

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072628.D
 Acq On : 19 Apr 2022 16:47
 Operator : VA/SY
 Sample : N2445-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 282

Quant Time: Apr 20 05:04:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

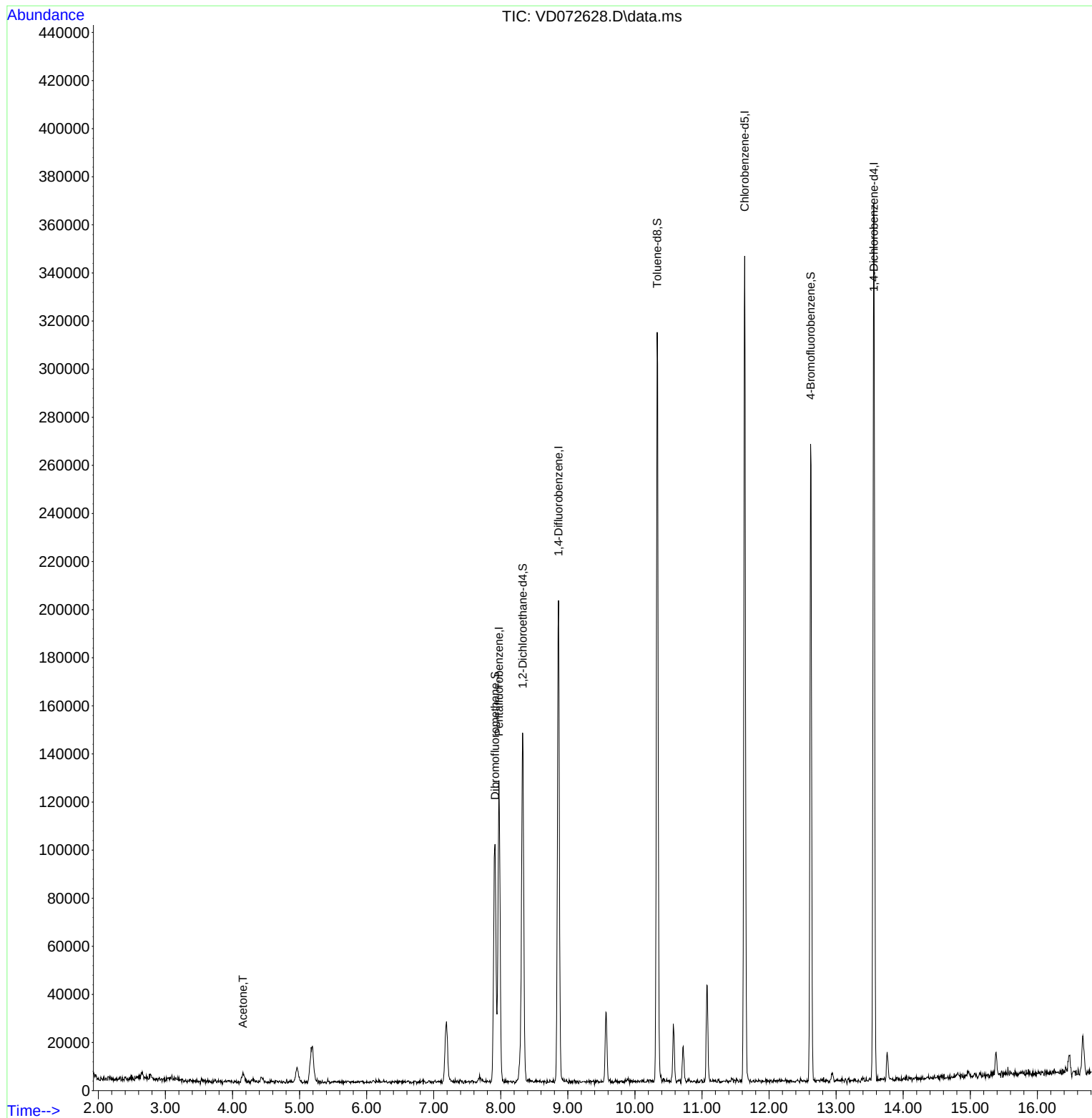
Internal Standards						
1) Pentafluorobenzene	7.973	168	85729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	169635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	202036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	114200	110.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 220.240%#	
35) Dibromofluoromethane	7.914	113	77575	58.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.680%	
50) Toluene-d8	10.332	98	213587	46.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.620	95	89839	50.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.400%	
Target Compounds						
16) Acetone	4.156	43	6209	32.108	ug/l	Qvalue 98

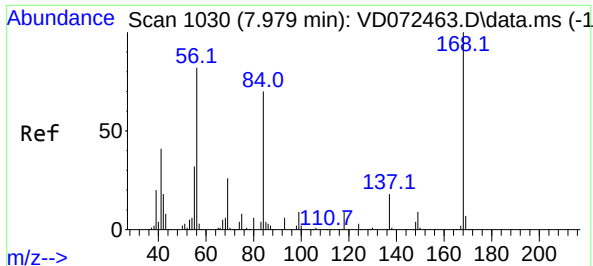
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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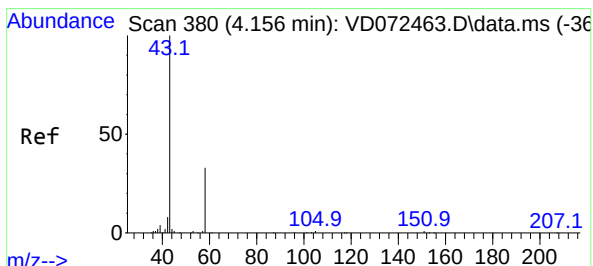
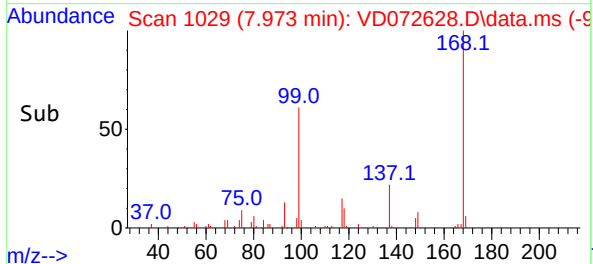
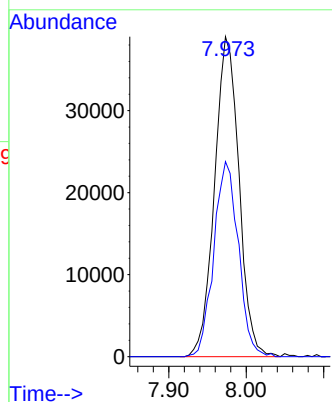
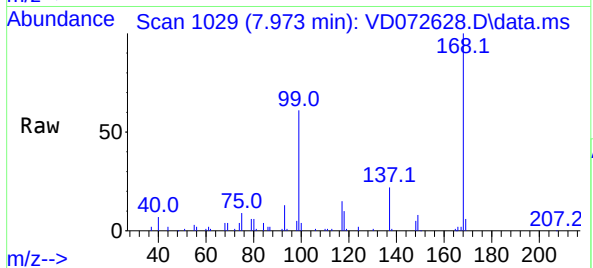




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

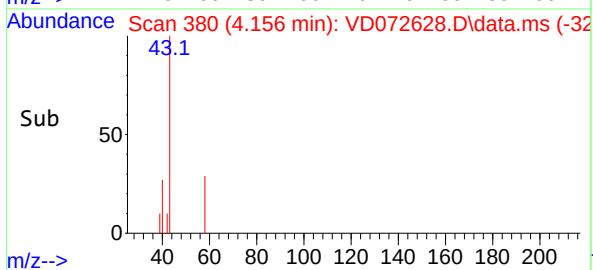
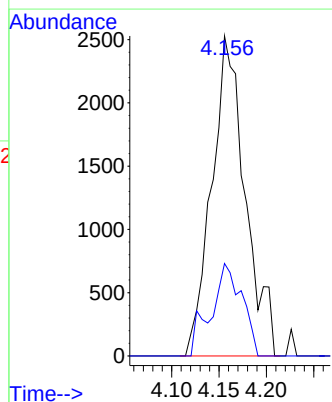
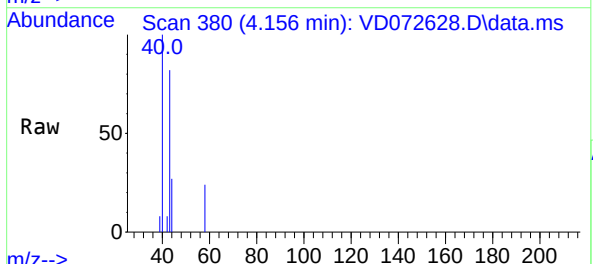
Instrument :
MSVOA_D
ClientSampleId :
282

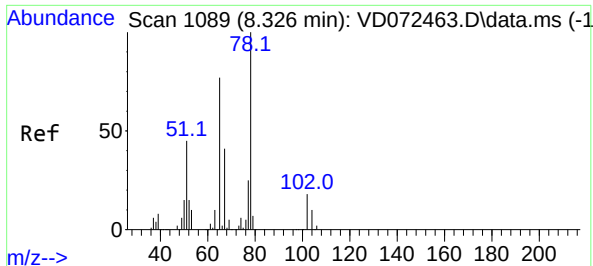
Tgt Ion:168 Resp: 85729
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#16
Acetone
Concen: 32.108 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

Tgt Ion: 43 Resp: 6209
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 110.119 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072628.D

Acq: 19 Apr 2022 16:47

Instrument :

MSVOA_D

ClientSampleId :

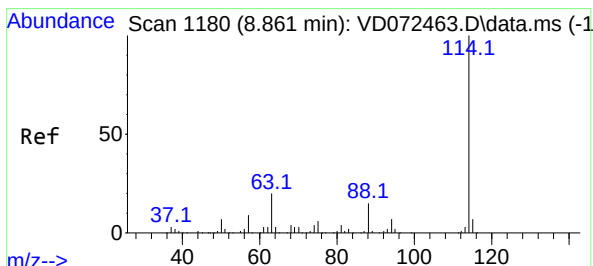
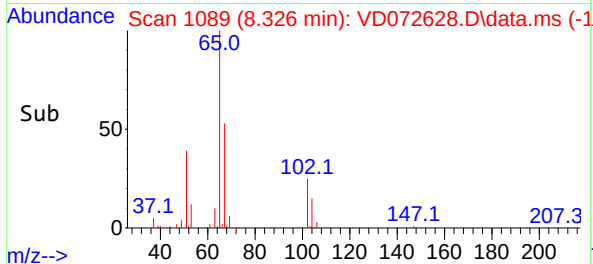
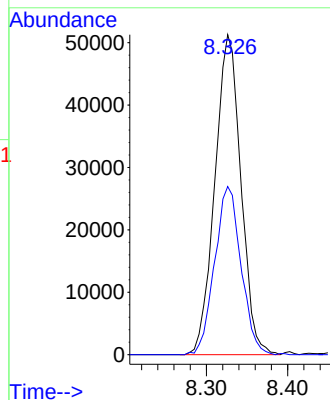
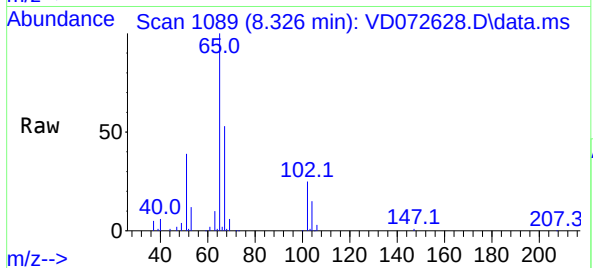
282

Tgt Ion: 65 Resp: 114200

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072628.D

Acq: 19 Apr 2022 16:47

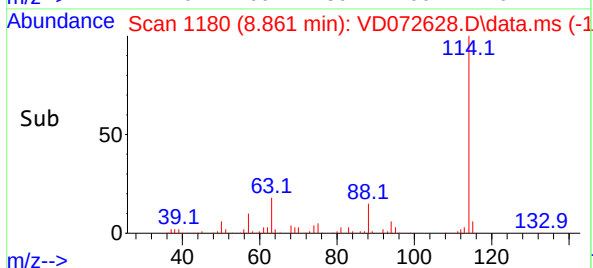
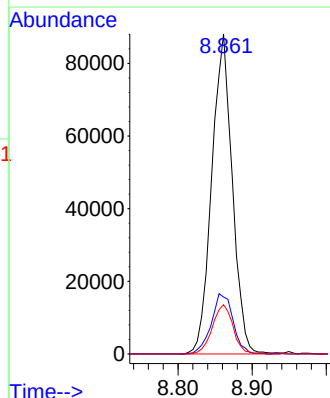
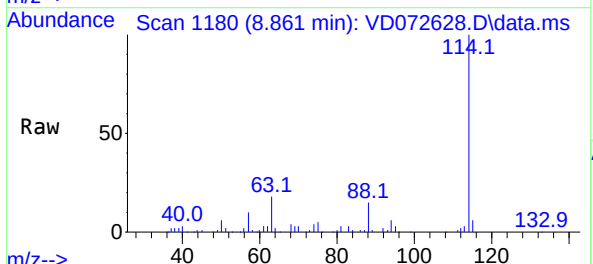
Tgt Ion:114 Resp: 169635

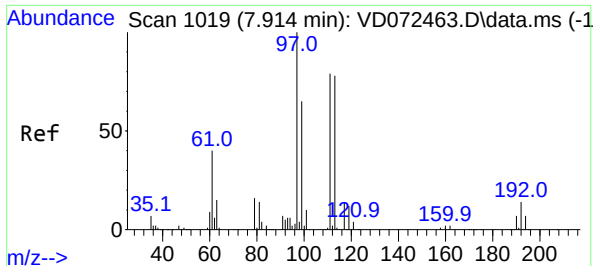
Ion Ratio Lower Upper

114 100

63 17.8 0.0 46.6

88 15.4 0.0 33.2

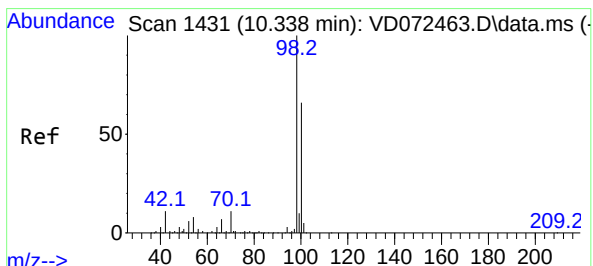
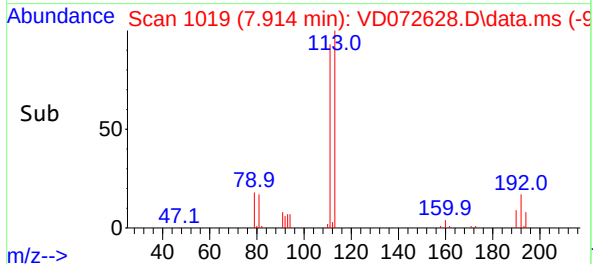
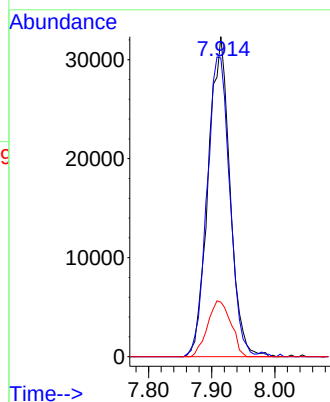
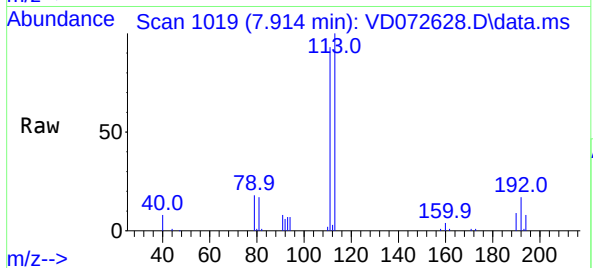




#35
Dibromofluoromethane
Concen: 58.845 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

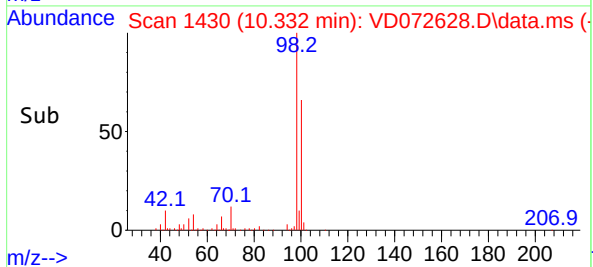
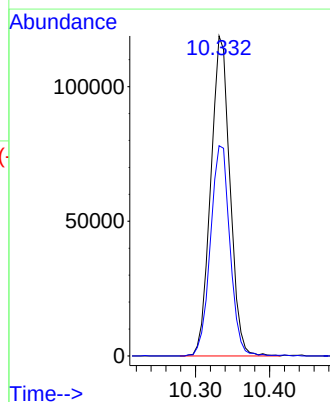
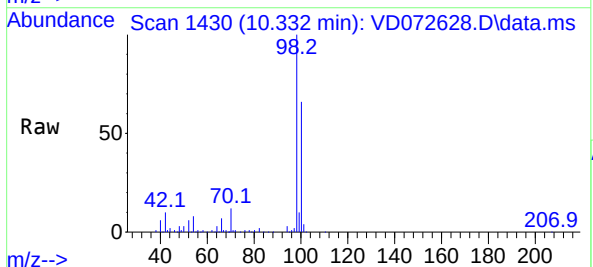
Instrument :
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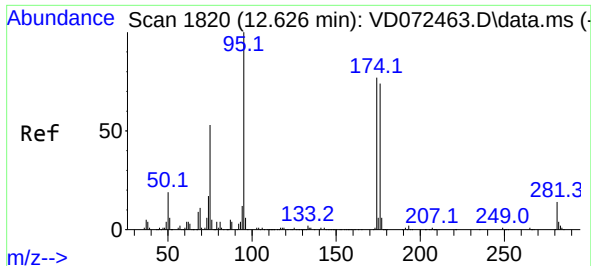
Tgt Ion:113 Resp: 77575
Ion Ratio Lower Upper
113 100
111 97.4 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 46.609 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

Tgt Ion: 98 Resp: 213587
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

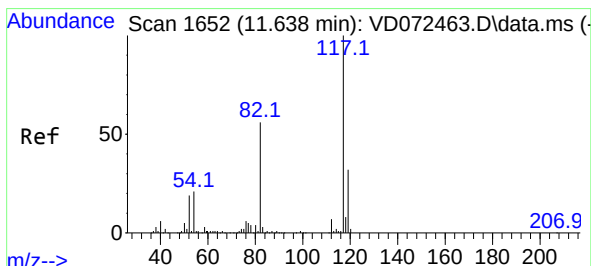
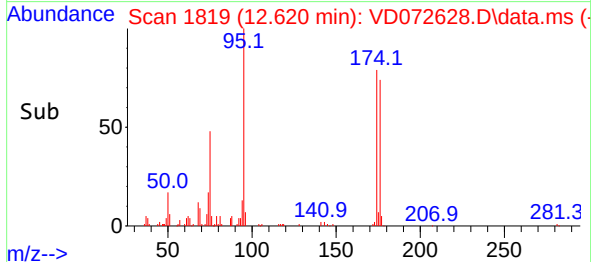
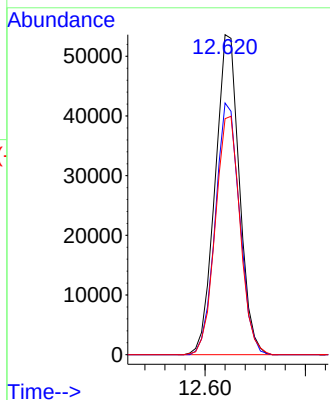
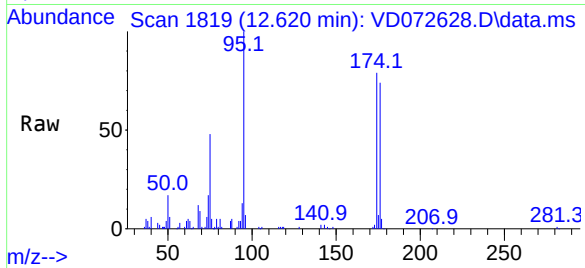




#62
4-Bromofluorobenzene
Concen: 50.199 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

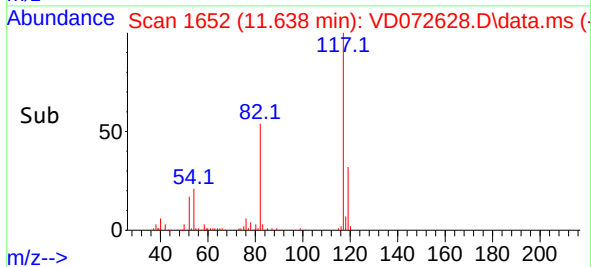
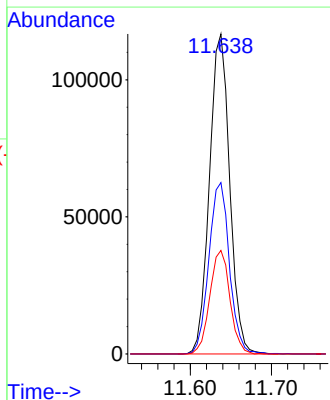
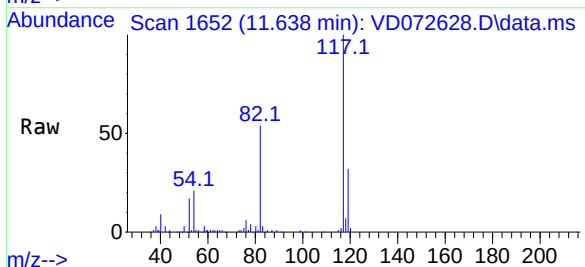
Instrument :
MSVOA_D
ClientSampleId :
282

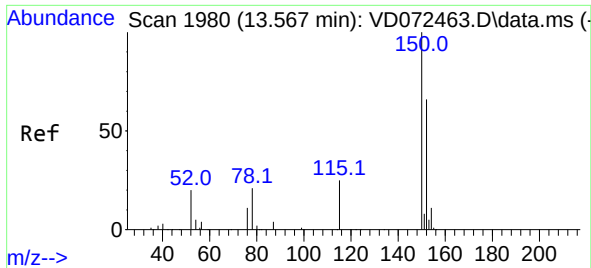
Tgt Ion: 95 Resp: 89839
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072628.D
Acq: 19 Apr 2022 16:47

Tgt Ion: 117 Resp: 202036
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072628.D

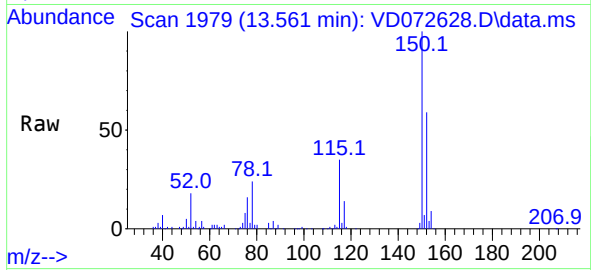
Acq: 19 Apr 2022 16:47

Instrument :

MSVOA_D

ClientSampleId :

282



Tgt Ion:152 Resp: 99534

Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 158.3 0.0 348.6

