

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074943.D
 Acq On : 16 Nov 2022 12:34
 Operator : VA/SY
 Sample : VD1116SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115

Quant Time: Nov 17 00:20:04 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	125421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	221370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	198561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	82714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48733	59.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.240%
35) Dibromofluoromethane	7.805	113	59094	43.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.620%
50) Toluene-d8	10.269	98	205784	45.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.575	95	61087	44.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.520%

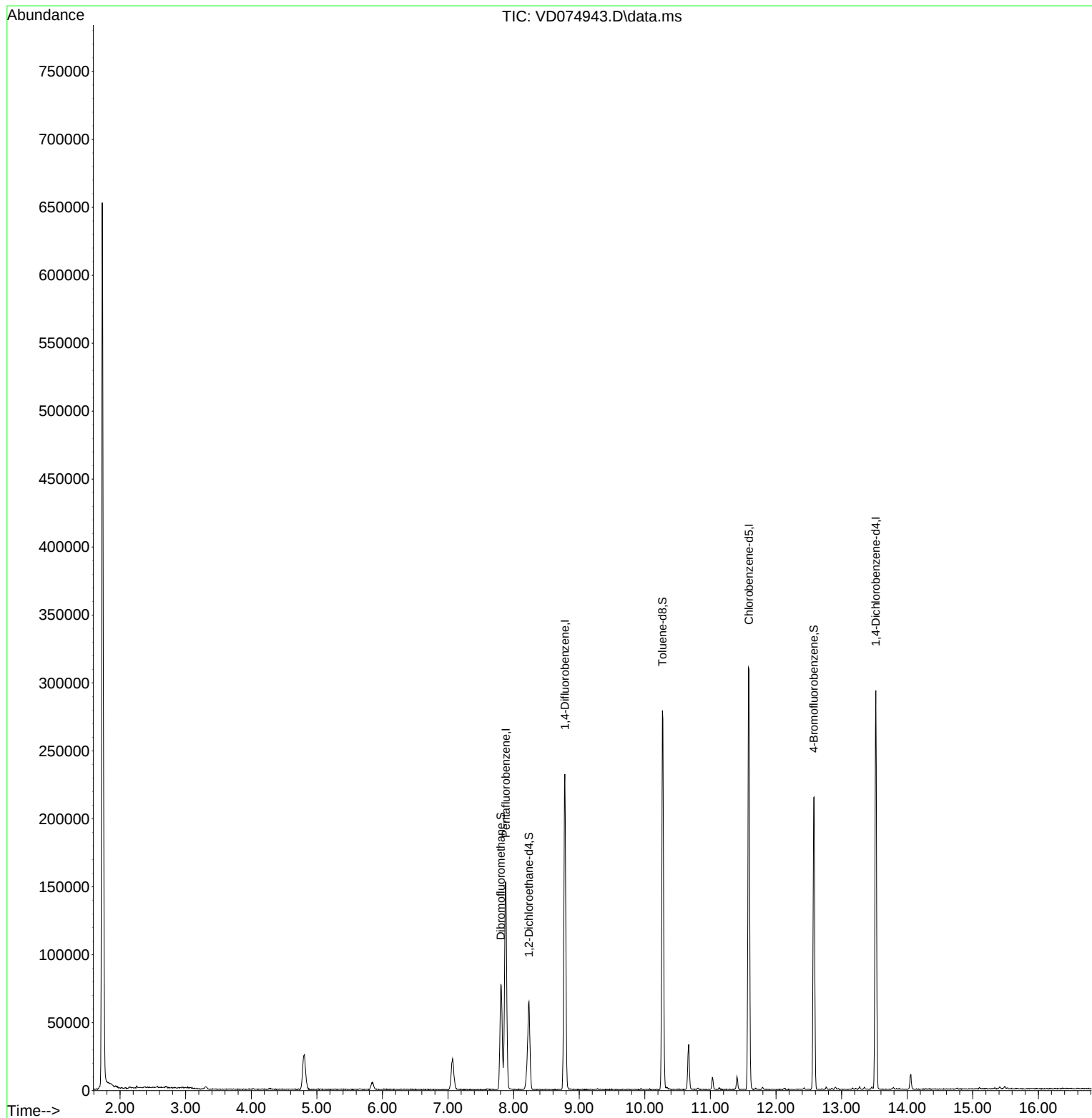
Target Compounds	Qvalue

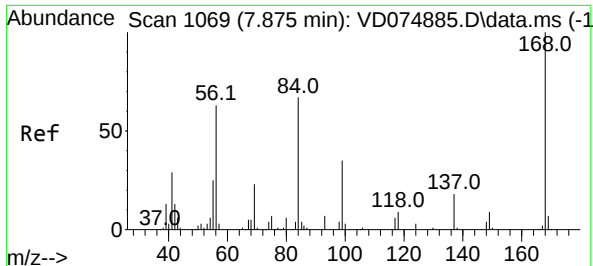
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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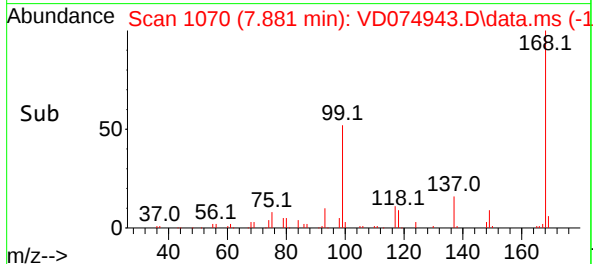
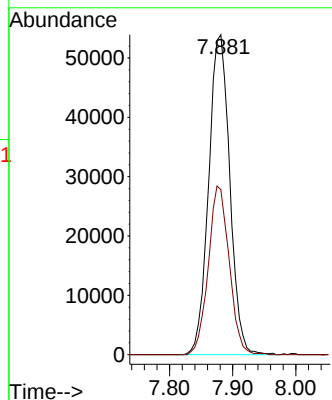
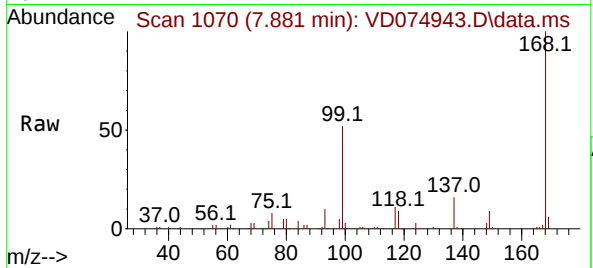




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074943.D
Acq: 16 Nov 2022 12:34

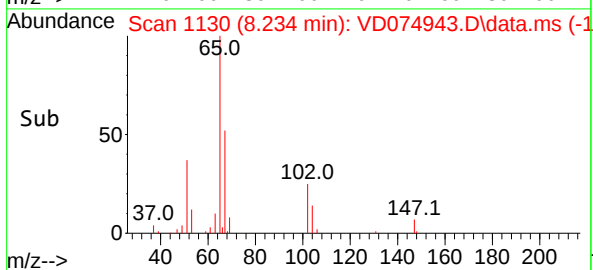
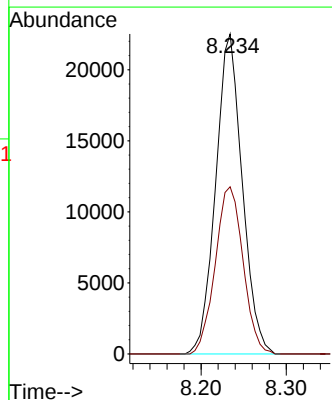
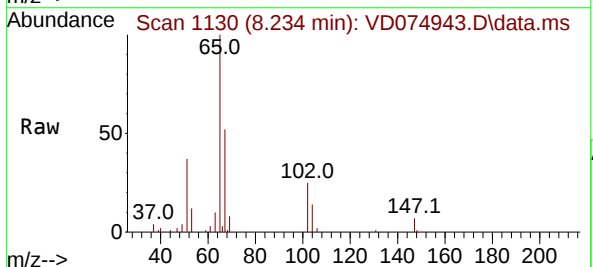
Instrument :
MSVOA_D
ClientSampleId :
VD1115

Tgt Ion:168 Resp: 125421
Ion Ratio Lower Upper
168 100
99 51.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 59.616 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074943.D
Acq: 16 Nov 2022 12:34

Tgt Ion: 65 Resp: 48733
Ion Ratio Lower Upper
65 100
67 54.7 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: VD074943.D

Acq: 16 Nov 2022 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD1115

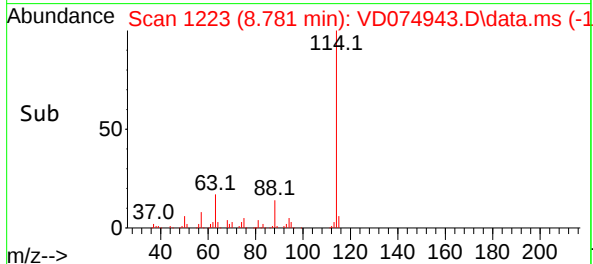
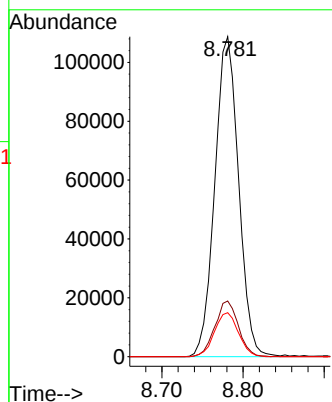
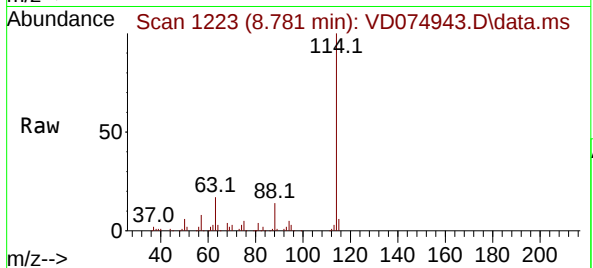
Tgt Ion:114 Resp: 221370

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 43.305 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074943.D

Acq: 16 Nov 2022 12:34

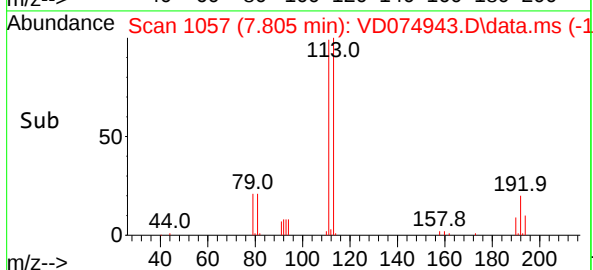
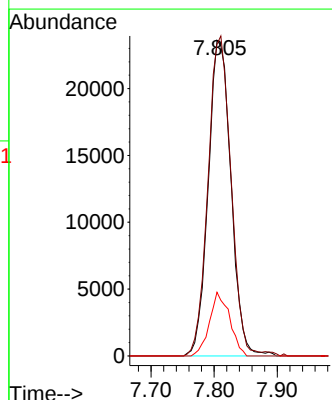
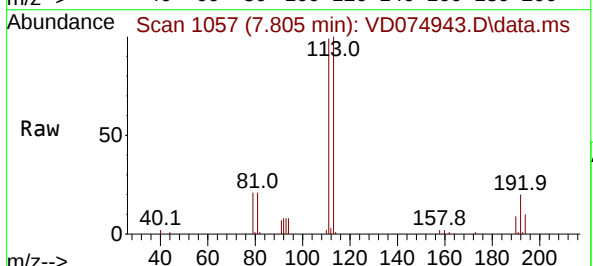
Tgt Ion:113 Resp: 59094

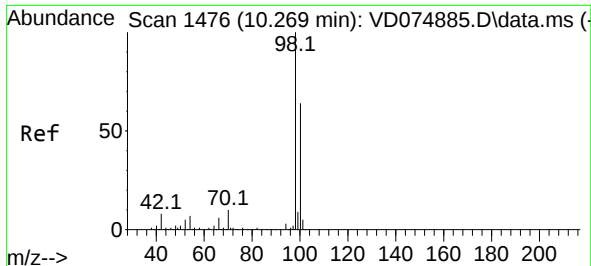
Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 17.9 16.4 24.6

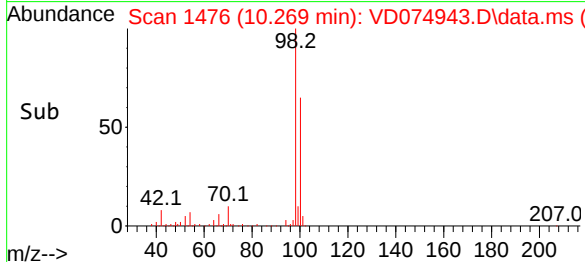
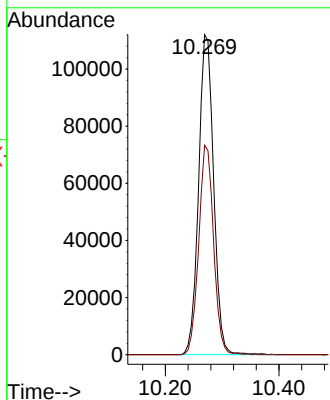
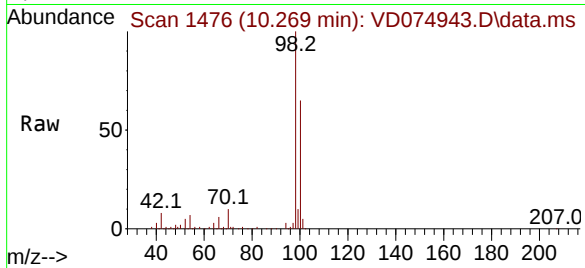




#50
Toluene-d8
Concen: 45.780 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074943.D
Acq: 16 Nov 2022 12:34

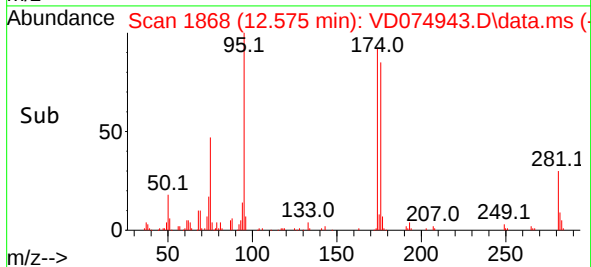
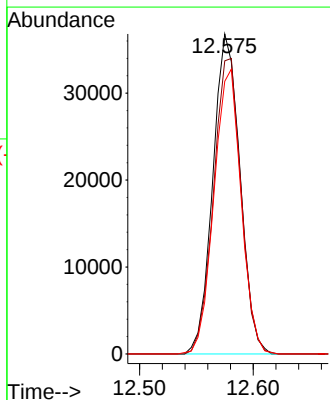
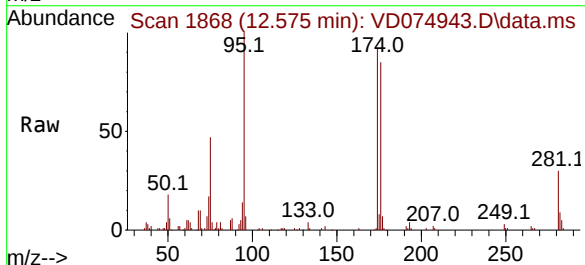
Instrument :
MSVOA_D
ClientSampleId :
VD1115

Tgt Ion: 98 Resp: 205784
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.257 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074943.D
Acq: 16 Nov 2022 12:34

Tgt Ion: 95 Resp: 61087
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.0
176 89.1 0.0 182.6

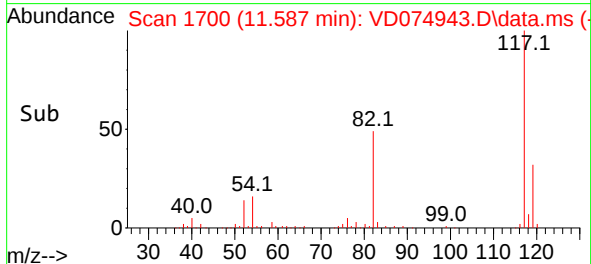
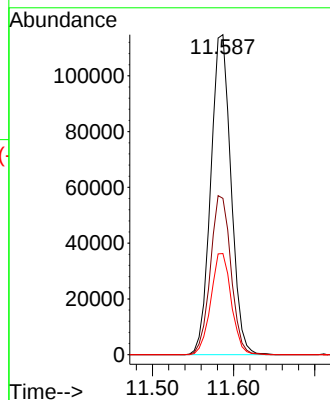
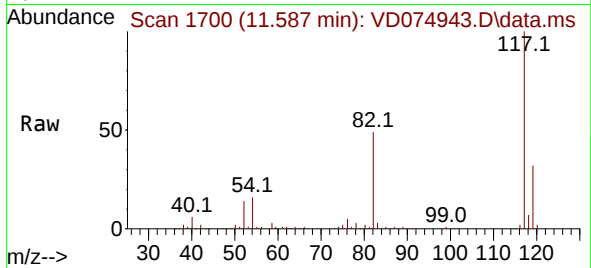




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074943.D
Acq: 16 Nov 2022 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD1115

Tgt Ion:117 Resp: 198561
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 31.6 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: VD074943.D
Acq: 16 Nov 2022 12:34

Tgt Ion:152 Resp: 82714
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 157.9 0.0 348.2

