

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073238.D
 Acq On : 21 May 2022 19:21
 Operator : VA/SY
 Sample : N2870-09
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-1824-01

Quant Time: May 22 01:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	291276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	513840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	548346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	166178	51.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.240%
35) Dibromofluoromethane	7.908	113	177587	52.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.332	98	651827	52.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.620	95	242407	55.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.520%

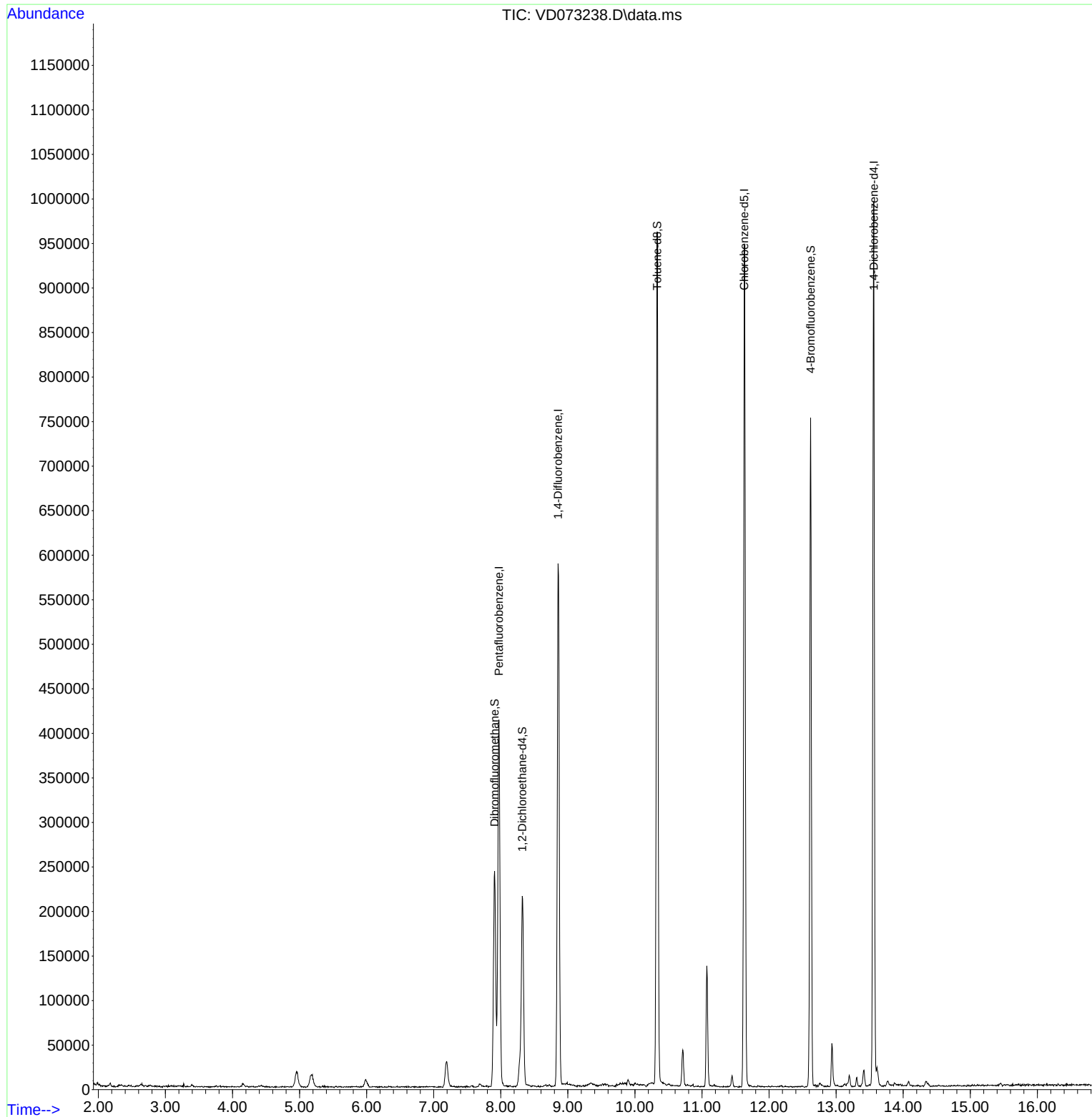
Target Compounds	Qvalue

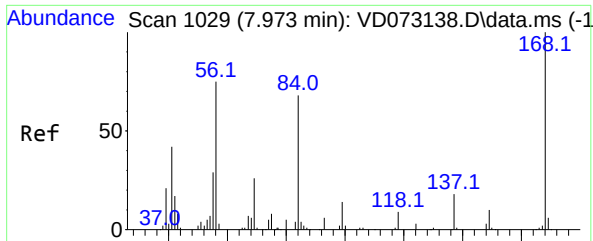
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD073238.D

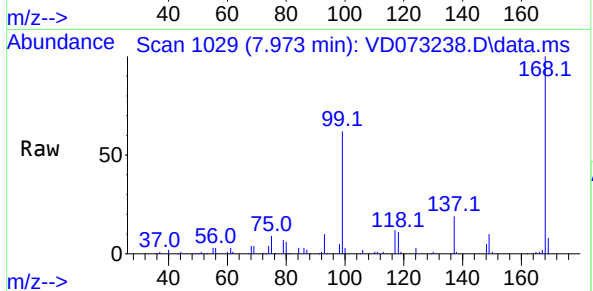
Acq: 21 May 2022 19:21

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-1824-01

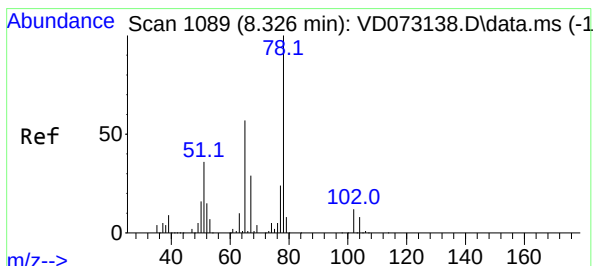
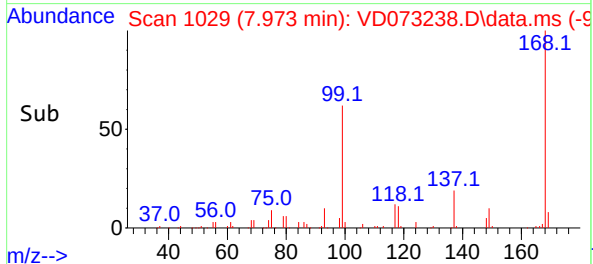
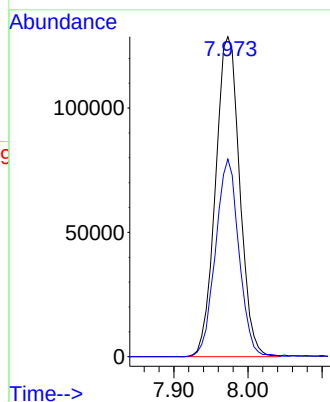


Tgt Ion:168 Resp: 291276

Ion Ratio Lower Upper

168 100

99 61.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.624 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073238.D

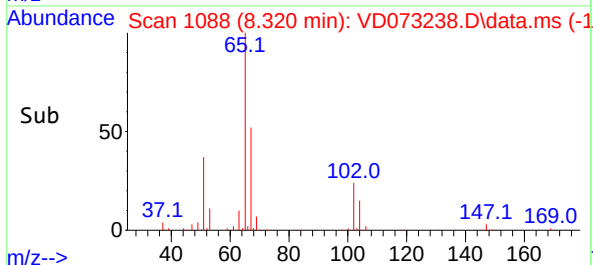
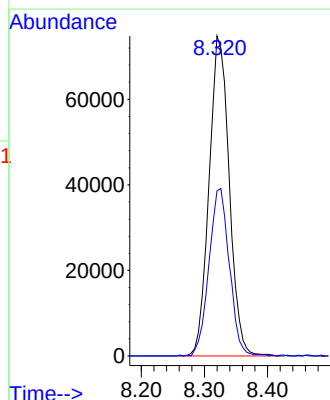
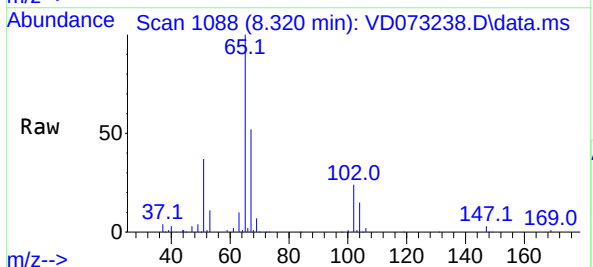
Acq: 21 May 2022 19:21

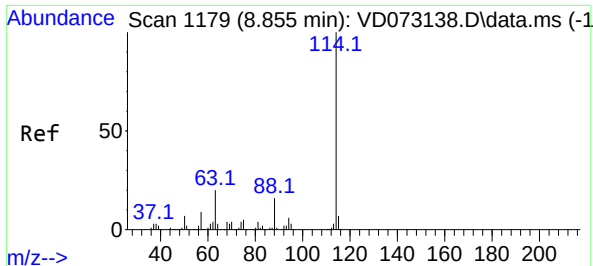
Tgt Ion: 65 Resp: 166178

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



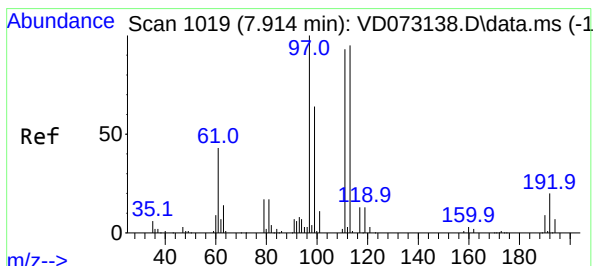
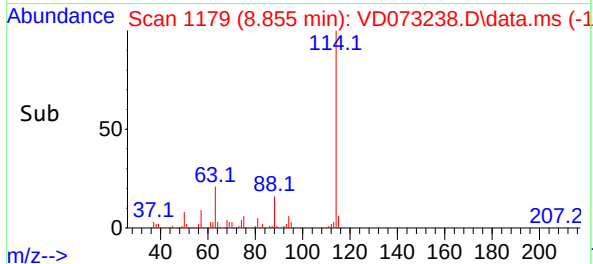
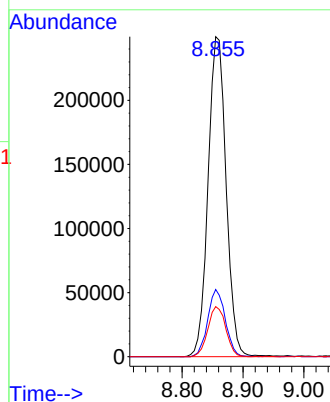
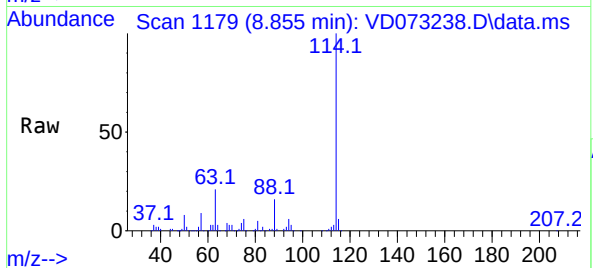


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073238.D
Acq: 21 May 2022 19:21

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-1824-01

Tgt Ion:114 Resp: 513840

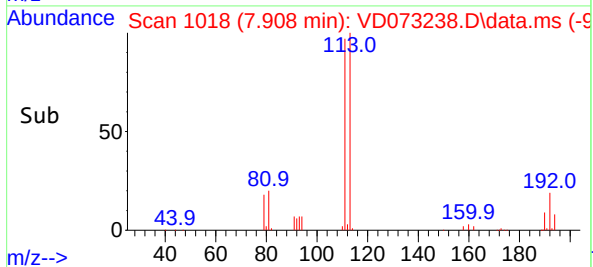
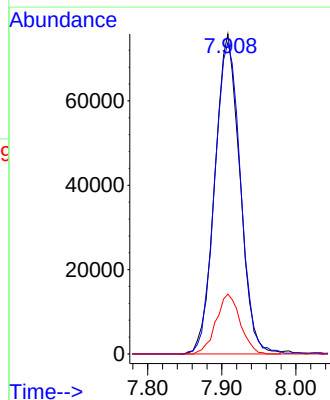
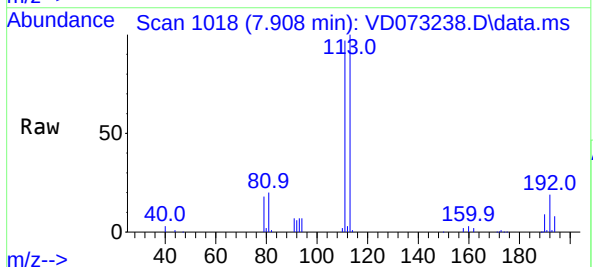
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	46.6
88	15.7	0.0	33.2

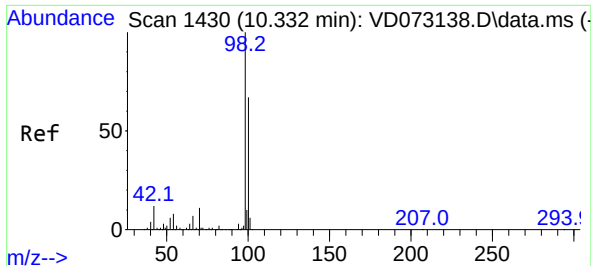


#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073238.D
Acq: 21 May 2022 19:21

Tgt Ion:113 Resp: 177587

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.8	125.6
192	18.0	14.6	21.8

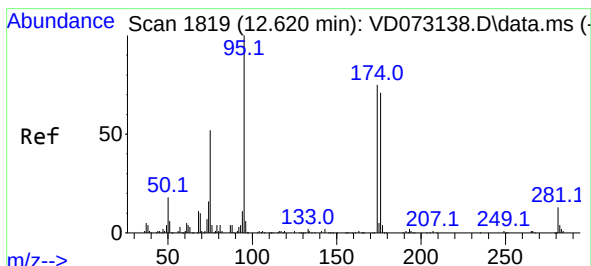
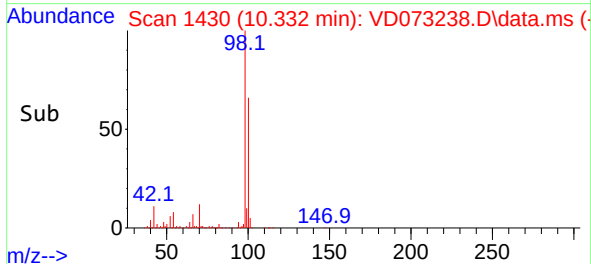
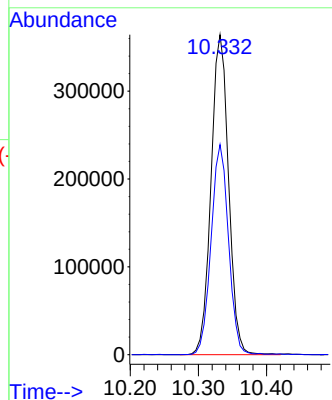
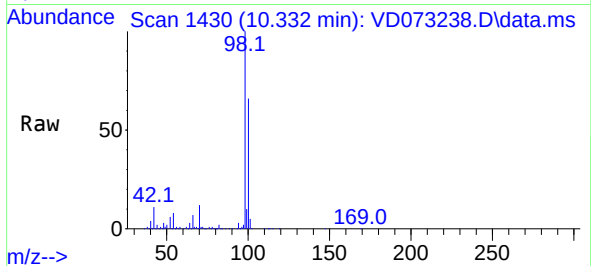




#50
Toluene-d8
Concen: 52.151 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073238.D
Acq: 21 May 2022 19:21

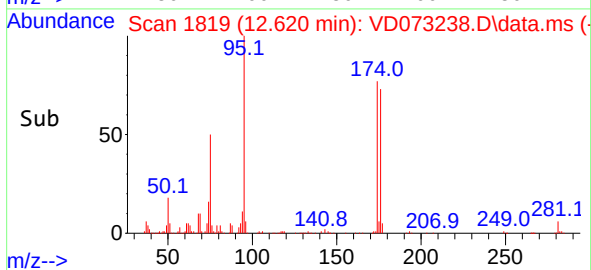
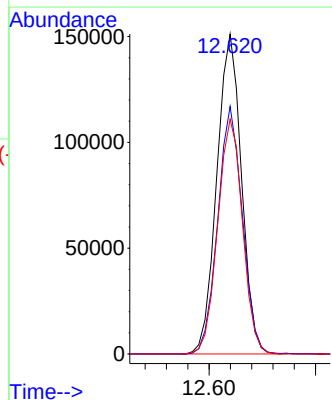
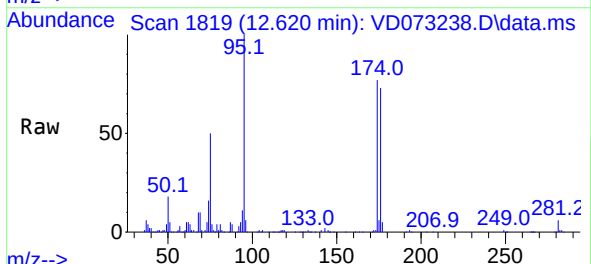
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-1824-01

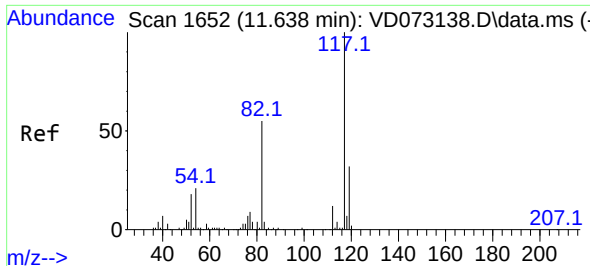
Tgt Ion: 98 Resp: 651827
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.264 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073238.D
Acq: 21 May 2022 19:21

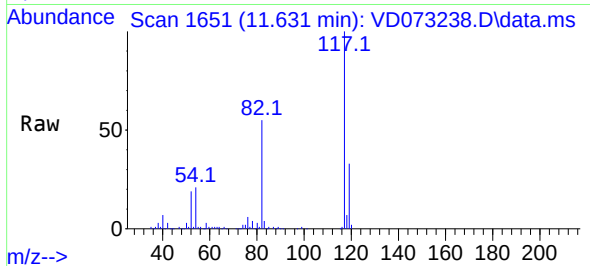
Tgt Ion: 95 Resp: 242407
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.7 0.0 145.4



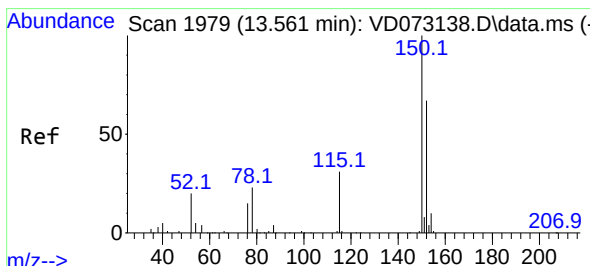
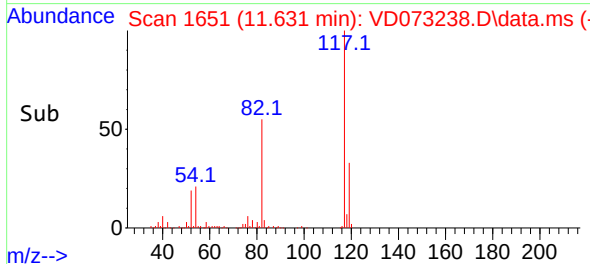
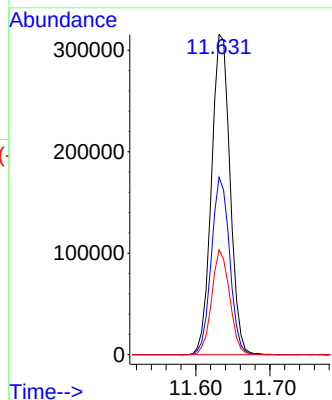


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.007 min
Lab File: VD073238.D
Acq: 21 May 2022 19:21

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-1824-01



Tgt Ion:117 Resp: 548346
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.8 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: VD073238.D
Acq: 21 May 2022 19:21

Tgt Ion:152 Resp: 258760
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 155.4 0.0 348.6

