

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078110.D
 Acq On : 29 Dec 2023 16:05
 Operator : RP/MD
 Sample : 06038-09
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-703

Quant Time: Dec 29 22:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

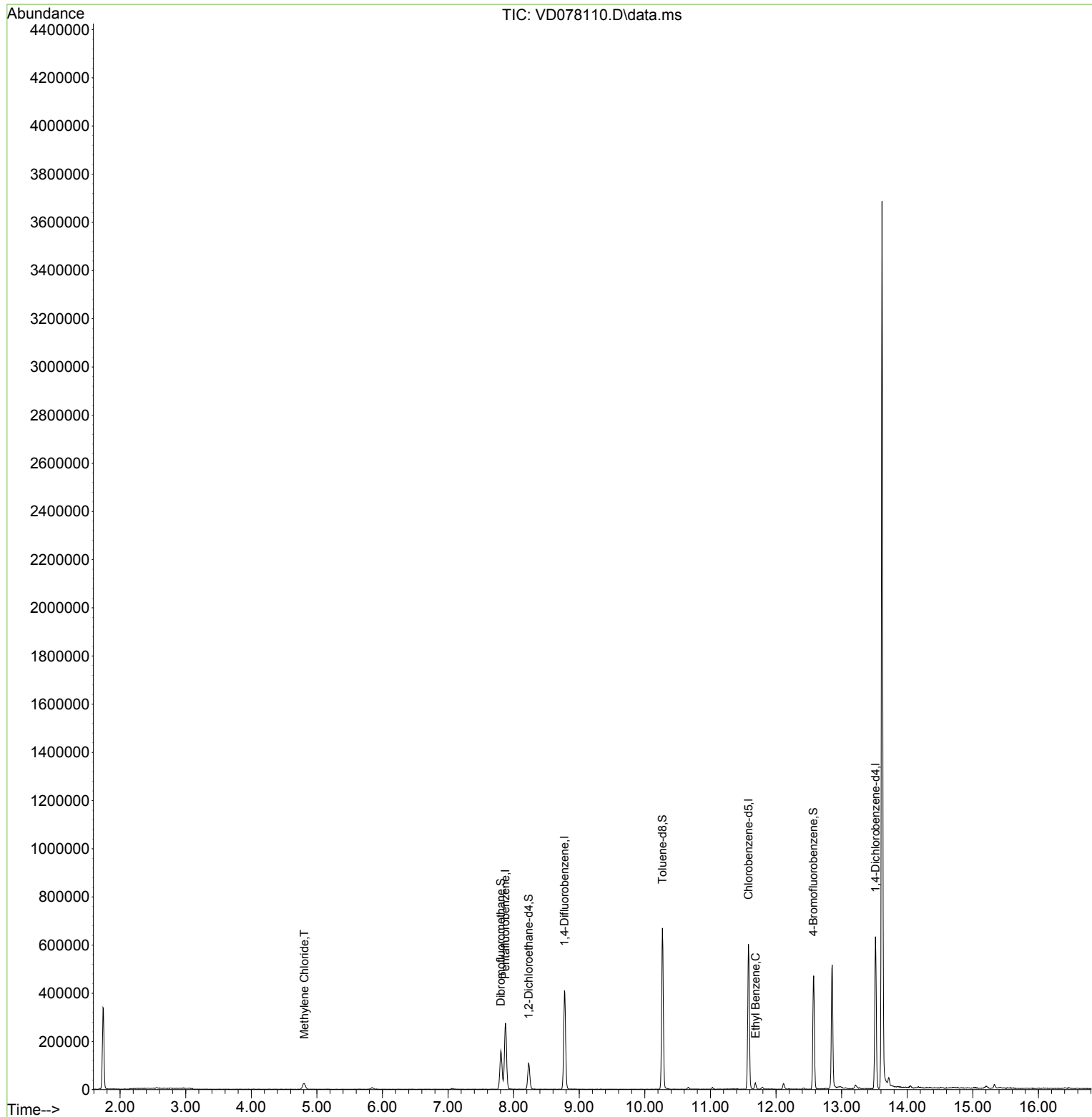
Internal Standards						
1) Pentafluorobenzene	7.875	168	225545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	383949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	365762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84072	41.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.780%
35) Dibromofluoromethane	7.804	113	114464	46.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.660%
50) Toluene-d8	10.269	98	471507	54.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.569	95	143543	51.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.640%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.810	84	19999	5.286	ug/l #	89
67) Ethyl Benzene	11.686	91	18998	1.402	ug/l	96

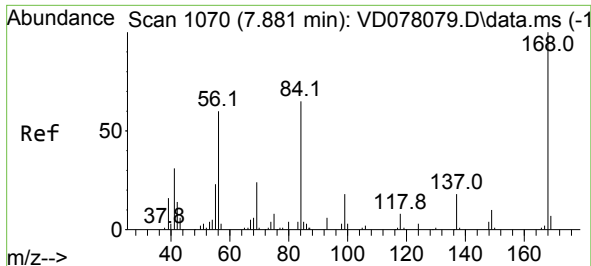
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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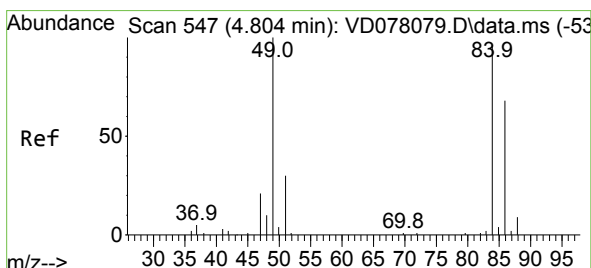
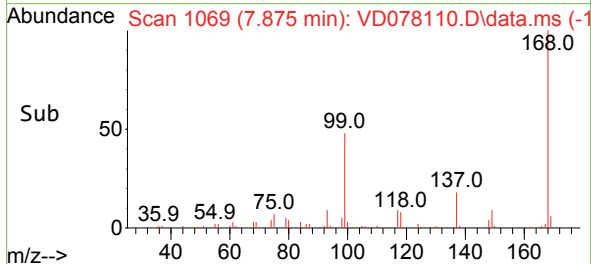
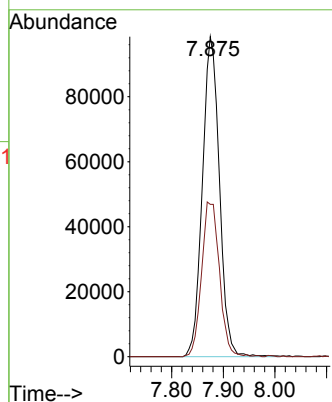
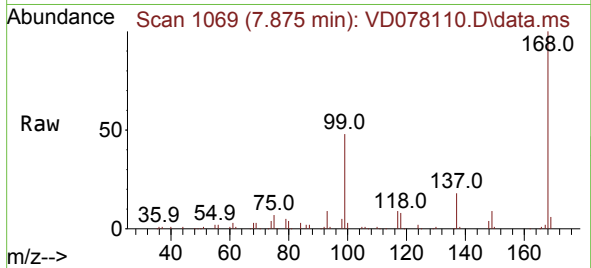




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

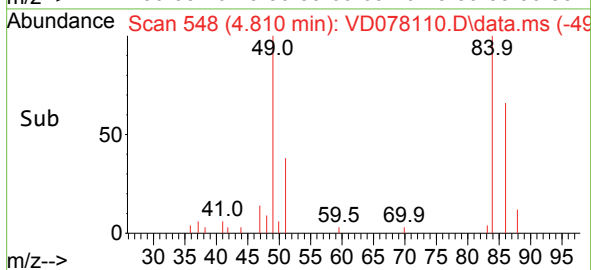
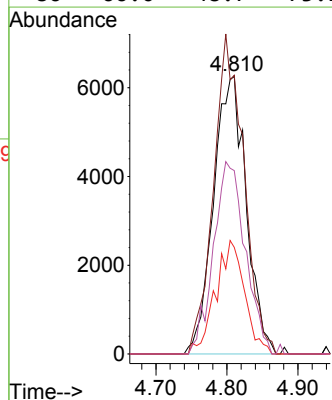
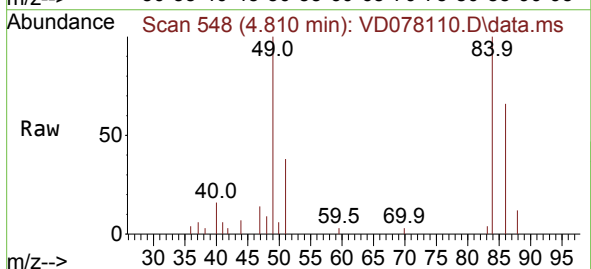
Instrument :
MSVOA_D
ClientSampleId :
T-703

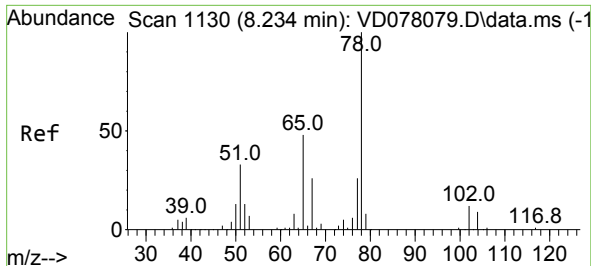
Tgt Ion:168 Resp: 225545
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#20
Methylene Chloride
Concen: 5.286 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

Tgt Ion: 84 Resp: 19999
Ion Ratio Lower Upper
84 100
49 100.4 71.4 107.2
51 38.4 24.5 36.7#
86 66.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 41.893 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078110.D

Acq: 29 Dec 2023 16:05

Instrument :

MSVOA_D

ClientSampleId :

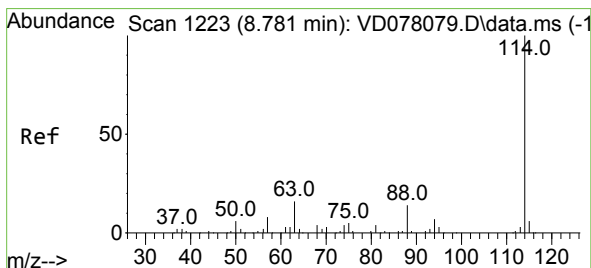
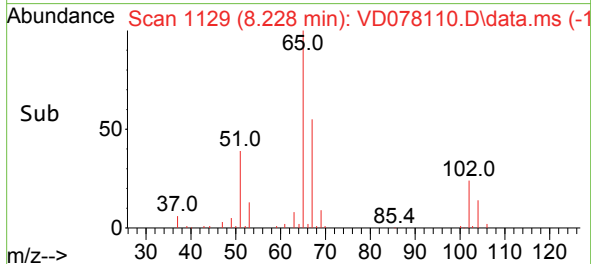
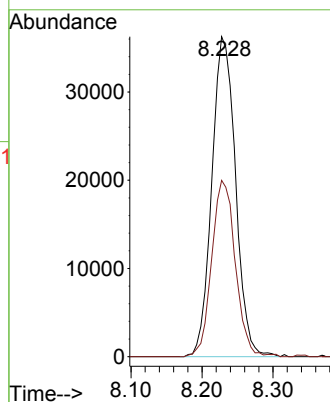
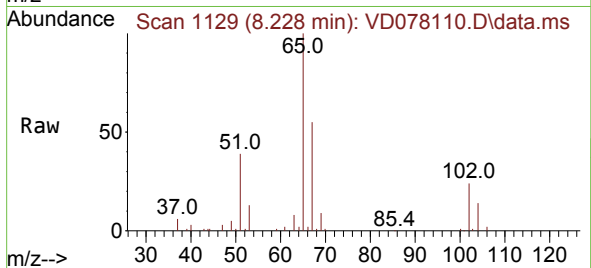
T-703

Tgt Ion: 65 Resp: 84072

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078110.D

Acq: 29 Dec 2023 16:05

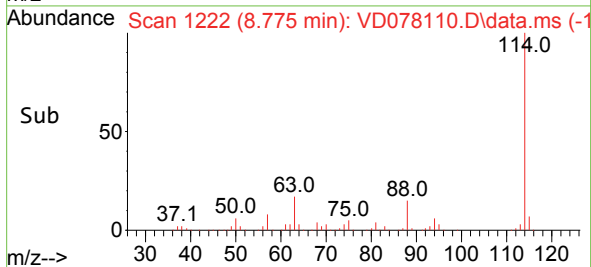
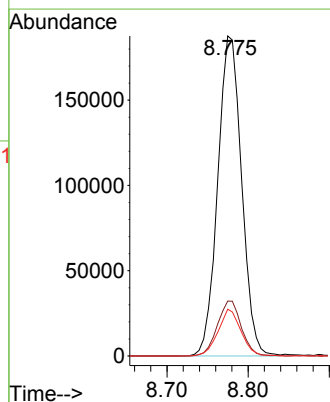
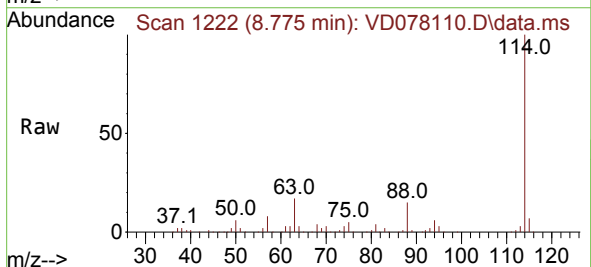
Tgt Ion:114 Resp: 383949

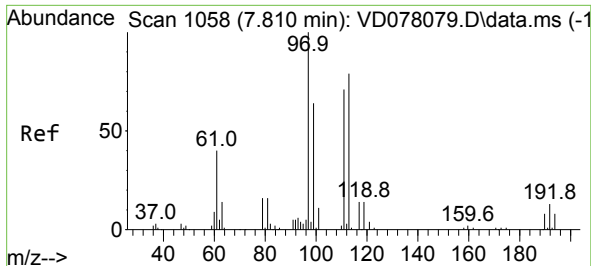
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 14.6 0.0 26.2

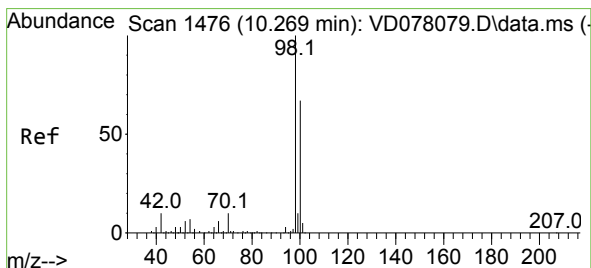
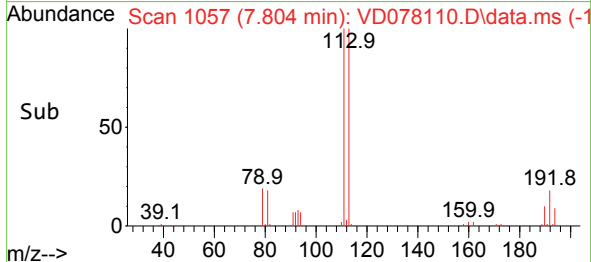
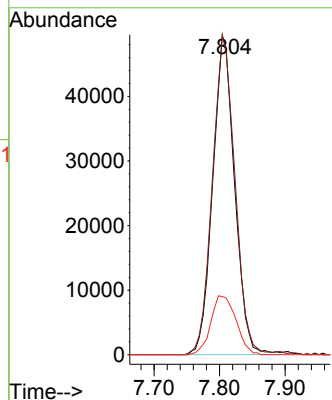
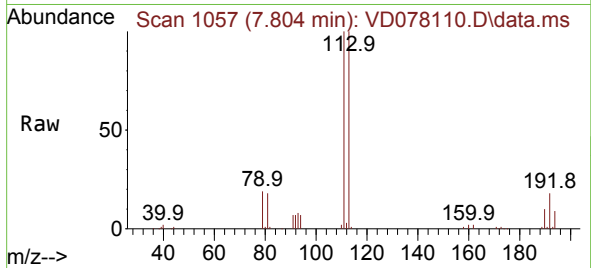




#35
Dibromofluoromethane
Concen: 46.333 ug/l
RT: 7.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

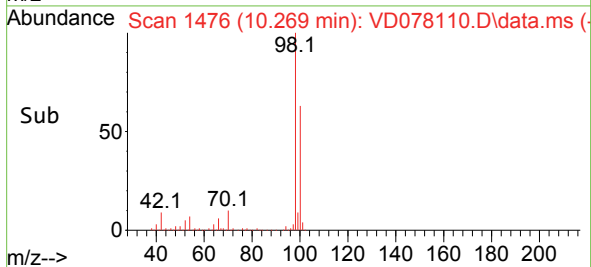
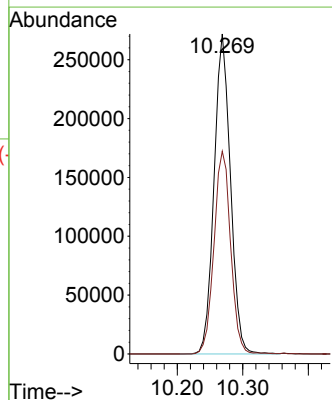
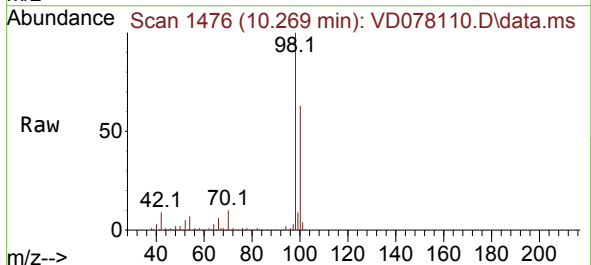
Instrument :
MSVOA_D
ClientSampleId :
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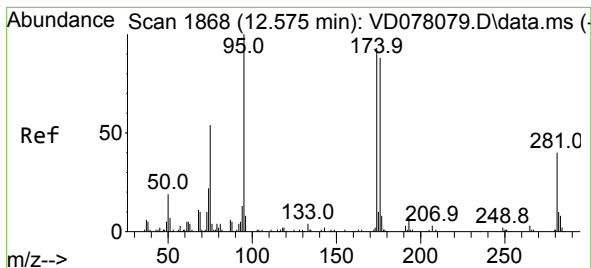
Tgt Ion:113 Resp: 114464
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 21.3 16.8 25.2



#50
Toluene-d8
Concen: 54.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

Tgt Ion: 98 Resp: 471507
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

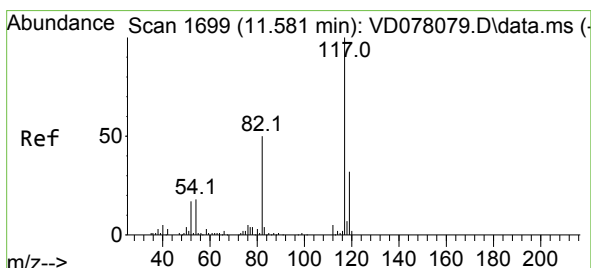
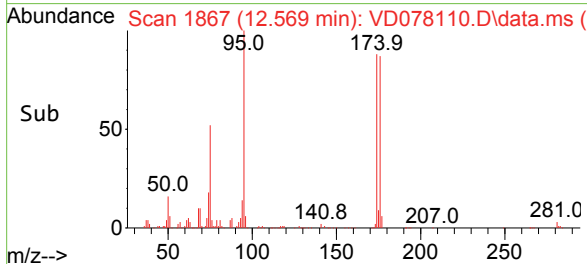
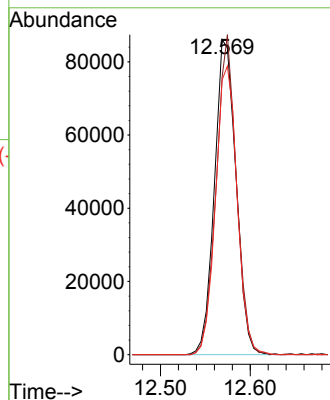
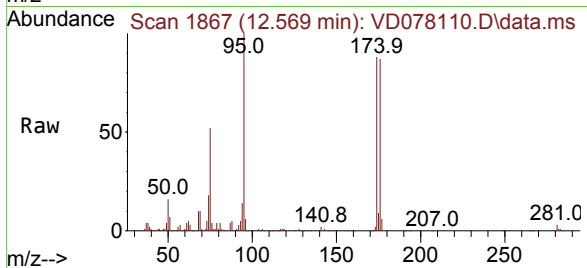




#62
4-Bromofluorobenzene
Concen: 51.321 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

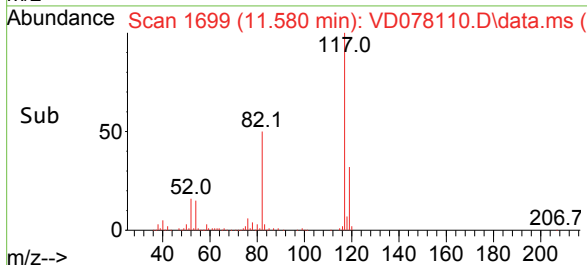
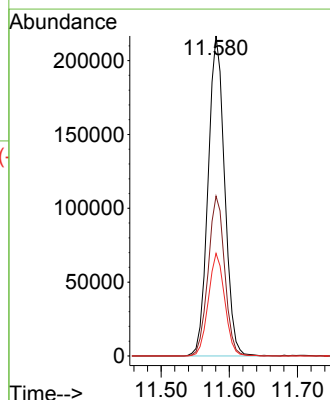
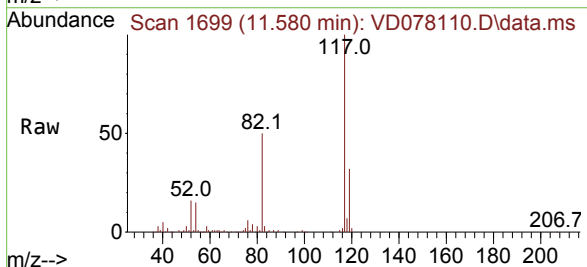
Instrument :
MSVOA_D
ClientSampleId :
T-703

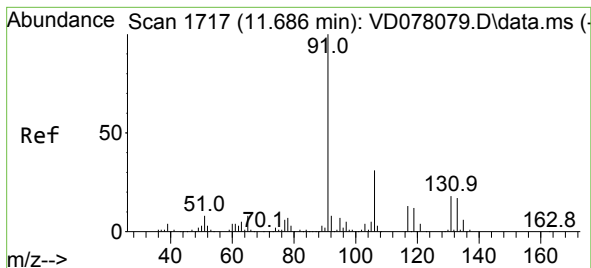
Tgt Ion: 95 Resp: 143543
Ion Ratio Lower Upper
95 100
174 95.1 0.0 201.8
176 91.5 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078110.D
Acq: 29 Dec 2023 16:05

Tgt Ion: 117 Resp: 365762
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 32.1 25.0 37.4





#67

Ethyl Benzene

Concen: 1.402 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD078110.D

Acq: 29 Dec 2023 16:05

Instrument :

MSVOA_D

ClientSampleId :

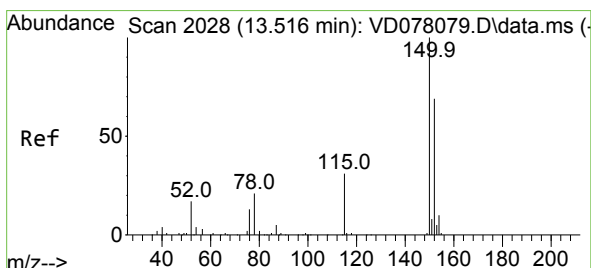
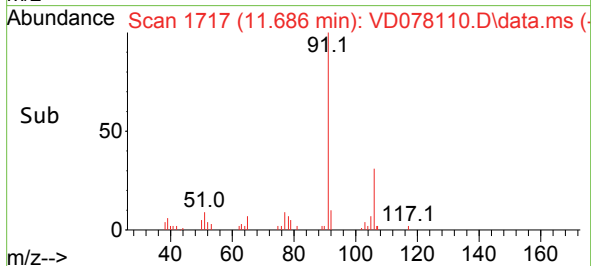
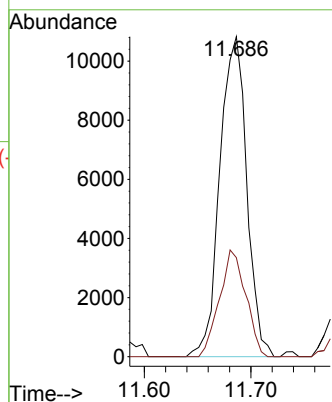
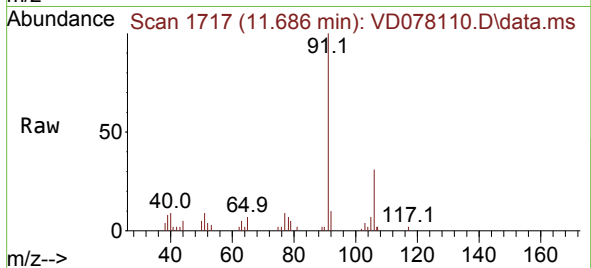
T-703

Tgt Ion: 91 Resp: 18998

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078110.D

Acq: 29 Dec 2023 16:05

Tgt Ion:152 Resp: 177966

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 155.0 0.0 353.6

