

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074965.D
 Acq On : 17 Nov 2022 13:12
 Operator : VA/SY
 Sample : N5664-02
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

Quant Time: Nov 17 22:35:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	103656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	198587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	168751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66803	103.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.620%#
35) Dibromofluoromethane	7.811	113	77589	63.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.760%
50) Toluene-d8	10.275	98	232372	57.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.260%
62) 4-Bromofluorobenzene	12.575	95	60518	48.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.760%

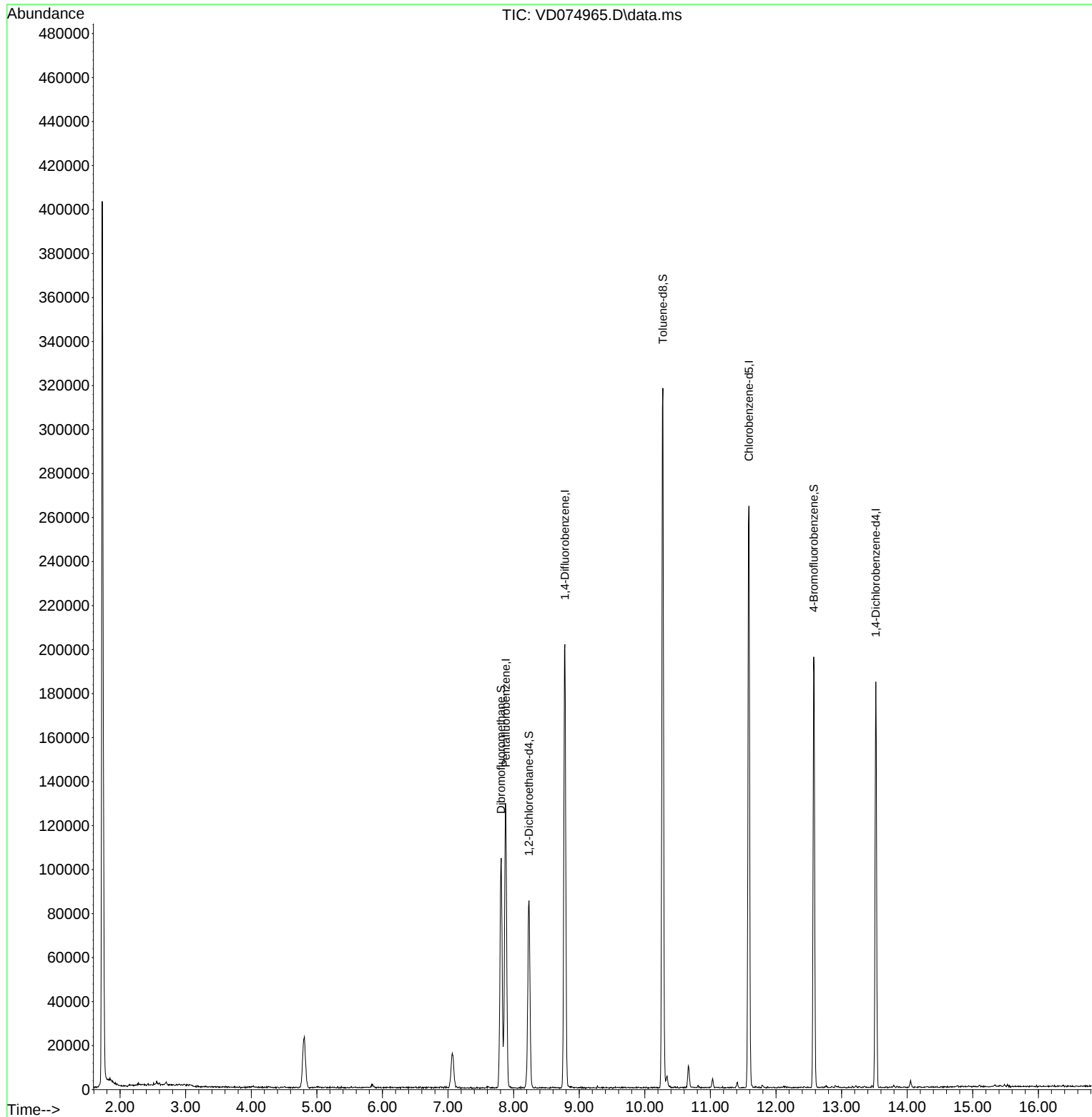
Target Compounds	Qvalue

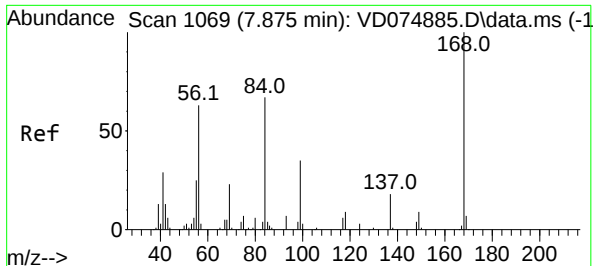
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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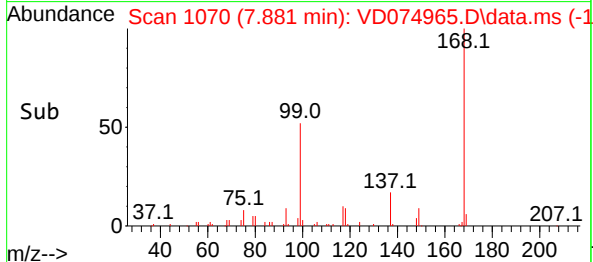
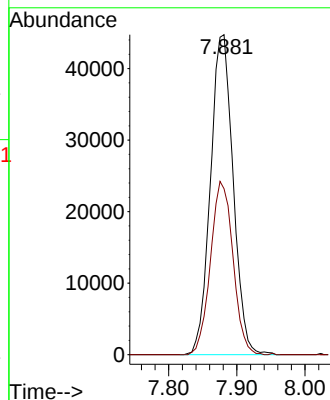
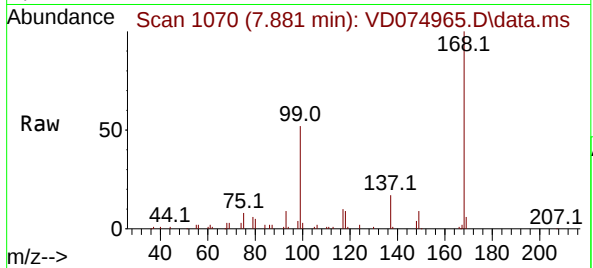




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

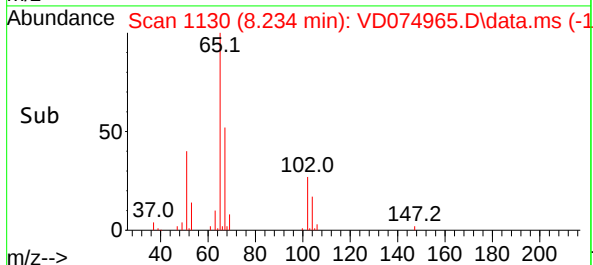
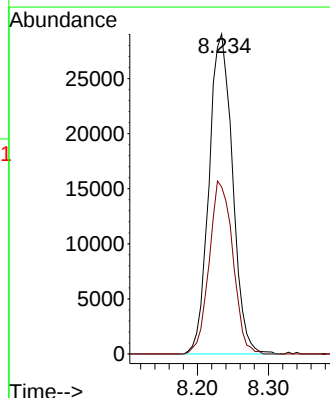
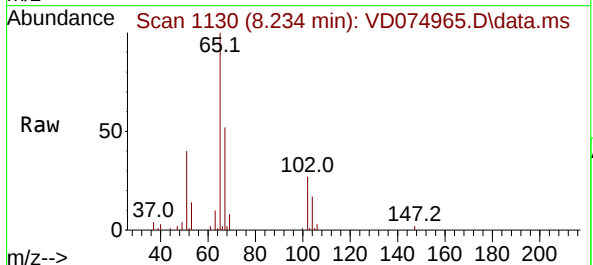
Instrument :
MSVOA_D
ClientSampleId :
B-2

Tgt Ion:168 Resp: 103656
Ion Ratio Lower Upper
168 100
99 51.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 103.308 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

Tgt Ion: 65 Resp: 66803
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074965.D

Acq: 17 Nov 2022 13:12

Instrument :

MSVOA_D

ClientSampleId :

B-2

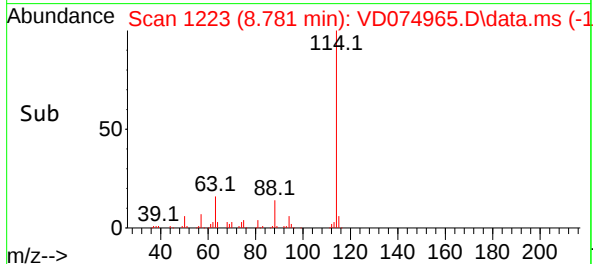
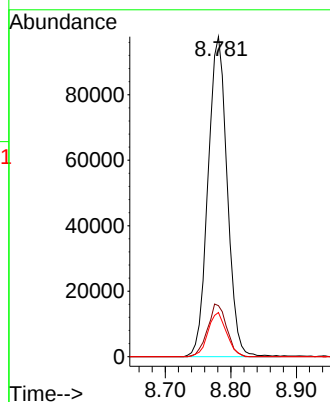
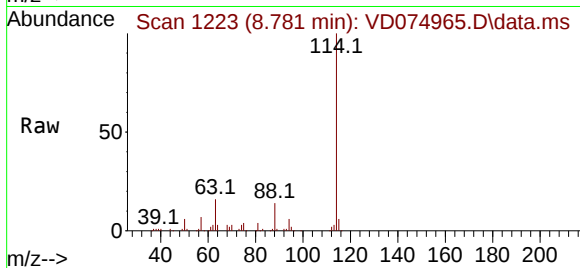
Tgt Ion:114 Resp: 198587

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.382 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074965.D

Acq: 17 Nov 2022 13:12

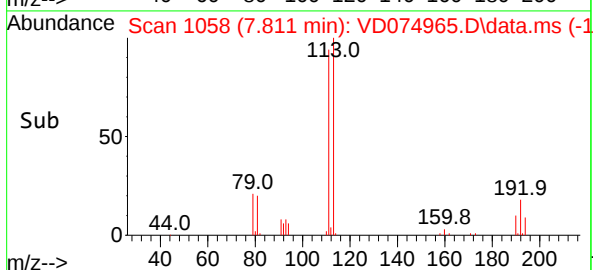
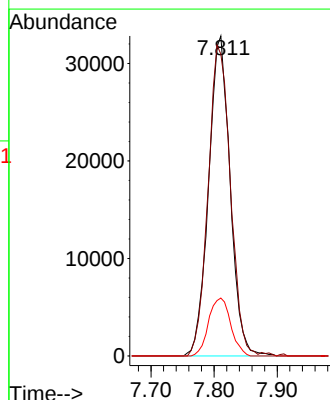
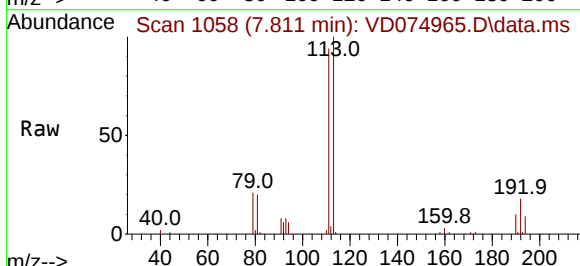
Tgt Ion:113 Resp: 77589

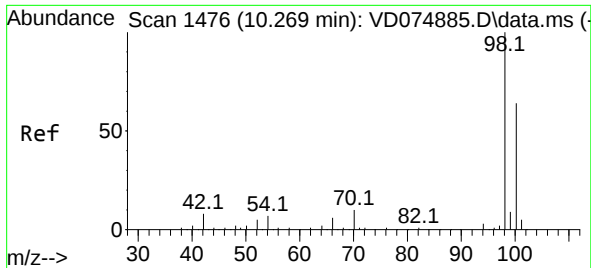
Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

192 18.5 16.4 24.6

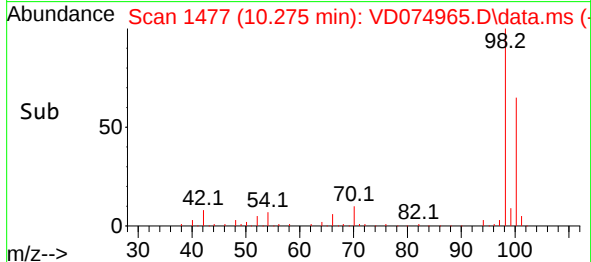
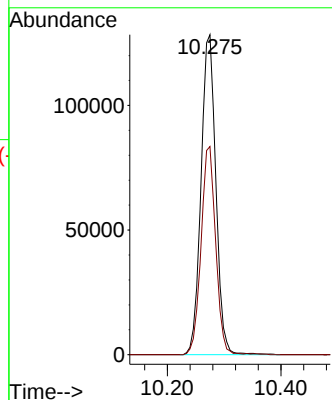
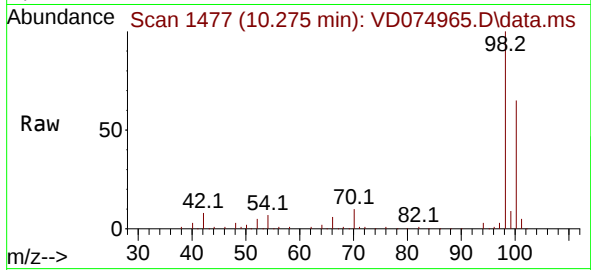




#50
Toluene-d8
Concen: 57.626 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

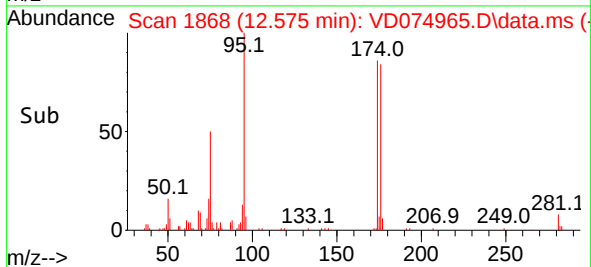
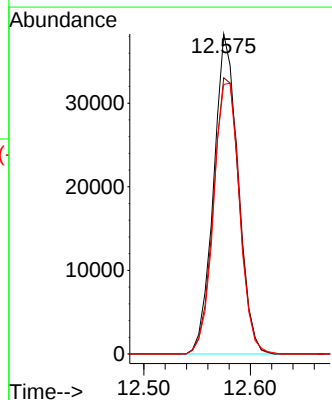
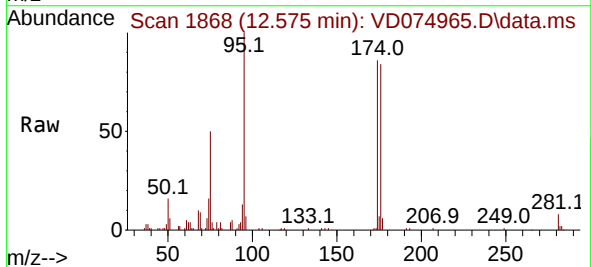
Instrument :
MSVOA_D
ClientSampleId :
B-2

Tgt Ion: 98 Resp: 232372
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.875 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

Tgt Ion: 95 Resp: 60518
Ion Ratio Lower Upper
95 100
174 93.3 0.0 197.0
176 90.2 0.0 182.6

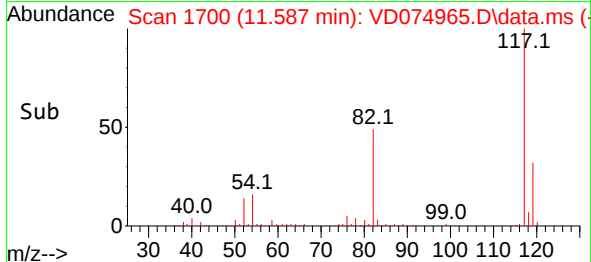
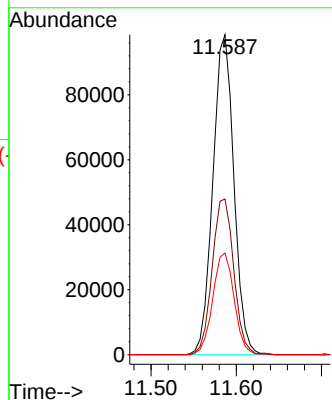
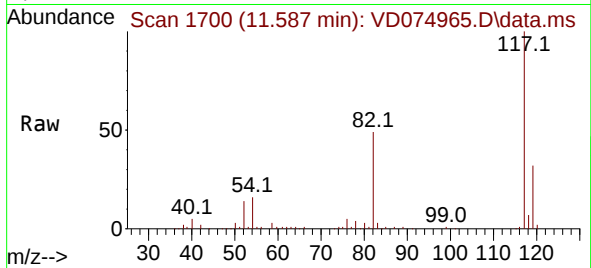




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

Instrument :
MSVOA_D
ClientSampleId :
B-2

Tgt Ion:117 Resp: 168751
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074965.D
Acq: 17 Nov 2022 13:12

Tgt Ion:152 Resp: 54096
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 152.9 0.0 348.2

