

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073083.D
 Acq On : 18 May 2022 04:40
 Operator : VA/SY
 Sample : N2879-10
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-0516

Quant Time: May 18 05:15:16 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	285806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	521054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163134	45.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.908	113	177937	48.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.332	98	638797	48.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.620	95	233726	48.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.240%

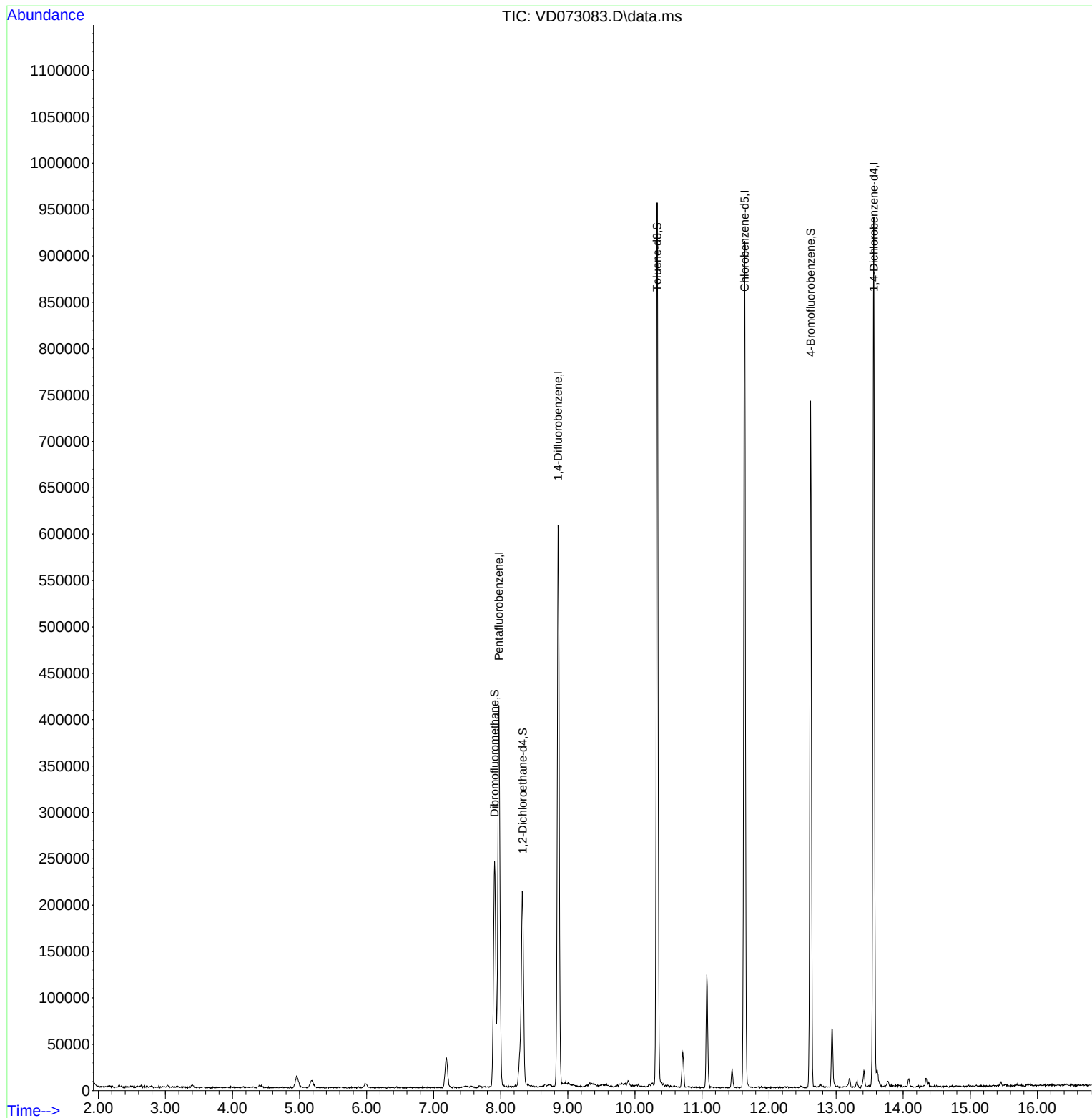
Target Compounds	Qvalue

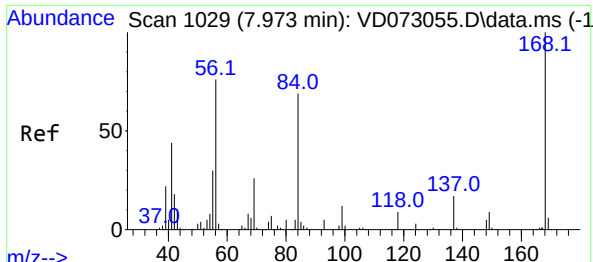
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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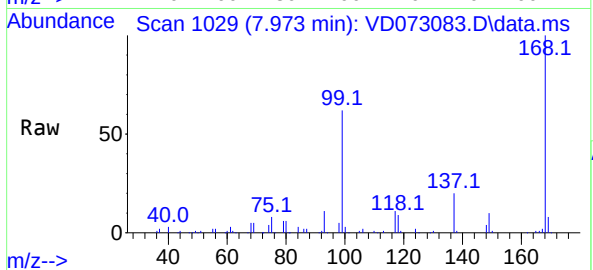
Quant Time: May 18 05:15:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



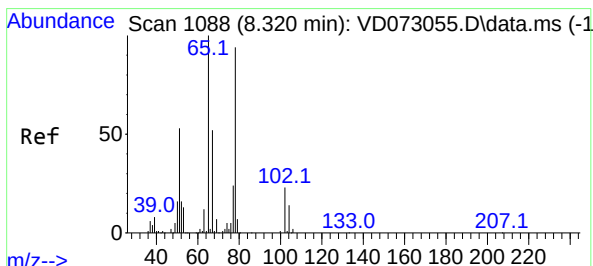
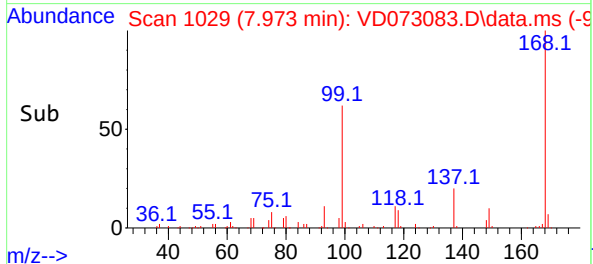
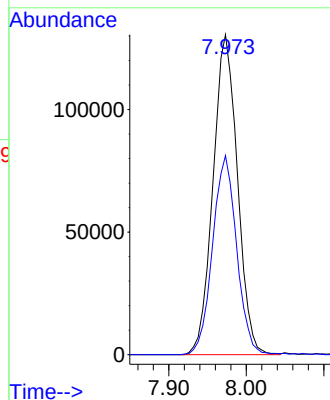


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Instrument :
MSVOA_D
ClientSampleId :
TP-4-0516

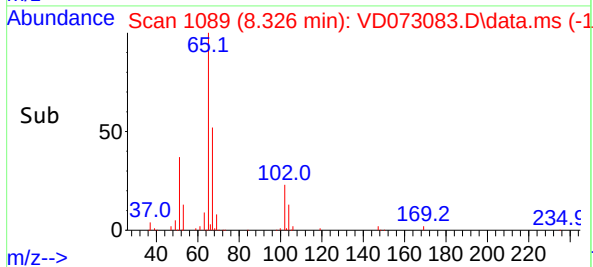
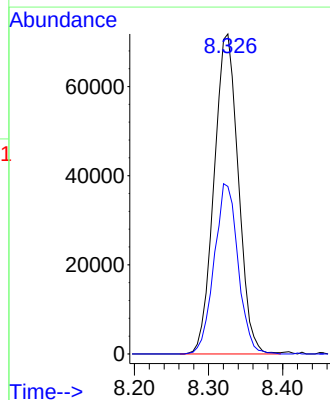
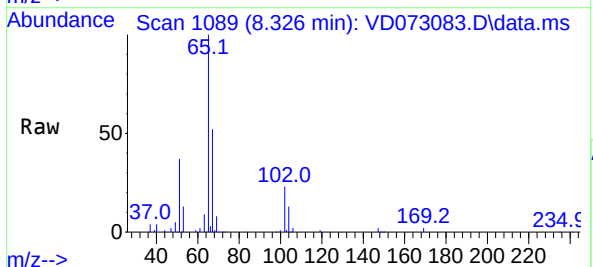


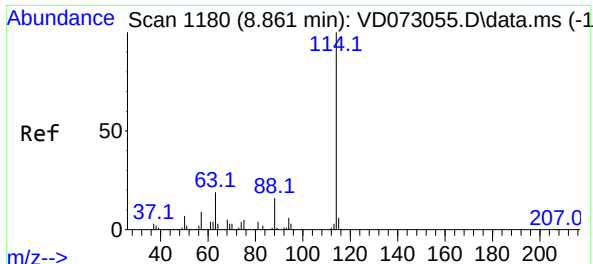
Tgt Ion:168 Resp: 285806
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.642 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Tgt Ion: 65 Resp: 163134
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

Instrument :

MSVOA_D

ClientSampleId :

TP-4-0516

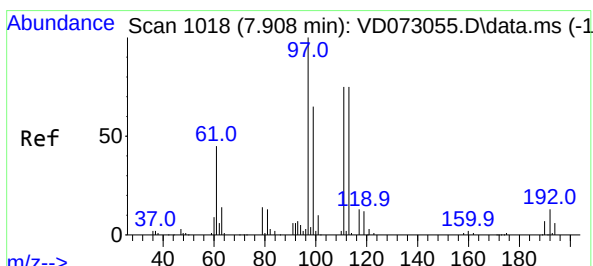
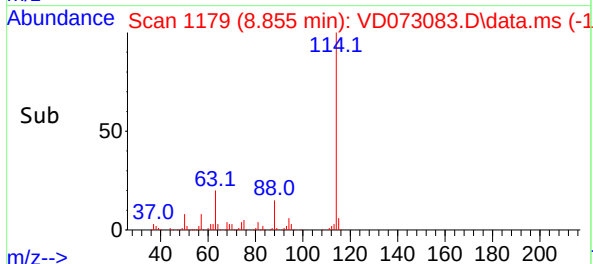
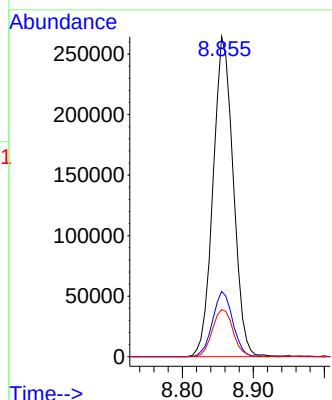
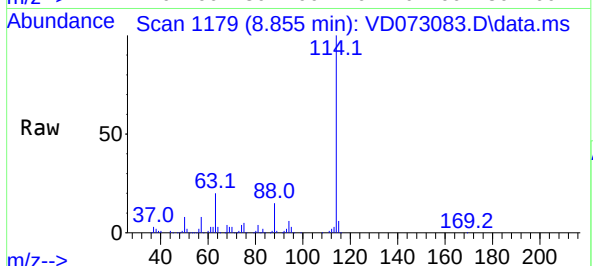
Tgt Ion:114 Resp: 521054

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

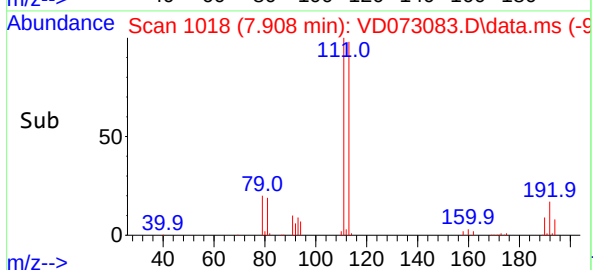
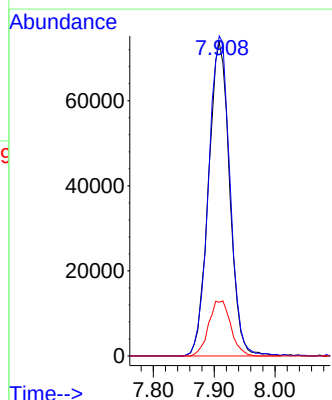
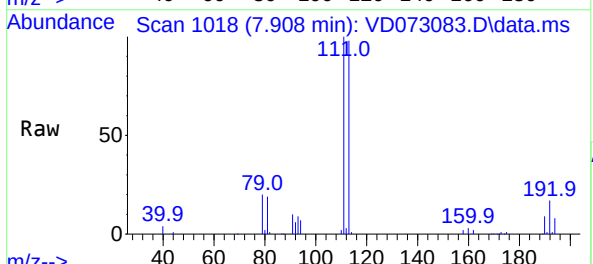
Tgt Ion:113 Resp: 177937

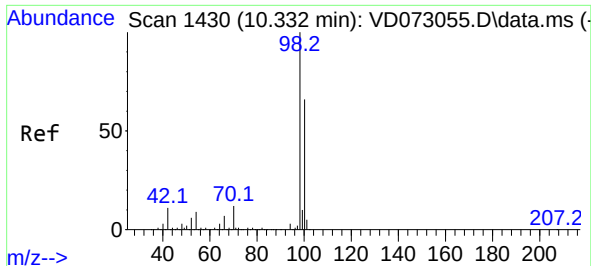
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.3 14.6 21.8

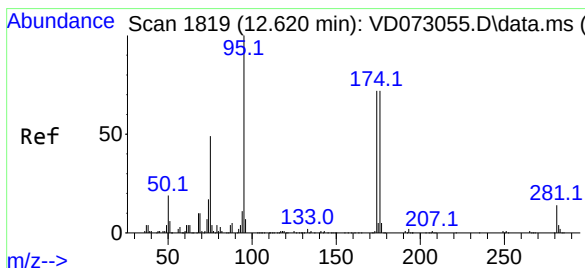
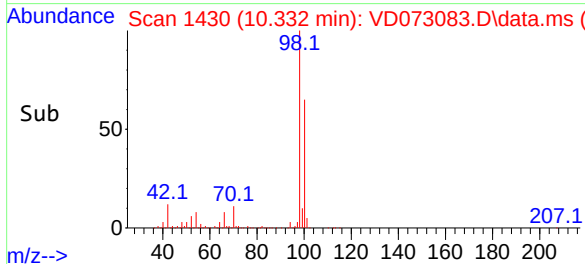
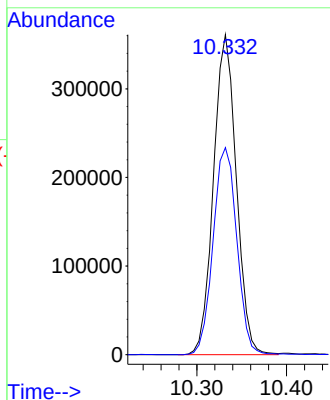
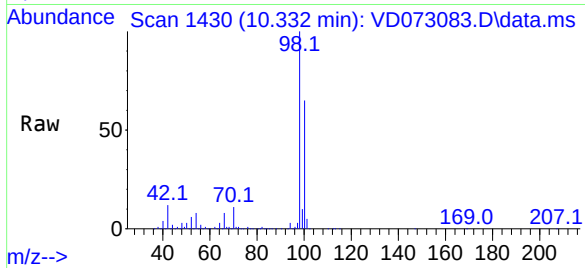




#50
Toluene-d8
Concen: 48.132 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

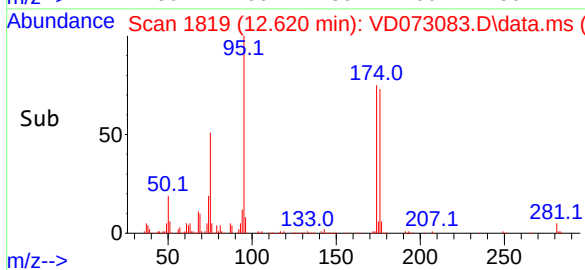
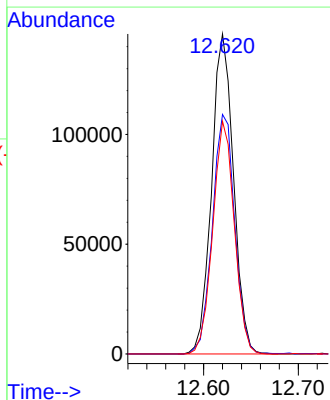
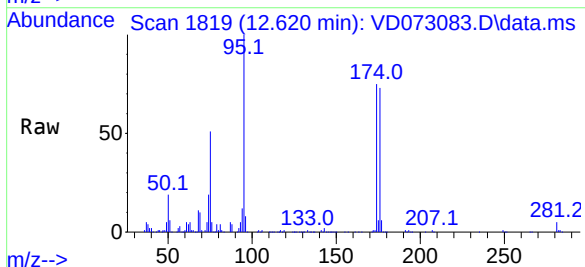
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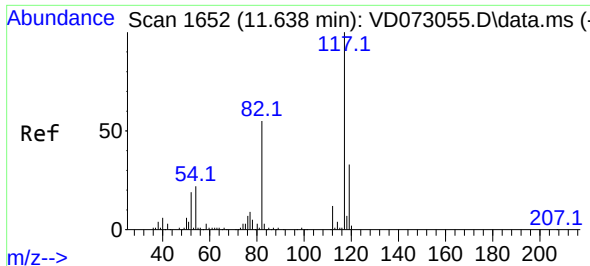
Tgt Ion: 98 Resp: 638797
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.622 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

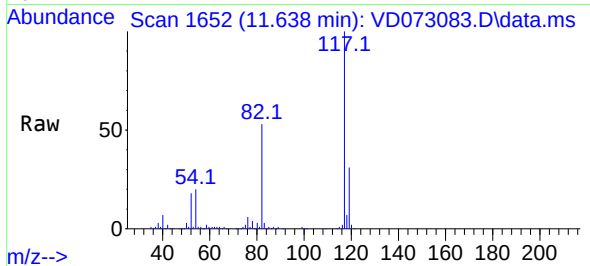
Tgt Ion: 95 Resp: 233726
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 71.7 0.0 145.4



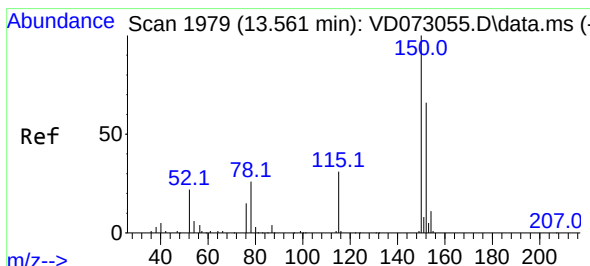
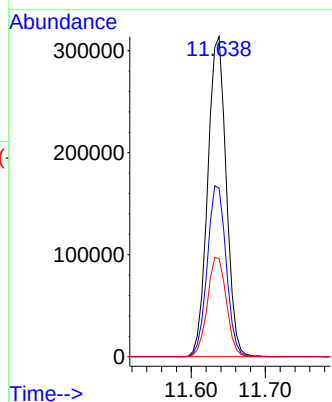


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

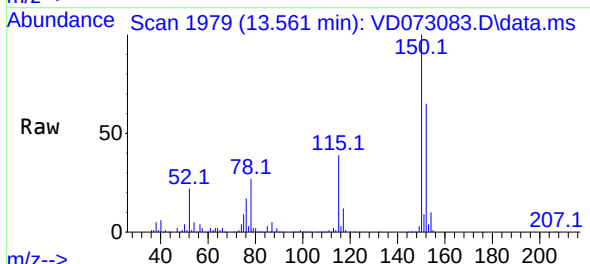
Instrument :
MSVOA_D
ClientSampleId :
TP-4-0516



Tgt Ion:117 Resp: 543739
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 30.6 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: VD073083.D
Acq: 18 May 2022 04:40



Tgt Ion:152 Resp: 240294
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 160.4 0.0 348.6

