

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073466.D
 Acq On : 02 Jun 2022 12:29
 Operator : VA/SY
 Sample : N3113-03
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-346

Quant Time: Jun 03 01:29:03 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	273560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	499350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135503	44.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.908	113	160301	48.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.300%
50) Toluene-d8	10.332	98	609075	50.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.620	95	223352	52.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.800%

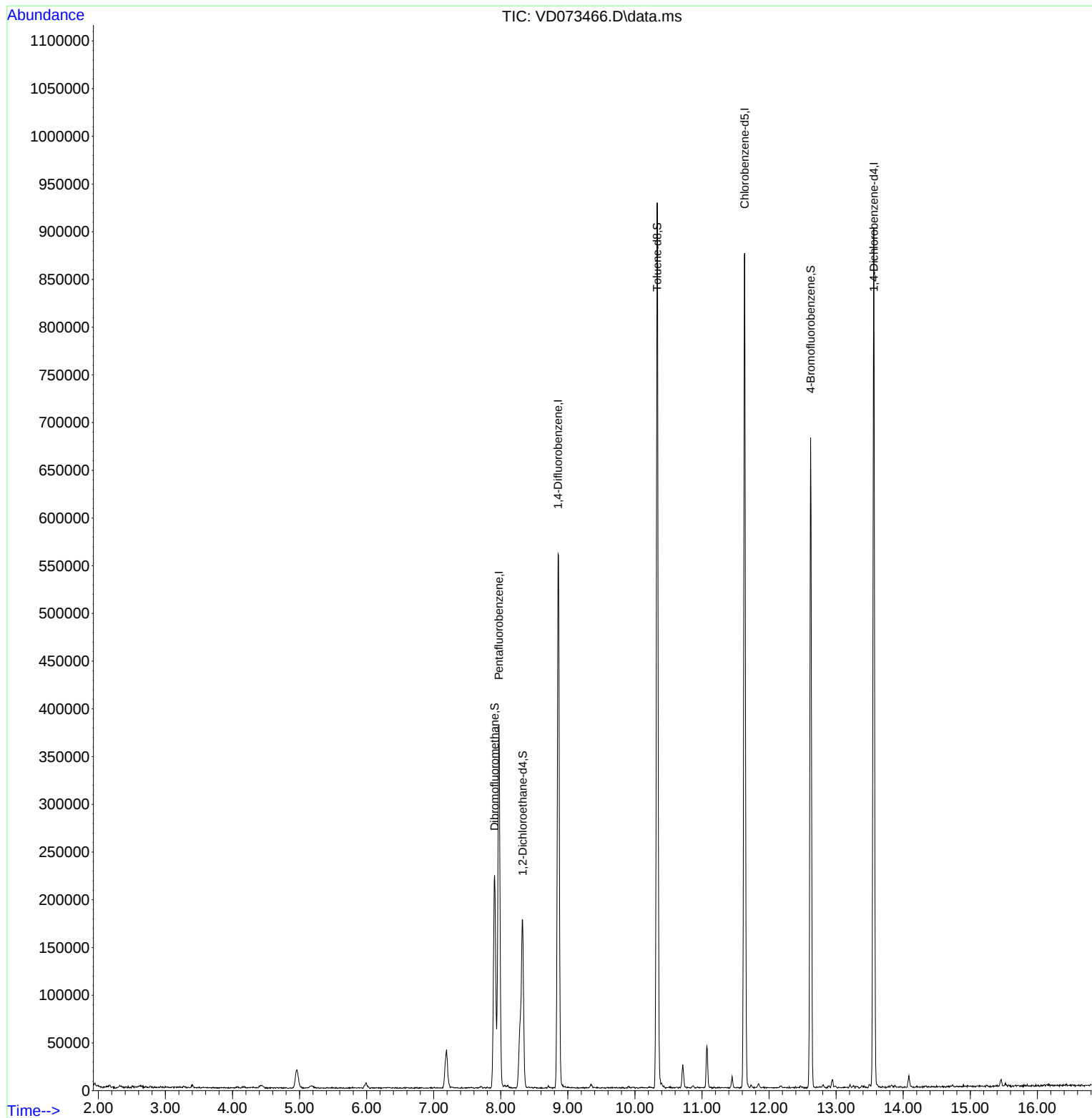
Target Compounds	Qvalue

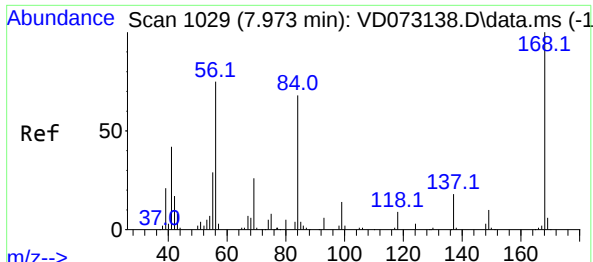
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073466.D

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Instrument :

MSVOA_D

ClientSampleId :

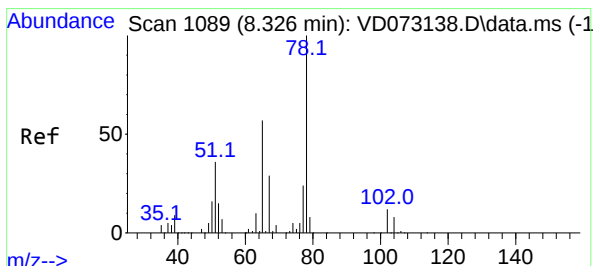
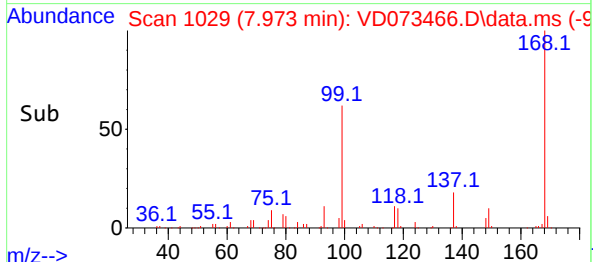
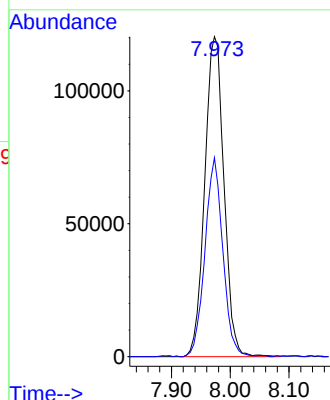
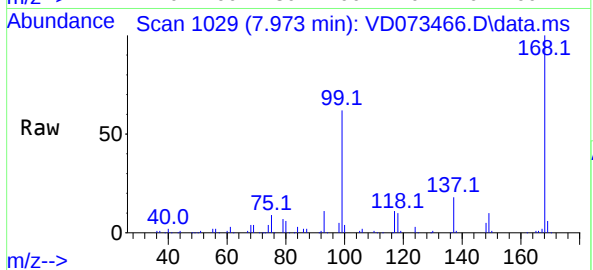
RBR-346

Tgt Ion:168 Resp: 273560

Ion Ratio Lower Upper

168 100

99 62.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.821 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073466.D

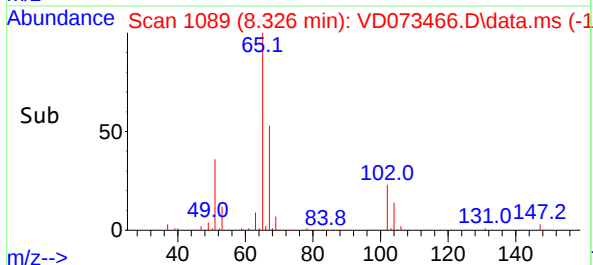
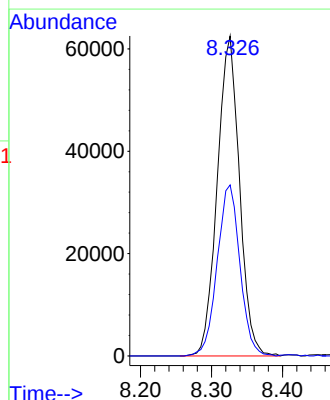
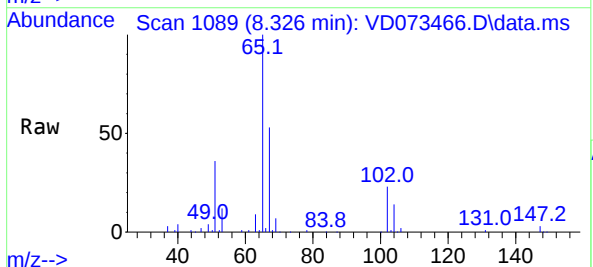
Acq: 02 Jun 2022 12:29

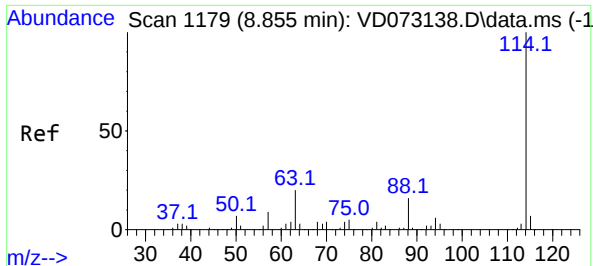
Tgt Ion: 65 Resp: 135503

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4

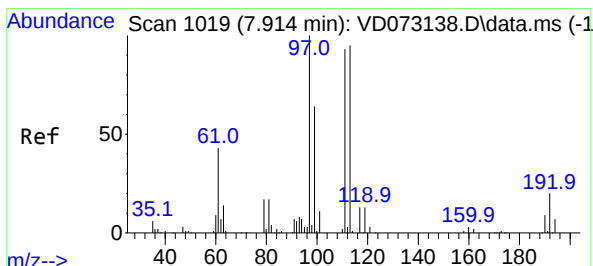
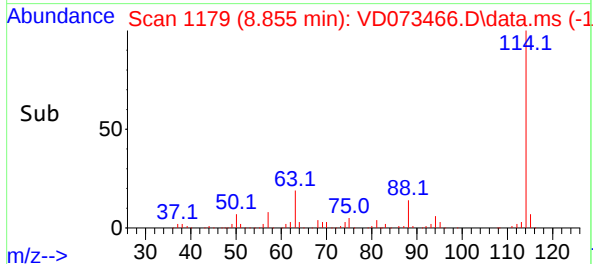
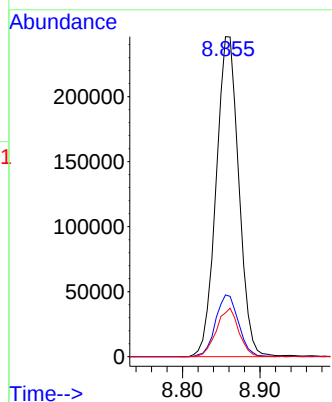
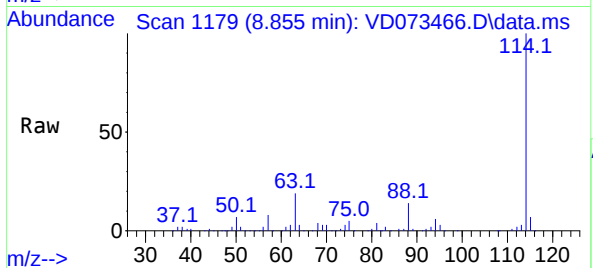




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

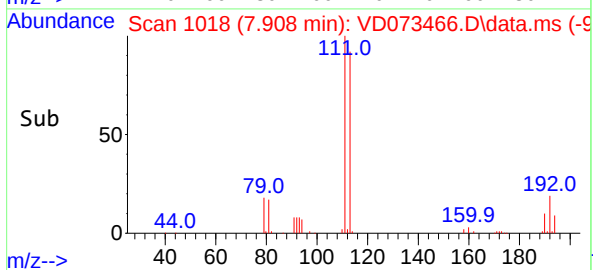
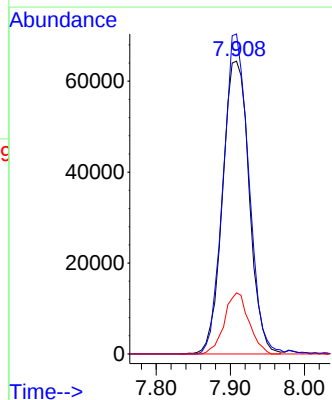
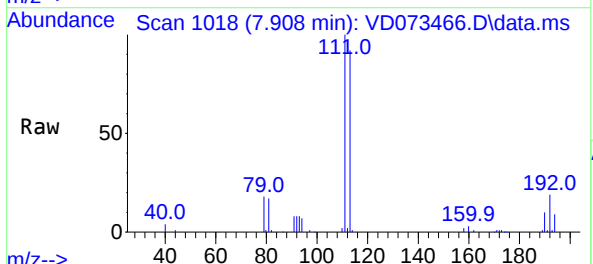
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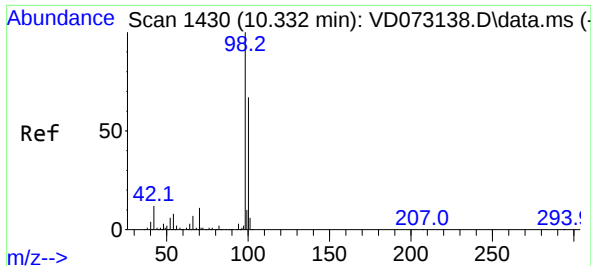
Tgt Ion:114 Resp: 499350
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 13.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.649 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Tgt Ion:113 Resp: 160301
Ion Ratio Lower Upper
113 100
111 105.7 83.8 125.6
192 19.2 14.6 21.8

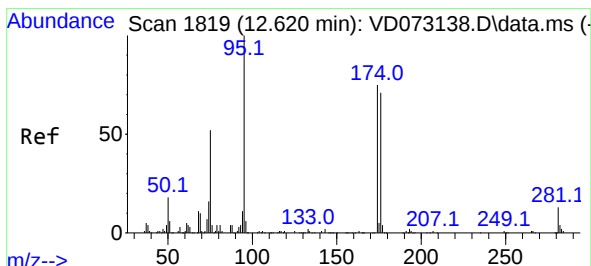
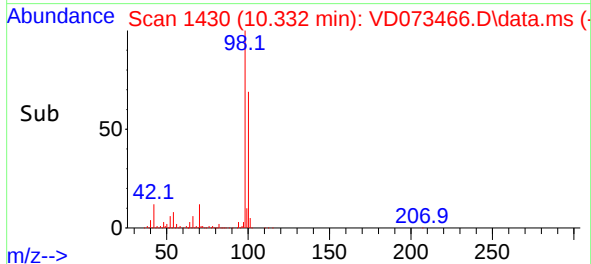
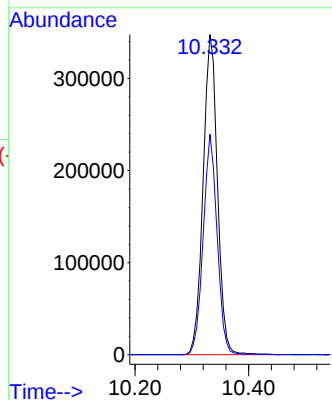
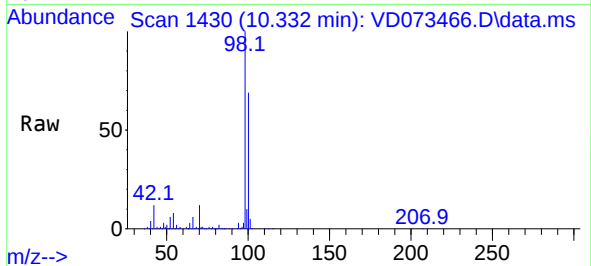




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

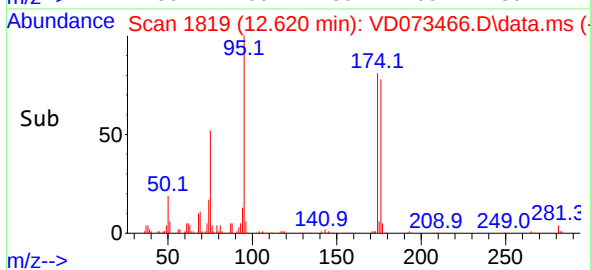
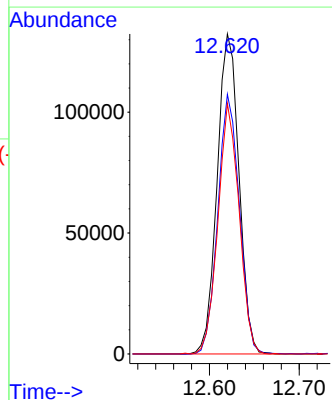
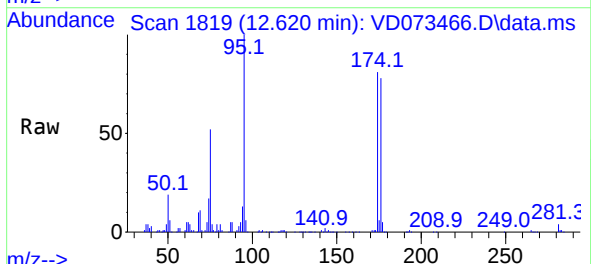
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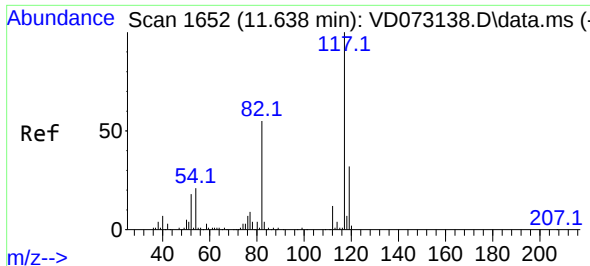
Tgt Ion: 98 Resp: 609075
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

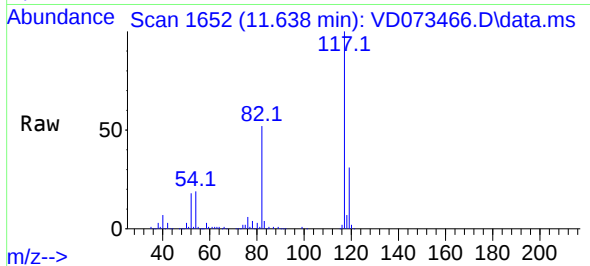
Tgt Ion: 95 Resp: 223352
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 75.9 0.0 145.4



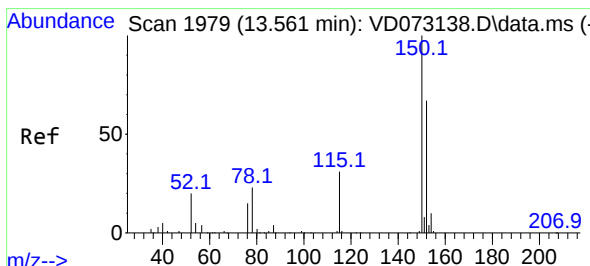
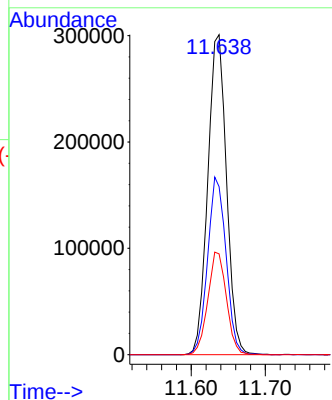


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

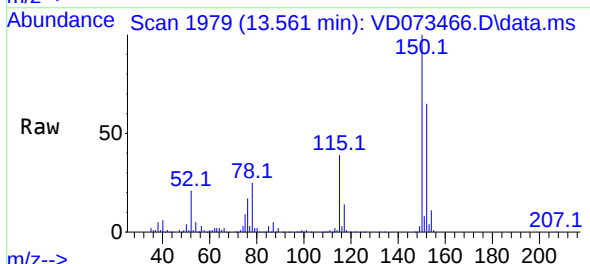
Instrument :
MSVOA_D
ClientSampleId :
RBR-346



Tgt Ion:117 Resp: 528062
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 31.5 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: VD073466.D
Acq: 02 Jun 2022 12:29



Tgt Ion:152 Resp: 238548
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 156.7 0.0 348.6

