

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072109.D
 Acq On : 25 Feb 2022 19:23
 Operator : VA/SY
 Sample : N1663-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-022422RE

Quant Time: Feb 26 05:44:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

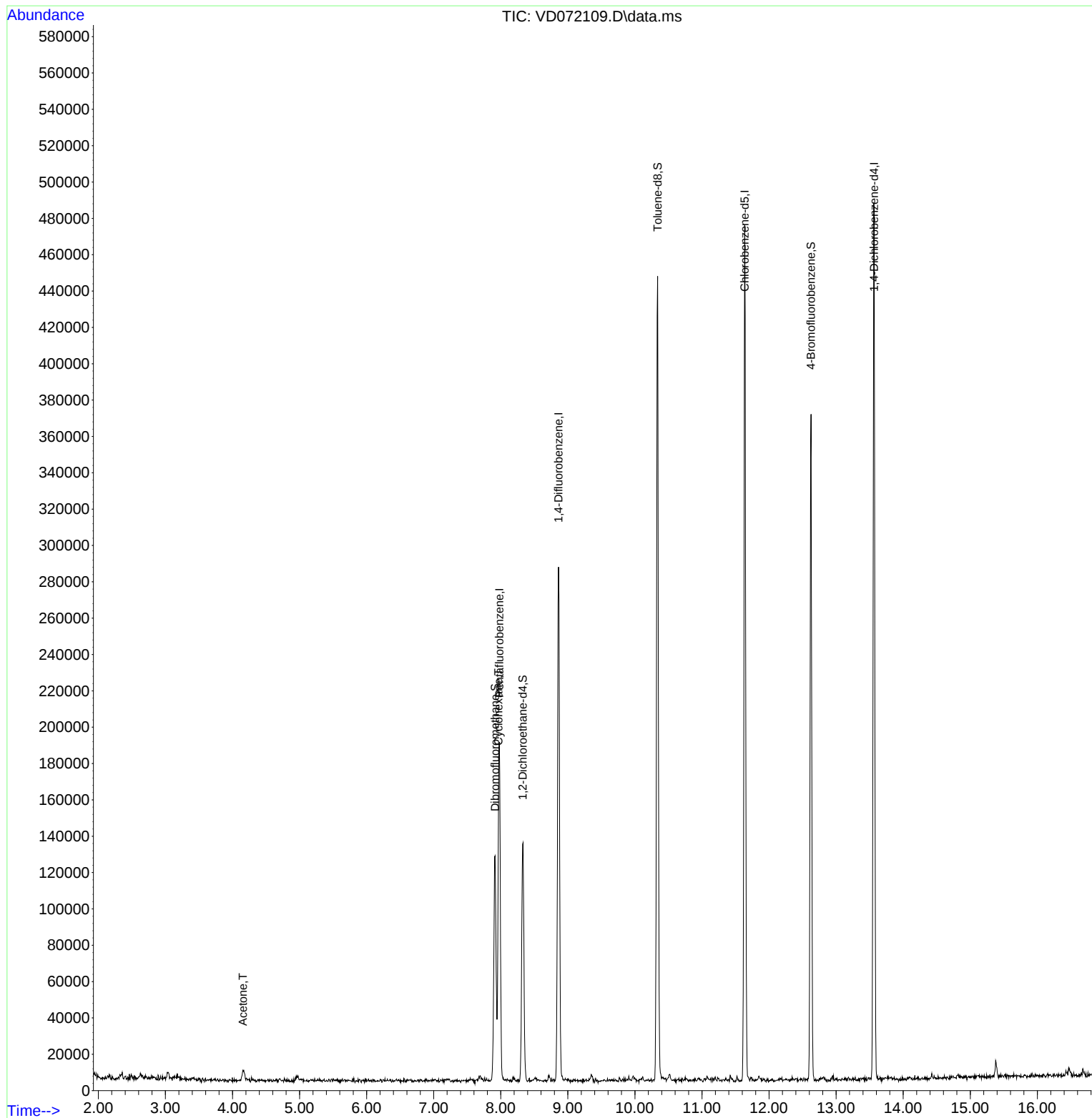
Internal Standards						
1) Pentafluorobenzene	7.979	168	139300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	246145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	268061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	131298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	107733	74.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.120%	
35) Dibromofluoromethane	7.914	113	91265	61.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.400%	
50) Toluene-d8	10.338	98	306593	55.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.880%	
62) 4-Bromofluorobenzene	12.626	95	124211	61.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.280%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	10239	32.788	ug/l	94
31) Cyclohexane	7.967	56	3723	1.459	ug/l #	64

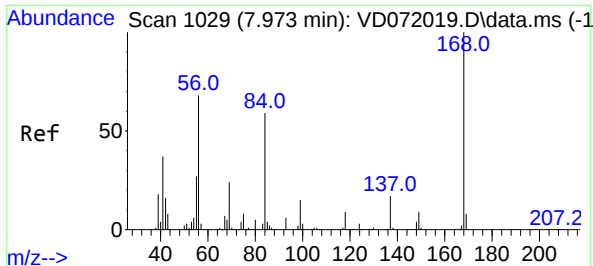
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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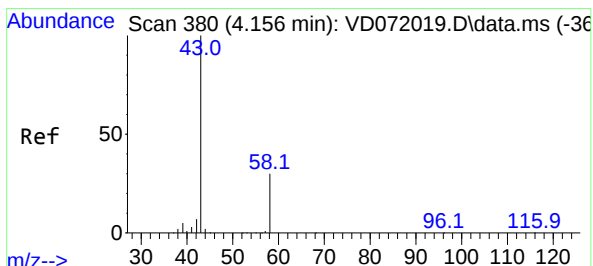
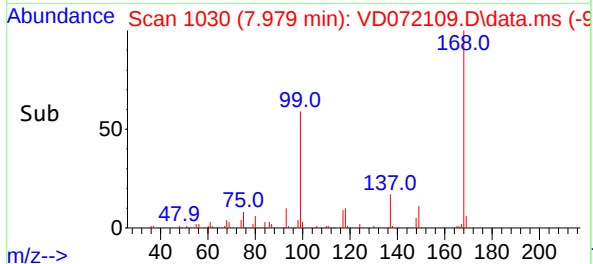
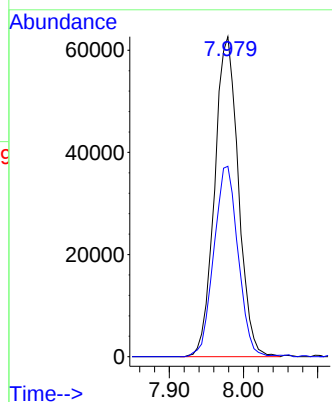
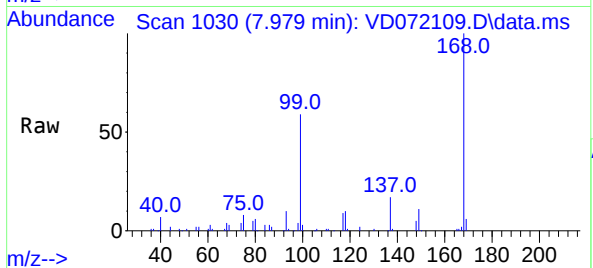




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

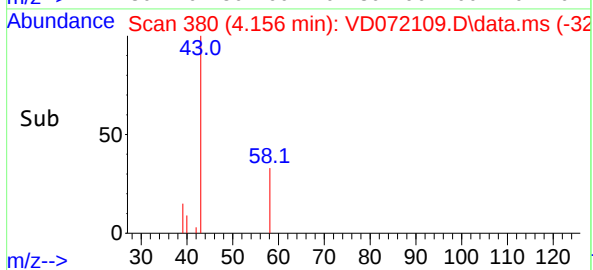
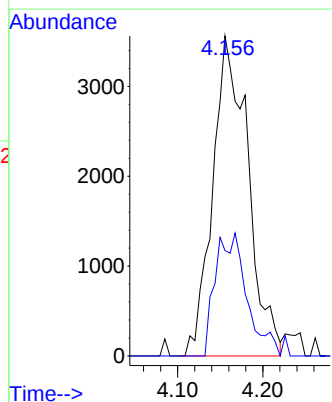
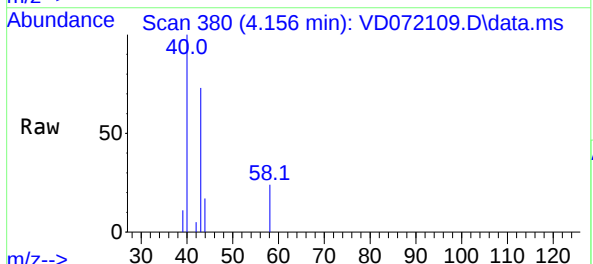
Instrument :
MSVOA_D
ClientSampleId :
CL-02-022422RE

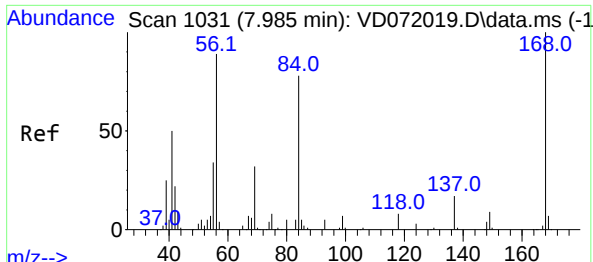
Tgt Ion:168 Resp: 139300
Ion Ratio Lower Upper
168 100
99 59.5 47.1 70.7



#16
Acetone
Concen: 32.788 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

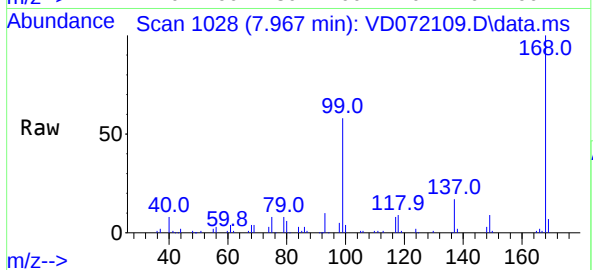
Tgt Ion: 43 Resp: 10239
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.6



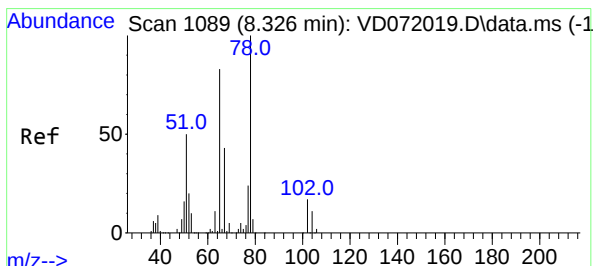
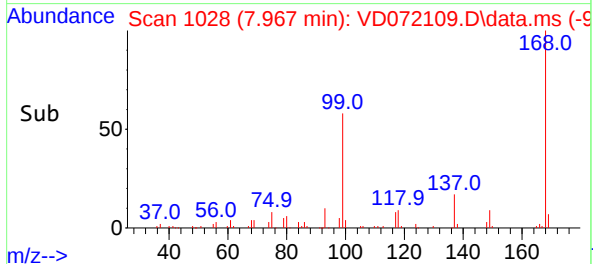
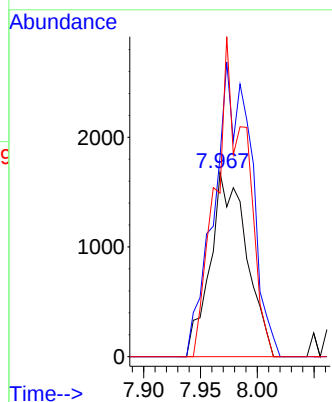


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-022422RE

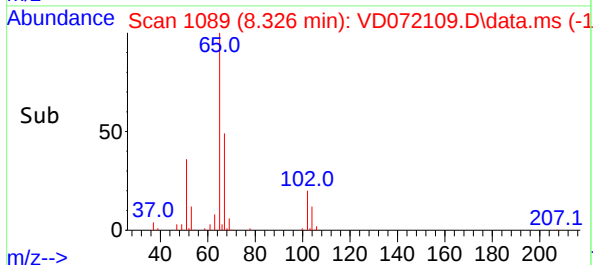
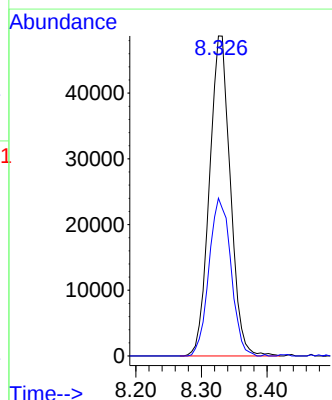
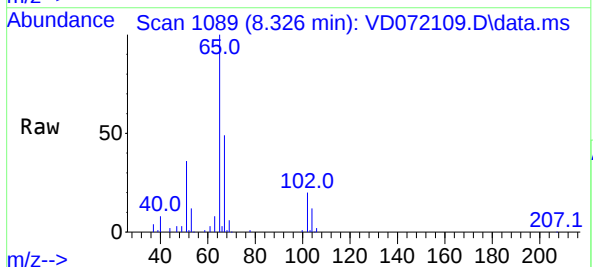


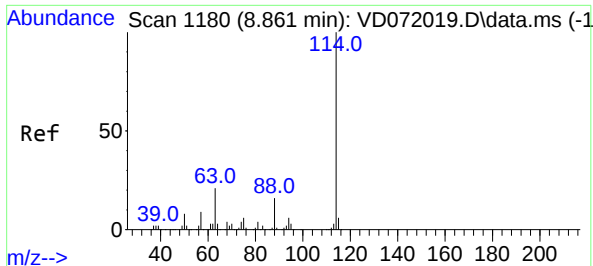
Tgt Ion: 56 Resp: 3723
Ion Ratio Lower Upper
56 100
69 108.5 28.9 43.3#
84 88.8 70.6 105.8



#33
1,2-Dichloroethane-d4
Concen: 74.558 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

Tgt Ion: 65 Resp: 107733
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072109.D

Acq: 25 Feb 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

CL-02-022422RE

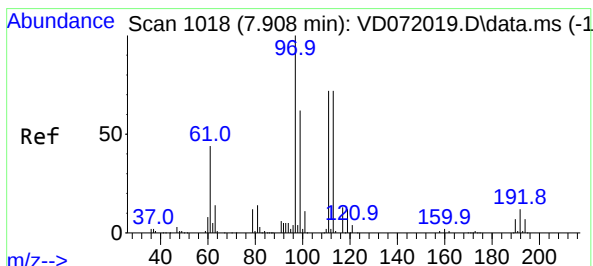
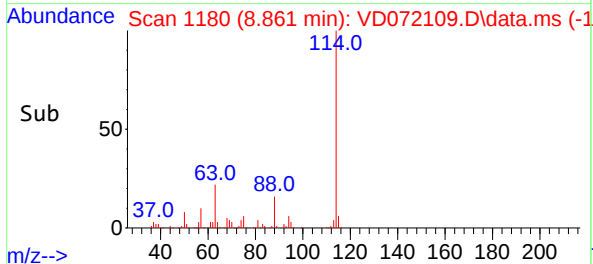
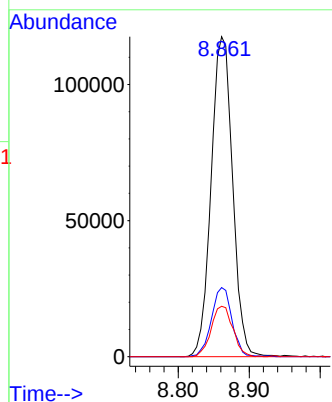
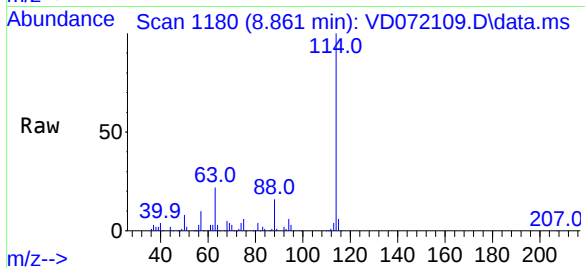
Tgt Ion:114 Resp: 246145

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 61.198 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072109.D

Acq: 25 Feb 2022 19:23

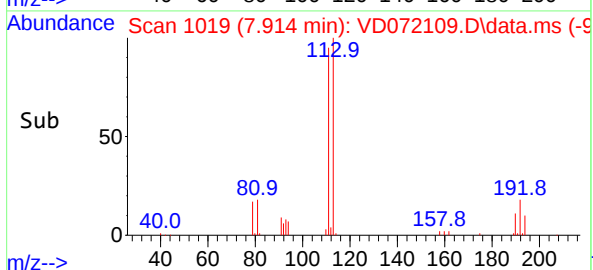
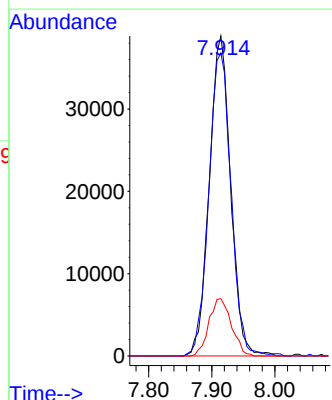
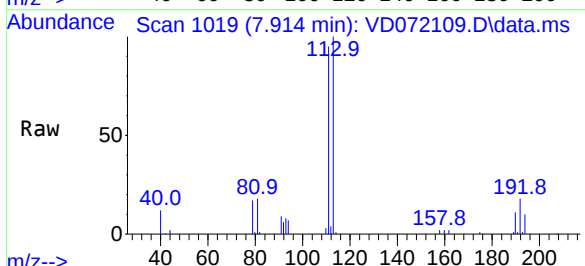
Tgt Ion:113 Resp: 91265

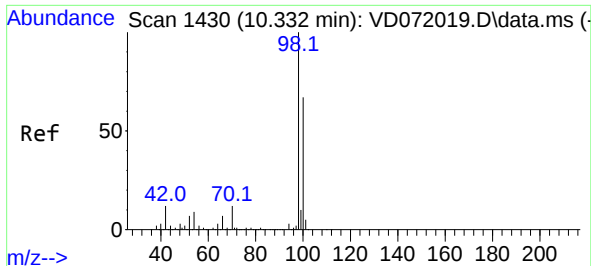
Ion Ratio Lower Upper

113 100

111 98.6 83.0 124.4

192 18.8 15.3 22.9

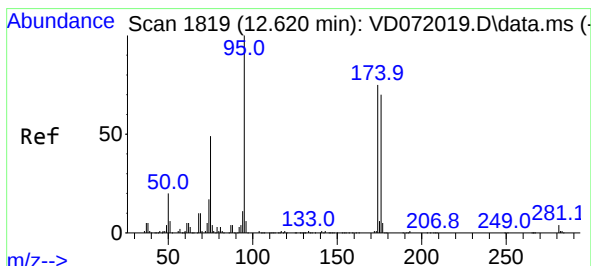
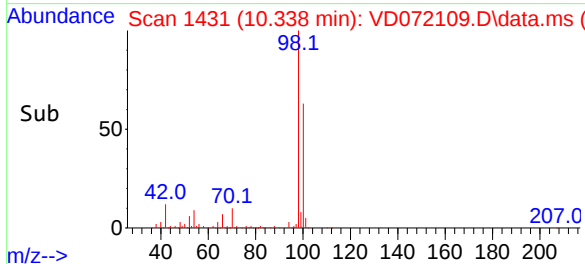
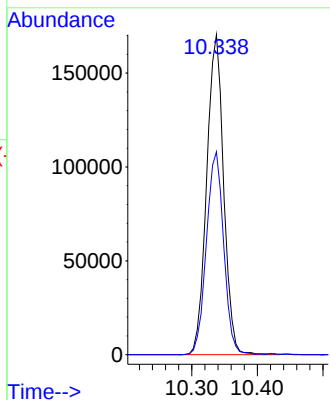
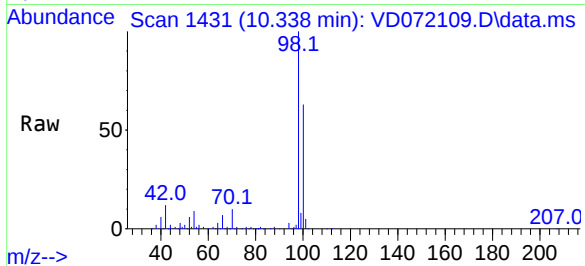




#50
Toluene-d8
Concen: 55.437 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

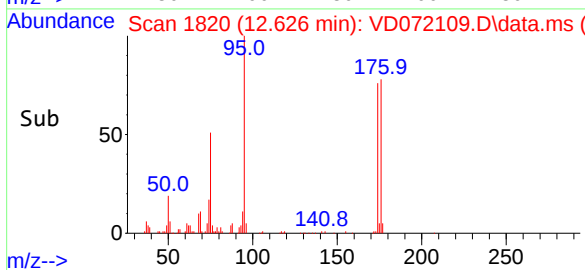
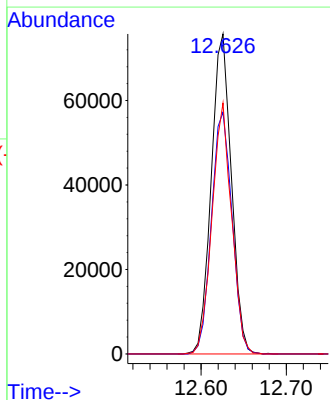
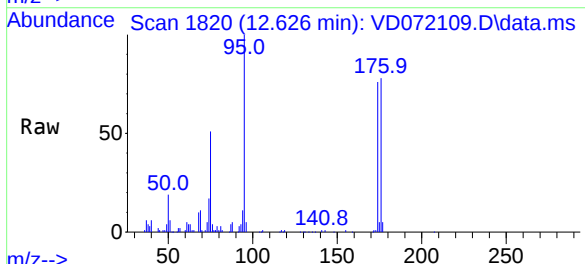
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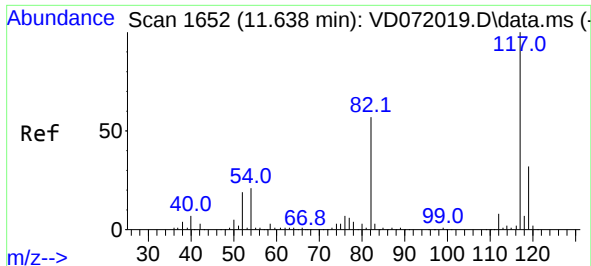
Tgt Ion: 98 Resp: 306593
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 61.143 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

Tgt Ion: 95 Resp: 124211
Ion Ratio Lower Upper
95 100
174 77.5 0.0 155.0
176 76.3 0.0 148.8

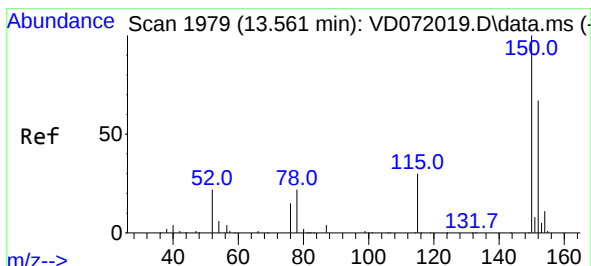
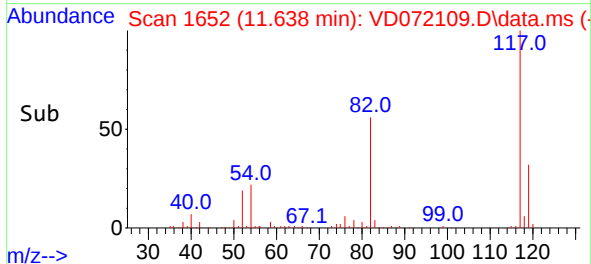
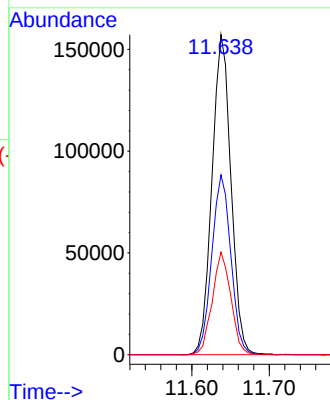
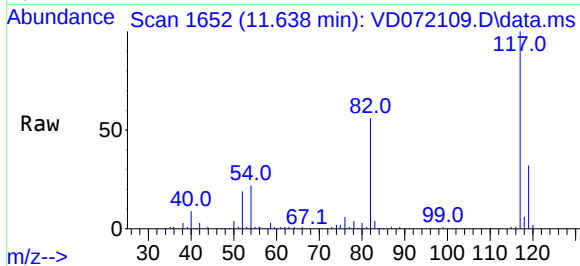




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-022422RE

Tgt Ion:117 Resp: 268061
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072109.D
Acq: 25 Feb 2022 19:23

Tgt Ion:152 Resp: 131298
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 157.0 0.0 347.6

