

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009828.D
 Acq On : 04 Aug 2022 13:36
 Operator : KP/MD
 Sample : N3991-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-080122

Quant Time: Aug 05 01:43:05 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	262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	512	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	67	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	156	75.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.060%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.173	98	546	45.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	91.700%
62) 4-Bromofluorobenzene	12.477	95	104	19.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	38.340%#

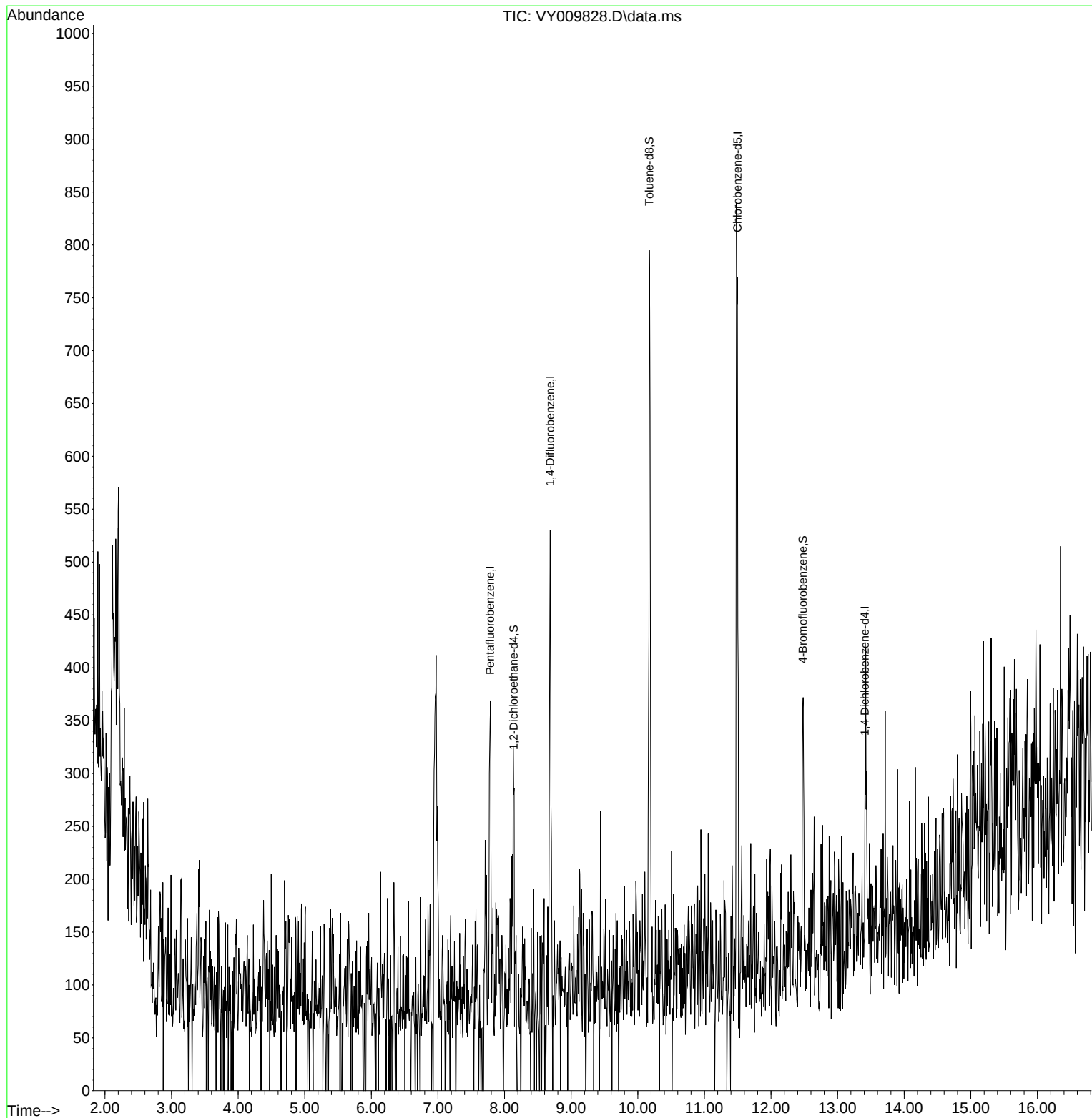
Target Compounds	Qvalue

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

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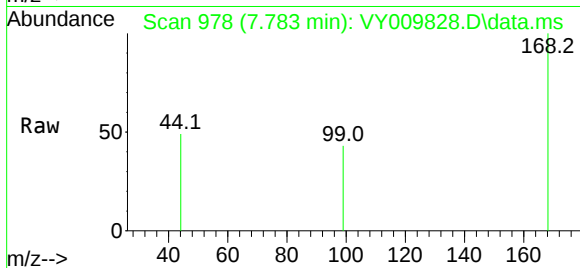
Quant Time: Aug 05 01:43:05 2022
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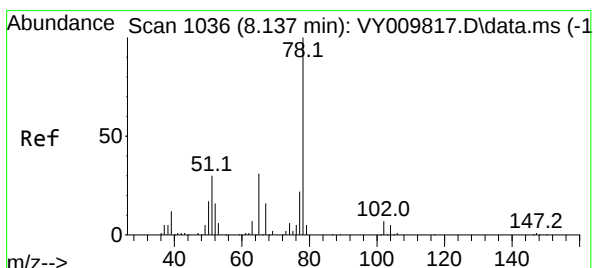
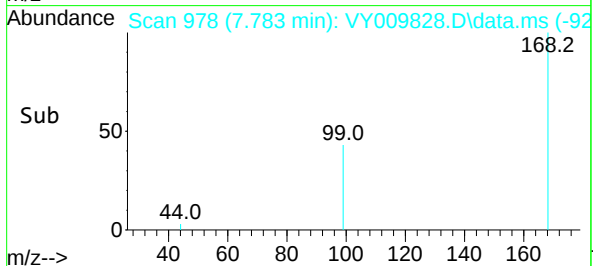
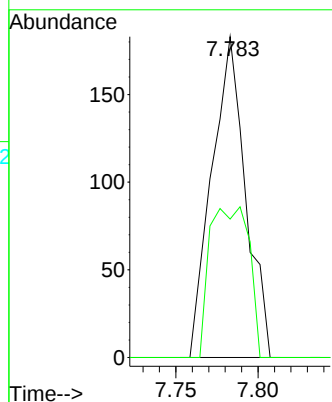


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-080122

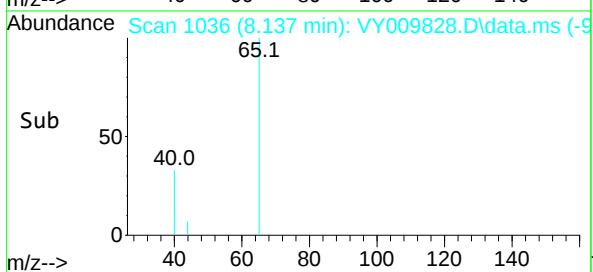
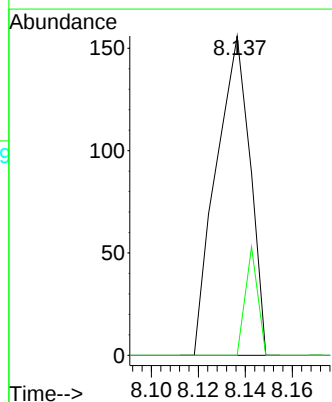
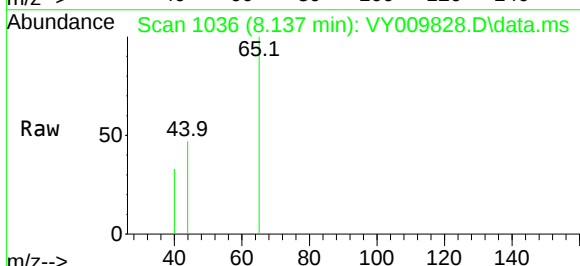


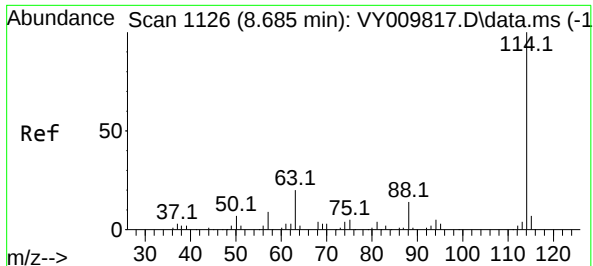
Tgt Ion:168 Resp: 262
Ion Ratio Lower Upper
168 100
99 43.2 44.7 67.1#



#33
1,2-Dichloroethane-d4
Concen: 75.530 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

Tgt Ion: 65 Resp: 156
Ion Ratio Lower Upper
65 100
67 12.2 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009828.D

Acq: 04 Aug 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-080122

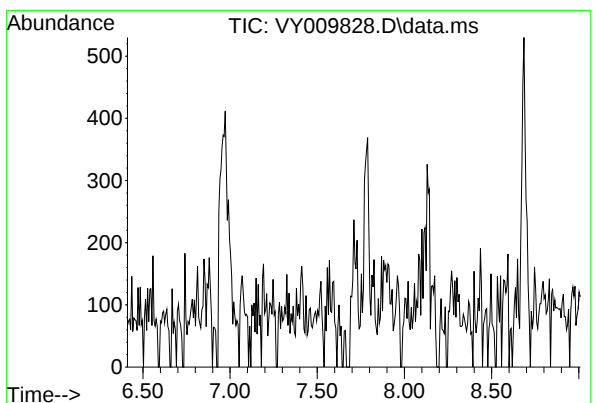
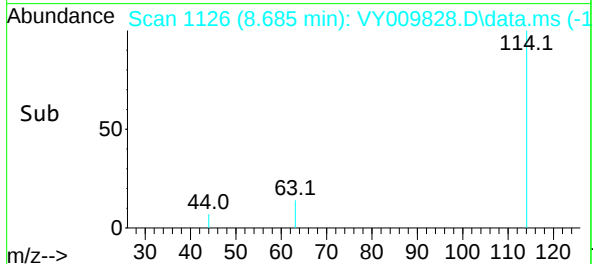
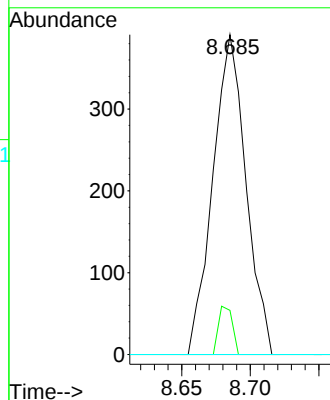
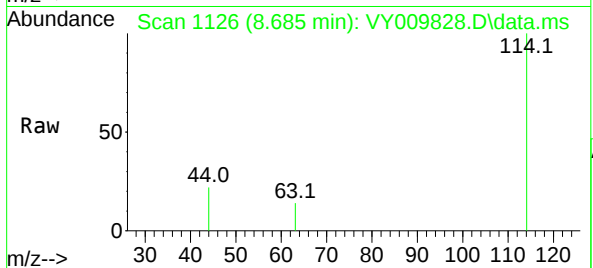
Tgt Ion:114 Resp: 657

Ion Ratio Lower Upper

114 100

63 13.8 0.0 39.2

88 0.0 0.0 27.6



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY009828.D

Acq: 04 Aug 2022 13:36

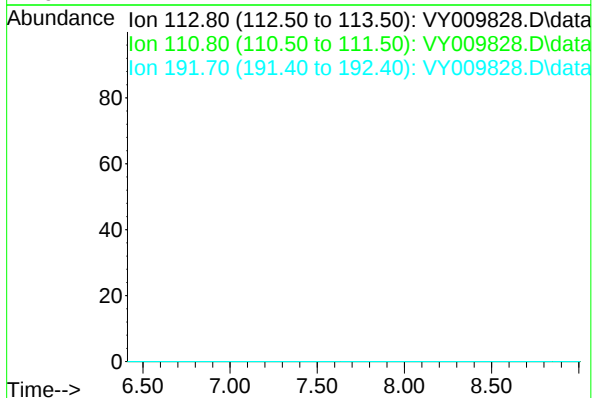
Tgt Ion: 113

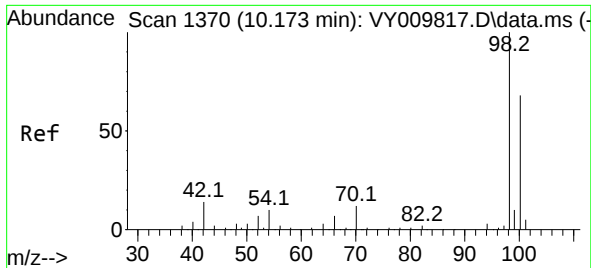
Sig Exp Ratio

113 100

111 103.0

192 20.6

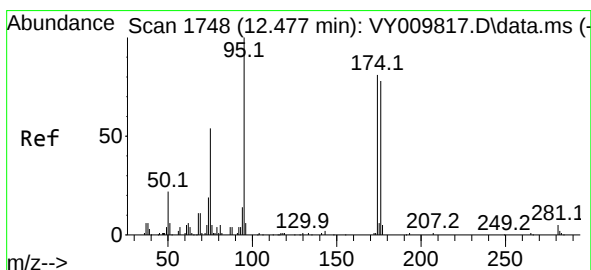
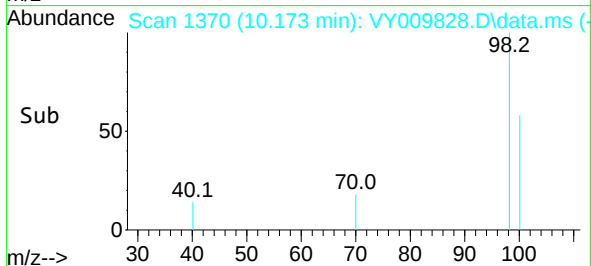
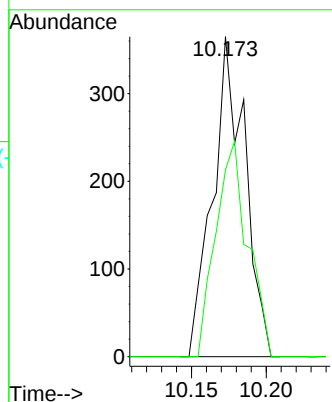
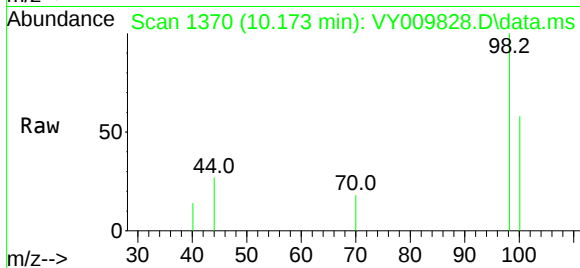




#50
Toluene-d8
Concen: 45.854 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

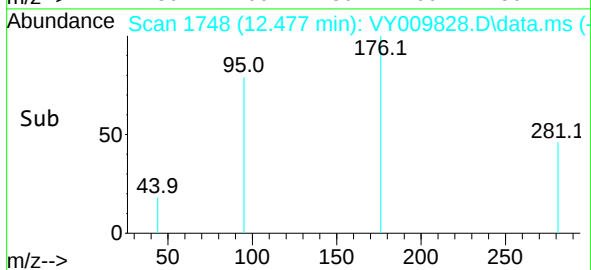
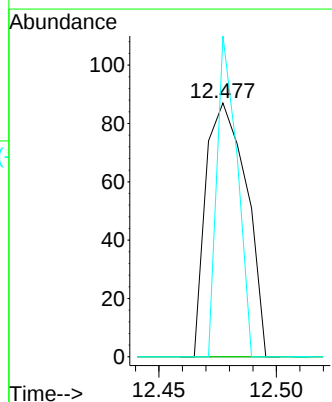
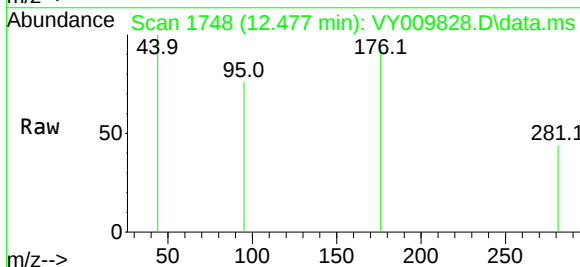
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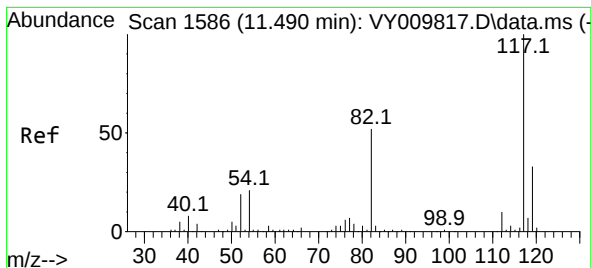
Tgt Ion: 98 Resp: 546
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 19.173 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

Tgt Ion: 95 Resp: 104
Ion Ratio Lower Upper
95 100
174 0.0 0.0 168.6
176 62.5 0.0 163.6

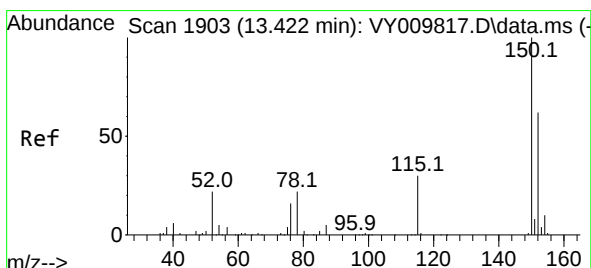
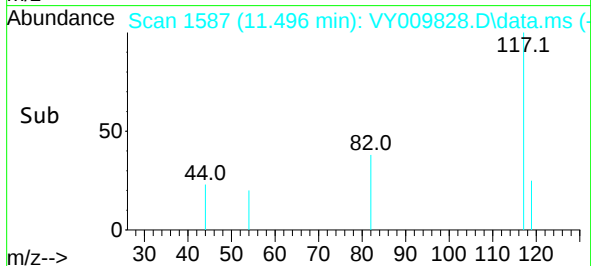
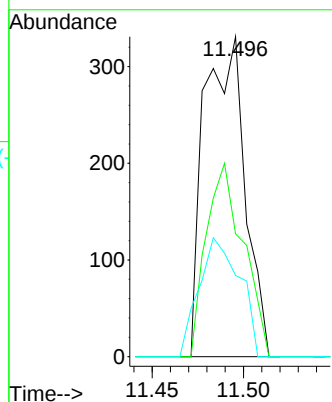
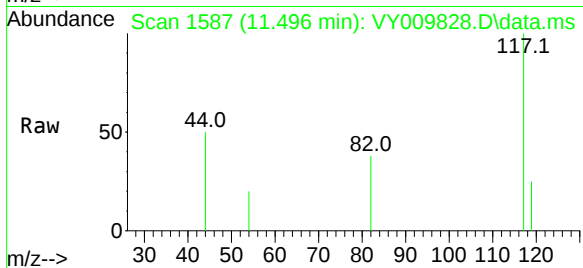




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-080122

Tgt Ion:117 Resp: 512
Ion Ratio Lower Upper
117 100
82 38.4 41.7 62.5#
119 25.4 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1901
Delta R.T. -0.012 min
Lab File: VY009828.D
Acq: 04 Aug 2022 13:36

Tgt Ion:152 Resp: 67
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 376.1 0.0 354.2#

