

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078013.D
 Acq On : 21 Dec 2023 01:19
 Operator : RP/MD
 Sample : 05876-03
 Misc : 3.20G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLW7

Quant Time: Dec 21 05:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

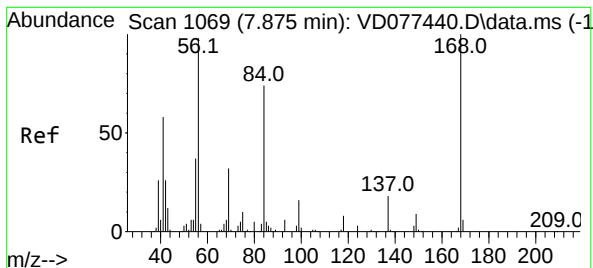
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	177767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	312842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77558	37.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.060%
35) Dibromofluoromethane	7.810	113	91597	41.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.600%
50) Toluene-d8	10.269	98	403891	46.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.575	95	111263	42.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.800%
Target Compounds						
67) Ethyl Benzene	11.681	91	18409	1.516	ug/l	99
68) m/p-Xylenes	11.804	106	8215	1.769	ug/l	92

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

Quant Time: Dec 21 05:33:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

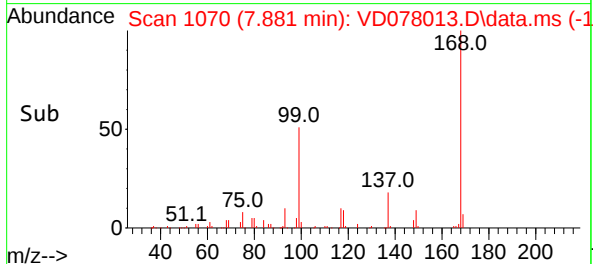
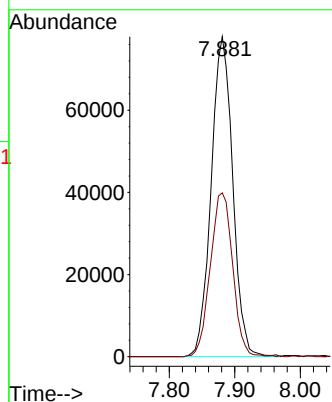
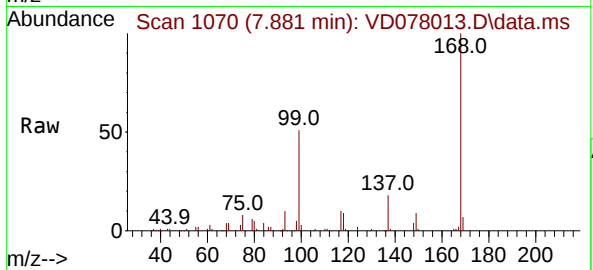




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

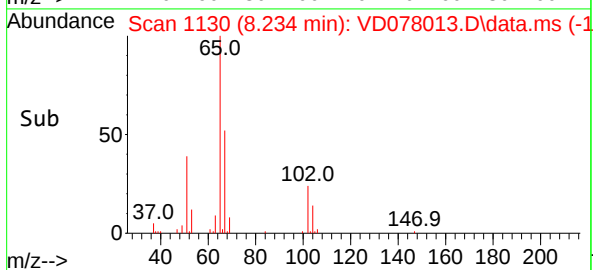
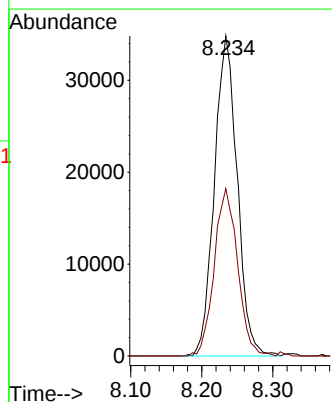
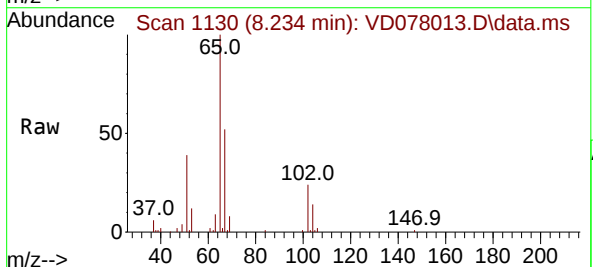
Instrument :
MSVOA_D
ClientSampleId :
COLW7

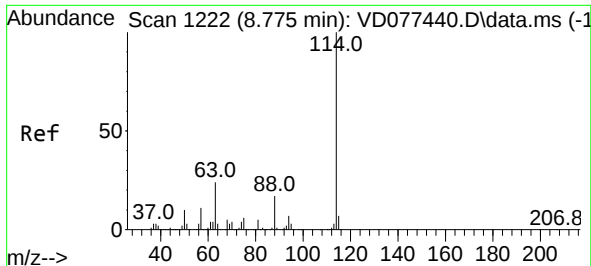
Tgt Ion:168 Resp: 177767
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 37.025 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

Tgt Ion: 65 Resp: 77558
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078013.D

Acq: 21 Dec 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

COLW7

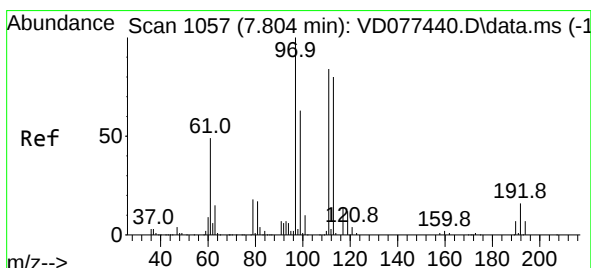
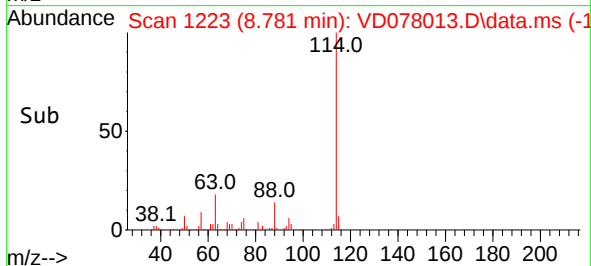
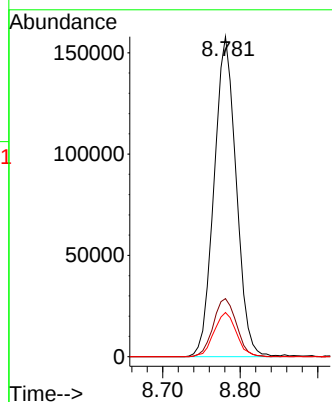
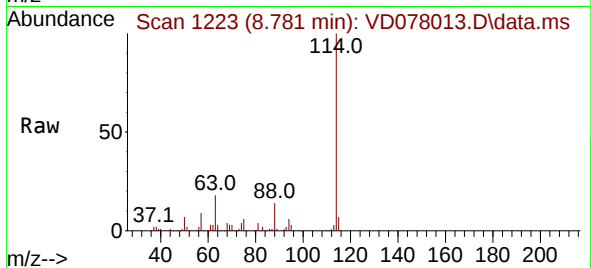
Tgt Ion:114 Resp: 312842

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.799 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078013.D

Acq: 21 Dec 2023 01:19

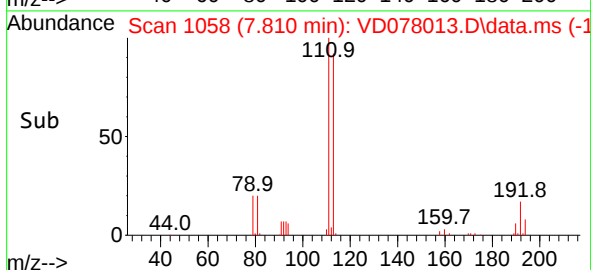
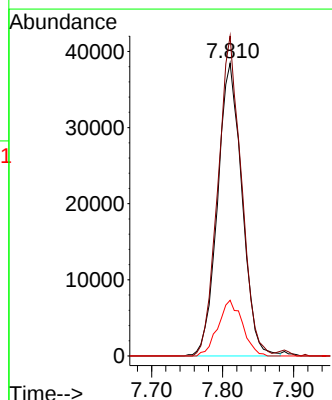
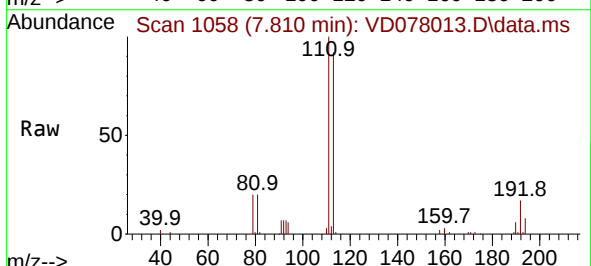
Tgt Ion:113 Resp: 91597

Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 19.0 16.8 25.2

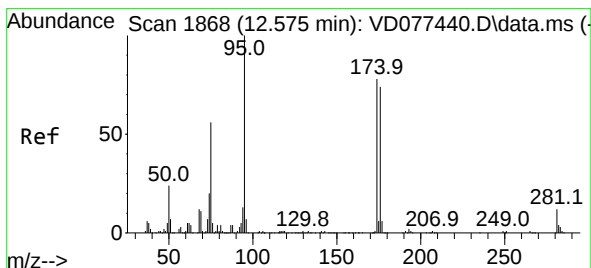
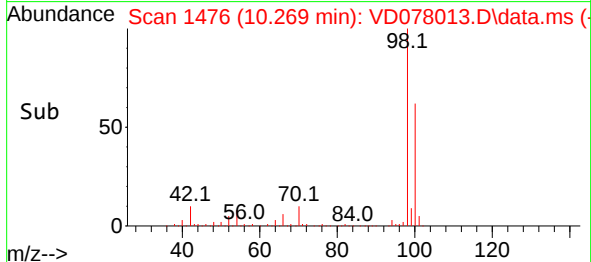
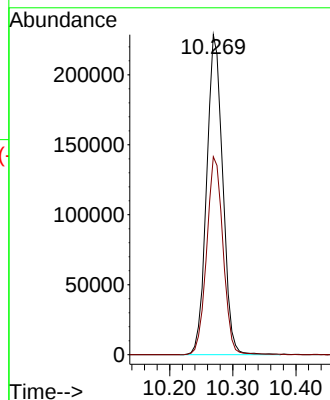
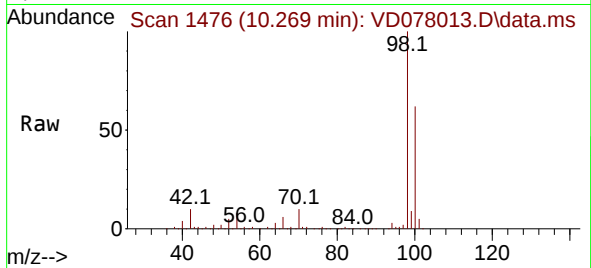




#50
Toluene-d8
Concen: 46.019 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

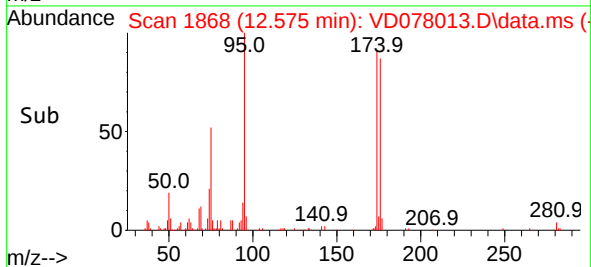
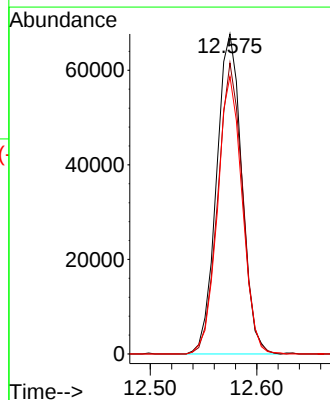
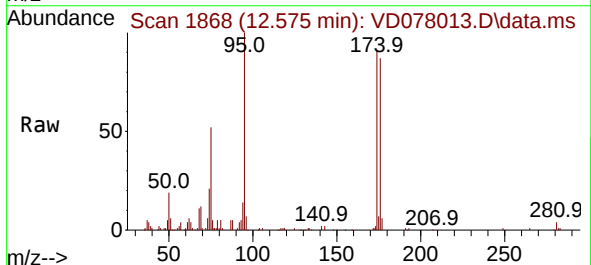
Instrument :
MSVOA_D
ClientSampleId :
COLW7

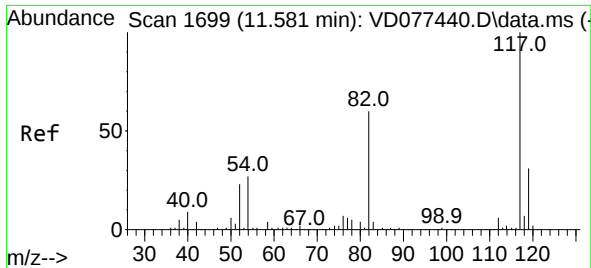
Tgt Ion: 98 Resp: 403891
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.402 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

Tgt Ion: 95 Resp: 111263
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 84.9 0.0 191.8

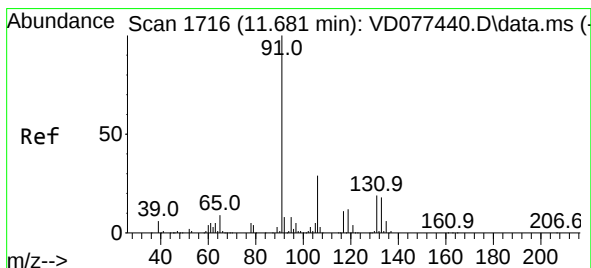
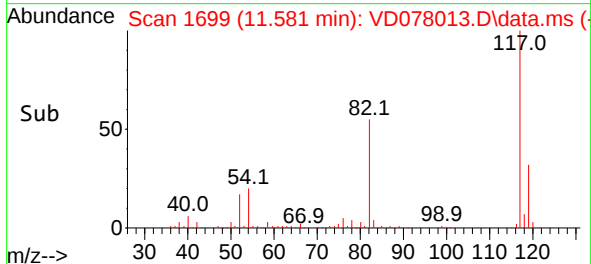
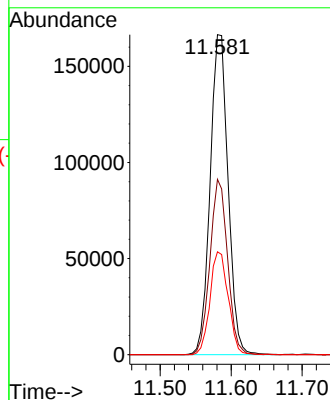
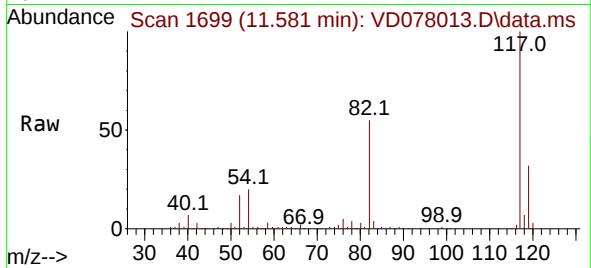




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

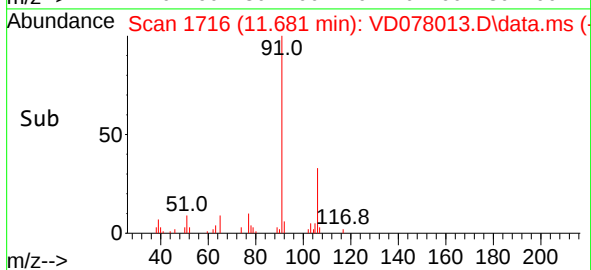
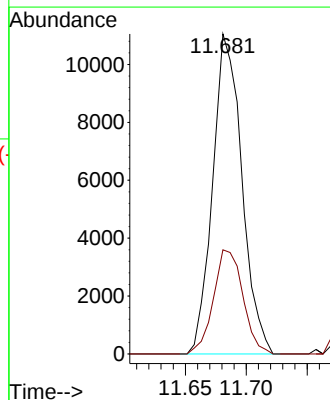
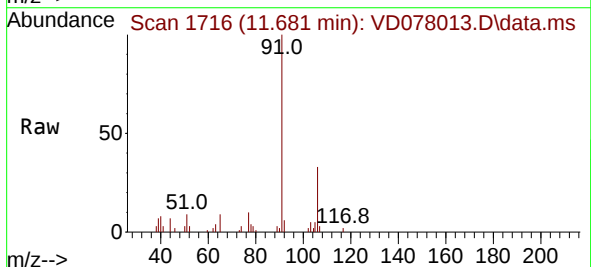
Instrument :
MSVOA_D
ClientSampleId :
COLW7

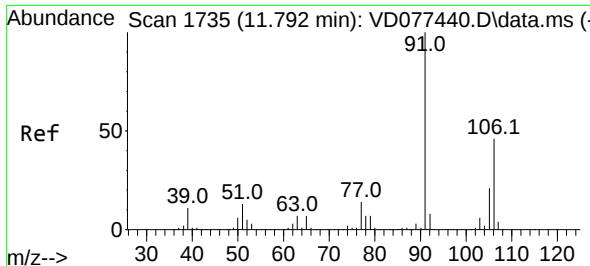
Tgt Ion:117 Resp: 291693
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 32.2 25.0 37.4



#67
Ethyl Benzene
Concen: 1.516 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

Tgt Ion: 91 Resp: 18409
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7

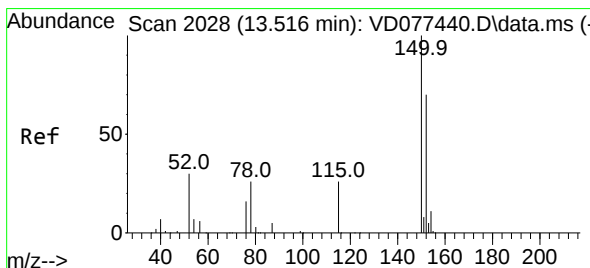
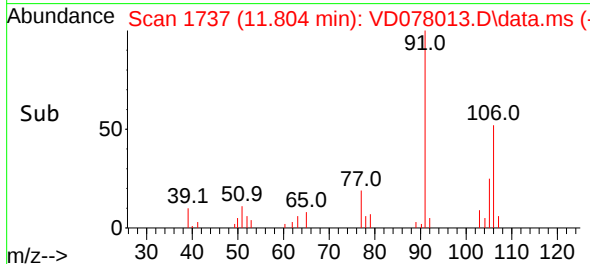
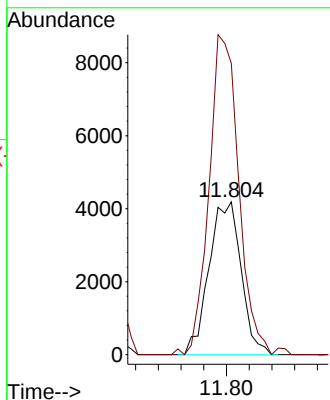
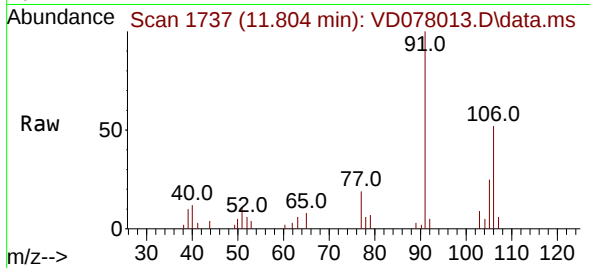




#68
m/p-Xylenes
Concen: 1.769 ug/l
RT: 11.804 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

Instrument :
MSVOA_D
ClientSampleId :
COLW7

Tgt Ion:106 Resp: 8215
Ion Ratio Lower Upper
106 100
91 194.9 147.0 220.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078013.D
Acq: 21 Dec 2023 01:19

Tgt Ion:152 Resp: 129772
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 153.8 0.0 353.6

