

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078595.D
 Acq On : 04 Mar 2024 18:58
 Operator : RP/MD
 Sample : P1666-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030124

Quant Time: Mar 05 04:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	1006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	700	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	338	127.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	254.460%#
35) Dibromofluoromethane	7.799	113	66	10.086	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.180%#
50) Toluene-d8	10.269	98	1030	40.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.020%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

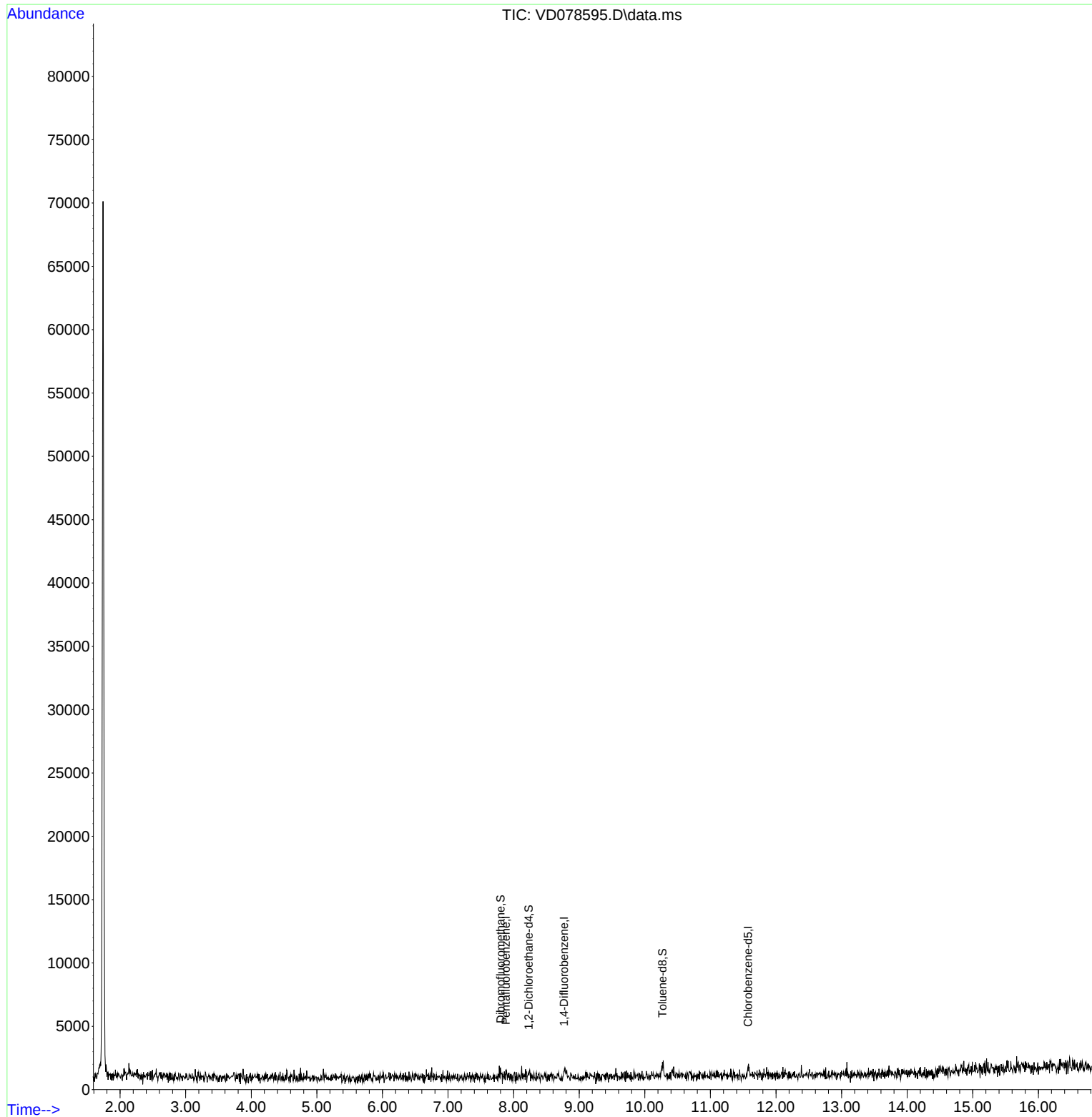
Target Compounds	Qvalue

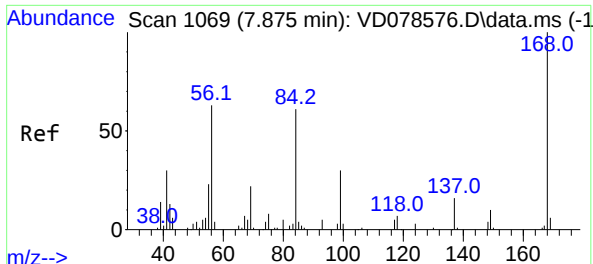
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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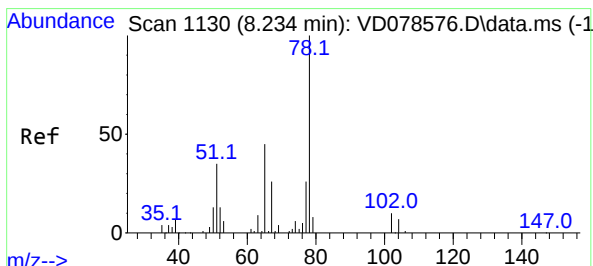
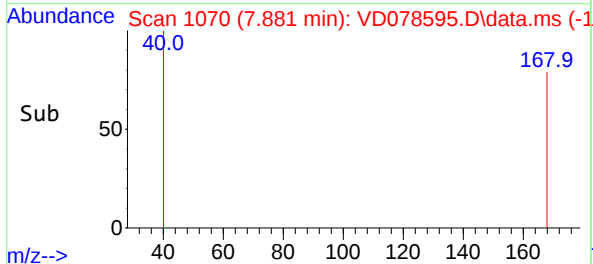
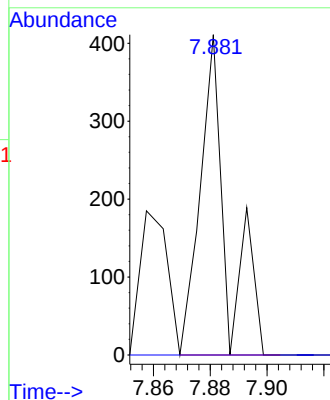
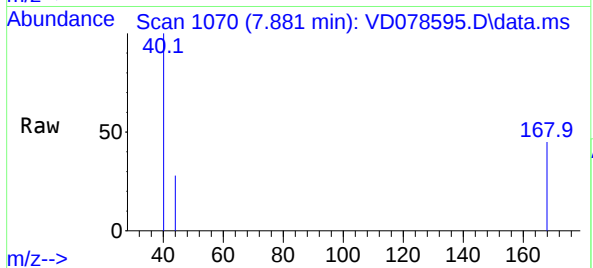




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

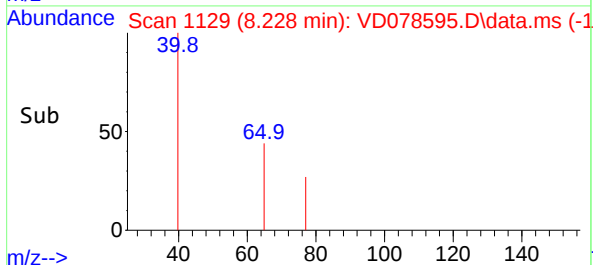
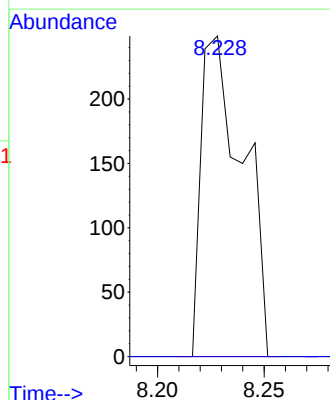
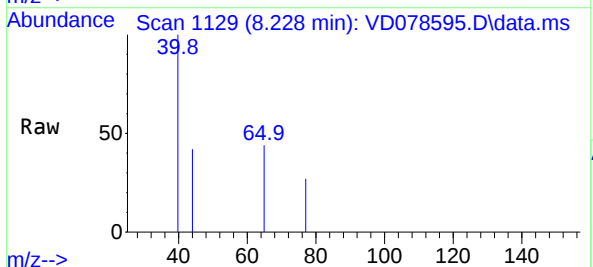
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

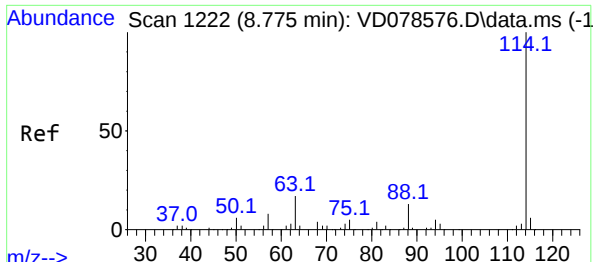
Tgt Ion:168 Resp: 268
Ion Ratio Lower Upper
168 100
99 0.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 127.228 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Tgt Ion: 65 Resp: 338
Ion Ratio Lower Upper
65 100
67 0.0 0.0 115.0

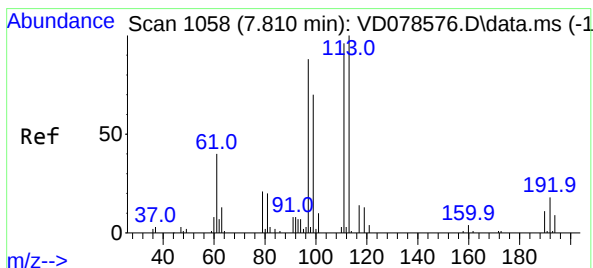
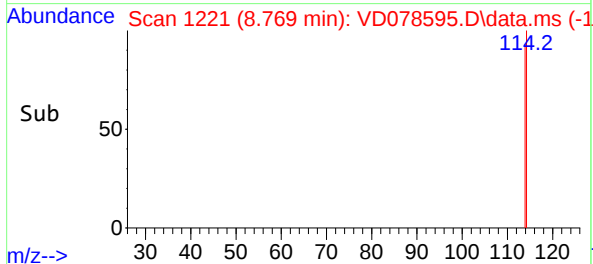
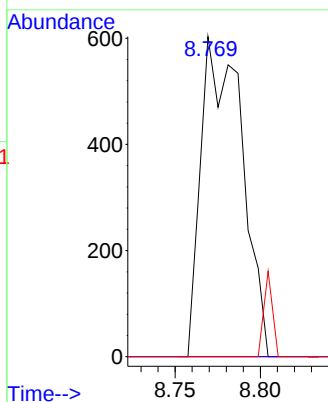
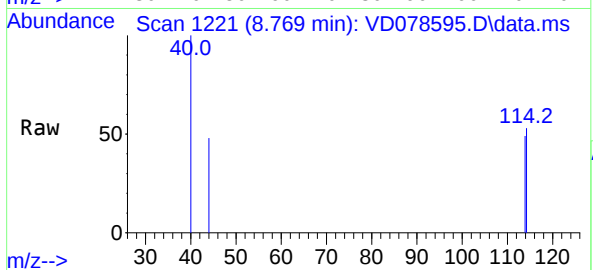




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

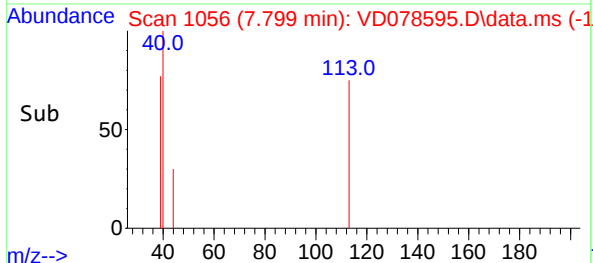
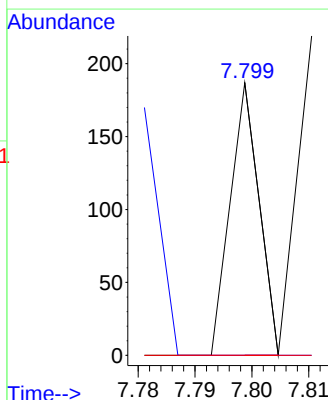
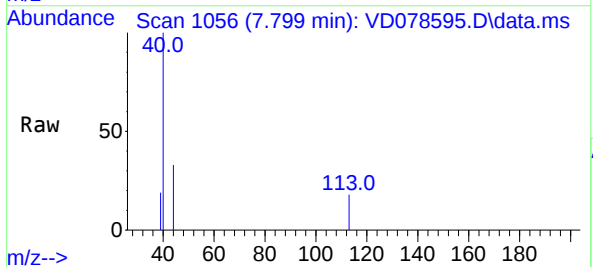
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

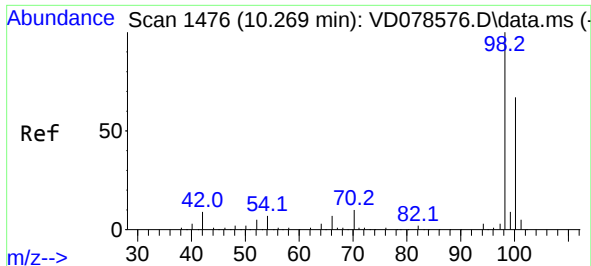
Tgt Ion:114	Resp:	1006
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 33.4
88	0.0	0.0 26.2



#35
Dibromofluoromethane
Concen: 10.086 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.011 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Tgt Ion:113	Resp:	66
Ion	Ratio	Lower Upper
113	100	
111	90.9	84.7 127.1
192	0.0	16.8 25.2#

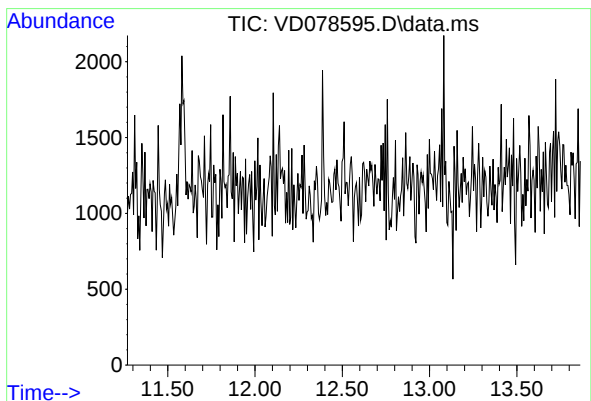
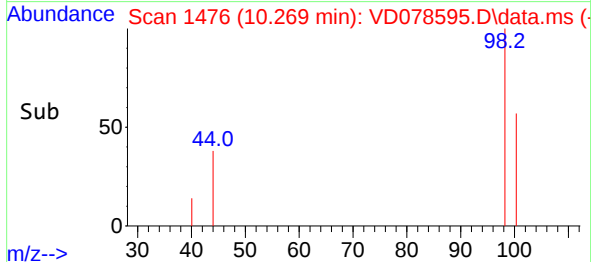
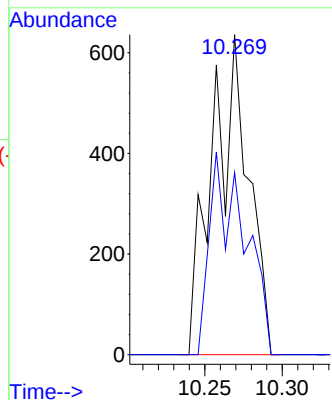
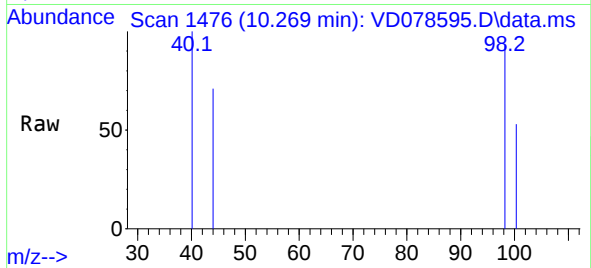




#50
Toluene-d8
Concen: 40.506 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

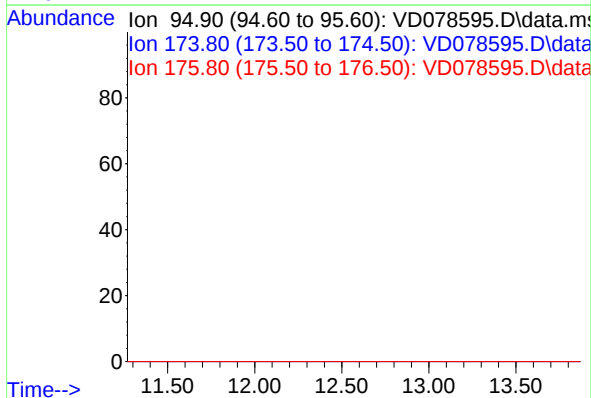
Tgt Ion: 98 Resp: 1030
Ion Ratio Lower Upper
98 100
100 60.5 50.3 75.5

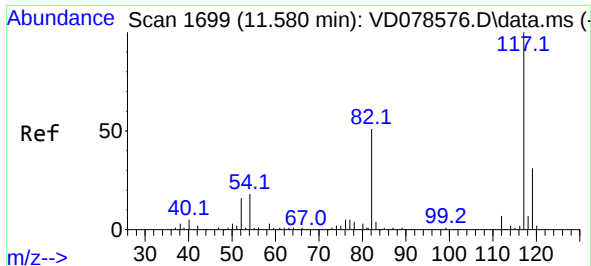


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Tgt Ion: 95
Sig Exp Ratio
95 100
174 100.9
176 95.9

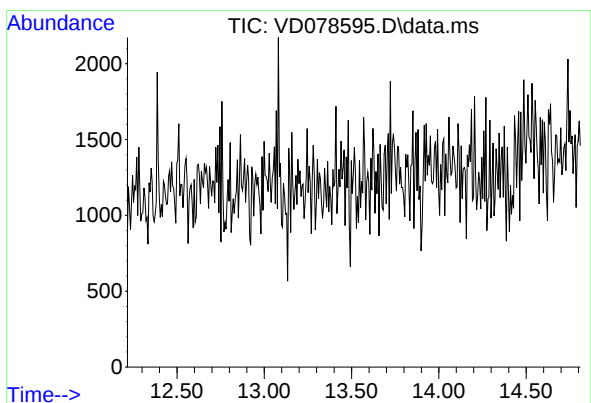
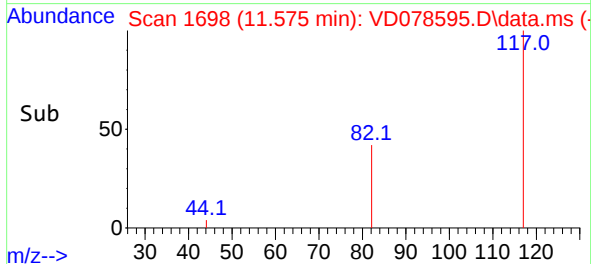
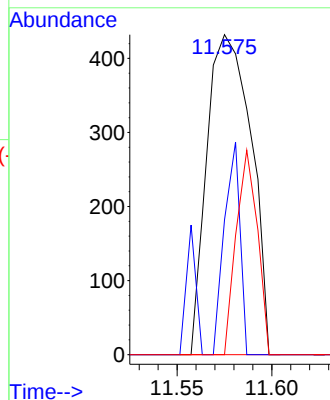
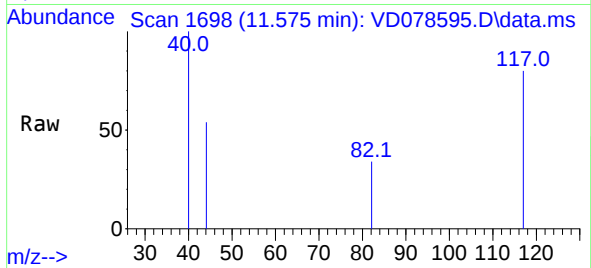




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030124

Tgt Ion:117 Resp: 700
Ion Ratio Lower Upper
117 100
82 42.1 38.3 57.5
119 0.0 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD078595.D
Acq: 04 Mar 2024 18:58

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 176.8

