

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072933.D
 Acq On : 11 May 2022 16:18
 Operator : VA/SY
 Sample : N2749-01
 Misc : 3.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 12 03:14:36 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)

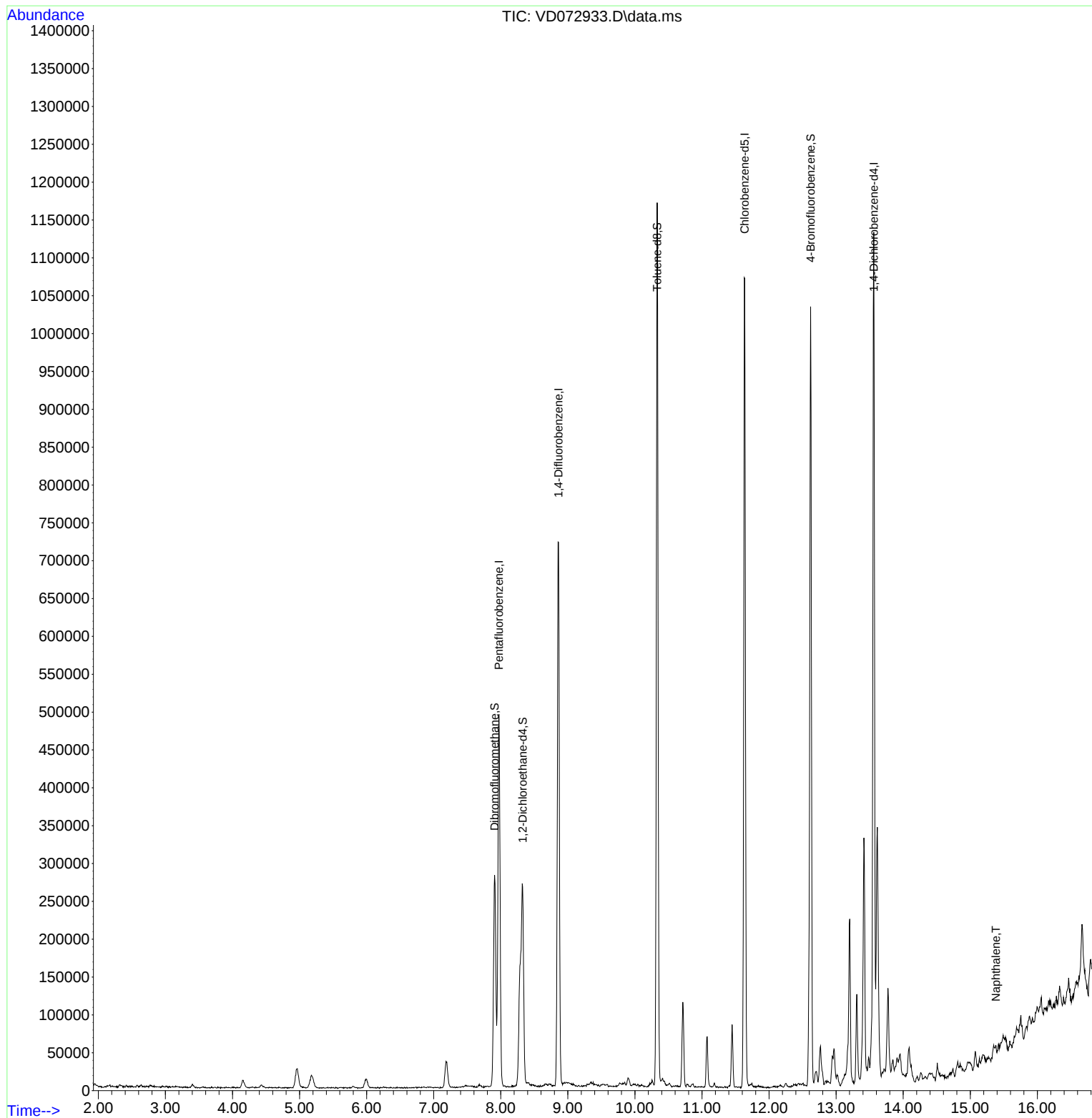
Internal Standards						
1) Pentafluorobenzene	7.973	168	351233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	631442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198665	43.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.140%
35) Dibromofluoromethane	7.908	113	204336	45.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.500%
50) Toluene-d8	10.332	98	758532	47.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.620	95	292453	48.960	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.920%
Target Compounds						
					Qvalue	
95) Naphthalene	15.384	128	11856	1.136	ug/l #	82

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072933.D

Acq: 11 May 2022 16:18

Instrument :

MSVOA_D

ClientSampleId :

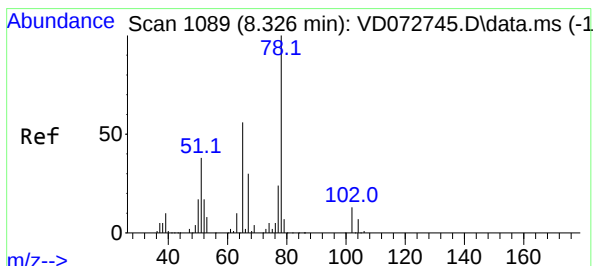
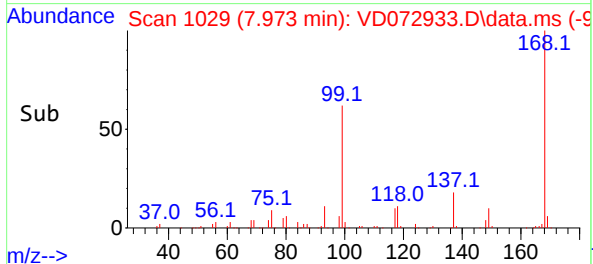
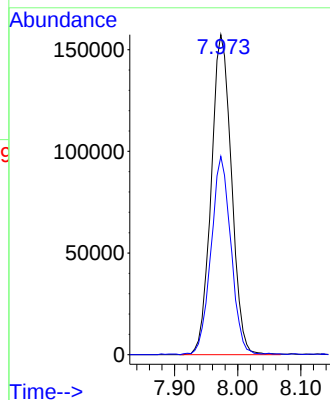
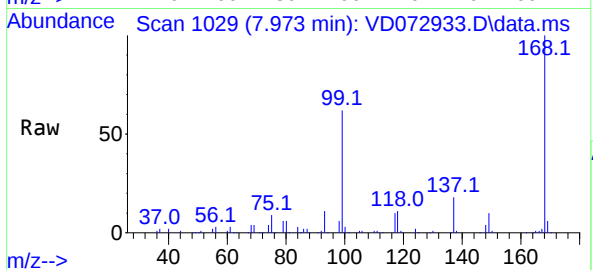
TP-1

Tgt Ion:168 Resp: 351233

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 43.574 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072933.D

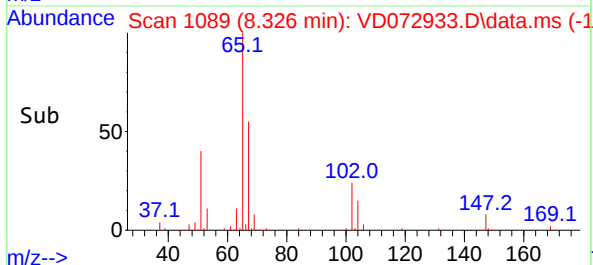
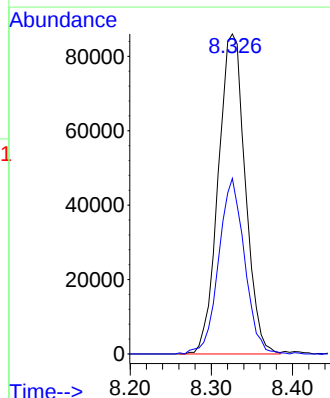
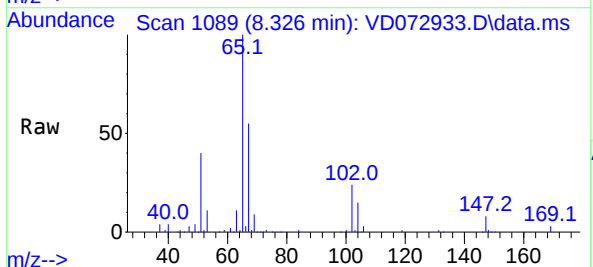
Acq: 11 May 2022 16:18

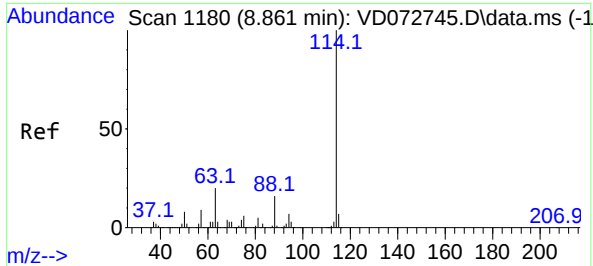
Tgt Ion: 65 Resp: 198665

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



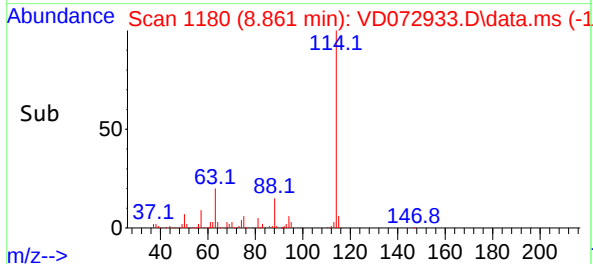
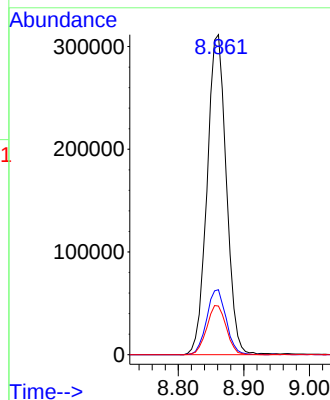
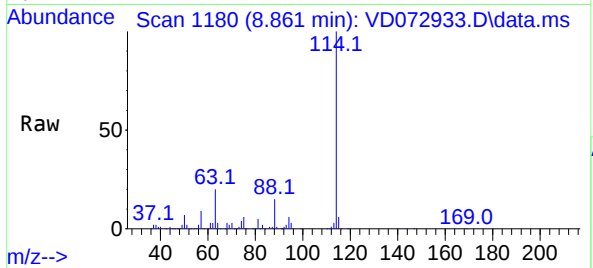


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 635890

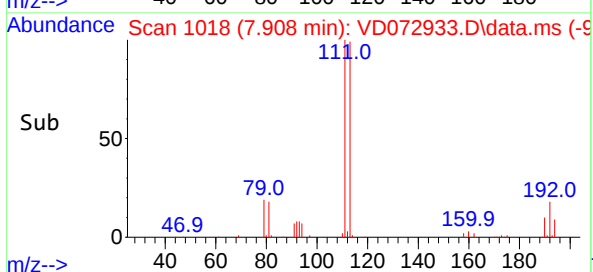
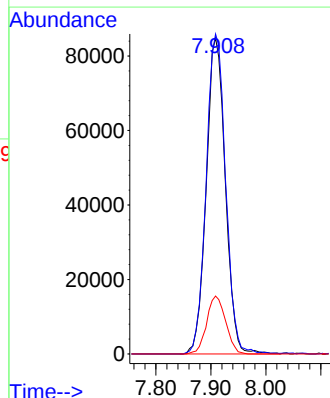
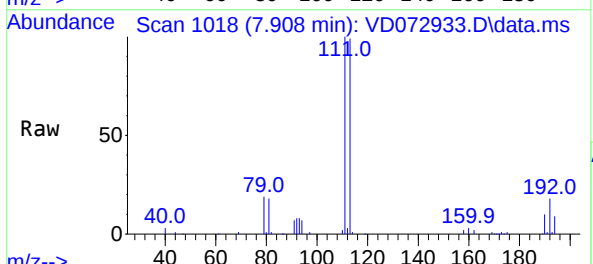
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	15.2	0.0	33.2

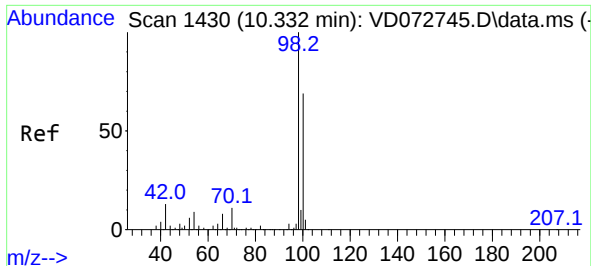


#35
Dibromofluoromethane
Concen: 45.754 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

Tgt Ion:113 Resp: 204336

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	18.2	14.6	21.8

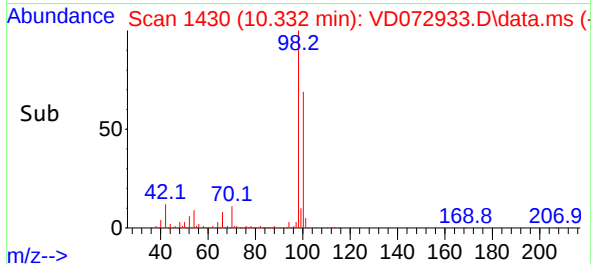
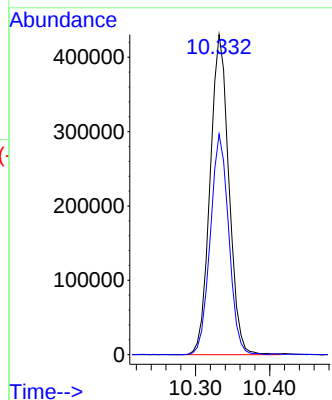
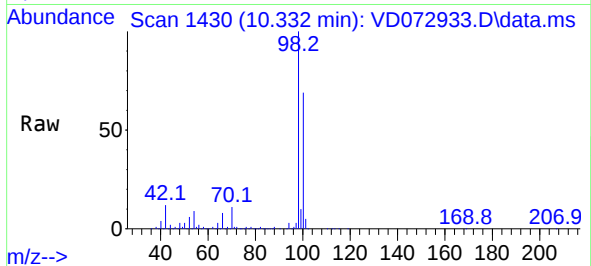




#50
Toluene-d8
Concen: 47.350 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

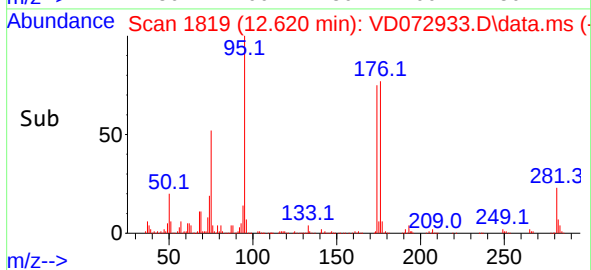
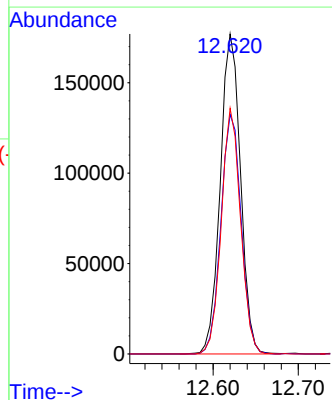
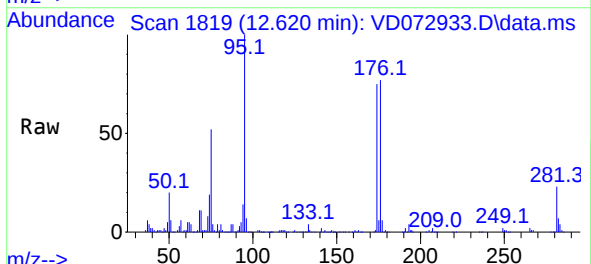
Instrument :
MSVOA_D
ClientSampleId :
TP-1

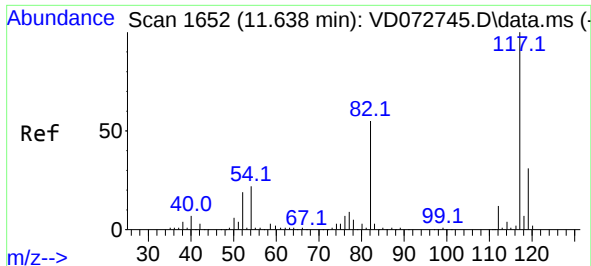
Tgt Ion: 98 Resp: 758532
Ion Ratio Lower Upper
98 100
100 67.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

Tgt Ion: 95 Resp: 292453
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 73.1 0.0 145.4

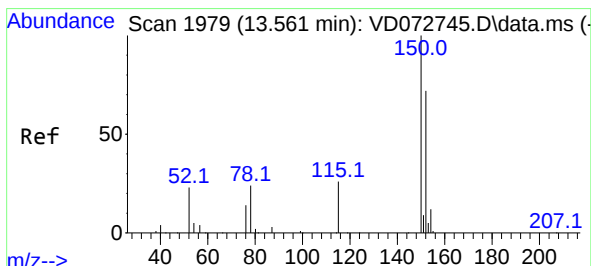
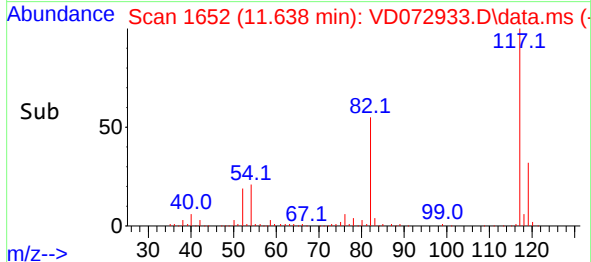
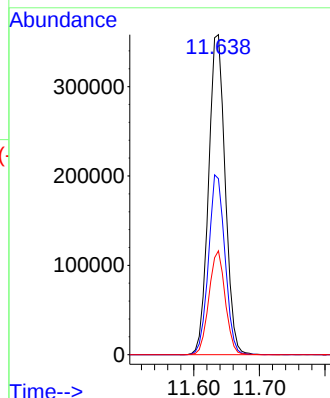
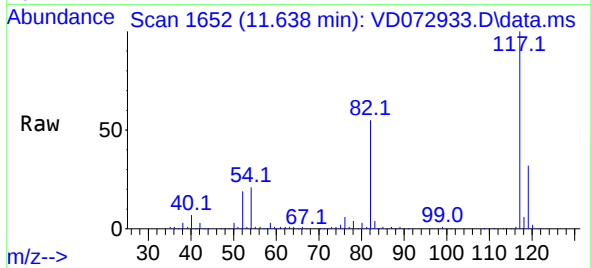




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

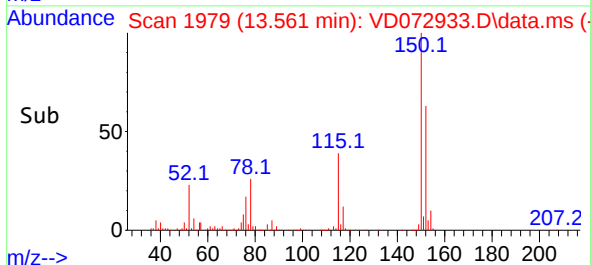
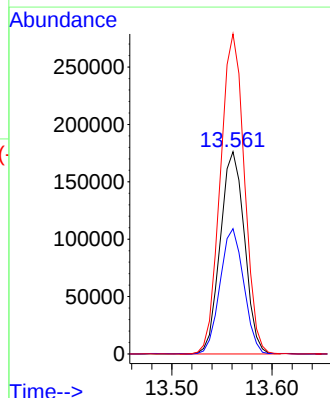
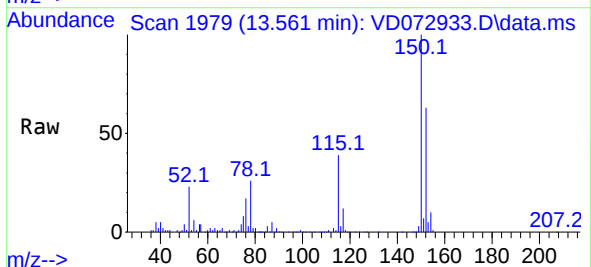
Instrument :
MSVOA_D
ClientSampleId :
TP-1

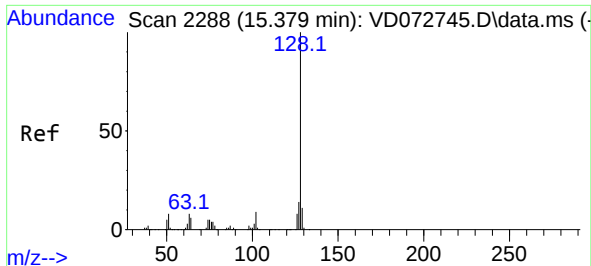
Tgt Ion:117 Resp: 631442
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

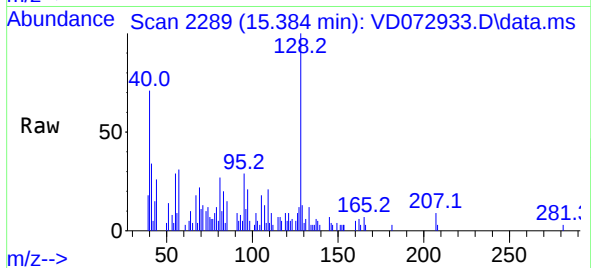
Tgt Ion:152 Resp: 295579
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.3 0.0 348.6





#95
Naphthalene
Concen: 1.136 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD072933.D
Acq: 11 May 2022 16:18

Instrument :
MSVOA_D
ClientSampleId :
TP-1



Tgt Ion:	128	Resp:	11856
Ion	Ratio	Lower	Upper
128	100		
127	17.6	10.3	15.5#
129	19.8	8.4	12.6#

