

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072932.D
 Acq On : 11 May 2022 15:49
 Operator : VA/SY
 Sample : N2769-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-051022

Quant Time: May 12 03:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

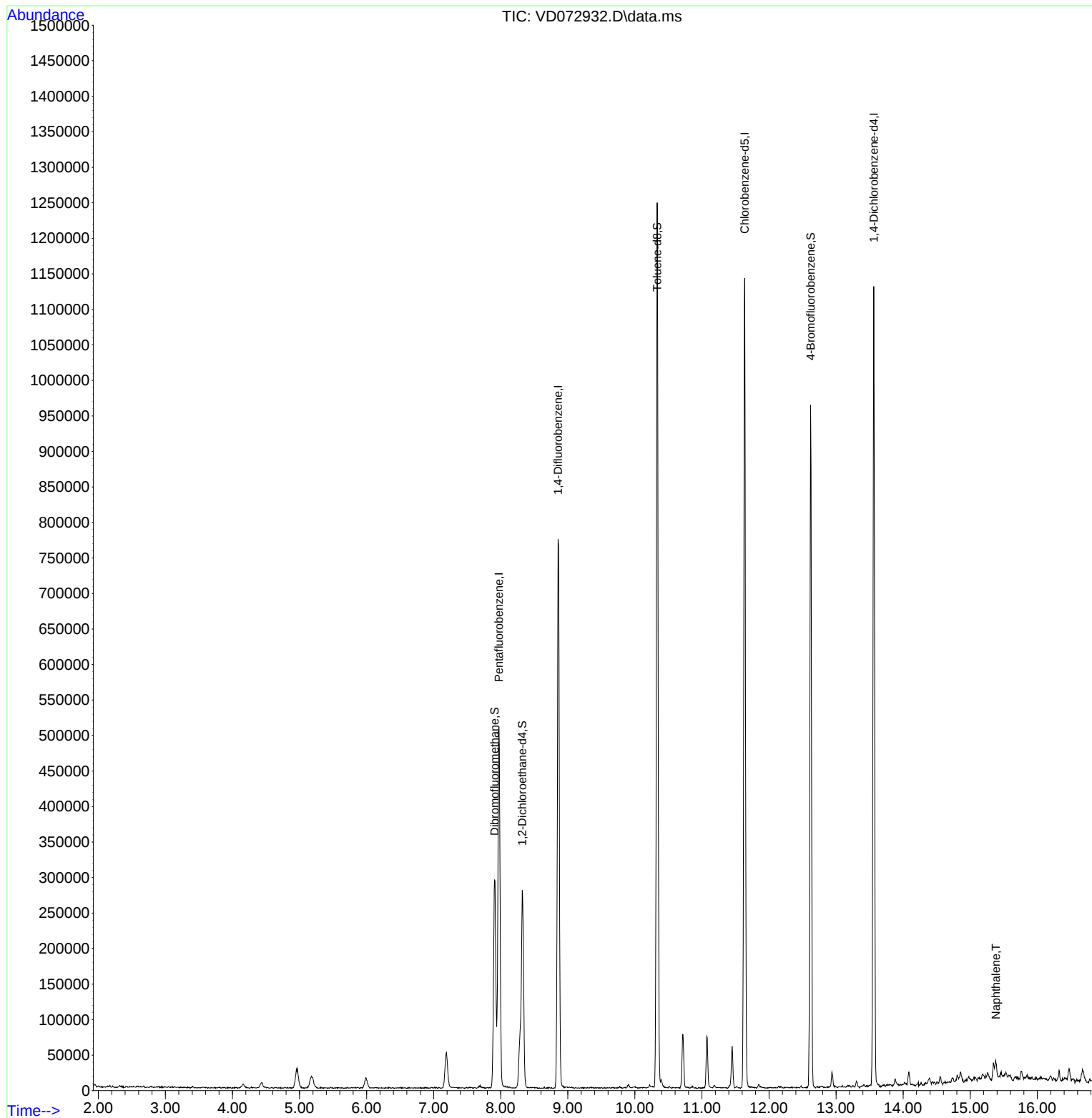
Internal Standards						
1) Pentafluorobenzene	7.973	168	362833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	656819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	656850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	205300	43.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.909	113	217462	47.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.280%
50) Toluene-d8	10.332	98	813188	49.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.620	95	289969	46.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.000%
Target Compounds						
95) Naphthalene	15.385	128	21915	2.180	ug/l	Qvalue 95

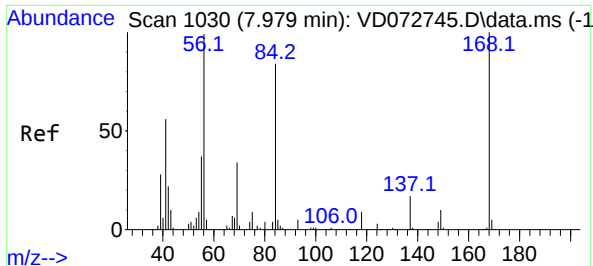
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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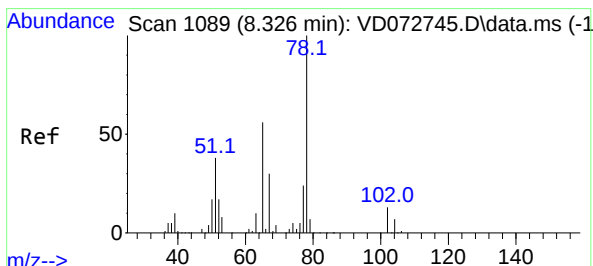
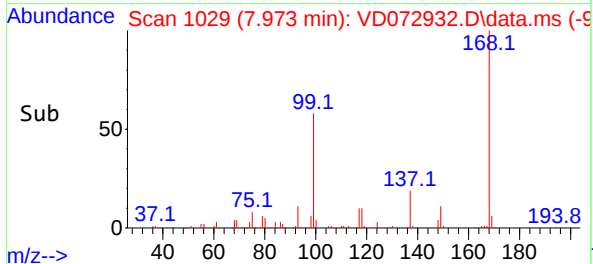
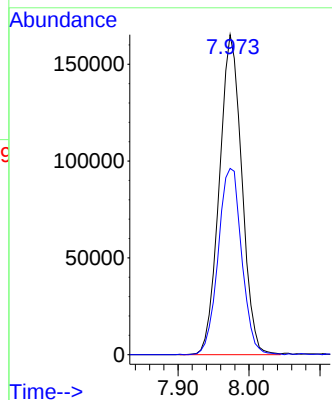
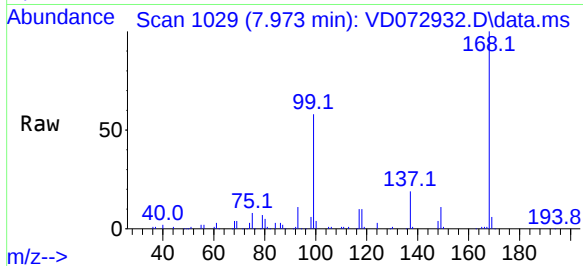




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

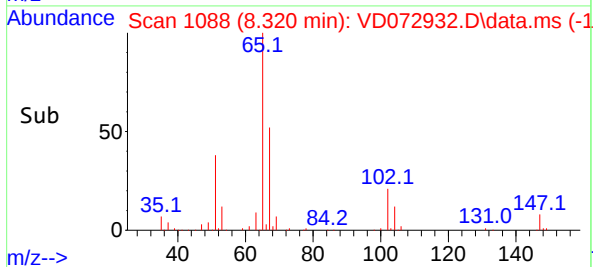
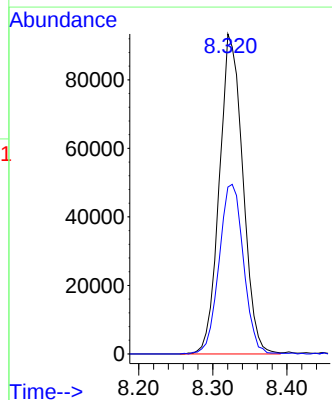
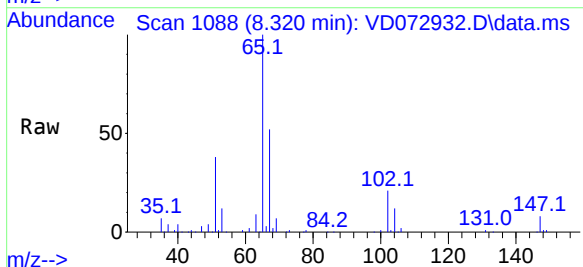
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

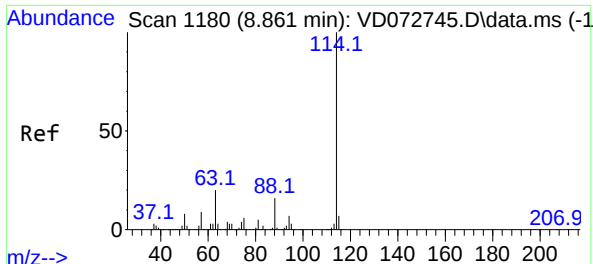
Tgt Ion:168 Resp: 362833
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.589 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

Tgt Ion: 65 Resp: 205300
Ion Ratio Lower Upper
65 100
67 55.3 0.0 101.4



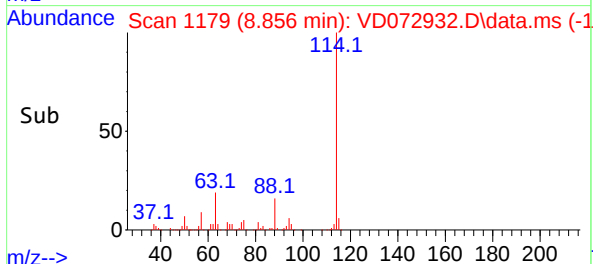
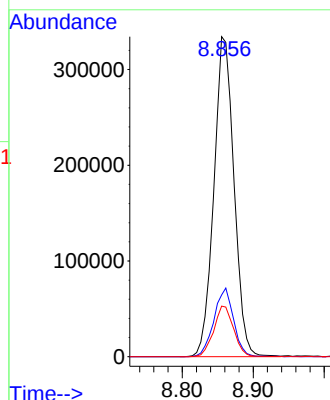
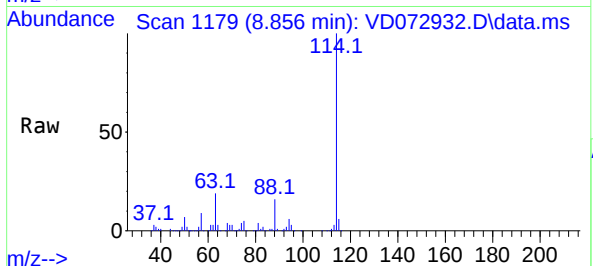


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

Tgt Ion:114 Resp: 656819

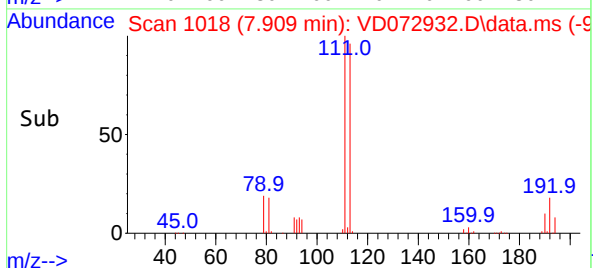
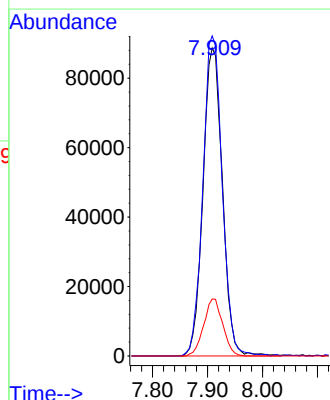
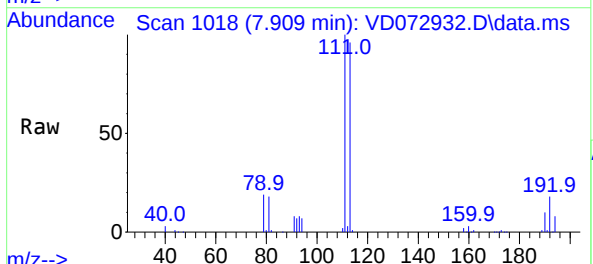
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	46.6
88	15.8	0.0	33.2

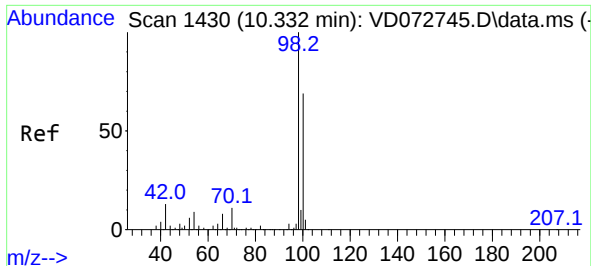


#35
Dibromofluoromethane
Concen: 47.142 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

Tgt Ion:113 Resp: 217462

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	18.1	14.6	21.8

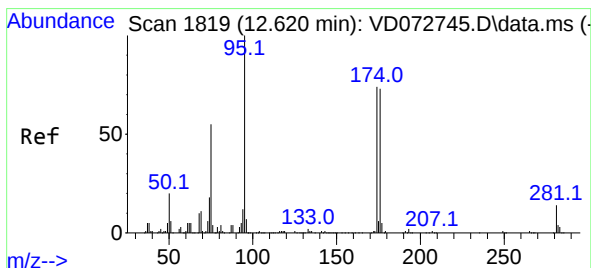
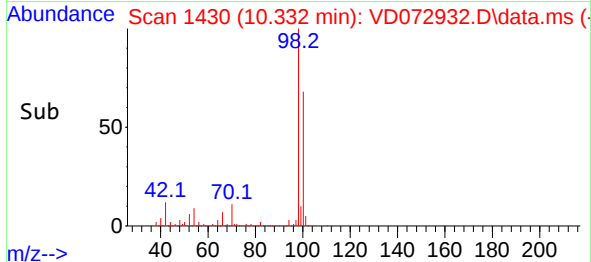
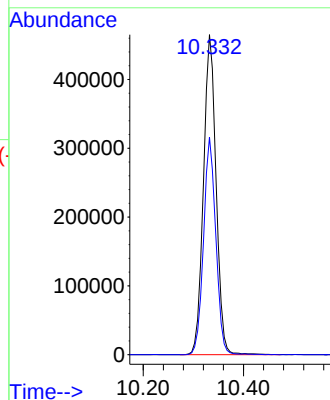
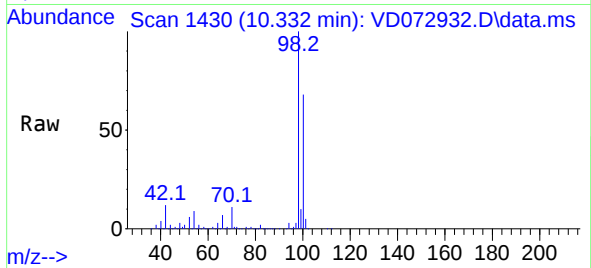




#50
Toluene-d8
Concen: 49.144 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

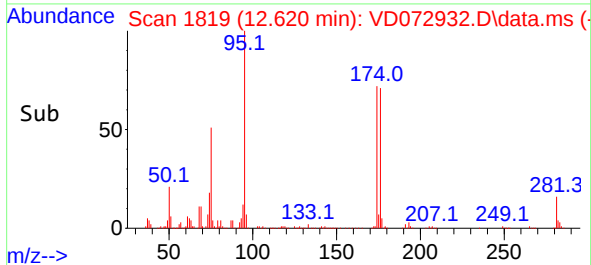
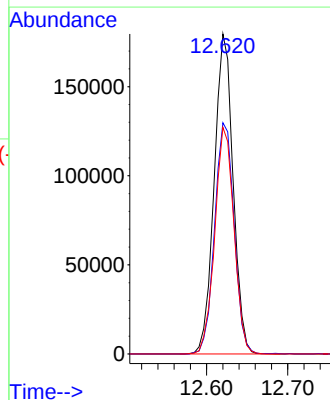
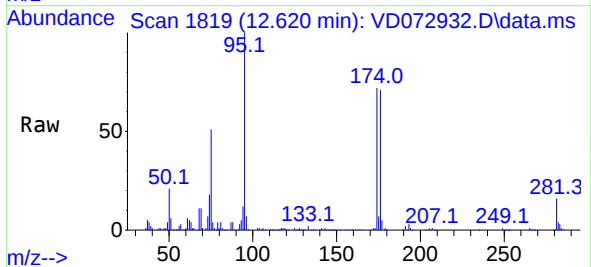
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

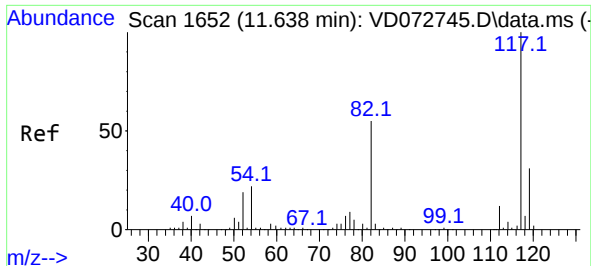
Tgt Ion: 98 Resp: 813188
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.997 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

Tgt Ion: 95 Resp: 289969
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 72.1 0.0 145.4

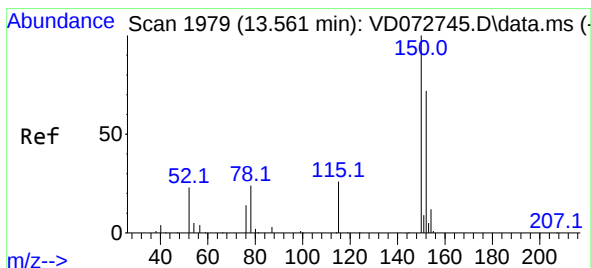
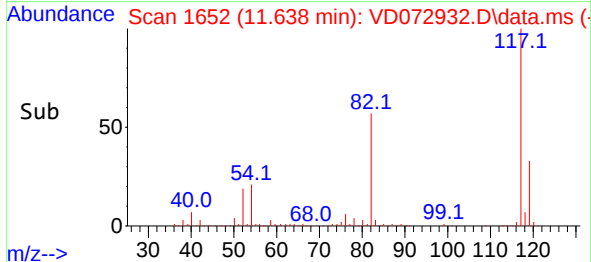
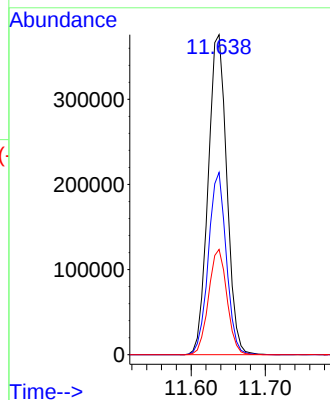
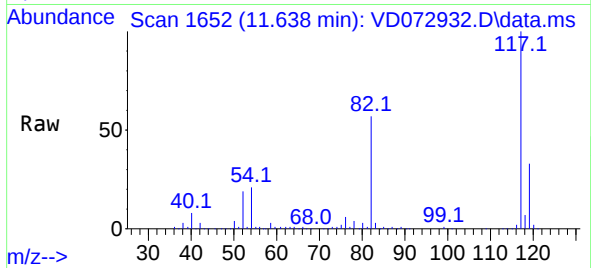




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

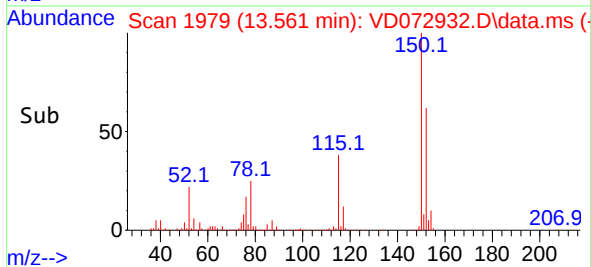
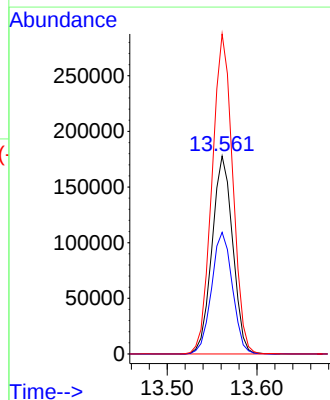
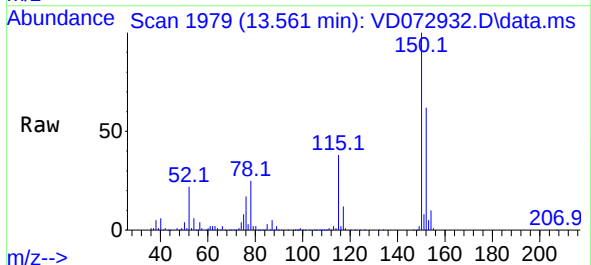
Instrument :
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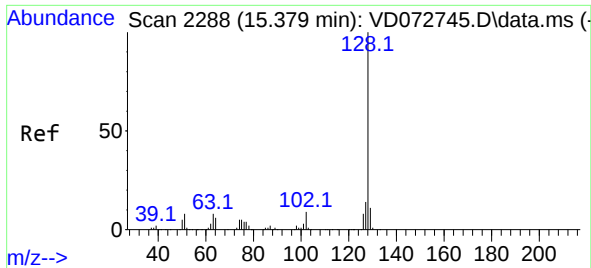
Tgt Ion:117 Resp: 656850
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072932.D
Acq: 11 May 2022 15:49

Tgt Ion:152 Resp: 284643
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 161.7 0.0 348.6





#95

Naphthalene

Concen: 2.180 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD072932.D

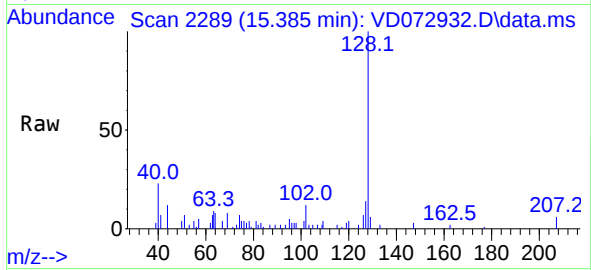
Acq: 11 May 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

CL-02-051022



Tgt Ion:128 Resp: 21915

Ion Ratio Lower Upper

128 100

127 15.4 10.3 15.5

129 11.5 8.4 12.6

