

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011605.D
 Acq On : 28 Nov 2022 17:30
 Operator : KP/MD
 Sample : N5787-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-24-STOCK

Quant Time: Nov 29 00:26:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	488	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	372	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	333	67.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.400%	
35) Dibromofluoromethane	7.728	113	194	44.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.280%	
50) Toluene-d8	10.179	98	616	38.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.140%	
62) 4-Bromofluorobenzene	12.489	95	49	8.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 16.600%#	

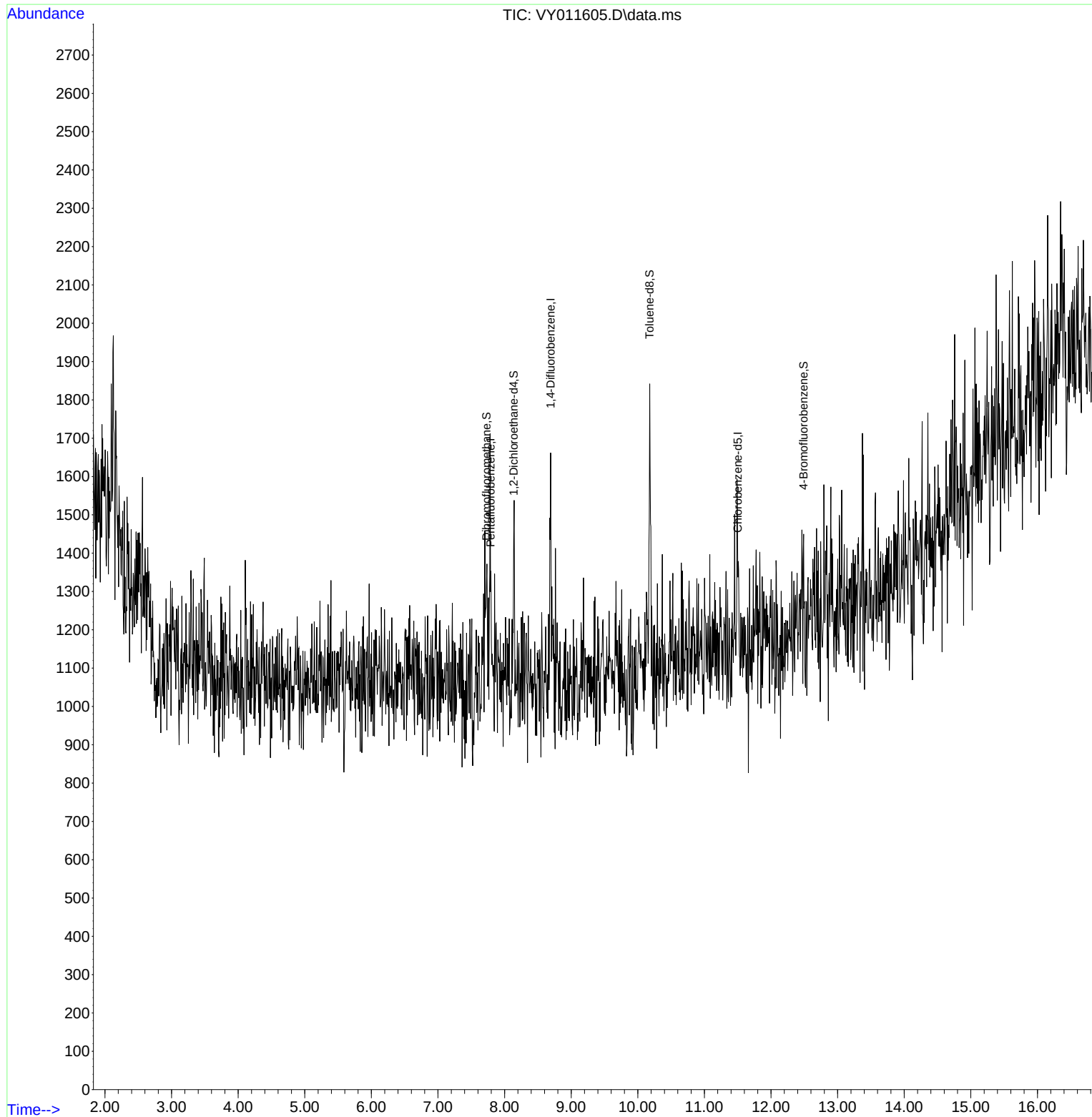
Target Compounds	Qvalue

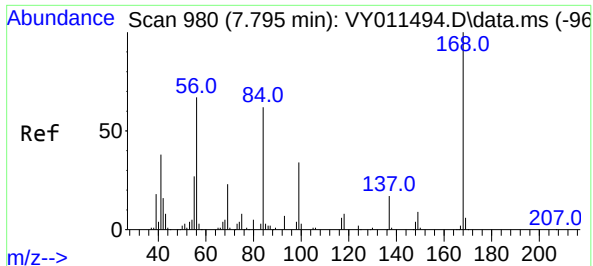
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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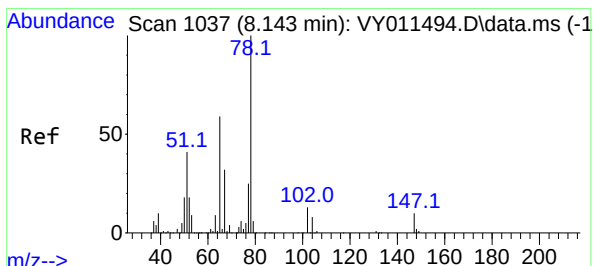
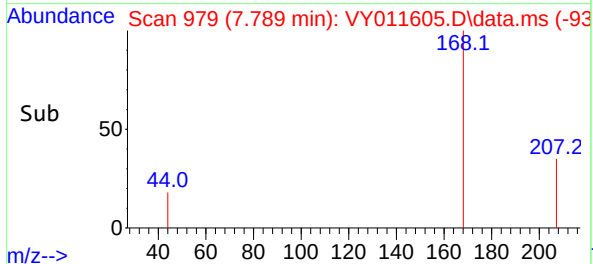
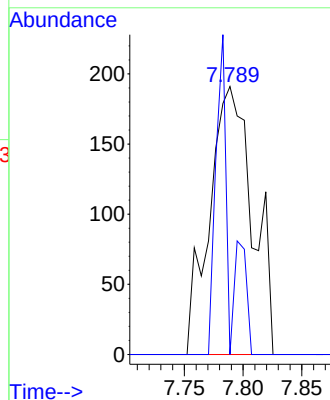
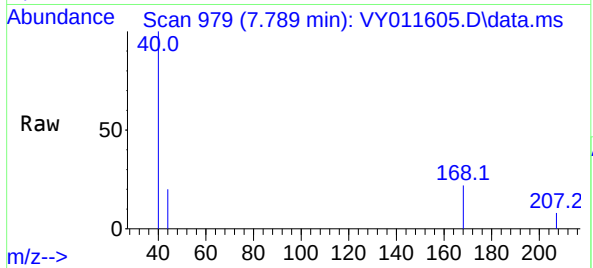




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

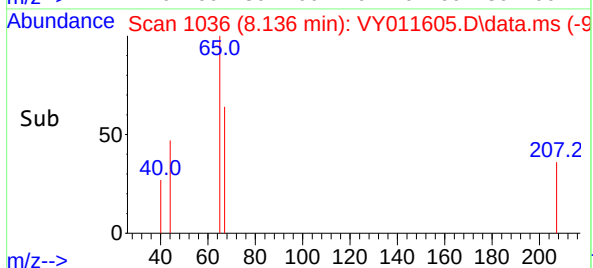
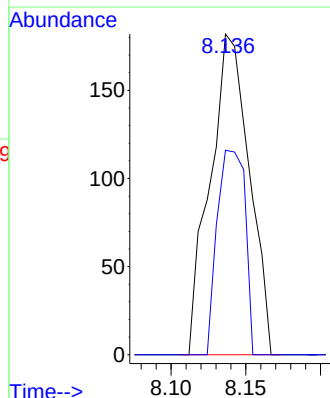
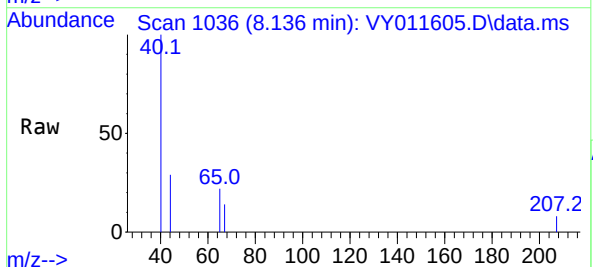
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-STOCK

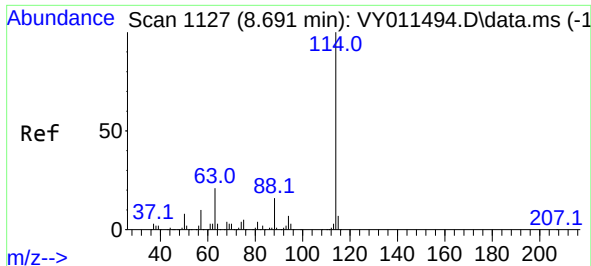
Tgt Ion:168 Resp: 488
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 67.203 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

Tgt Ion: 65 Resp: 333
Ion Ratio Lower Upper
65 100
67 45.0 0.0 99.4

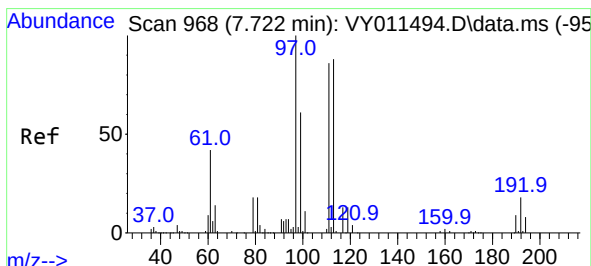
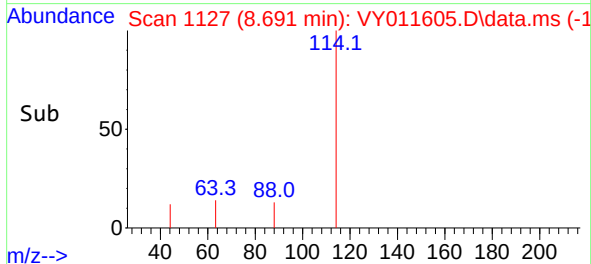
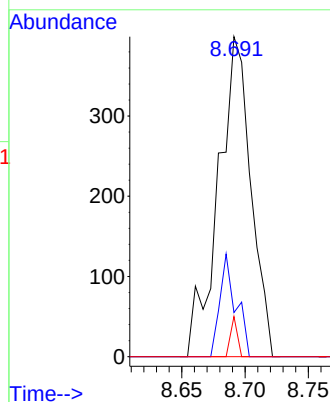
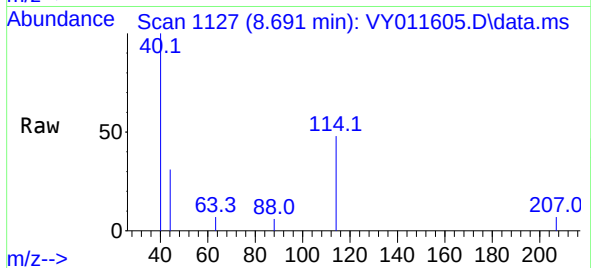




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

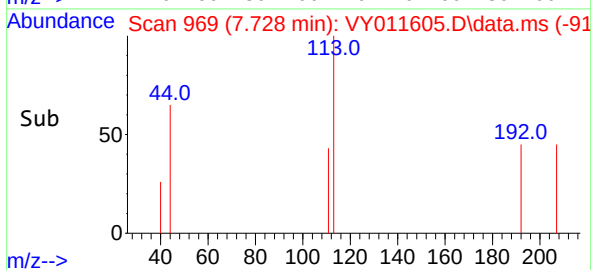
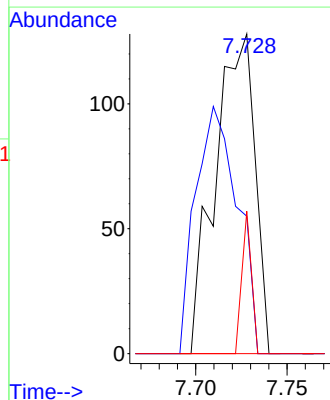
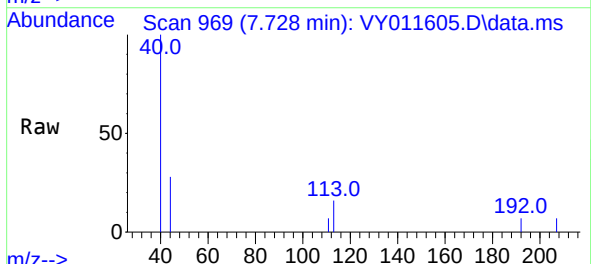
Instrument :
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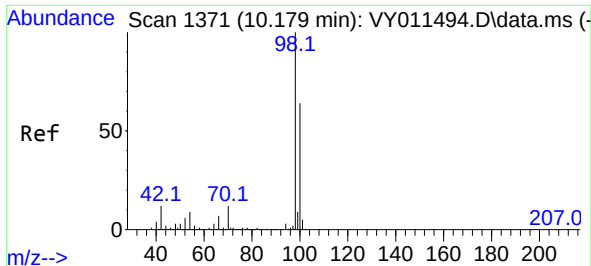
Tgt Ion:	114	Resp:	714
Ion	Ratio	Lower	Upper
114	100		
63	13.8	0.0	43.2
88	12.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

Tgt Ion:	113	Resp:	194
Ion	Ratio	Lower	Upper
113	100		
111	81.4	82.6	124.0#
192	10.8	17.6	26.4#

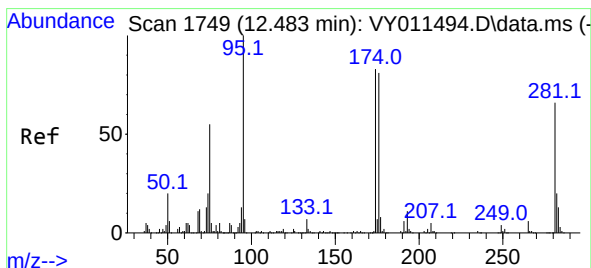
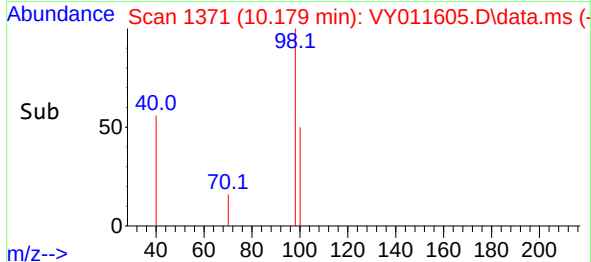
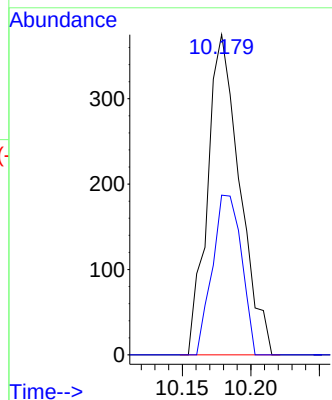
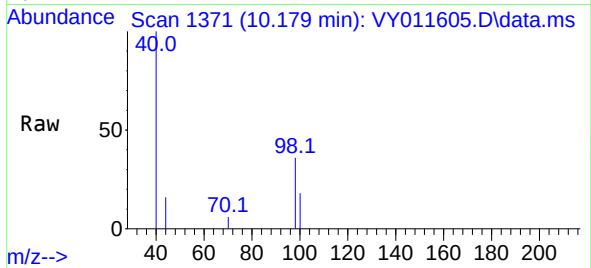




#50
Toluene-d8
Concen: 38.567 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

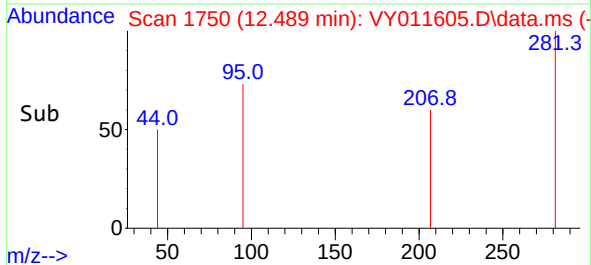
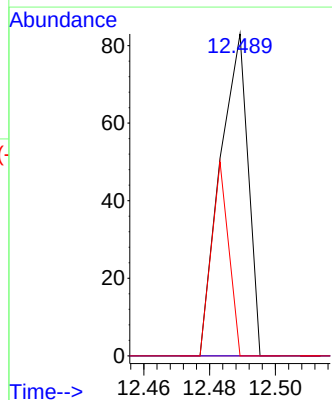
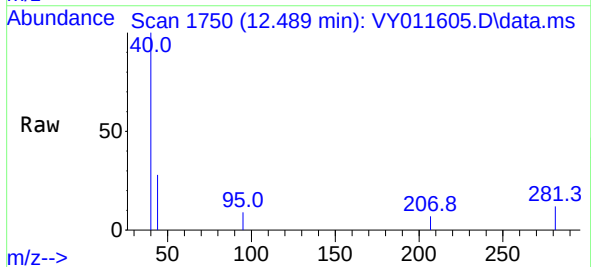
Instrument :
MSVOA_Y
ClientSampleId :
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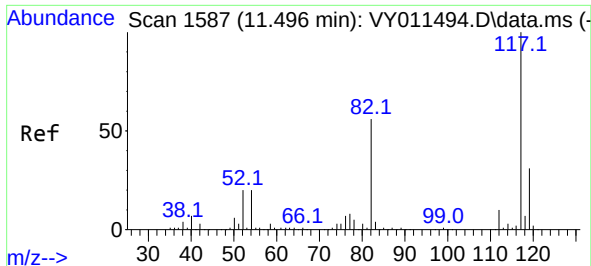
Tgt Ion: 98 Resp: 616
Ion Ratio Lower Upper
98 100
100 44.6 50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 8.297 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011605.D
Acq: 28 Nov 2022 17:30

Tgt Ion: 95 Resp: 49
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 36.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011605.D

Acq: 28 Nov 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-24-STOCK

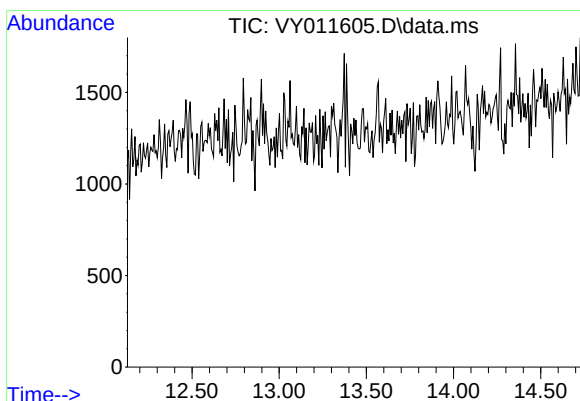
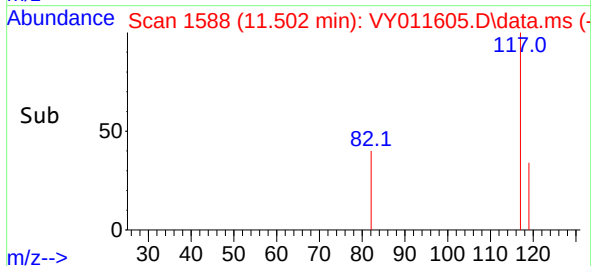
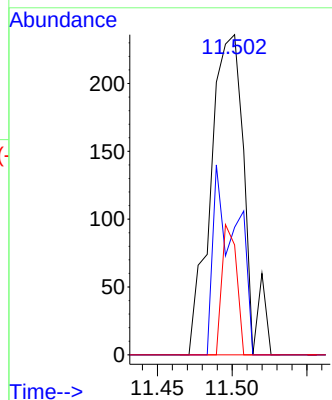
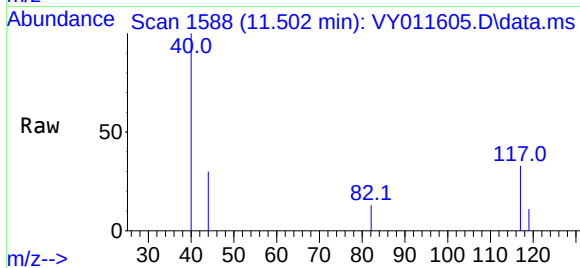
Tgt Ion:117 Resp: 372

Ion Ratio Lower Upper

117 100

82 39.8 43.0 64.4#

119 34.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.43 min

Lab File: VY011605.D

Acq: 28 Nov 2022 17:30

Tgt Ion: 152

Sig Exp Ratio

152 100

115 56.5

150 173.8

