

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072271.D
 Acq On : 18 Mar 2022 05:18
 Operator : VA/SY
 Sample : N1966-10
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1-10-18-19

Quant Time: Mar 18 05:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	7233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	11768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	13084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5346	66.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.640%
35) Dibromofluoromethane	7.914	113	4670	56.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.780%
50) Toluene-d8	10.332	98	12961	42.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.600%
62) 4-Bromofluorobenzene	12.620	95	6355	54.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.020%

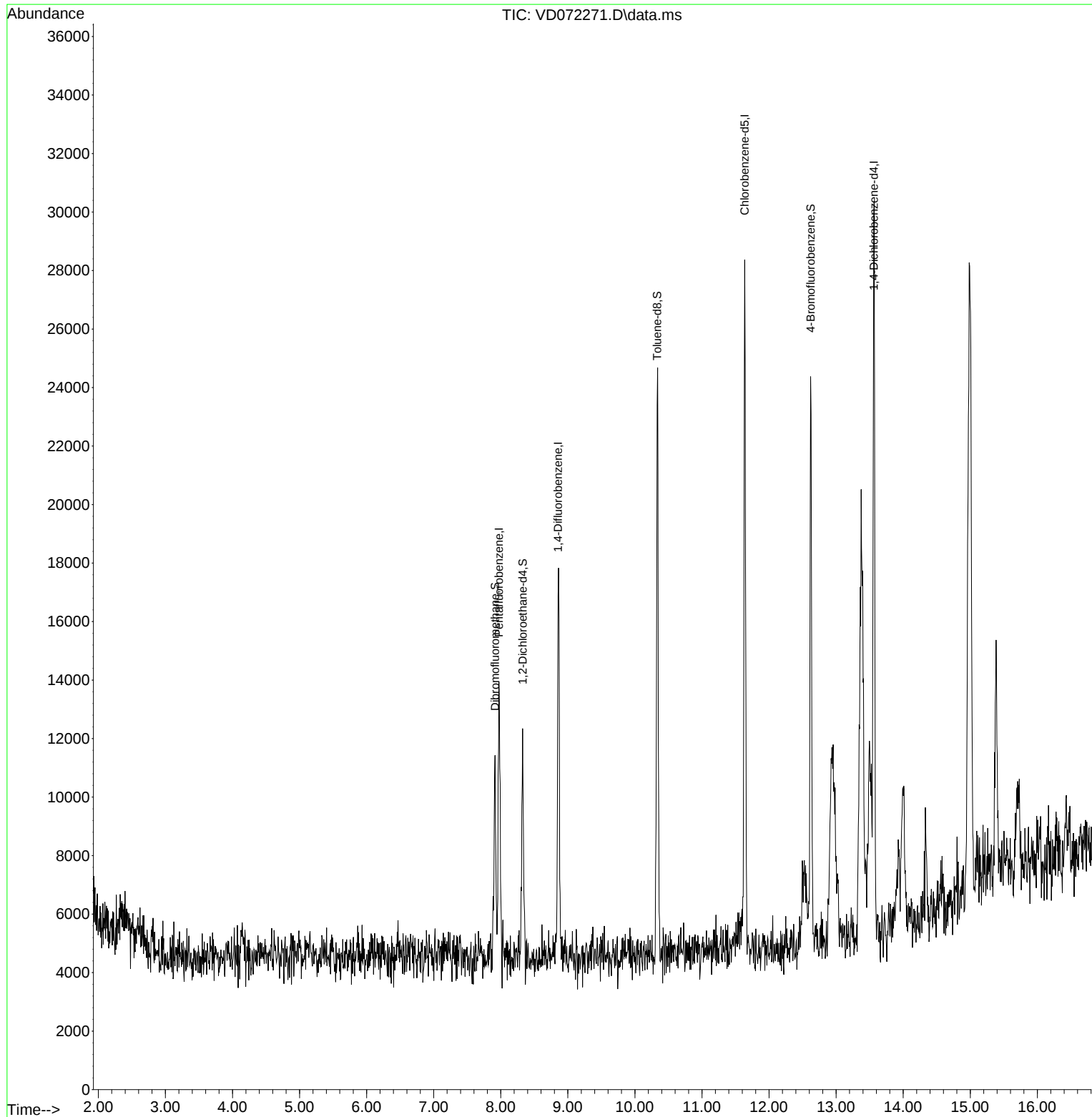
Target Compounds	Qvalue

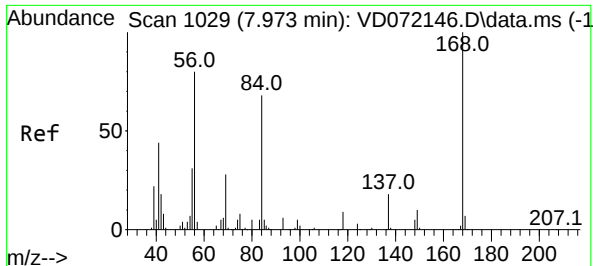
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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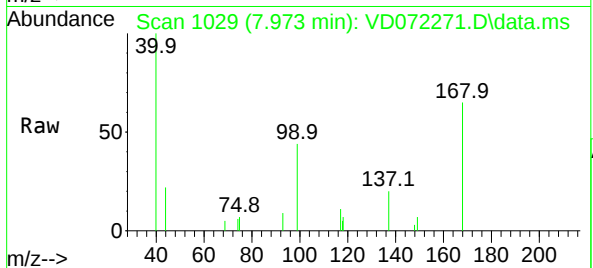
Quant Time: Mar 18 05:40:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
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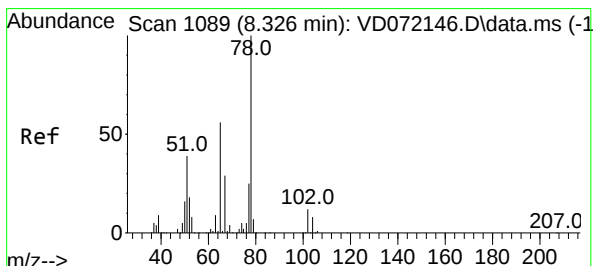
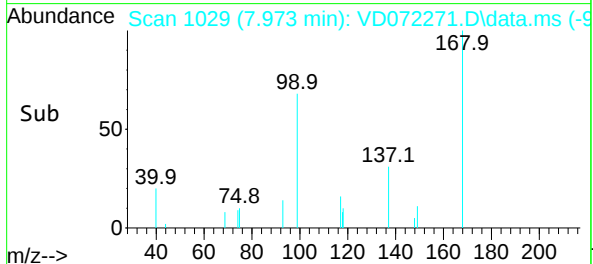
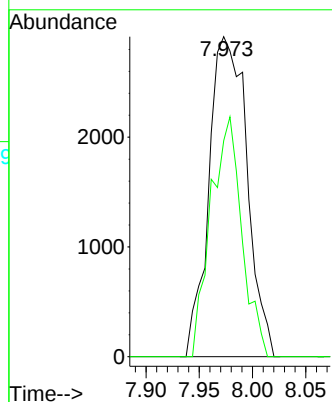


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

Instrument :
MSVOA_D
ClientSampleId :
G-1-10-18-19

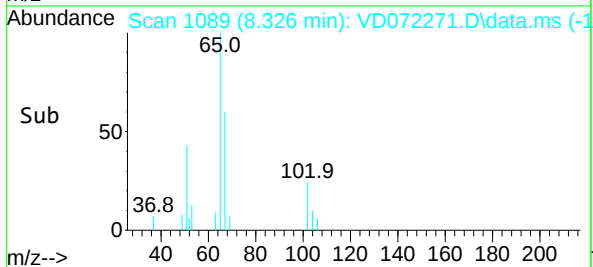
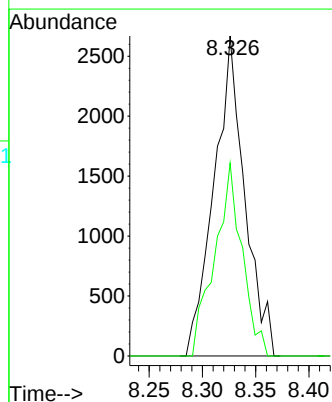
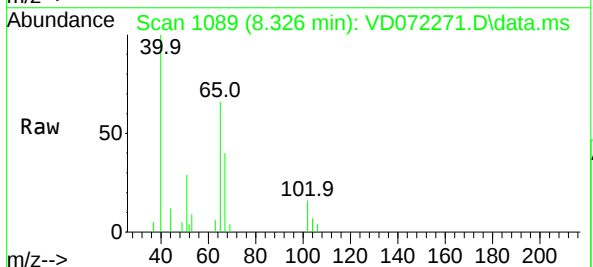


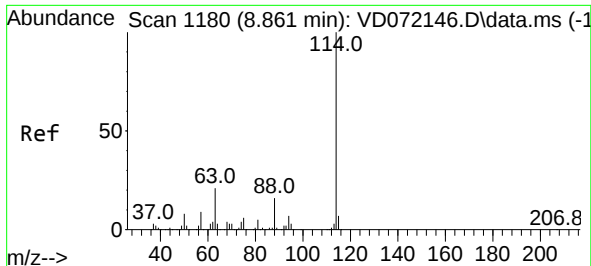
Tgt Ion:168 Resp: 7233
Ion Ratio Lower Upper
168 100
99 67.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 66.321 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

Tgt Ion: 65 Resp: 5346
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11768

Delta R.T. -0.006 min

Lab File: VD072271.D

Acq: 18 Mar 2022 05:18

Instrument :

MSVOA_D

ClientSampleId :

G-1-10-18-19

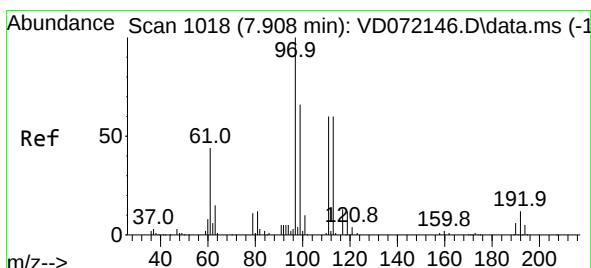
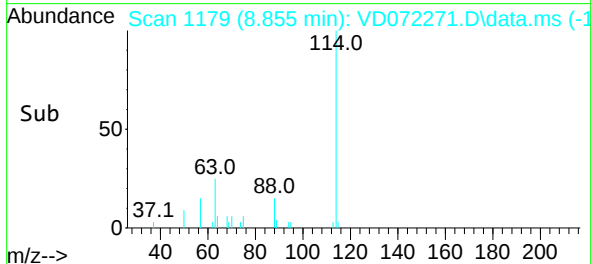
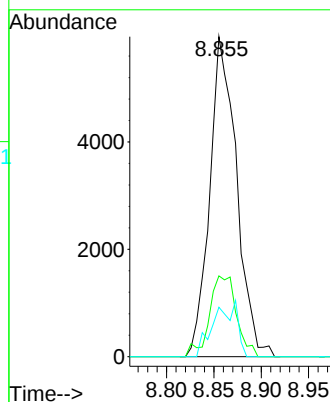
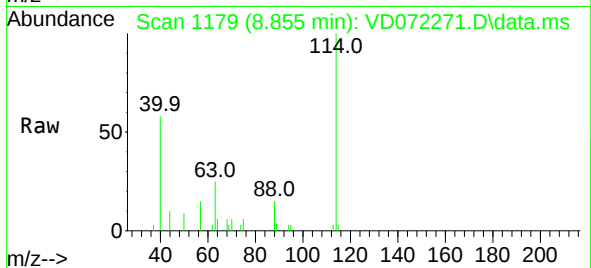
Tgt Ion:114 Resp: 11768

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.393 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072271.D

Acq: 18 Mar 2022 05:18

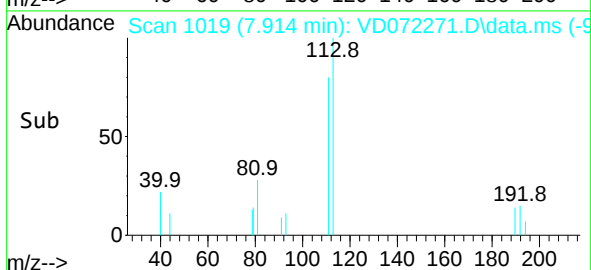
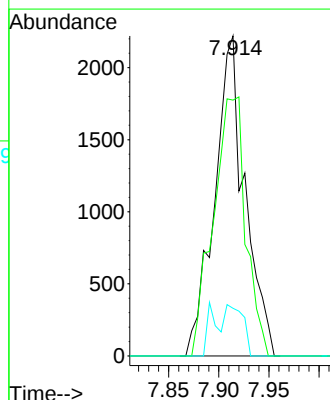
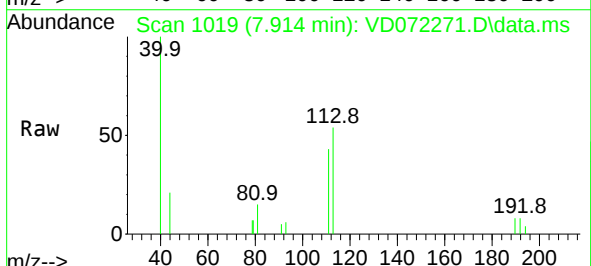
Tgt Ion:113 Resp: 4670

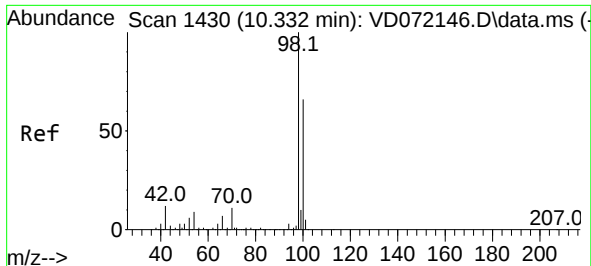
Ion Ratio Lower Upper

113 100

111 86.4 83.8 125.6

192 9.6 14.6 21.8#

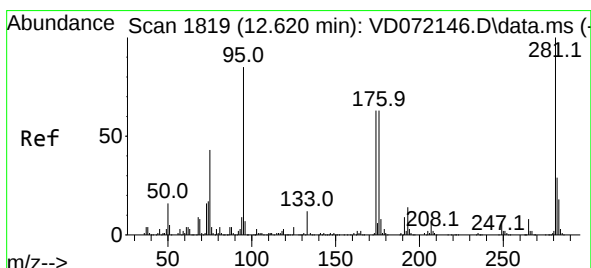
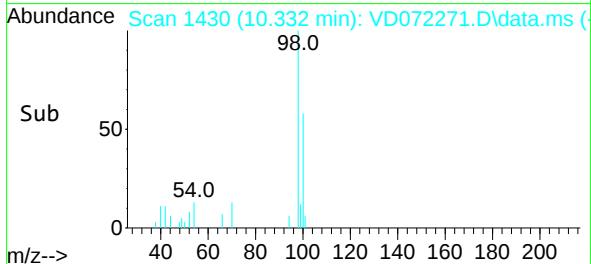
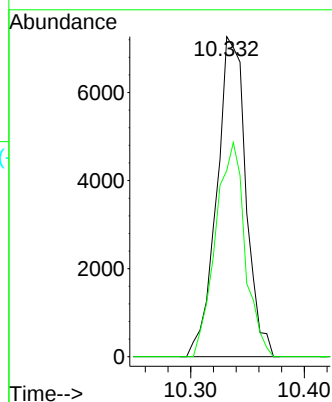
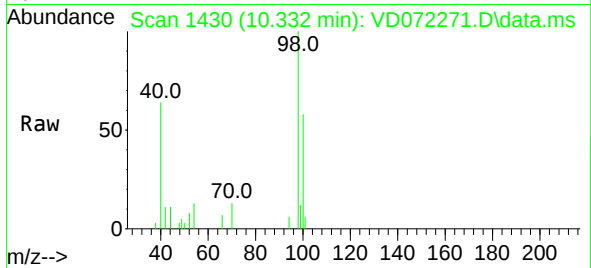




#50
Toluene-d8
Concen: 42.803 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

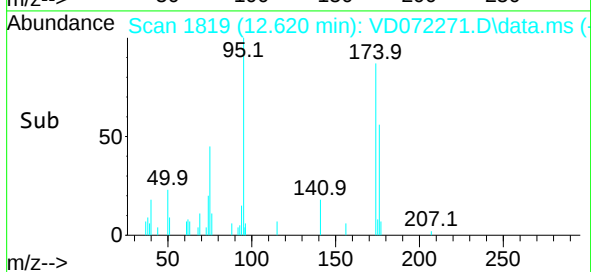
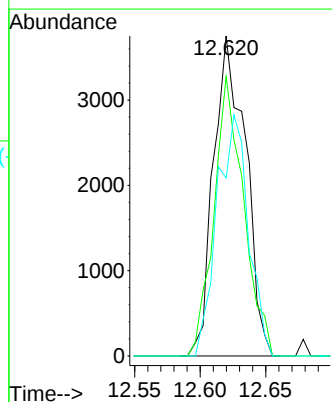
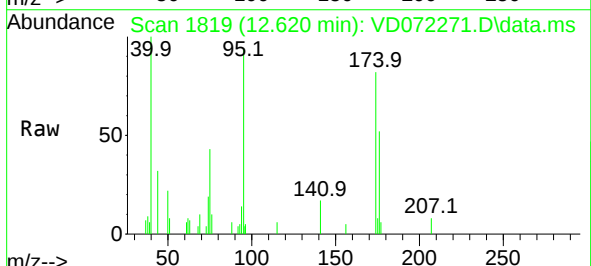
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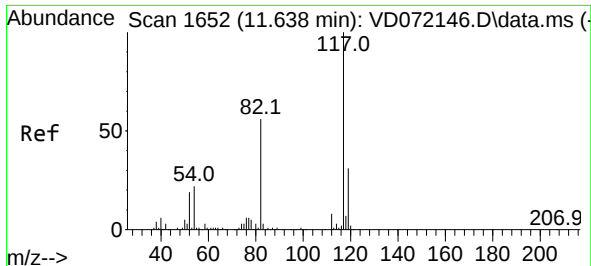
Tgt Ion: 98 Resp: 12961
Ion Ratio Lower Upper
98 100
100 67.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

Tgt Ion: 95 Resp: 6355
Ion Ratio Lower Upper
95 100
174 81.1 0.0 152.8
176 73.9 0.0 145.4

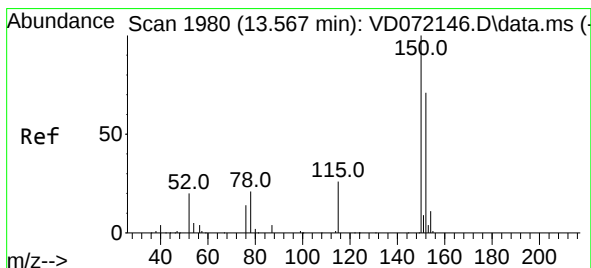
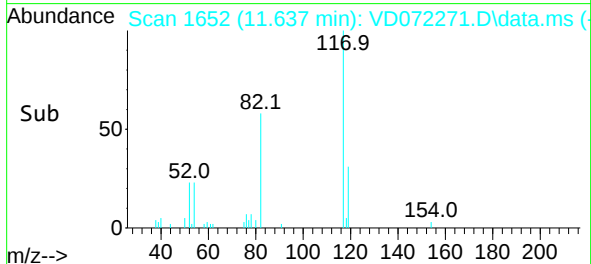
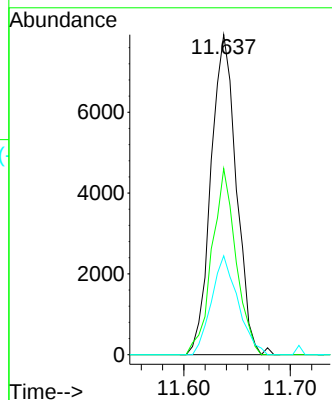
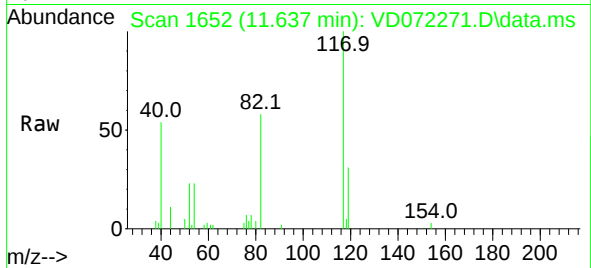




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

Instrument :
MSVOA_D
ClientSampleId :
G-1-10-18-19

Tgt Ion:	117	Resp:	13084
Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.3	67.9
119	30.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072271.D
Acq: 18 Mar 2022 05:18

Tgt Ion:	152	Resp:	7214
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.8
150	146.7	0.0	348.6

