

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073343.D
 Acq On : 25 May 2022 01:23
 Operator : VA/SY
 Sample : N2949-24
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS004-0006-01

Quant Time: May 25 05:32:55 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	7.979	168	296626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176135	53.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.460%
35) Dibromofluoromethane	7.909	113	180027	51.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.332	98	644922	50.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.620	95	292561	64.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.440%

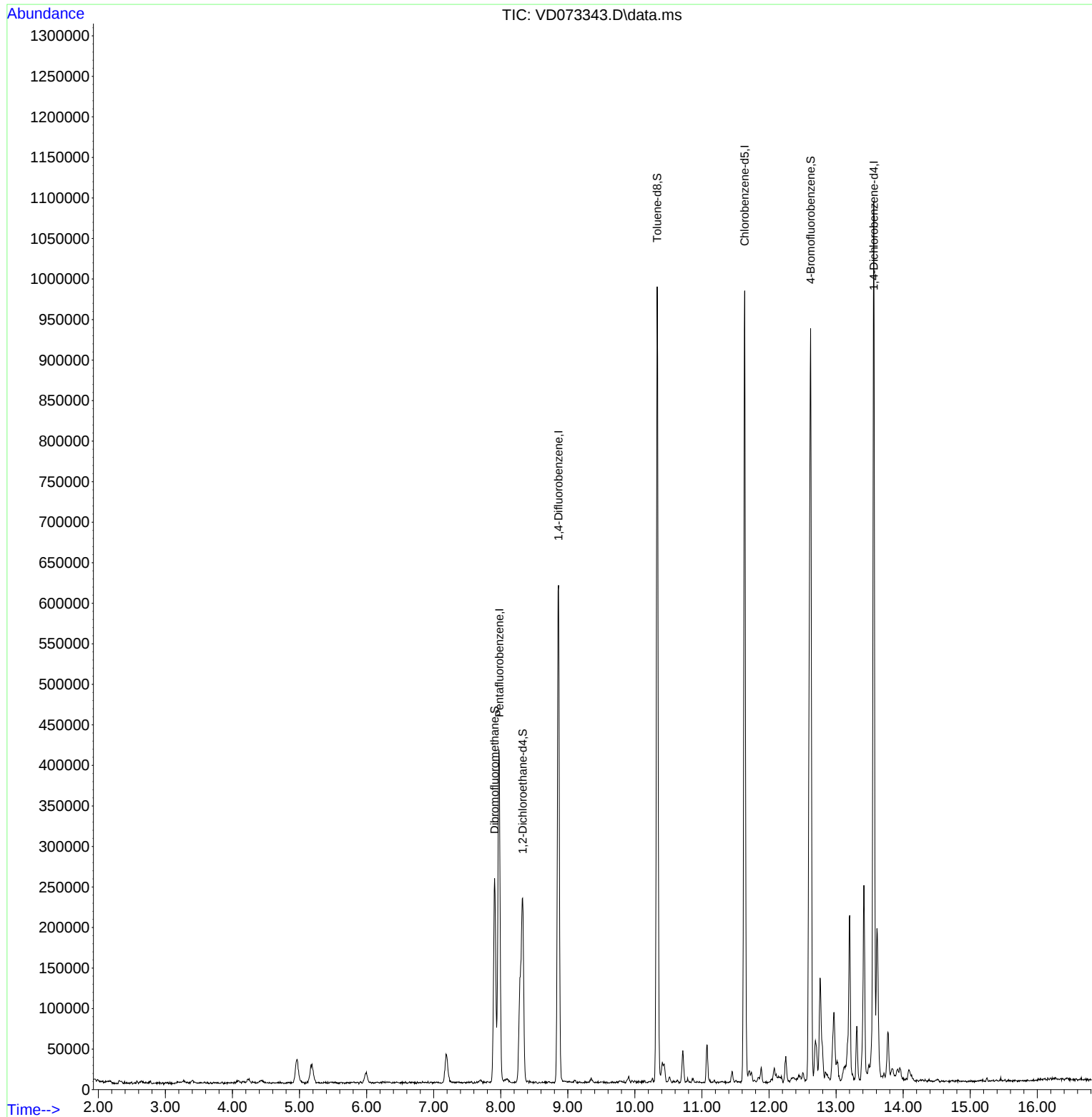
Target Compounds	Qvalue

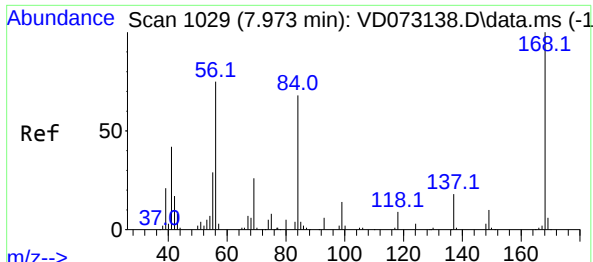
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

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MSVOA_D

ClientSampleId :

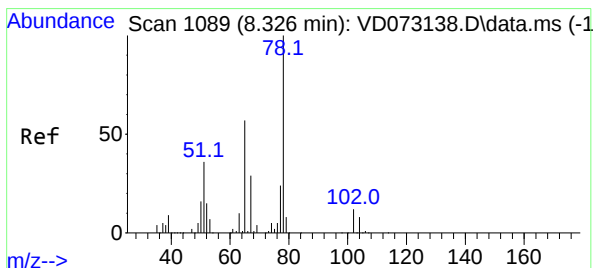
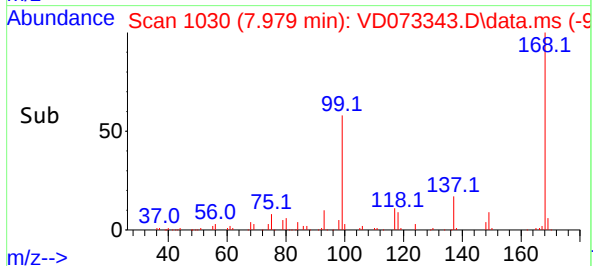
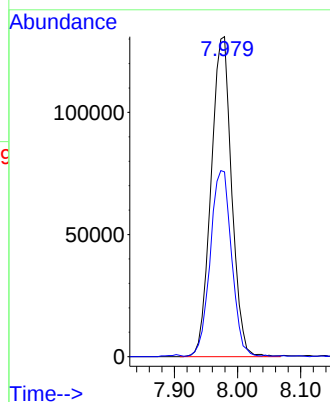
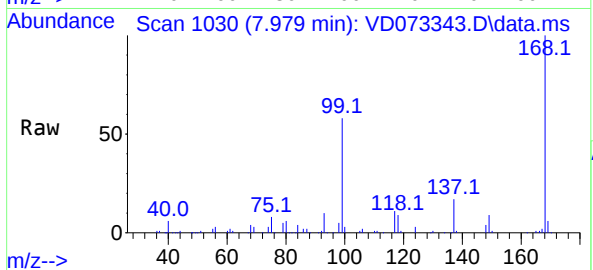
P044-SS004-0006-01

Tgt Ion:168 Resp: 296626

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 53.730 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073343.D

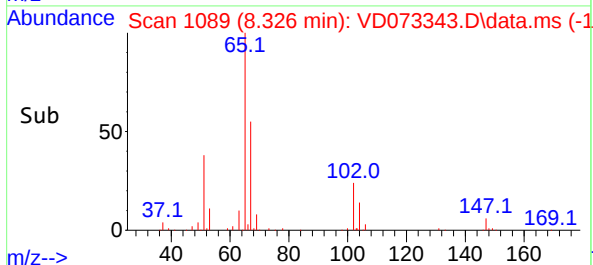
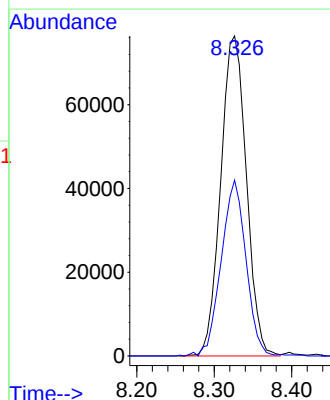
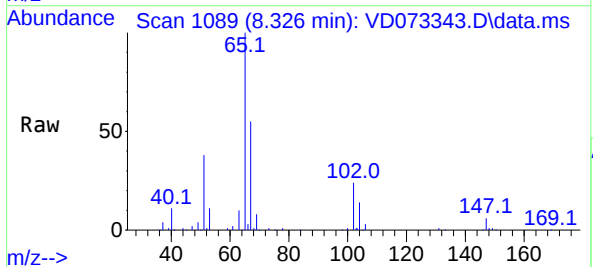
Acq: 25 May 2022 01:23

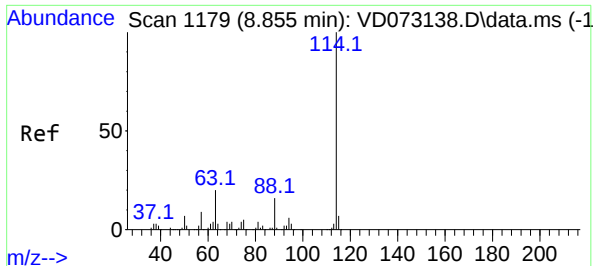
Tgt Ion: 65 Resp: 176135

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073343.D

Acq: 25 May 2022 01:23

Instrument :

MSVOA_D

ClientSampleId :

P044-SS004-0006-01

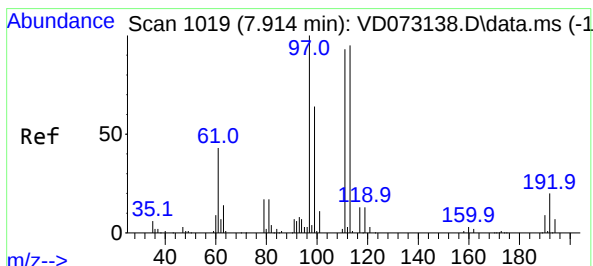
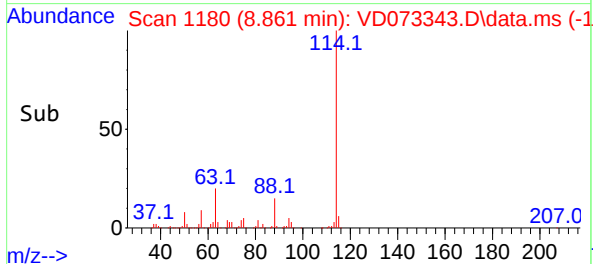
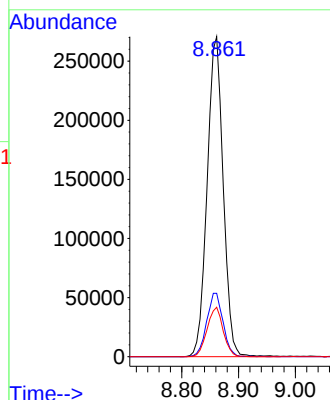
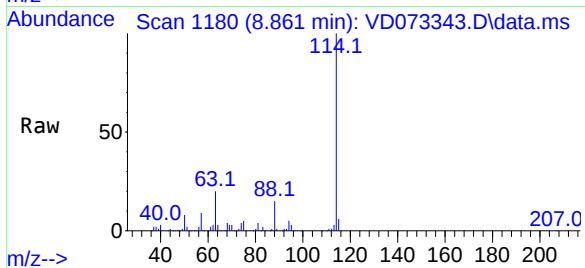
Tgt Ion:114 Resp: 529554

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.519 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073343.D

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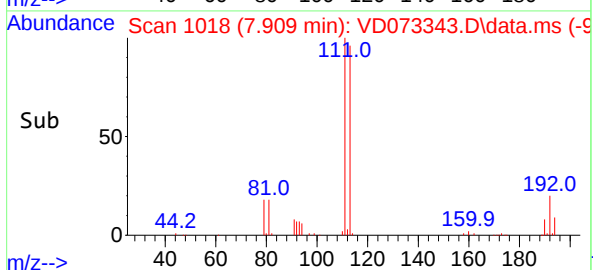
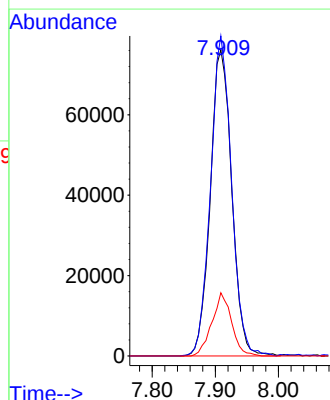
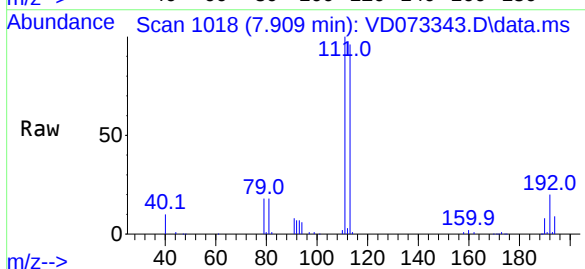
Tgt Ion:113 Resp: 180027

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.9 14.6 21.8

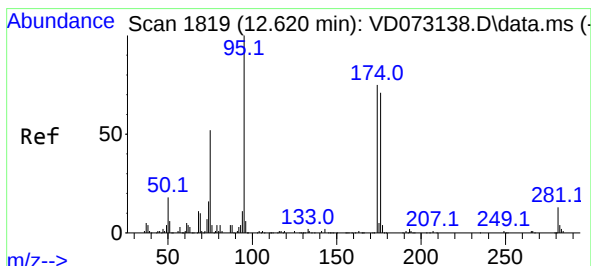
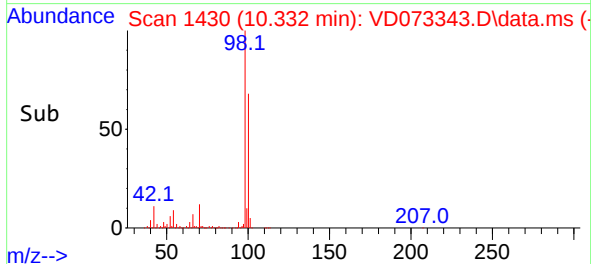
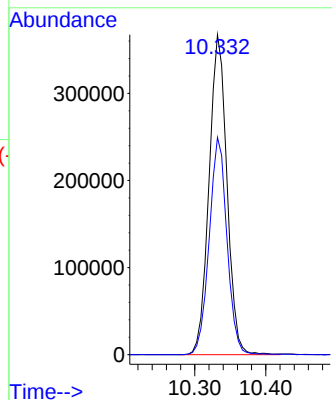
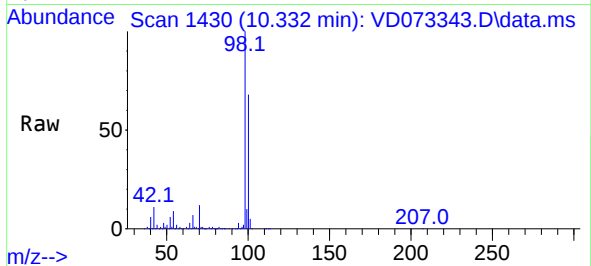




#50
Toluene-d8
Concen: 50.068 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

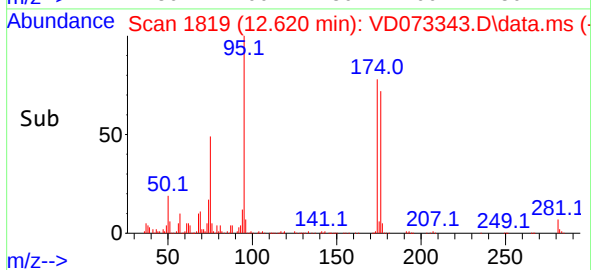
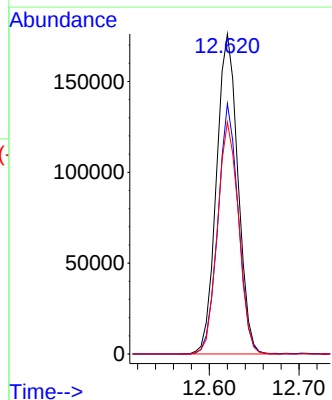
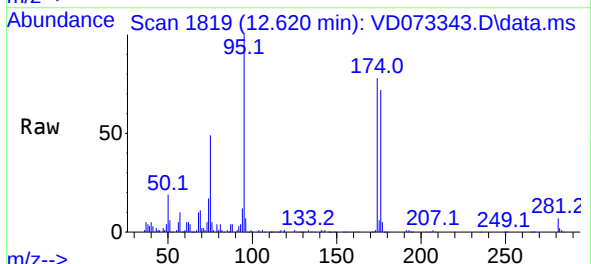
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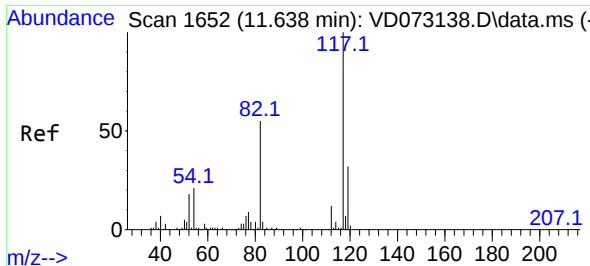
Tgt Ion: 98 Resp: 644922
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 64.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion: 95 Resp: 292561
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 71.3 0.0 145.4

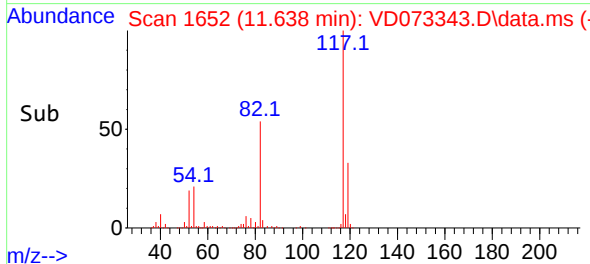
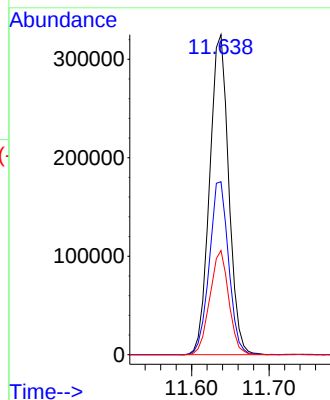
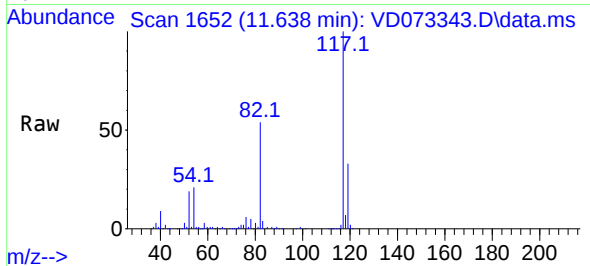




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073343.D
Acq: 25 May 2022 01:23

Instrument :
MSVOA_D
ClientSampleId :
P044-SS004-0006-01

Tgt Ion:117 Resp: 557389
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.5 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: VD073343.D
Acq: 25 May 2022 01:23

Tgt Ion:152 Resp: 282721
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 156.4 0.0 348.6

