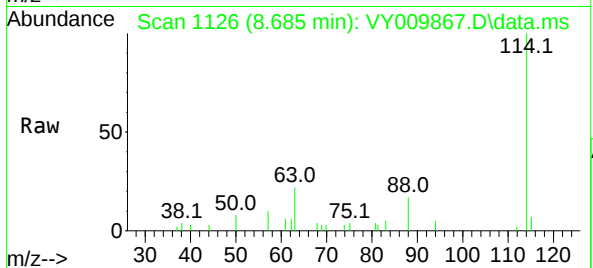
Tgt Ion:114 Resp: 3952

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.2

88 17.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 21.664 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009867.D

Acq: 05 Aug 2022 21:43

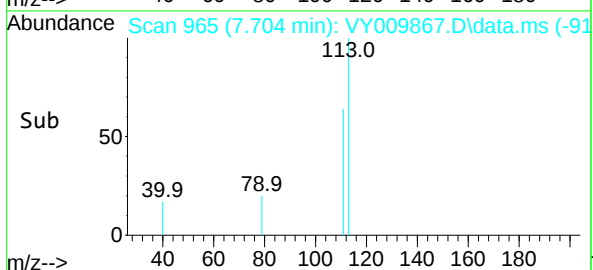
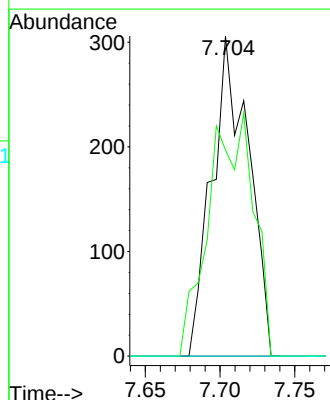
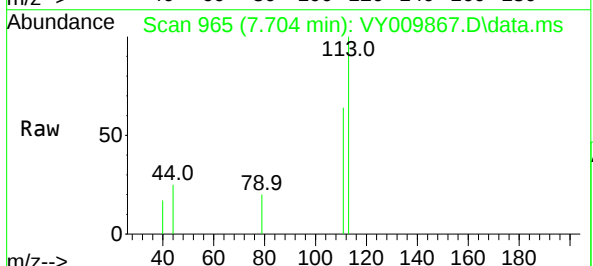
Tgt Ion:113 Resp: 522

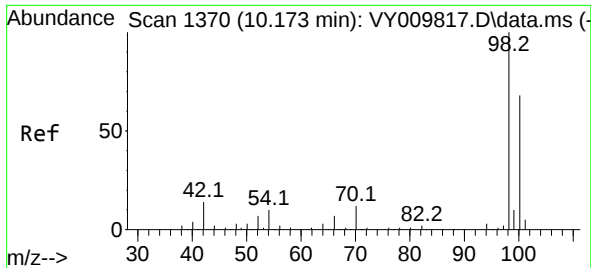
Ion Ratio Lower Upper

113 100

111 92.9 82.4 123.6

192 0.0 16.5 24.7#

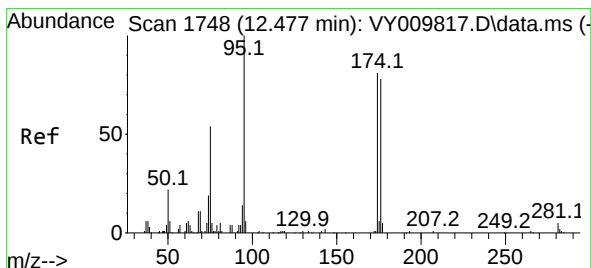
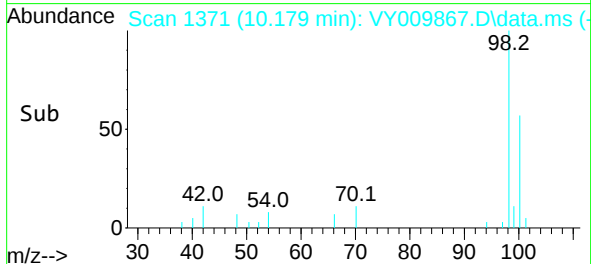
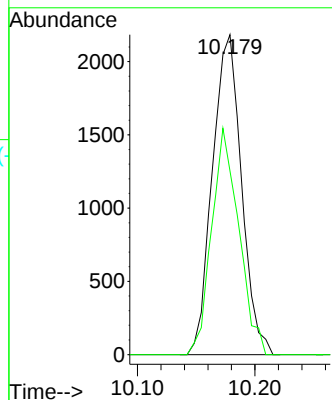
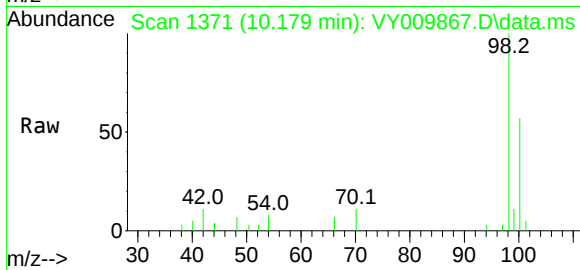




#50
Toluene-d8
Concen: 53.592 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009867.D
Acq: 05 Aug 2022 21:43

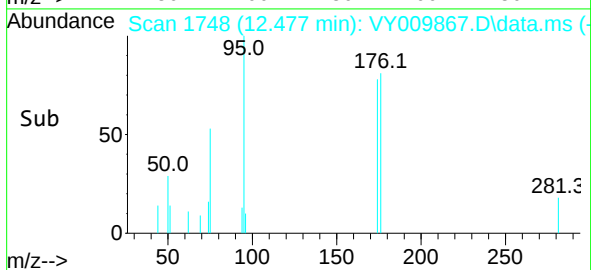
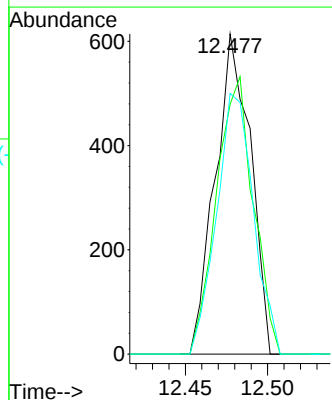
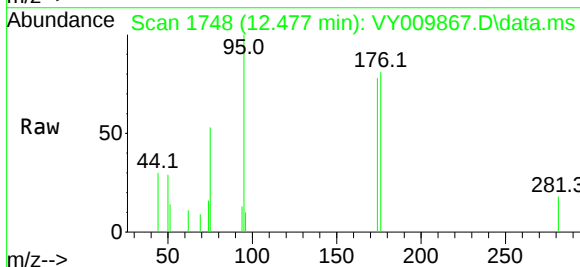
Instrument :
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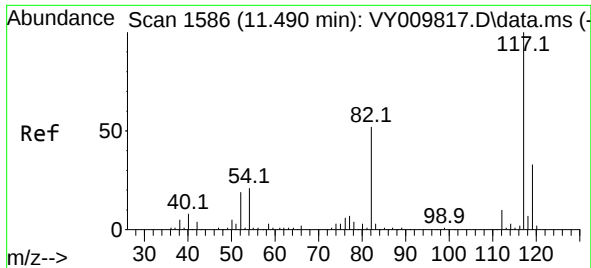
Tgt Ion: 98 Resp: 3756
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 28.012 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009867.D
Acq: 05 Aug 2022 21:43

Tgt Ion: 95 Resp: 914
Ion Ratio Lower Upper
95 100
174 90.7 0.0 168.6
176 85.4 0.0 163.6

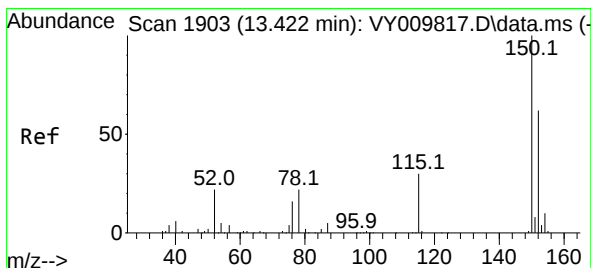
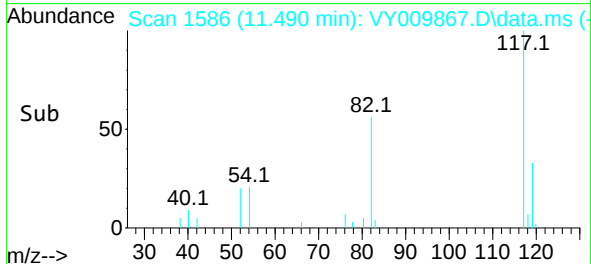
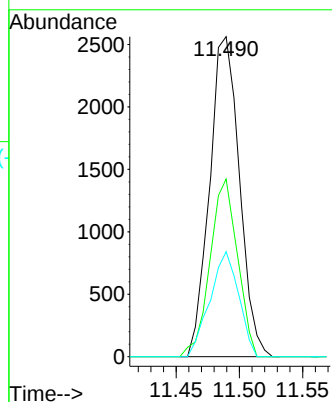
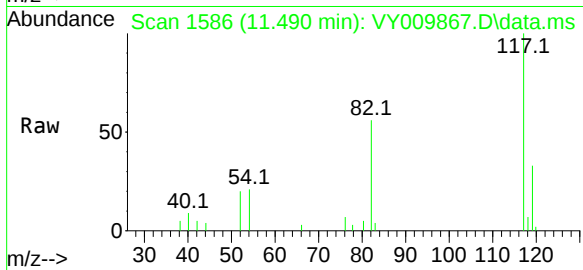




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009867.D
Acq: 05 Aug 2022 21:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-14

Tgt Ion:117	Resp:	4203
Ion	Ratio	Lower Upper
117	100	
82	55.5	41.7 62.5
119	32.8	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: VY009867.D
Acq: 05 Aug 2022 21:43

Tgt Ion:152	Resp:	1501
Ion	Ratio	Lower Upper
152	100	
115	51.5	28.9 86.7
150	157.4	0.0 354.2

