

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076998.D
 Acq On : 14 Aug 2023 13:49
 Operator : JC/SY
 Sample : 03971-07
 Misc : 4.95G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-05

Quant Time: Aug 14 14:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

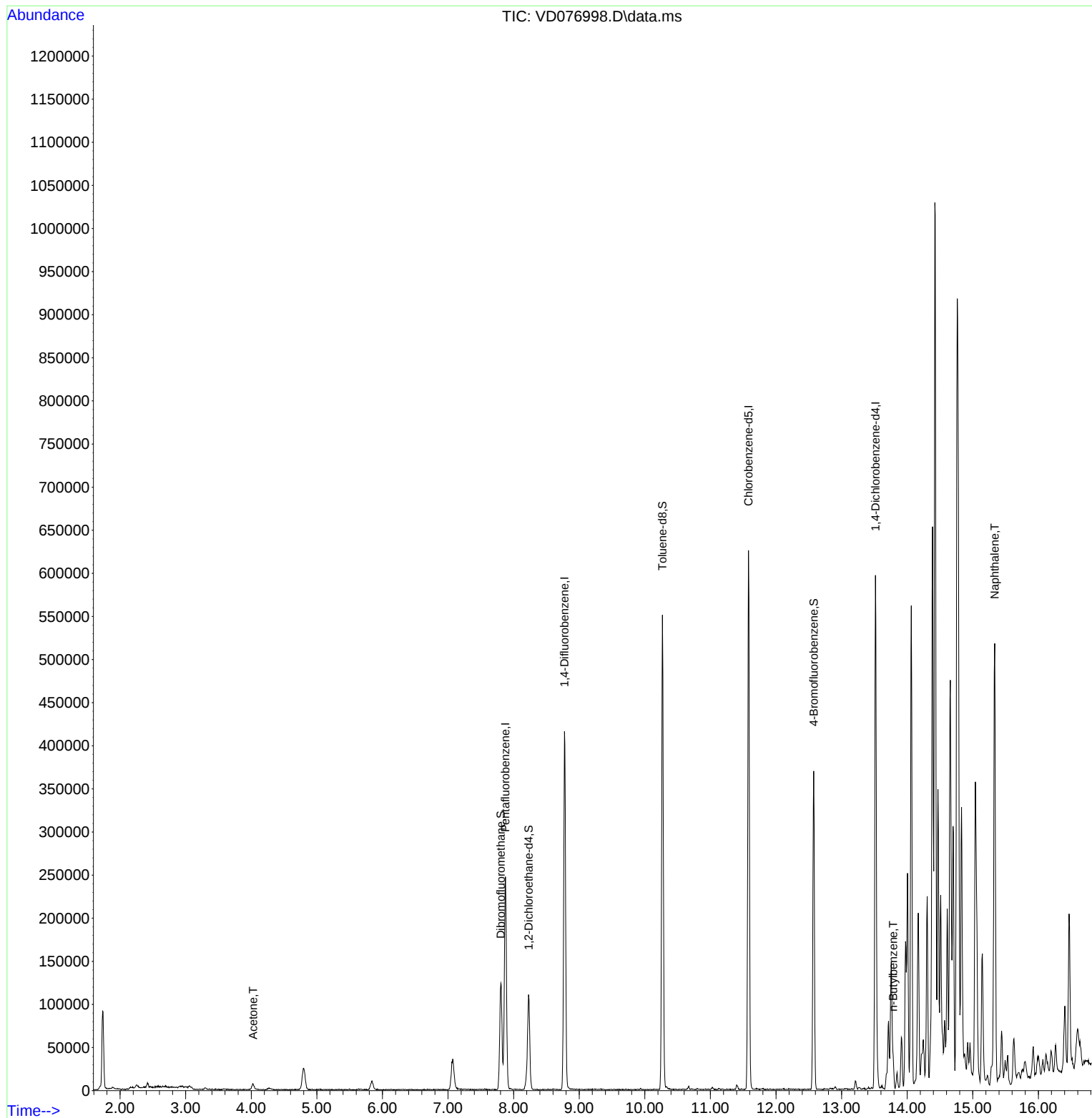
Internal Standards						
1) Pentafluorobenzene	7.875	168	192450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	385530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84123	55.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.820%
35) Dibromofluoromethane	7.805	113	93560	45.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.269	98	384008	57.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.360%
62) 4-Bromofluorobenzene	12.575	95	111268	47.811	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.620%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	10582	21.223	ug/l #	84
89) n-Butylbenzene	13.787	91	16487	1.837	ug/l #	70
95) Naphthalene	15.334	128	453697	79.207	ug/l	99

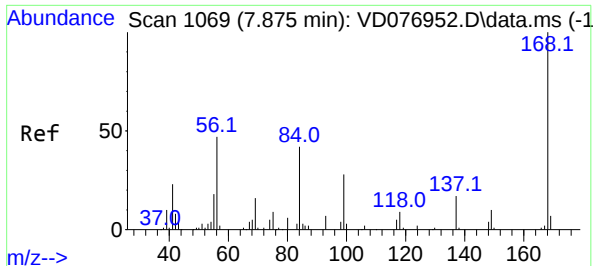
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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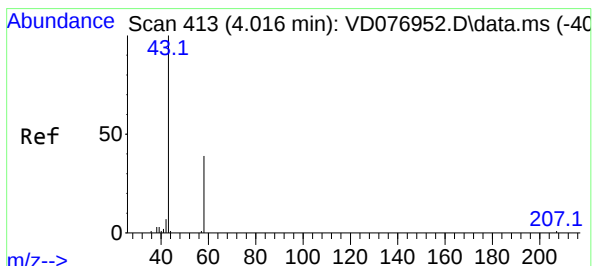
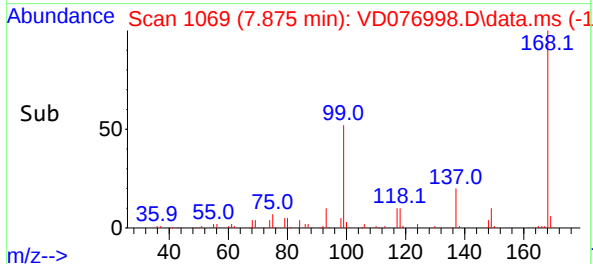
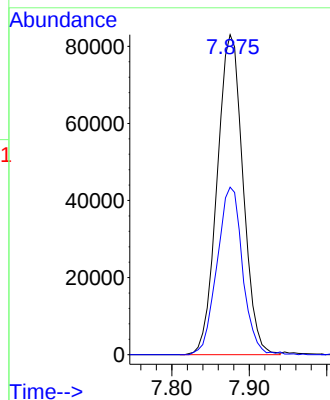
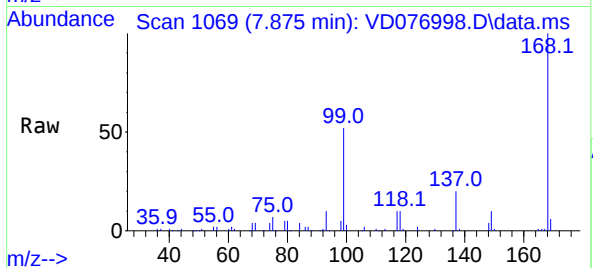




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

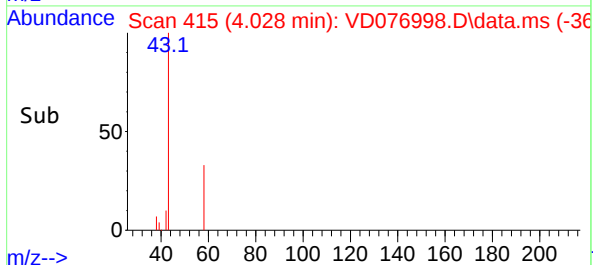
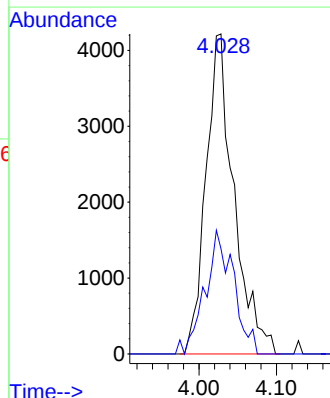
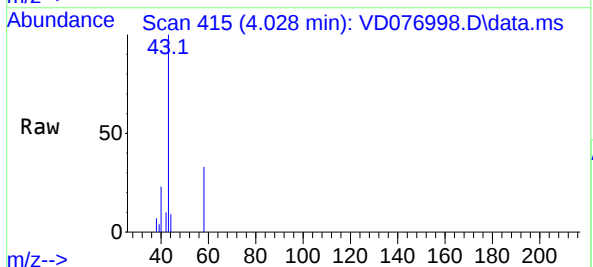
Instrument :
MSVOA_D
ClientSampleId :
DUP-05

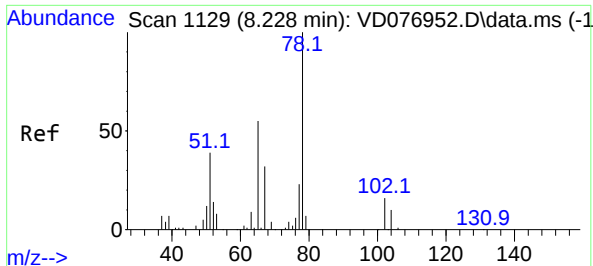
Tgt Ion:168 Resp: 192450
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#16
Acetone
Concen: 21.223 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

Tgt Ion: 43 Resp: 10582
Ion Ratio Lower Upper
43 100
58 32.8 34.7 52.1#

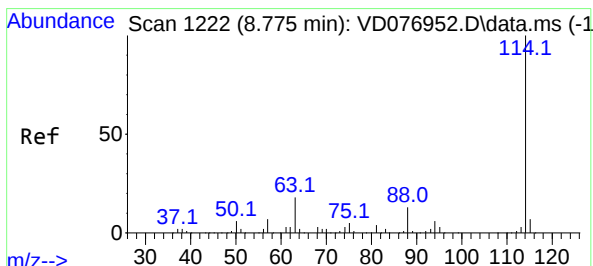
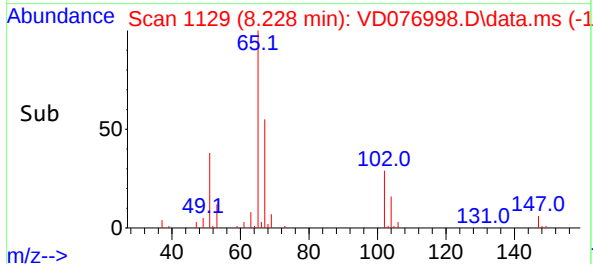
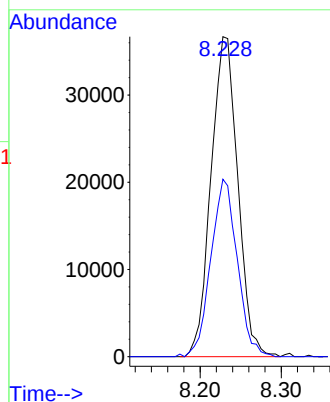
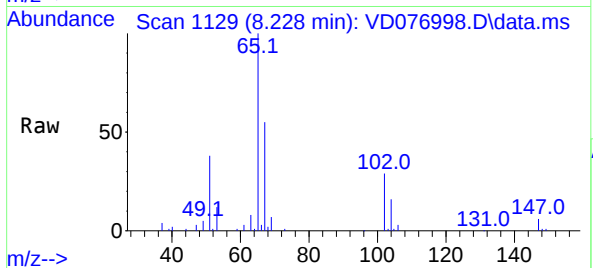




#33
1,2-Dichloroethane-d4
Concen: 55.411 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

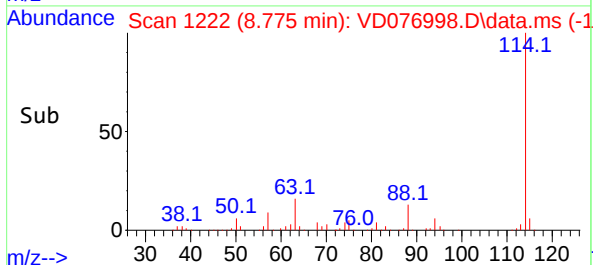
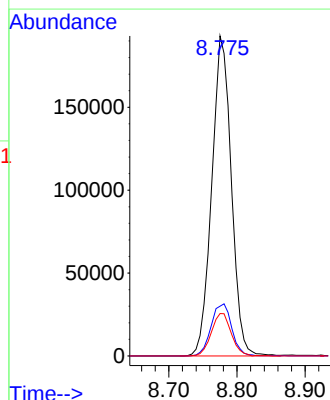
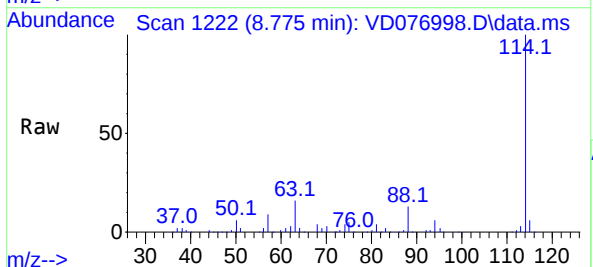
Instrument :
MSVOA_D
ClientSampleId :
DUP-05

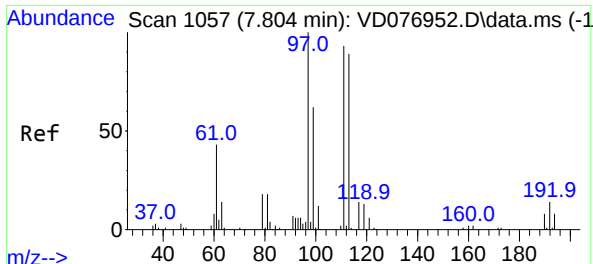
Tgt Ion: 65 Resp: 84123
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

Tgt Ion:114 Resp: 385530
Ion Ratio Lower Upper
114 100
63 15.6 0.0 33.4
88 13.3 0.0 26.2

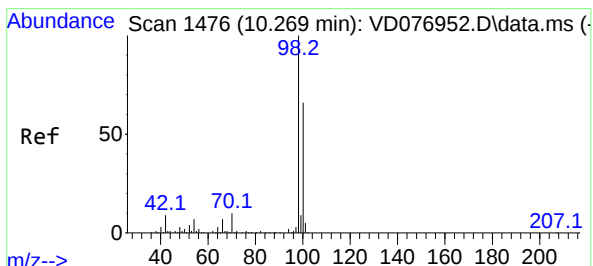
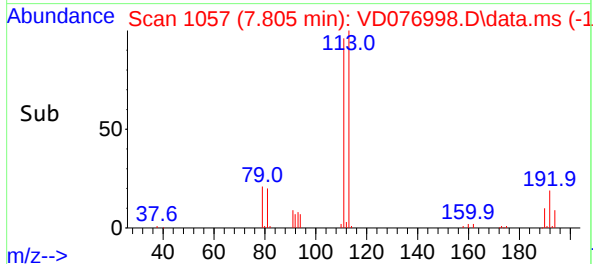
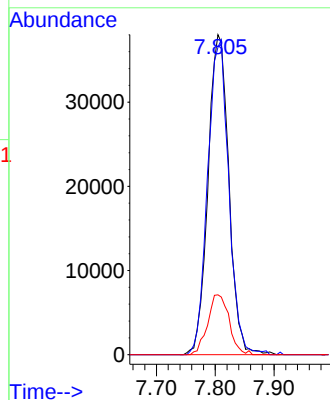
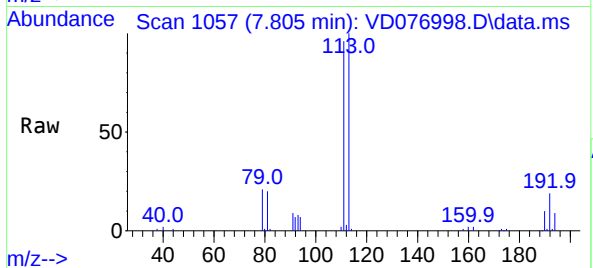




#35
Dibromofluoromethane
Concen: 45.140 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

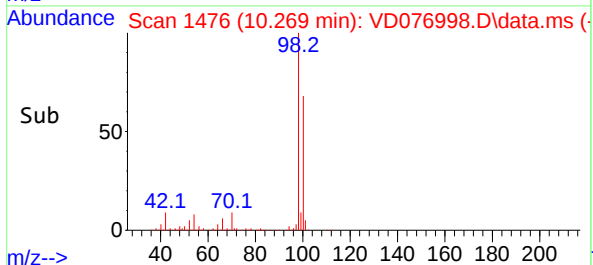
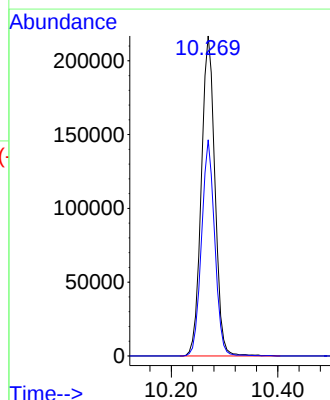
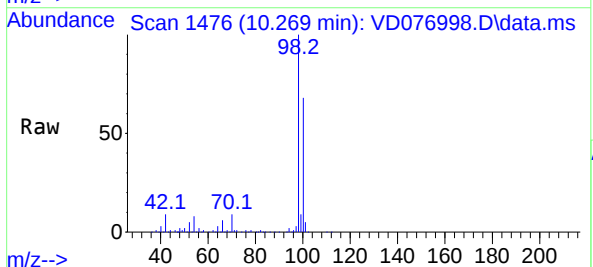
Instrument :
MSVOA_D
ClientSampleId :
DUP-05

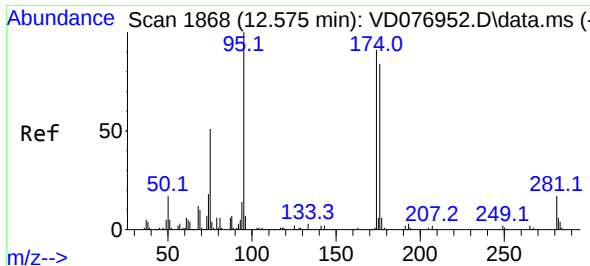
Tgt Ion:113 Resp: 93560
Ion Ratio Lower Upper
113 100
111 99.4 84.7 127.1
192 19.3 16.8 25.2



#50
Toluene-d8
Concen: 57.684 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

Tgt Ion: 98 Resp: 384008
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

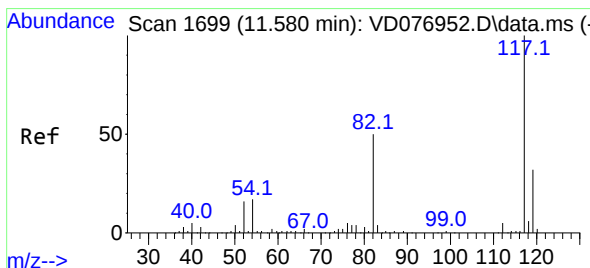
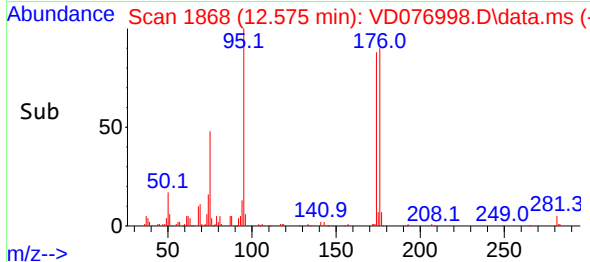
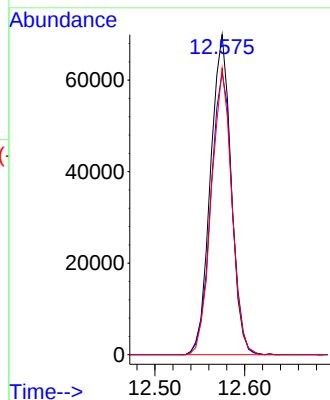
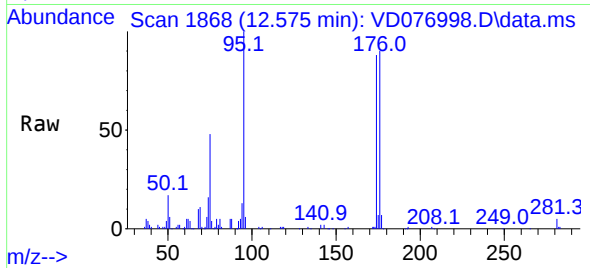




#62
4-Bromofluorobenzene
Concen: 47.811 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

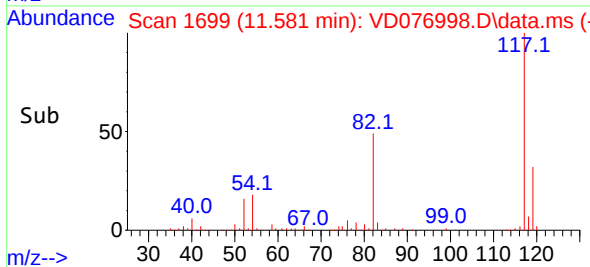
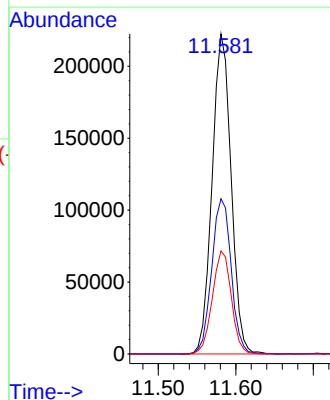
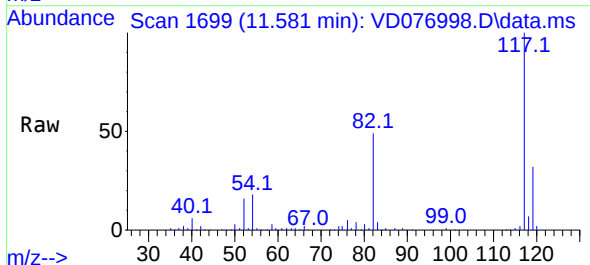
Instrument :
MSVOA_D
ClientSampleId :
DUP-05

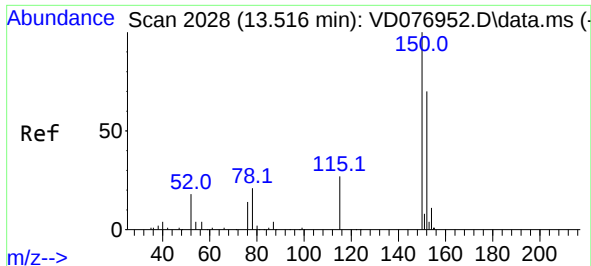
Tgt Ion: 95 Resp: 111268
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 88.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

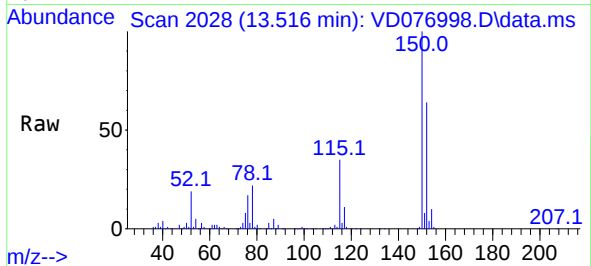
Tgt Ion: 117 Resp: 378765
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 32.2 25.0 37.4



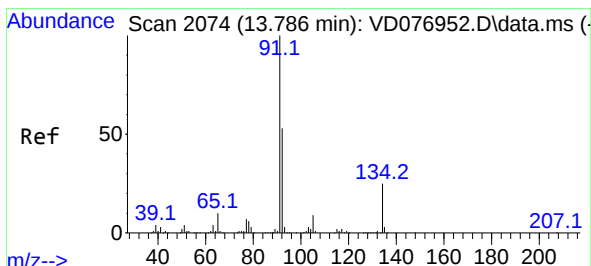
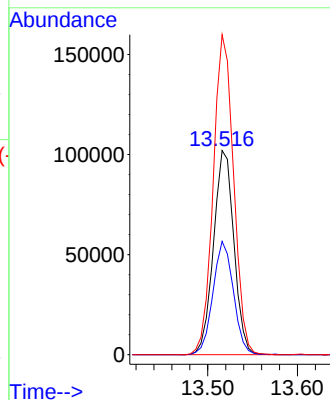
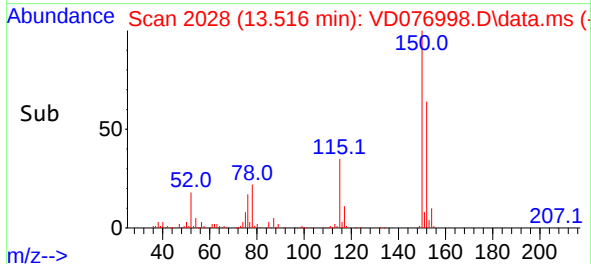


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49

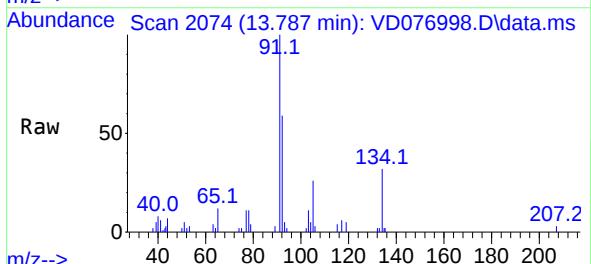
Instrument :
MSVOA_D
ClientSampleId :
DUP-05



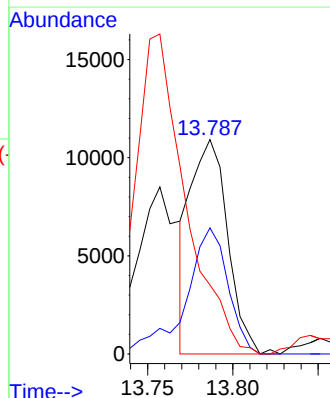
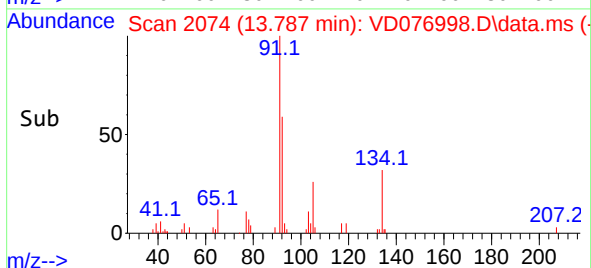
Tgt Ion:152 Resp: 161248
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 156.6 0.0 353.6

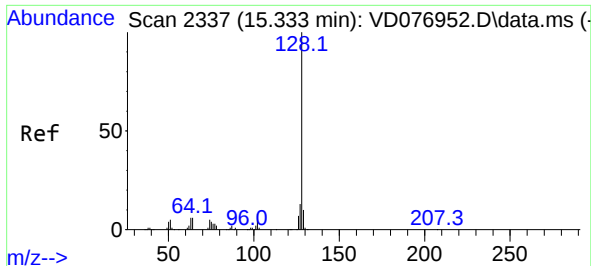


#89
n-Butylbenzene
Concen: 1.837 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD076998.D
Acq: 14 Aug 2023 13:49



Tgt Ion: 91 Resp: 16487
Ion Ratio Lower Upper
91 100
92 66.5 26.5 79.5
134 0.0 13.8 41.3#





#95

Naphthalene

Concen: 79.207 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD076998.D

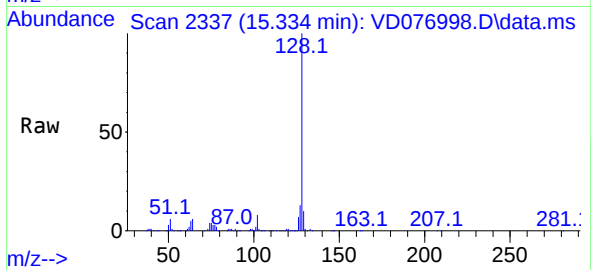
Acq: 14 Aug 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

DUP-05



Tgt Ion:128 Resp: 453697

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.3 8.7 13.1

