

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074566.D
 Acq On : 18 Oct 2022 15:39
 Operator : VA/SY
 Sample : N5140-07RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-3.5-4.0RE

Quant Time: Oct 19 01:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

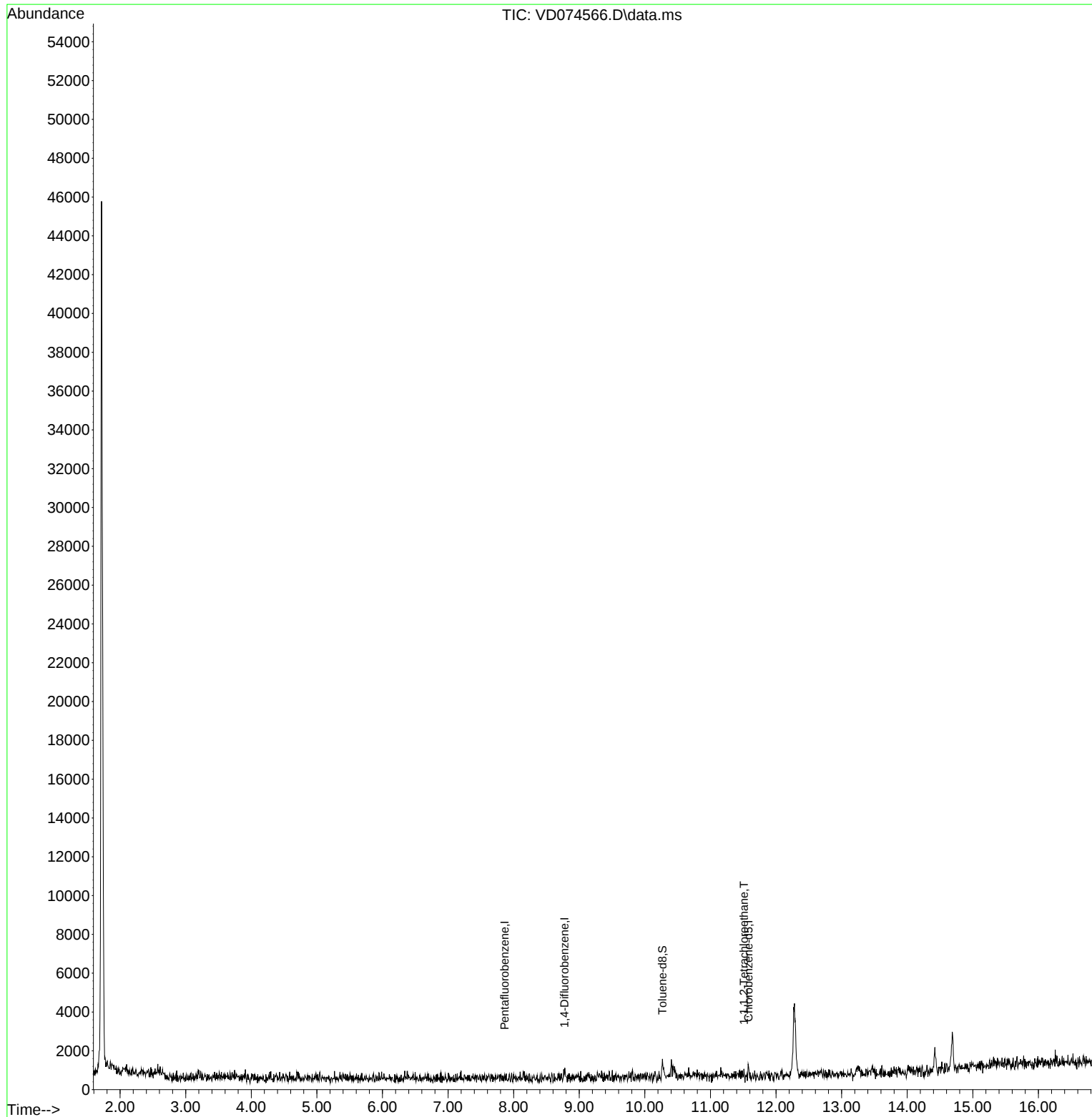
Internal Standards						
1) Pentafluorobenzene	7.863	168	113	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.775	114	581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	476	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.51
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.269	98	739	55.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.740%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
66) 1,1,1,2-Tetrachloroethane	11.510	131	62	17.883	ug/l	# 9

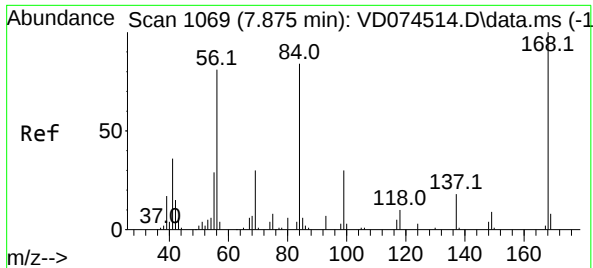
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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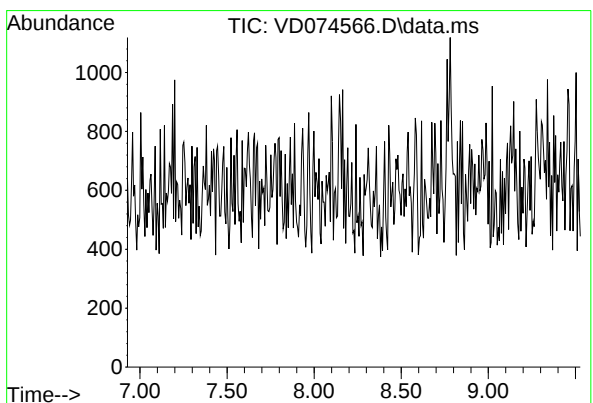
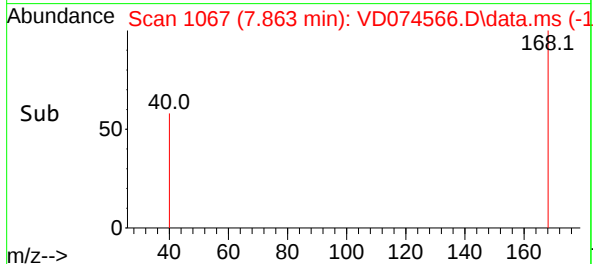
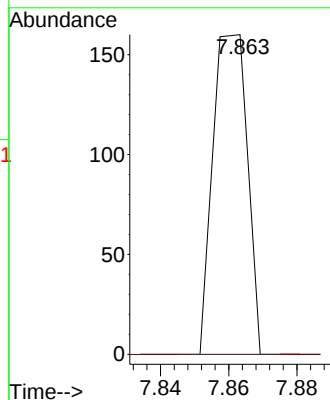
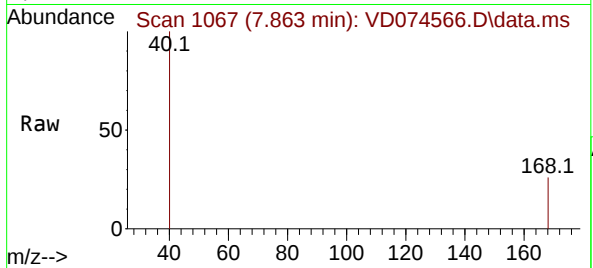




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
SB-04-3.5-4.0RE

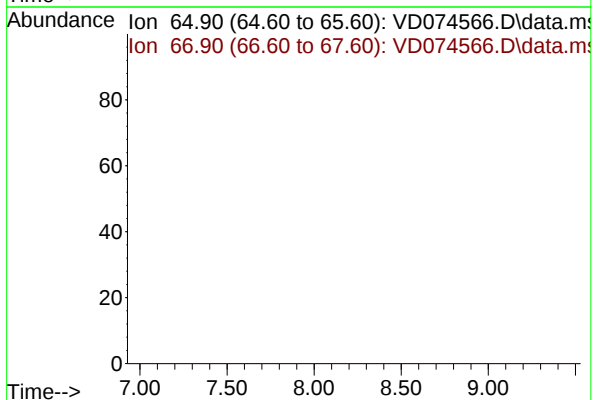
Tgt Ion:168 Resp: 113
Ion Ratio Lower Upper
168 100
99 0.0 40.9 61.3#

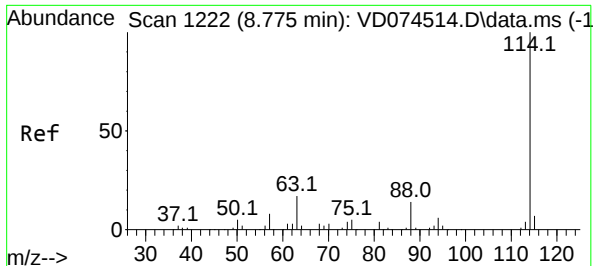


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.1

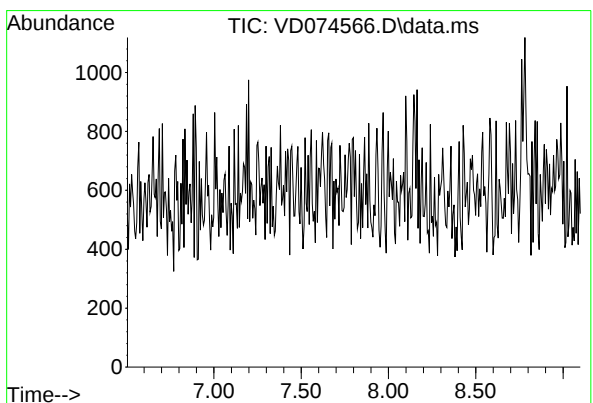
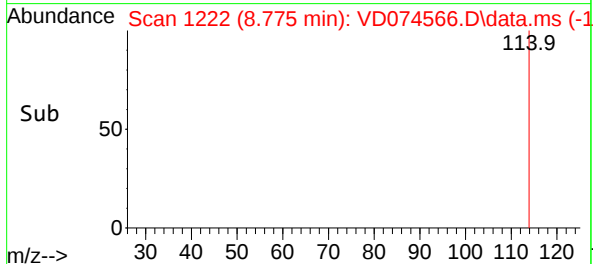
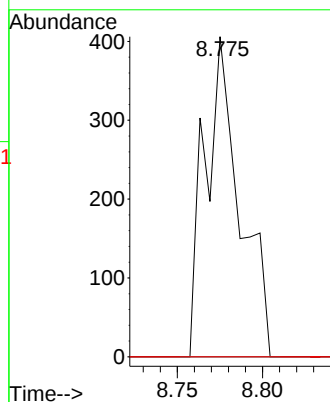
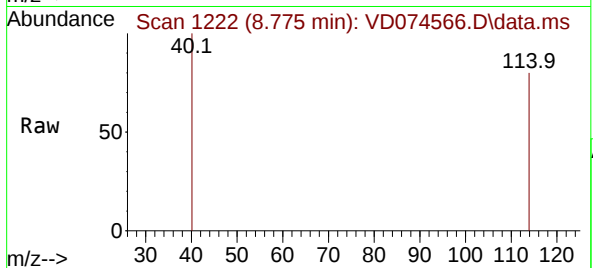




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
SB-04-3.5-4.0RE

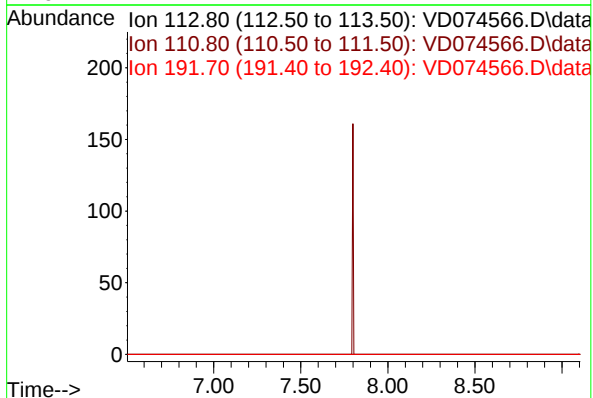
Tgt Ion:114 Resp: 581
Ion Ratio Lower Upper
114 100
63 0.0 0.0 33.2
88 0.0 0.0 28.2

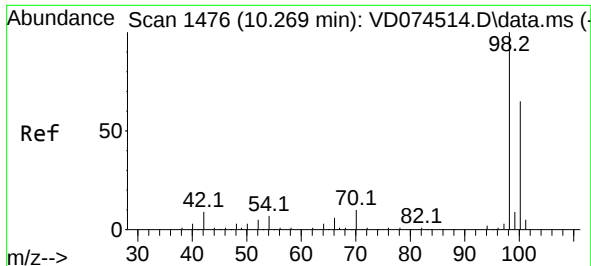


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.80 min

Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.9
192 20.5

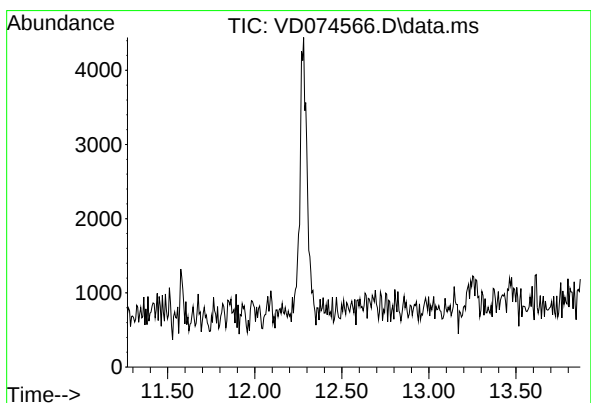
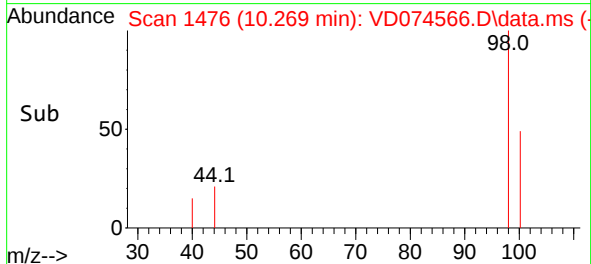
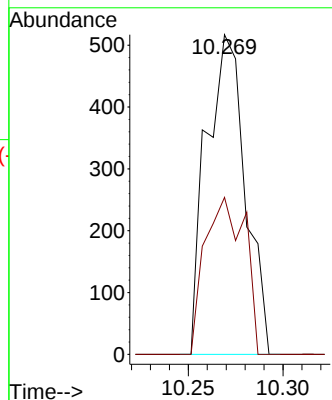
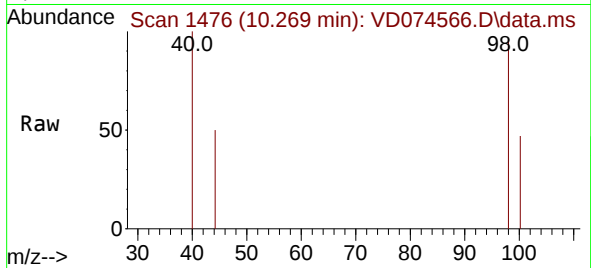




#50
Toluene-d8
Concen: 55.369 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
SB-04-3.5-4.0RE

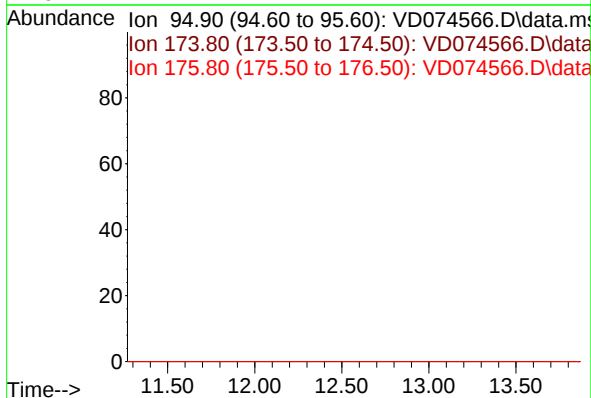
Tgt Ion: 98 Resp: 739
Ion Ratio Lower Upper
98 100
100 50.3 51.4 77.0#

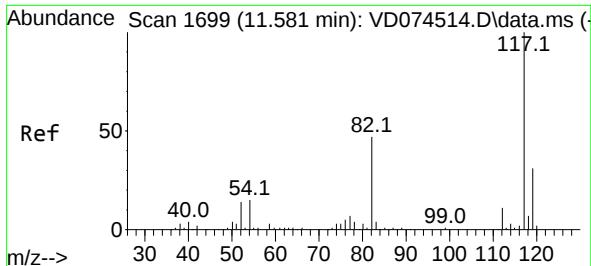


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

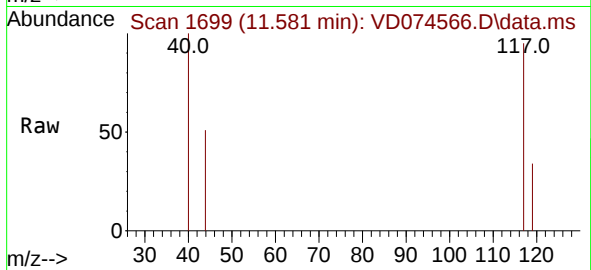
Tgt Ion: 95
Sig Exp Ratio
95 100
174 98.5
176 91.3



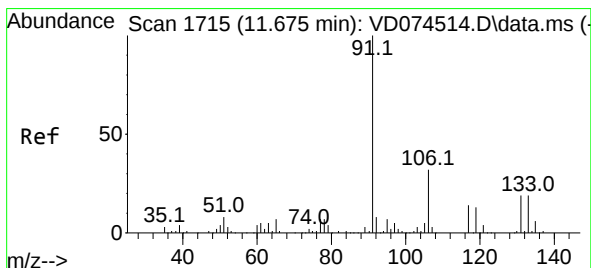
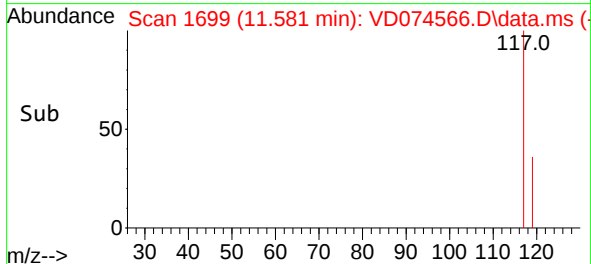
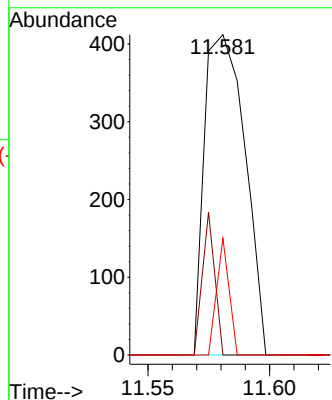


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
SB-04-3.5-4.0RE

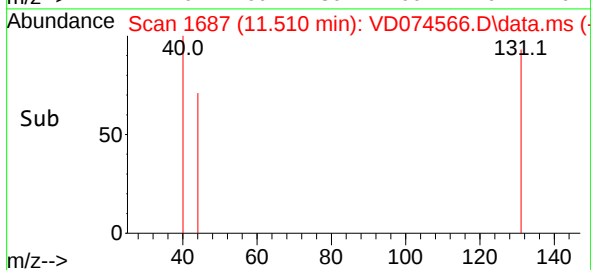
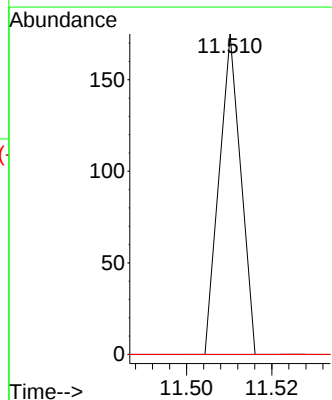
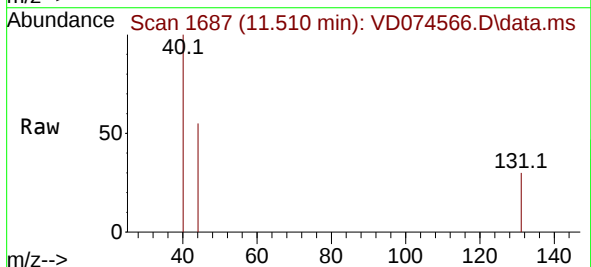


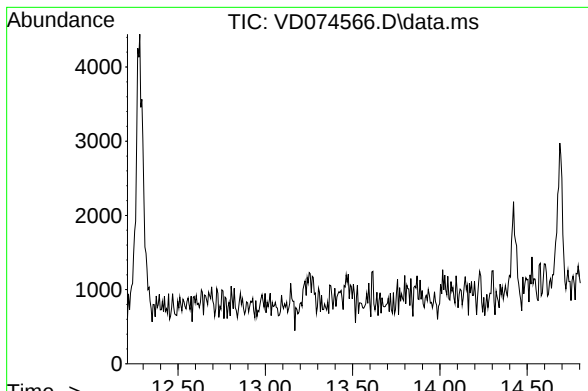
Tgt Ion:117 Resp: 476
Ion Ratio Lower Upper
117 100
82 0.0 41.6 62.4#
119 36.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.883 ug/l
RT: 11.510 min Scan# 1687
Delta R.T. -0.171 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Tgt Ion:131 Resp: 62
Ion Ratio Lower Upper
131 100
133 0.0 46.6 139.8#
119 0.0 32.5 97.4#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.51 min
Lab File: VD074566.D
Acq: 18 Oct 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
SB-04-3.5-4.0RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 53.6
150 174.1

