

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075203.D
 Acq On : 25 Jan 2023 16:59
 Operator : KP/SY
 Sample : 01293-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-3-012523

Quant Time: Jan 26 03:50:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

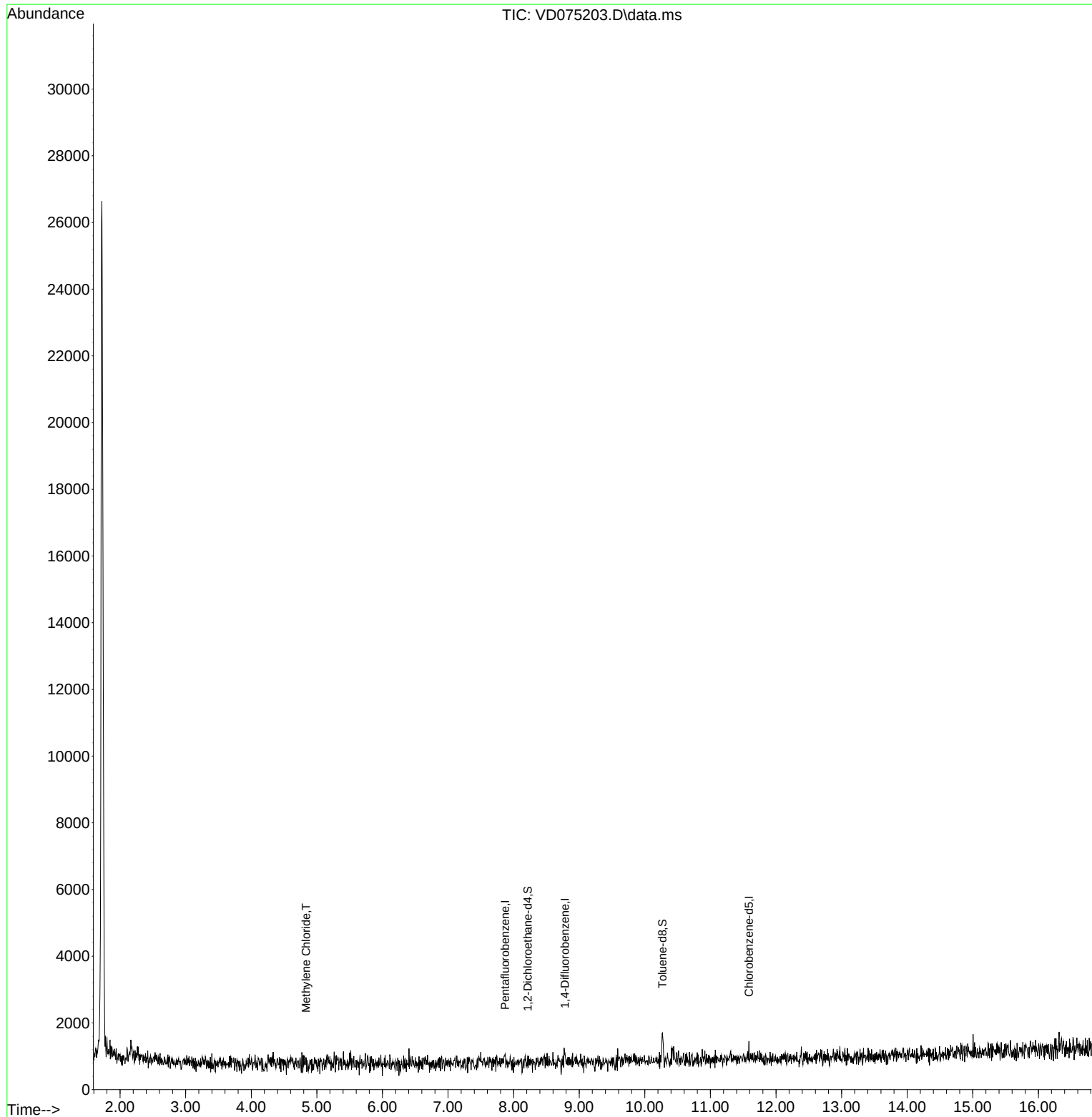
Internal Standards						
1) Pentafluorobenzene	7.869	168	276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	212	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	115	40.833	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.660%
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	804	76.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	152.560%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
20) Methylene Chloride	4.834	84	57	8.147	ug/l	# 6

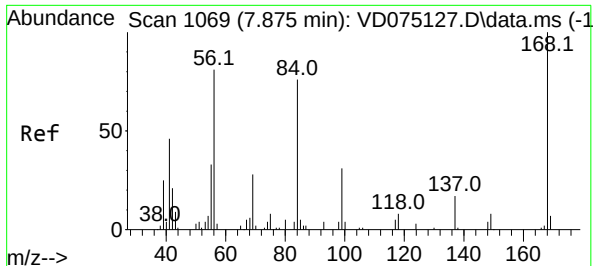
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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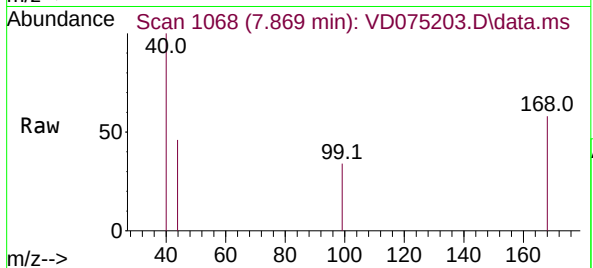
Quant Time: Jan 26 03:50:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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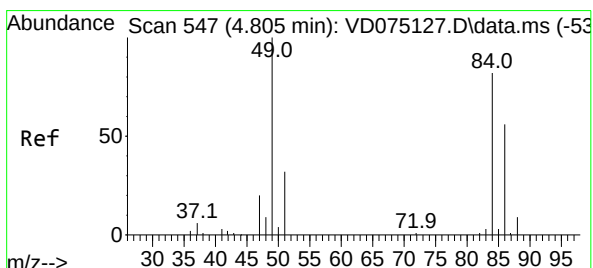
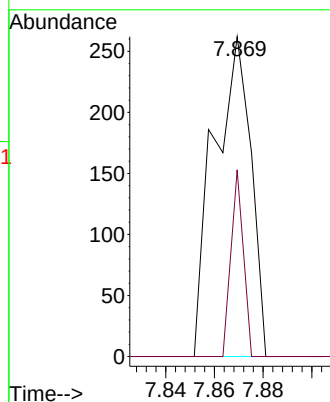
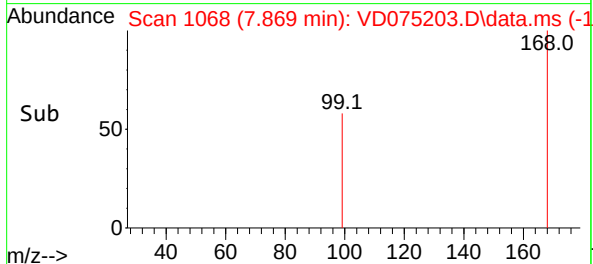


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

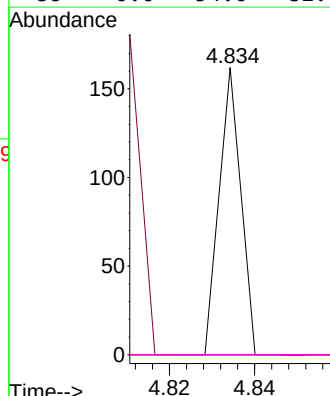
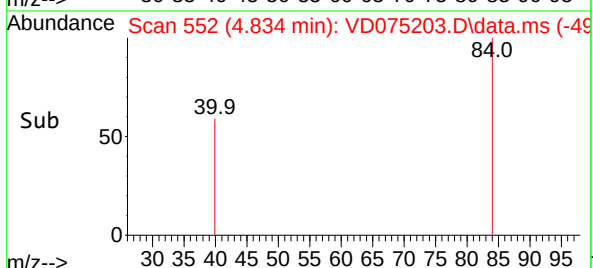
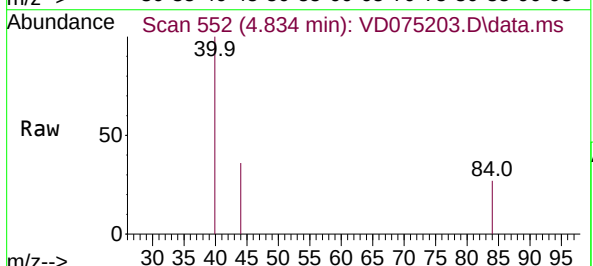


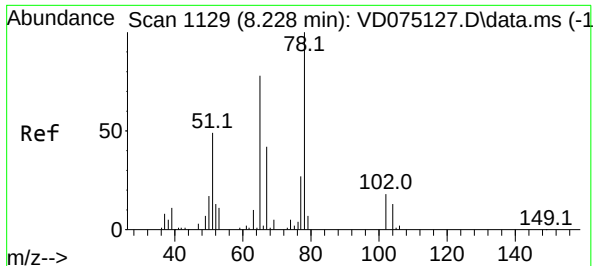
Tgt Ion:168 Resp: 276
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8



#20
Methylene Chloride
Concen: 8.147 ug/l
RT: 4.834 min Scan# 552
Delta R.T. 0.029 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Tgt Ion: 84 Resp: 57
Ion Ratio Lower Upper
84 100
49 0.0 97.0 145.6#
51 0.0 30.9 46.3#
86 0.0 54.0 81.0#





#33

1,2-Dichloroethane-d4

Concen: 40.833 ug/l

RT: 8.216 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VD075203.D

Acq: 25 Jan 2023 16:59

Instrument :

MSVOA_D

ClientSampleId :

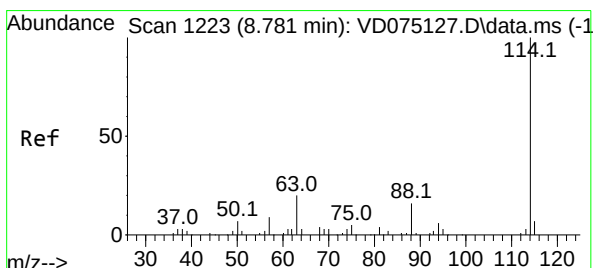
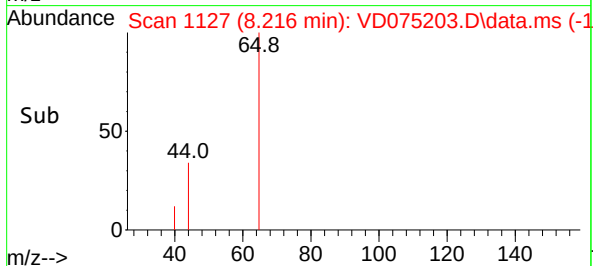
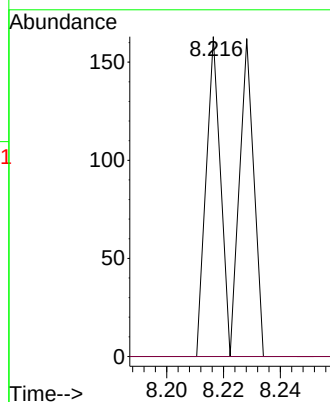
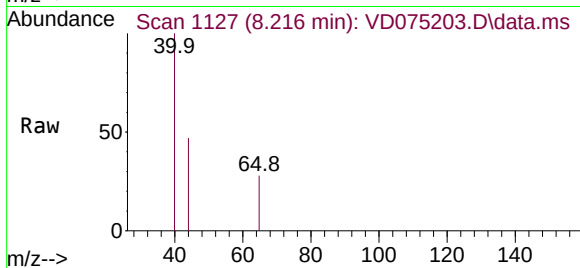
PL-3-012523

Tgt Ion: 65 Resp: 115

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075203.D

Acq: 25 Jan 2023 16:59

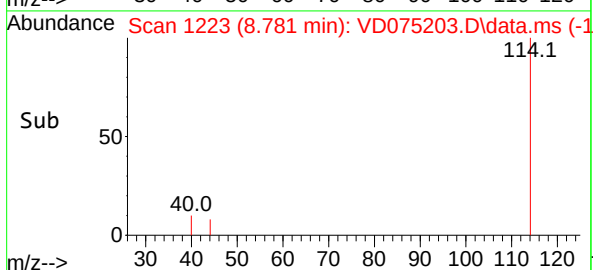
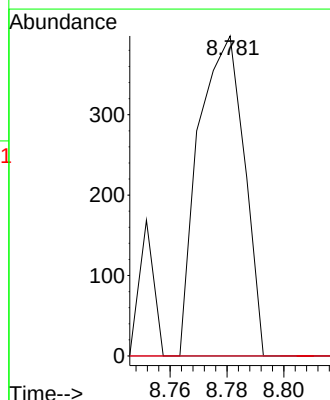
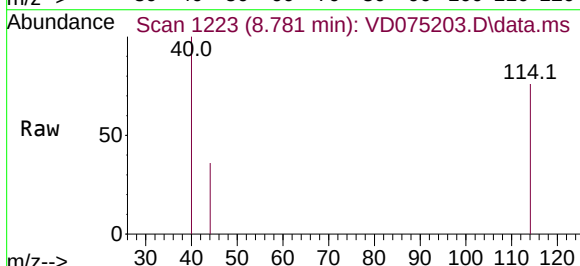
Tgt Ion: 114 Resp: 443

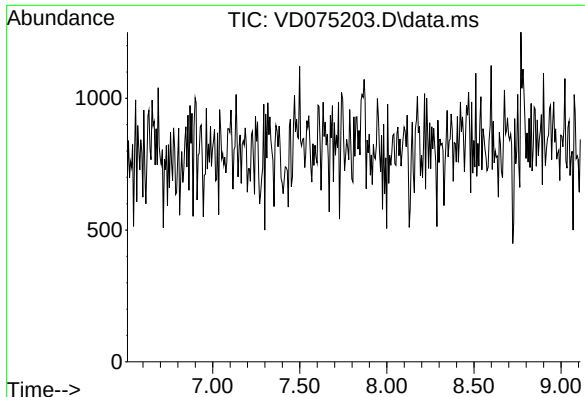
Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.2

88 0.0 0.0 32.2

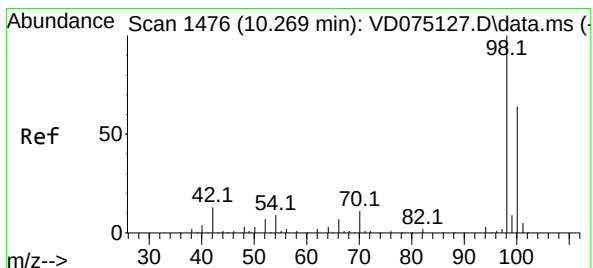
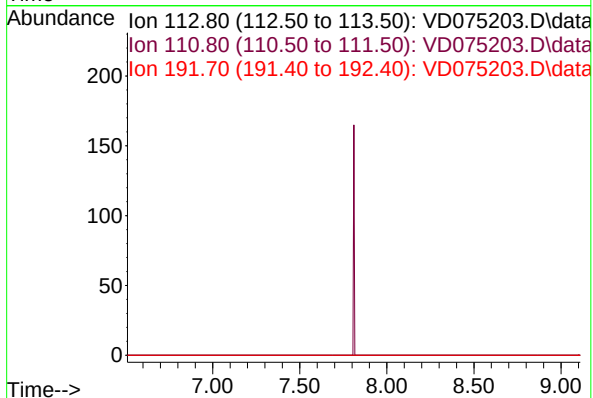




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.81 min
 Lab File: VD075203.D
 Acq: 25 Jan 2023 16:59

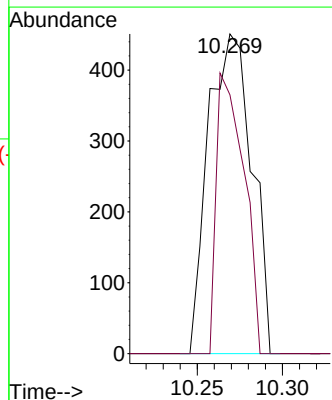
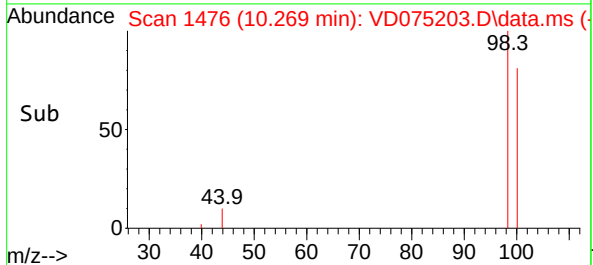
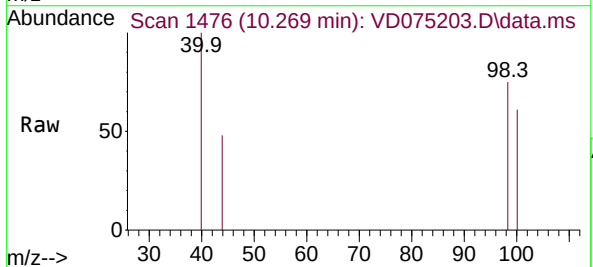
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-3-012523

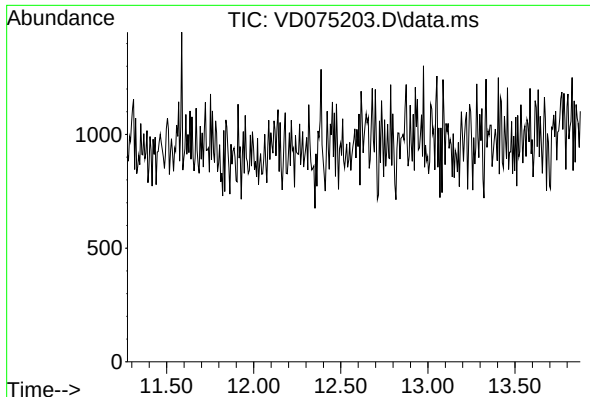
Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 100.1
 192 19.2



#50
 Toluene-d8
 Concen: 76.281 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD075203.D
 Acq: 25 Jan 2023 16:59

Tgt Ion: 98 Resp: 804
 Ion Ratio Lower Upper
 98 100
 100 55.3 52.7 79.1

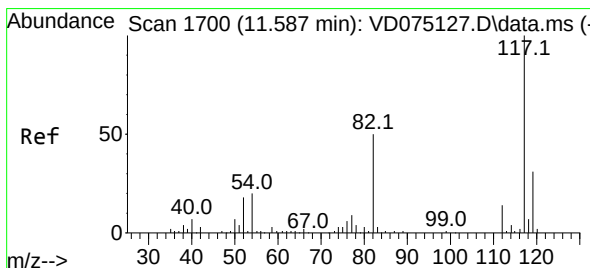
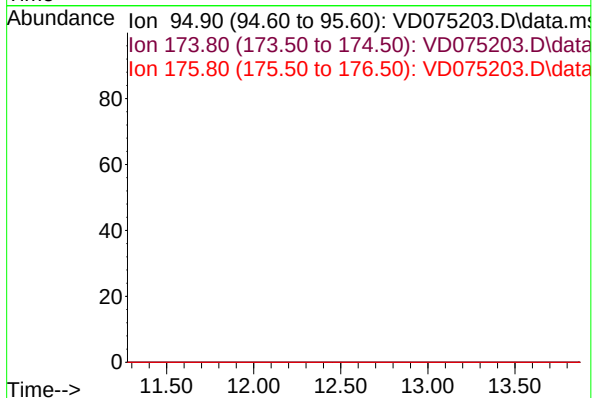




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

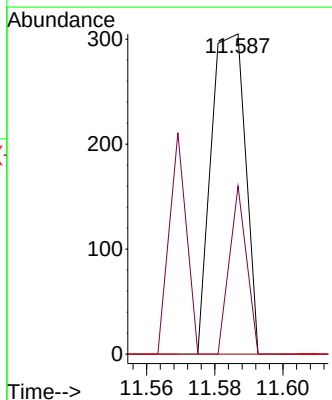
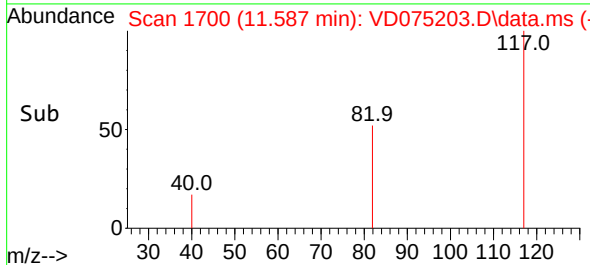
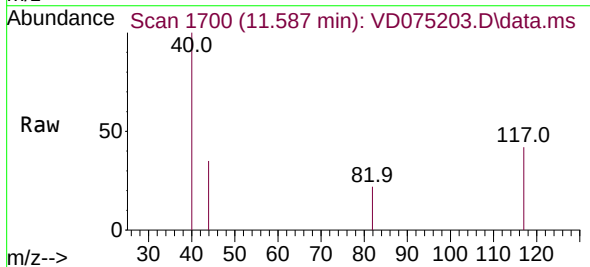
Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

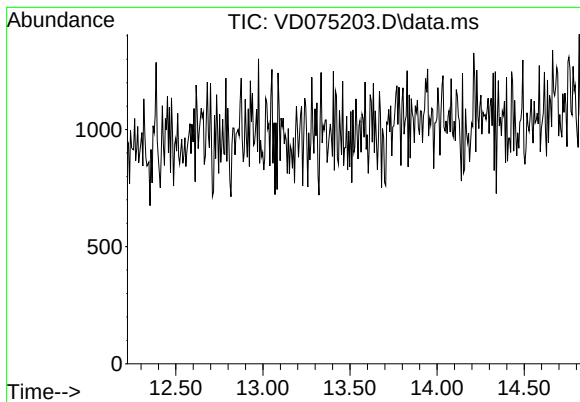
Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.6
176 80.1



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Tgt Ion: 117 Resp: 212
Ion Ratio Lower Upper
117 100
82 52.5 39.6 59.4
119 0.0 24.6 37.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.6
150 174.3

