

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073082.D
 Acq On : 18 May 2022 04:11
 Operator : VA/SY
 Sample : N2879-07
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-0516

Quant Time: May 18 05:15:00 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	155879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	274584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	313570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	146188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	122061	62.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.240%
35) Dibromofluoromethane	7.908	113	105252	54.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.332	98	348213	49.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.620	95	134515	53.101	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.200%

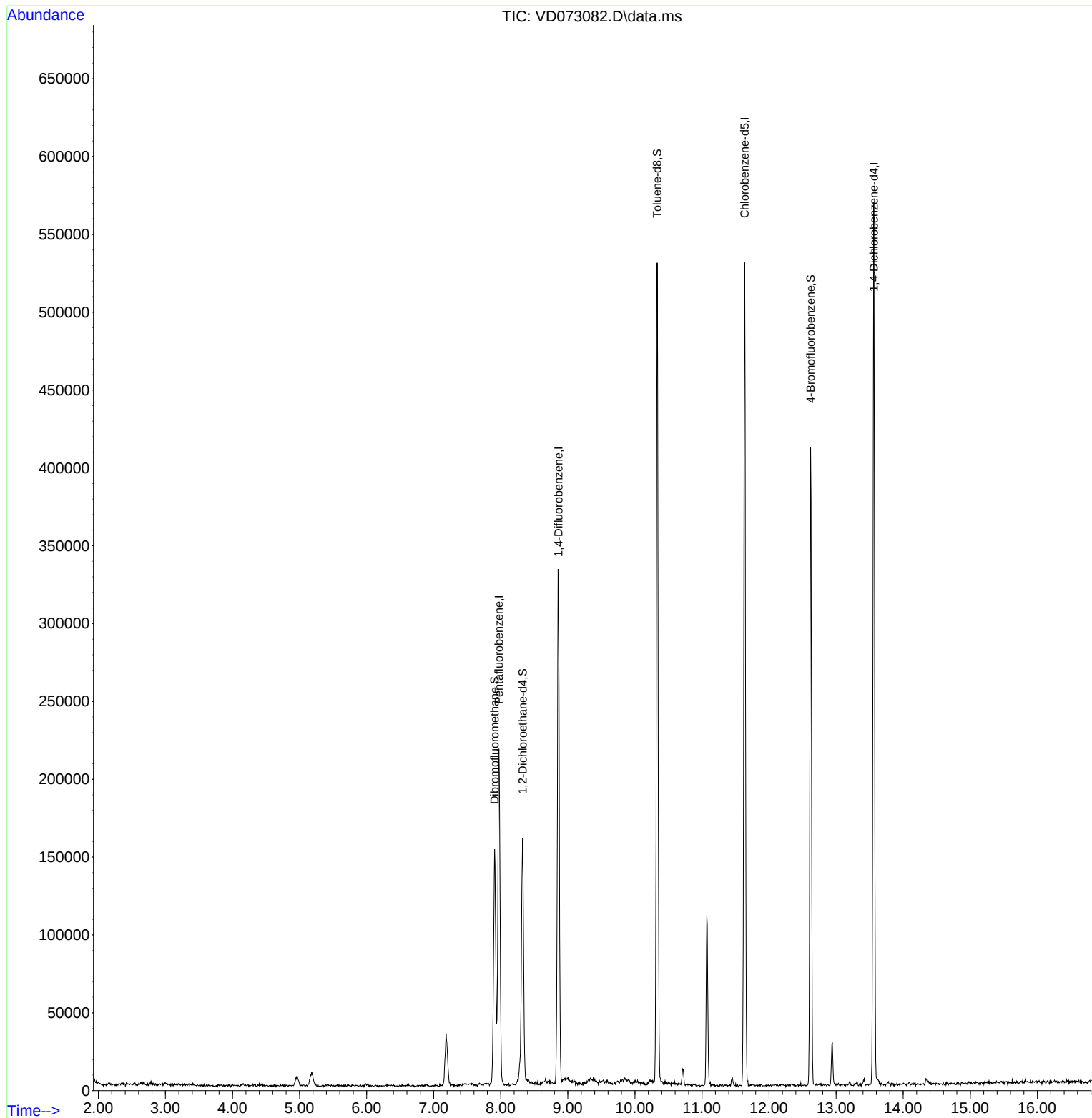
Target Compounds	Qvalue

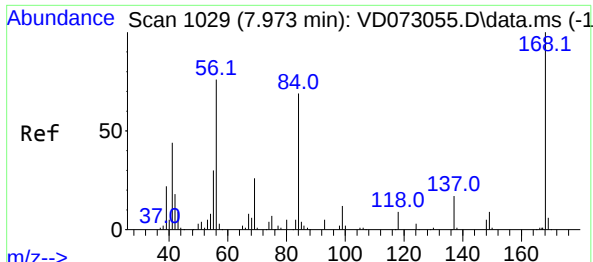
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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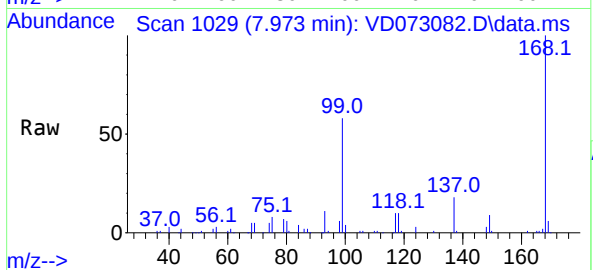
Quant Time: May 18 05:15:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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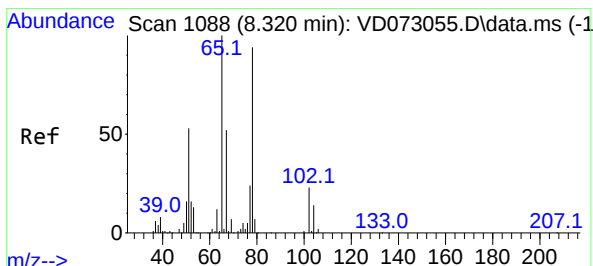
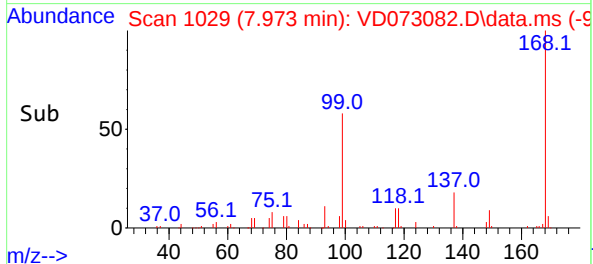
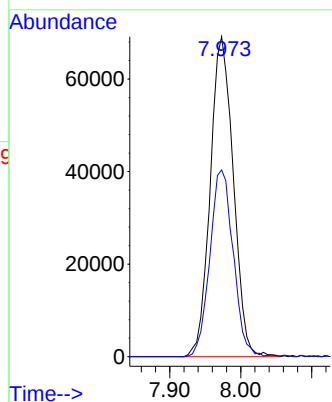


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

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ClientSampleId :
TP-3-0516

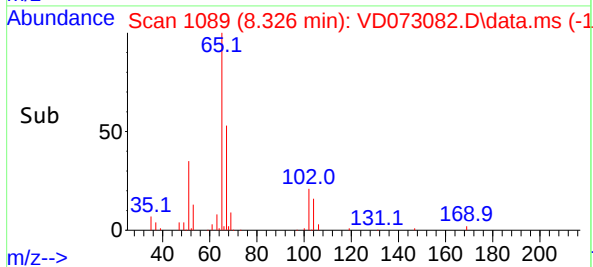
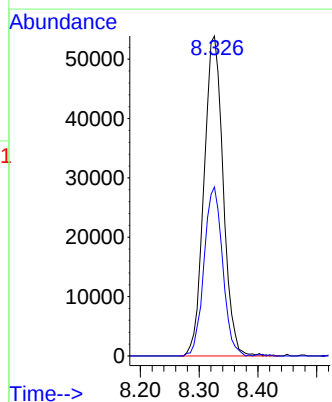
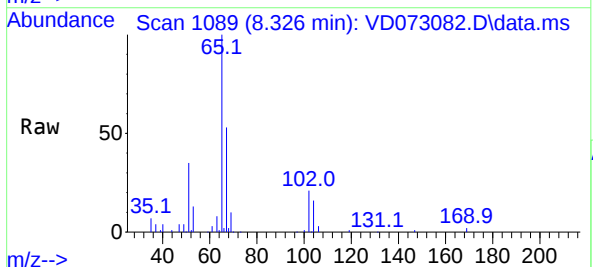


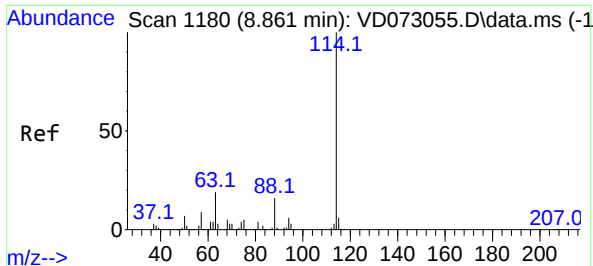
Tgt Ion:168 Resp: 155879
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.615 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion: 65 Resp: 122061
Ion Ratio Lower Upper
65 100
67 51.3 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: VD073082.D

Acq: 18 May 2022 04:11

Instrument :

MSVOA_D

ClientSampleId :

TP-3-0516

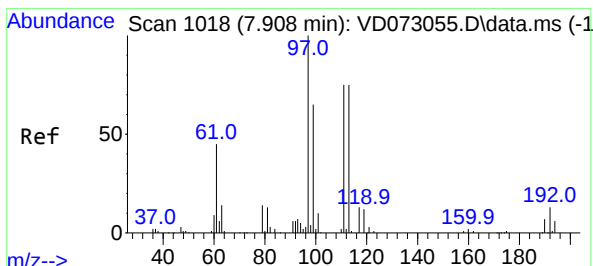
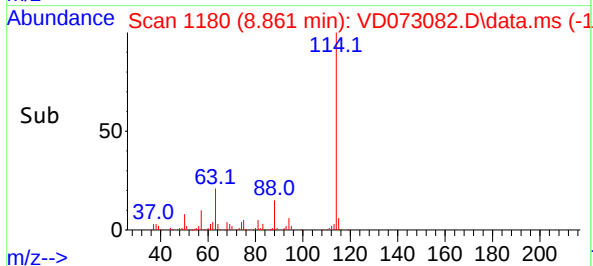
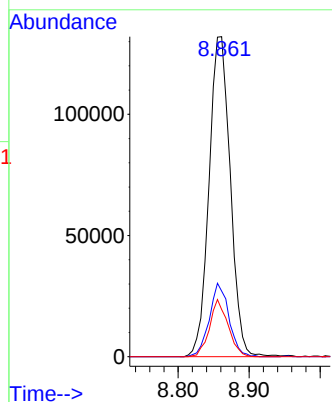
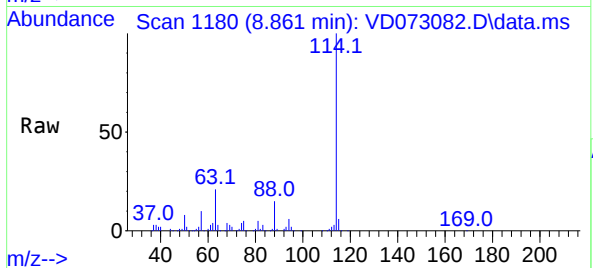
Tgt Ion:114 Resp: 274584

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.594 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073082.D

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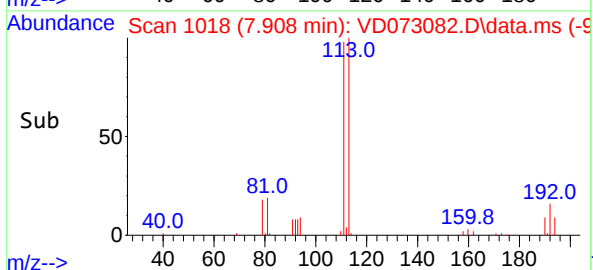
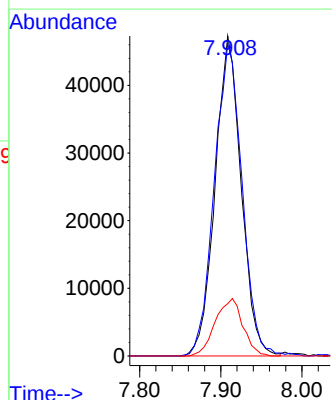
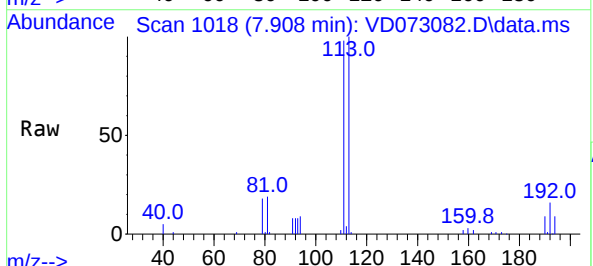
Tgt Ion:113 Resp: 105252

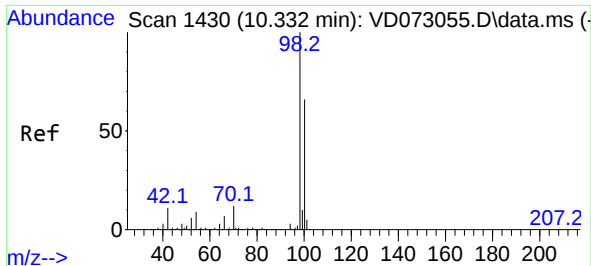
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 19.0 14.6 21.8

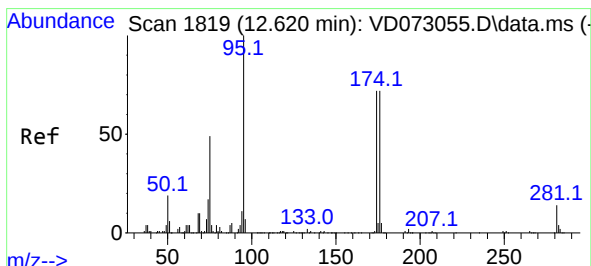
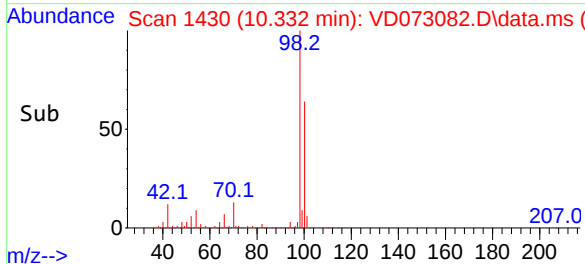
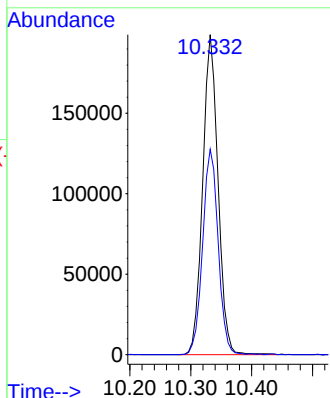
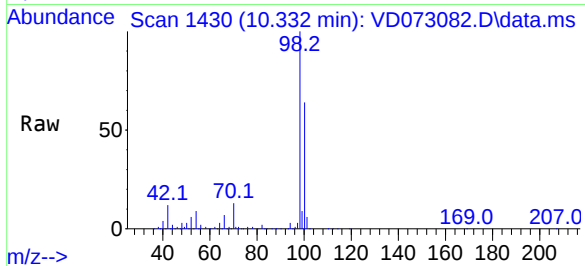




#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

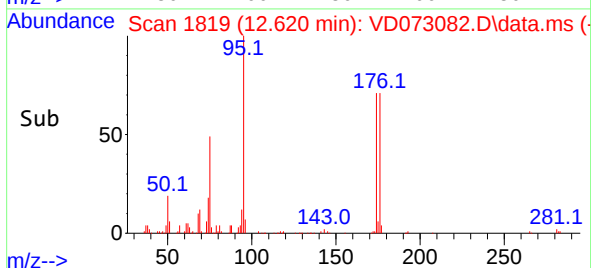
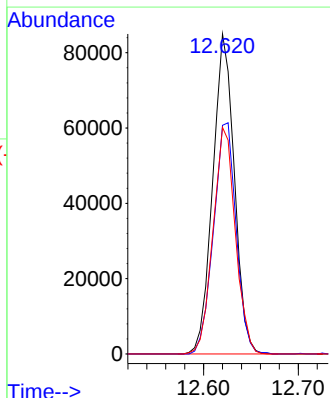
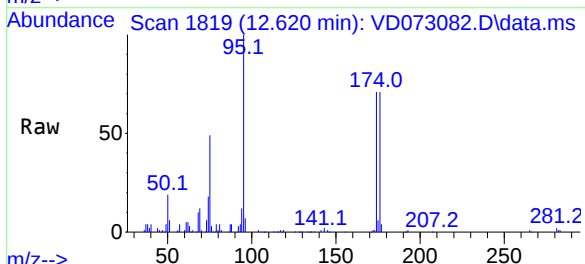
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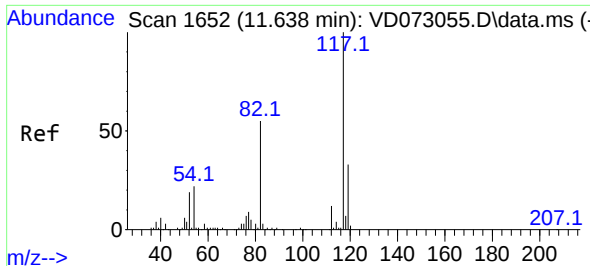
Tgt Ion: 98 Resp: 348213
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion: 95 Resp: 134515
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.2 0.0 145.4

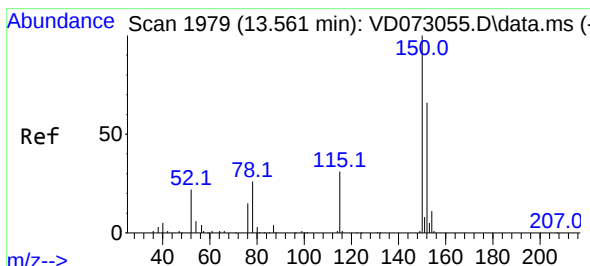
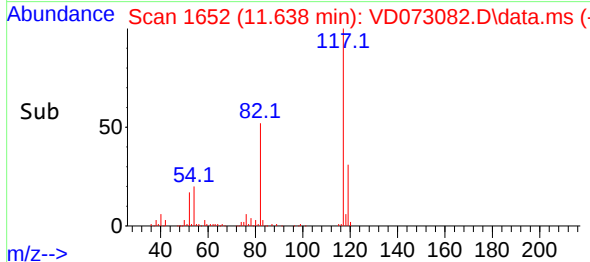
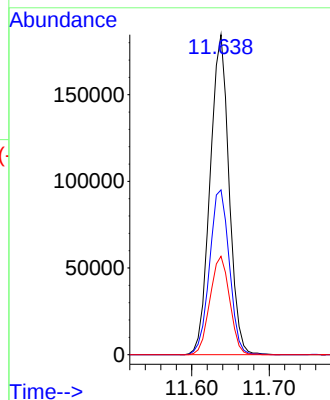
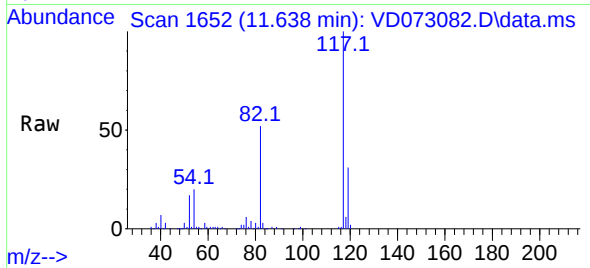




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073082.D
Acq: 18 May 2022 04:11

Instrument :
MSVOA_D
ClientSampleId :
TP-3-0516

Tgt Ion:117 Resp: 313570
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 30.8 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: VD073082.D
Acq: 18 May 2022 04:11

Tgt Ion:152 Resp: 146188
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 156.6 0.0 348.6

