

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073109.D
 Acq On : 18 May 2022 20:06
 Operator : VA/SY
 Sample : N2832-10
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB11

Quant Time: May 19 04:47:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	127780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	230719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	264014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	105121	65.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.560%
35) Dibromofluoromethane	7.909	113	94615	58.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.820%
50) Toluene-d8	10.332	98	288844	49.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.620	95	111407	52.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.680%

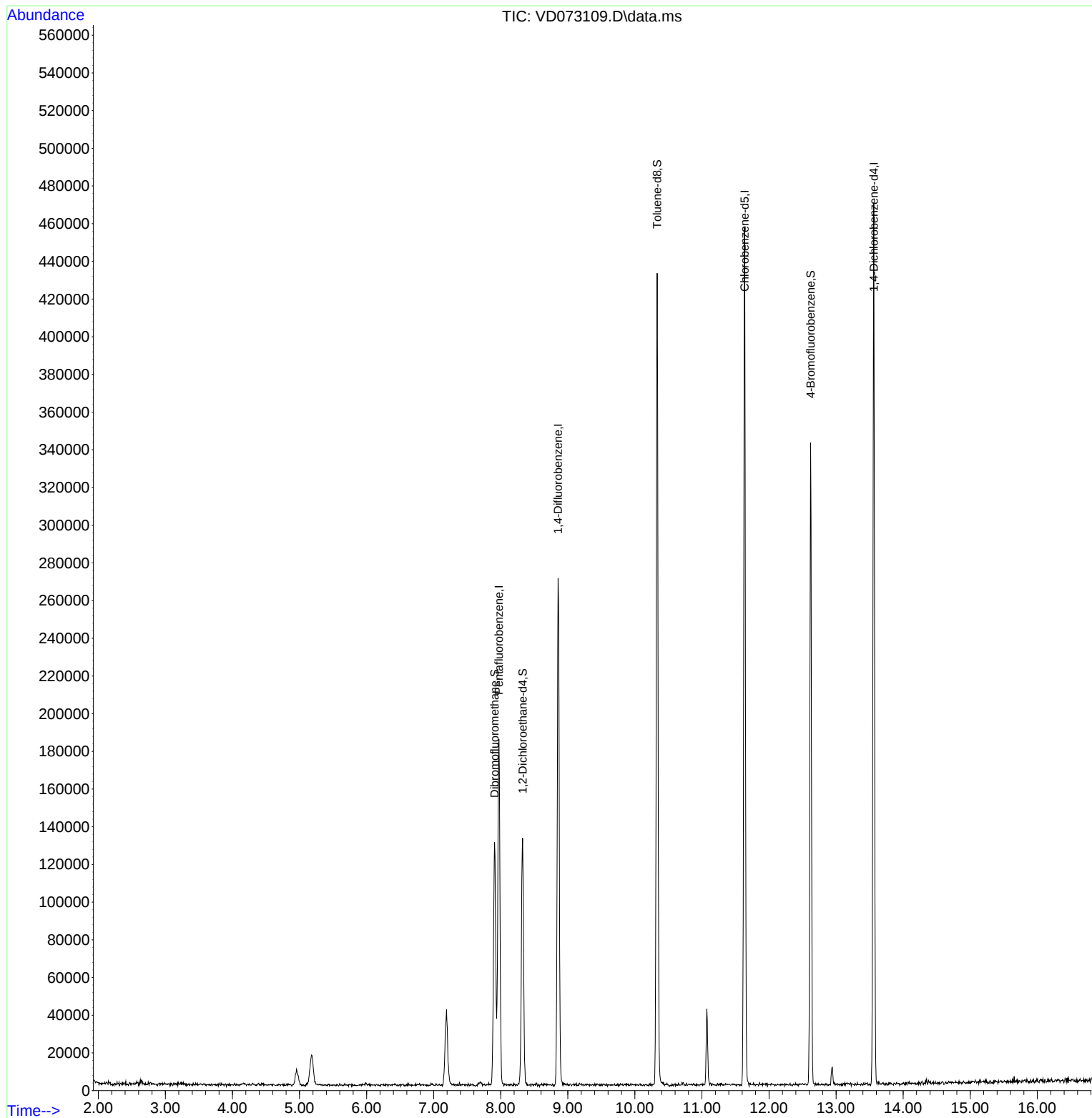
Target Compounds	Qvalue

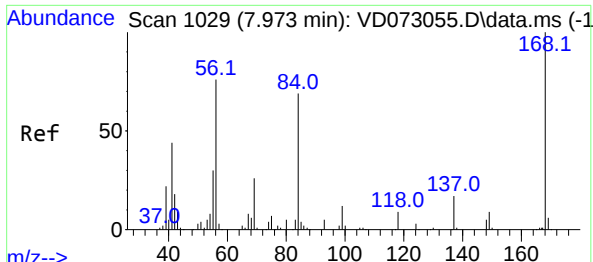
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073109.D

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Instrument :

MSVOA_D

ClientSampleId :

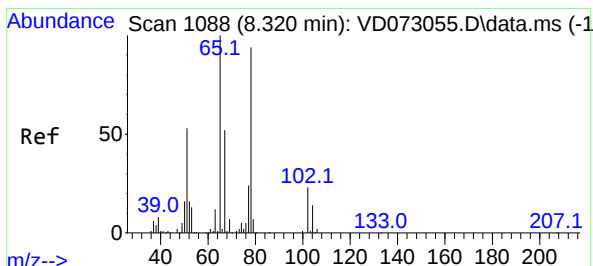
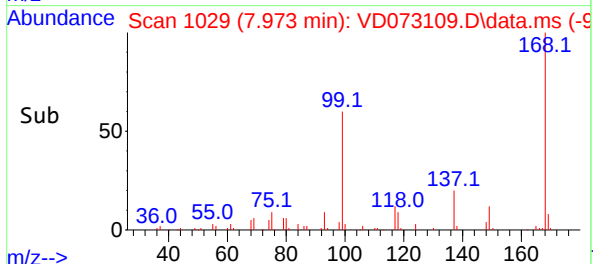
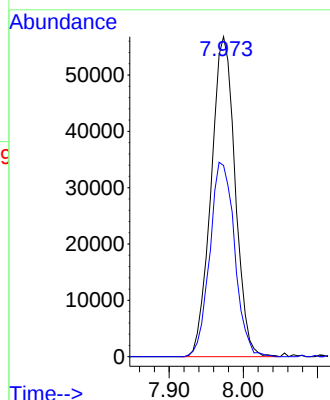
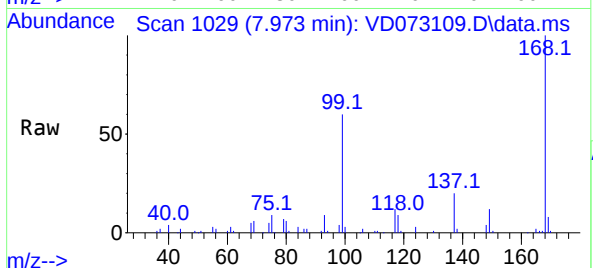
SB11

Tgt Ion:168 Resp: 127780

Ion Ratio Lower Upper

168 100

99 59.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 65.783 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073109.D

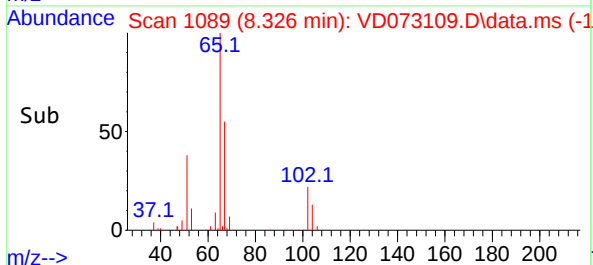
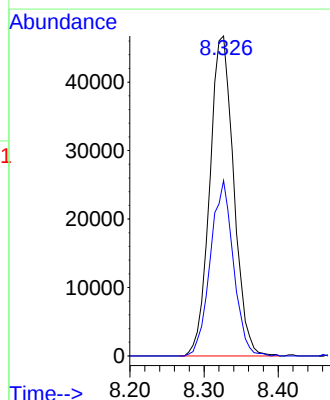
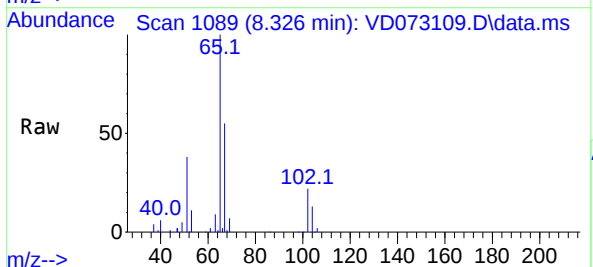
Acq: 18 May 2022 20:06

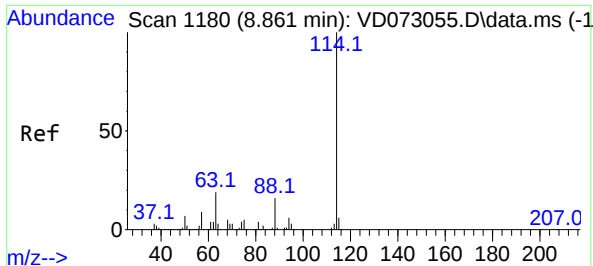
Tgt Ion: 65 Resp: 105121

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4

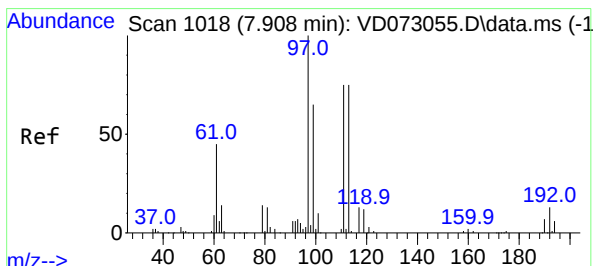
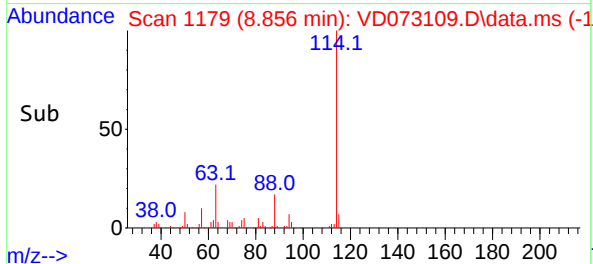
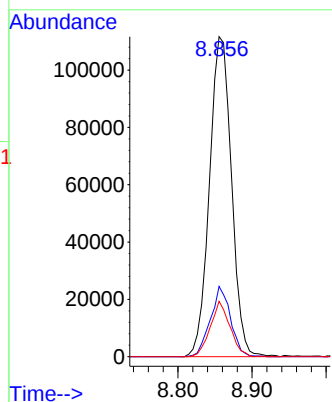
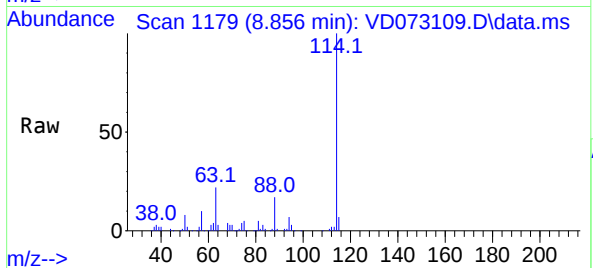




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073109.D
Acq: 18 May 2022 20:06

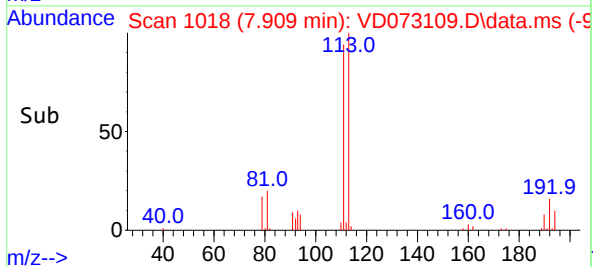
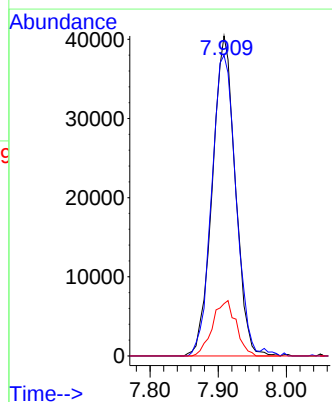
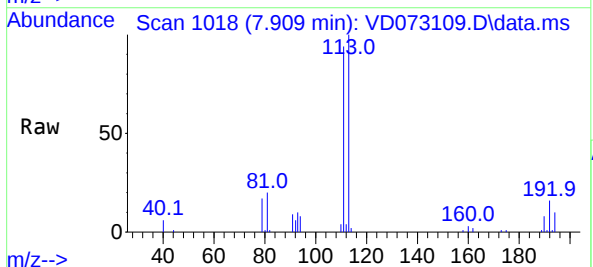
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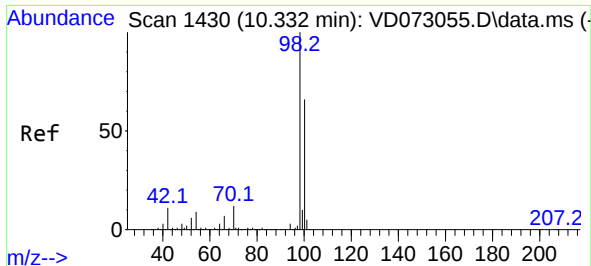
Tgt Ion:114 Resp: 230719
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.6
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 58.408 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073109.D
Acq: 18 May 2022 20:06

Tgt Ion:113 Resp: 94615
Ion Ratio Lower Upper
113 100
111 98.9 83.8 125.6
192 17.8 14.6 21.8

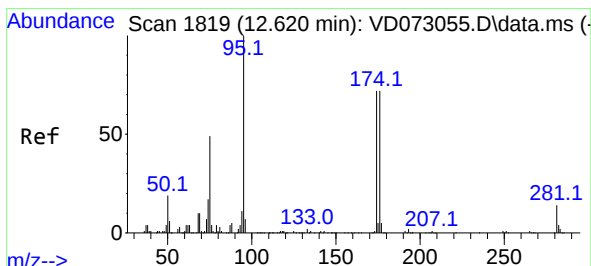
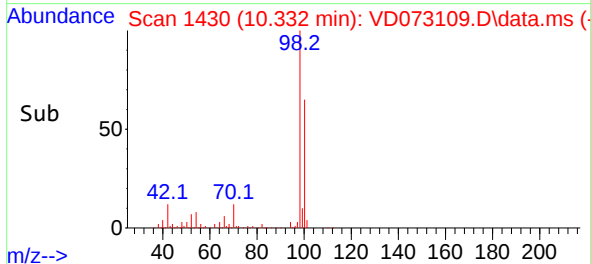
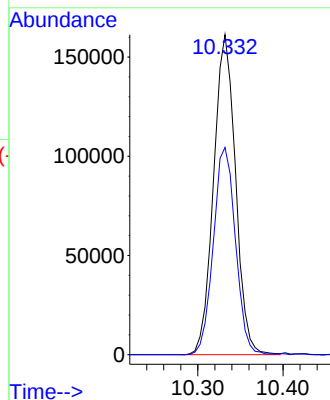
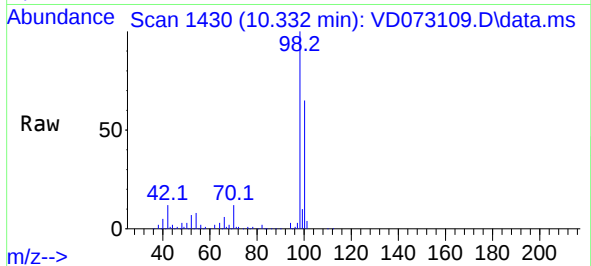




#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073109.D
Acq: 18 May 2022 20:06

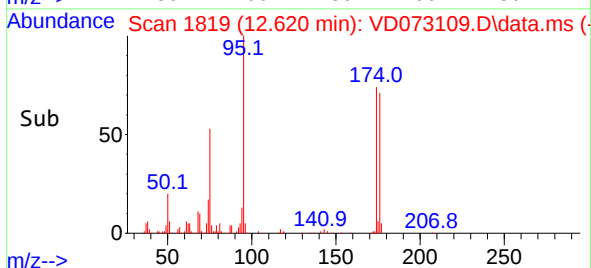
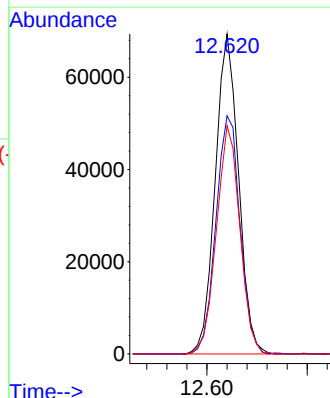
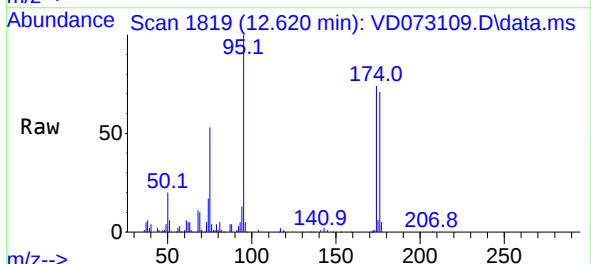
Instrument :
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ClientSampleId :
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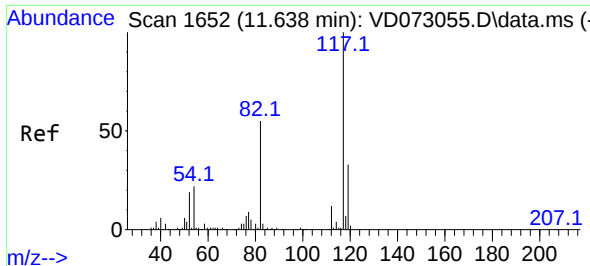
Tgt Ion: 98 Resp: 288844
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073109.D
Acq: 18 May 2022 20:06

Tgt Ion: 95 Resp: 111407
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 71.8 0.0 145.4

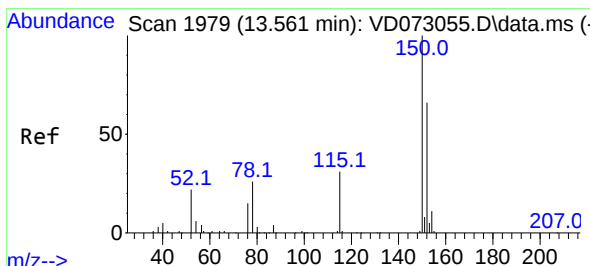
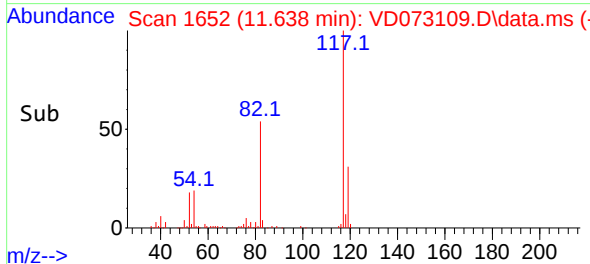
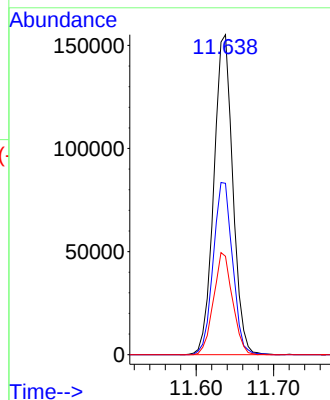
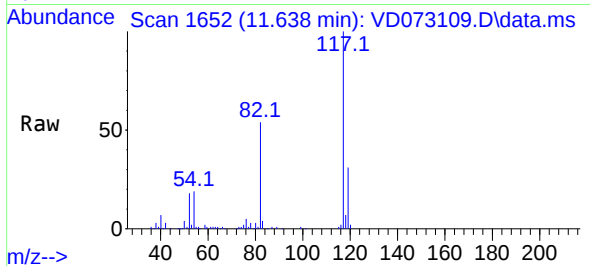




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073109.D
Acq: 18 May 2022 20:06

Instrument :
MSVOA_D
ClientSampleId :
SB11

Tgt Ion:117 Resp: 264014
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 30.7 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: VD073109.D
Acq: 18 May 2022 20:06

Tgt Ion:152 Resp: 119514
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 153.8 0.0 348.6

