

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073331.D
 Acq On : 24 May 2022 18:15
 Operator : VA/SY
 Sample : N2949-18
 Misc : 7.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-2430-01

Quant Time: May 25 05:28:41 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	33367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	64620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	30963	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	29421	79.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.580%
35) Dibromofluoromethane	7.902	113	25587	70.437	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.880%
50) Toluene-d8	10.332	98	70627	52.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.620	95	27601	58.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.460%

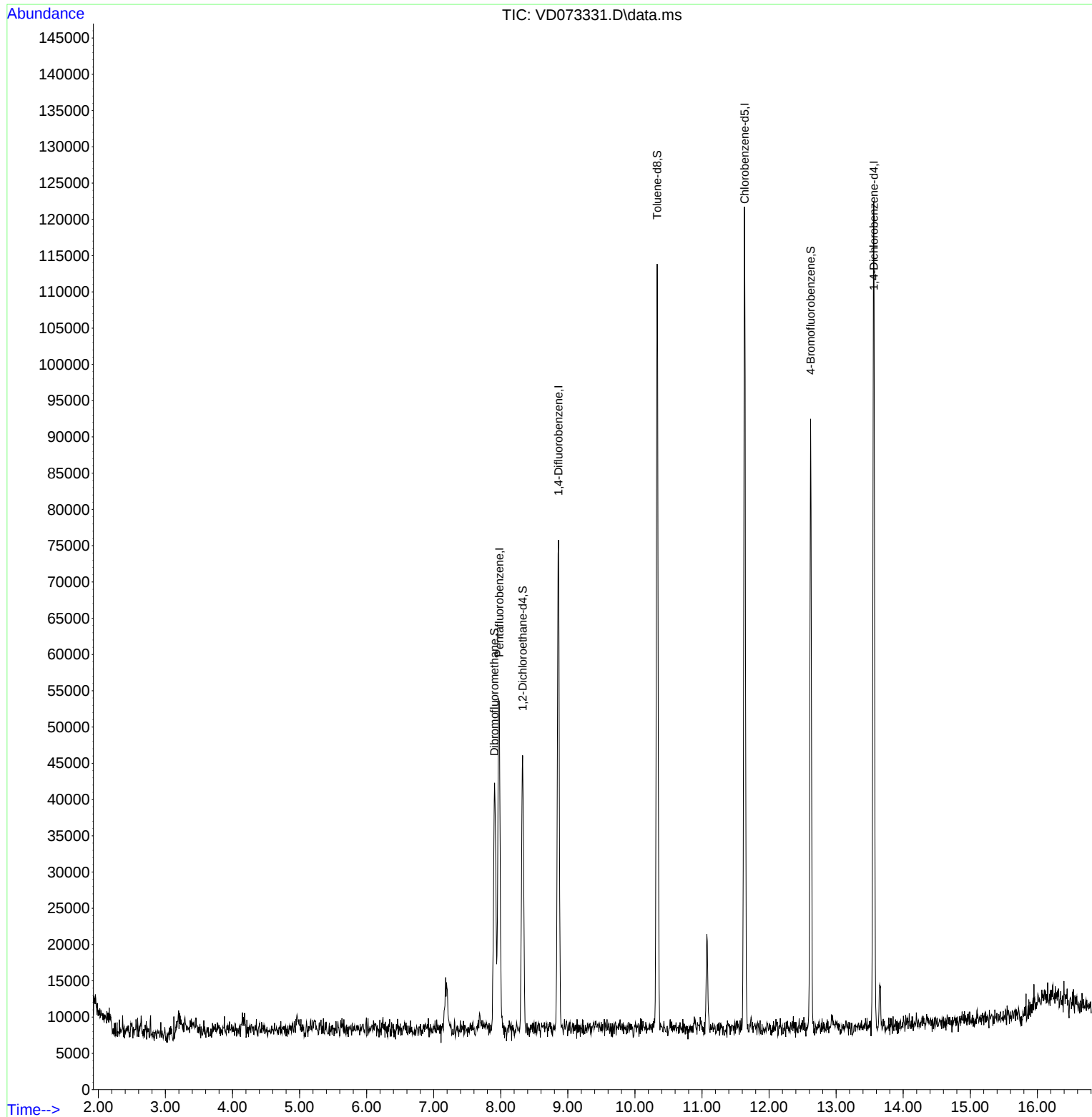
Target Compounds	Qvalue

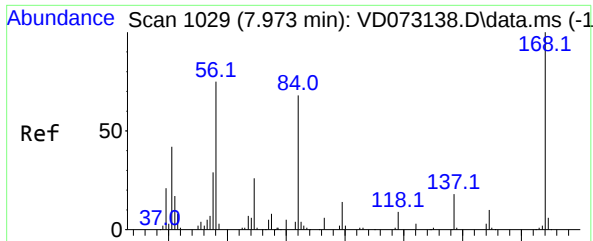
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073331.D

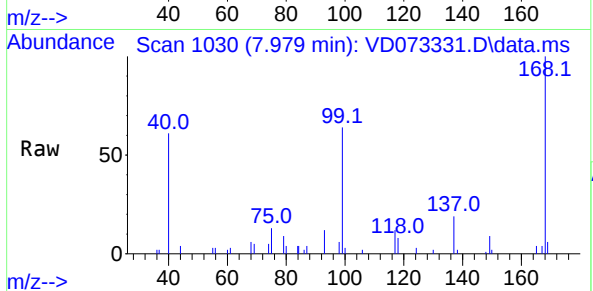
Acq: 24 May 2022 18:15

Instrument :

MSVOA_D

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P044-SS001-2430-01

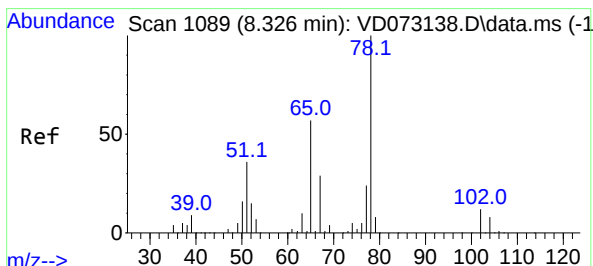
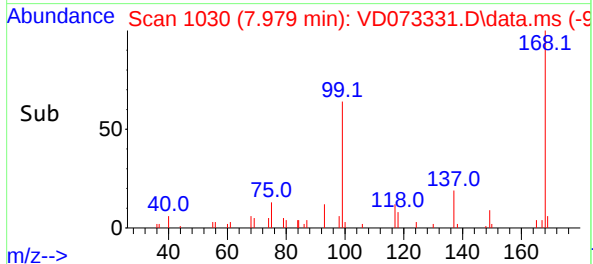
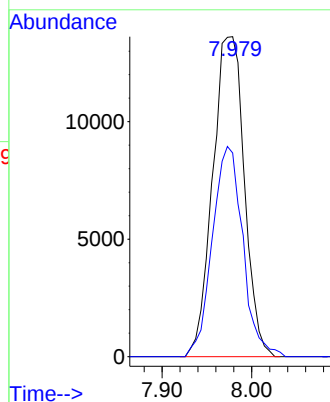


Tgt Ion:168 Resp: 33367

Ion Ratio Lower Upper

168 100

99 63.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 79.785 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073331.D

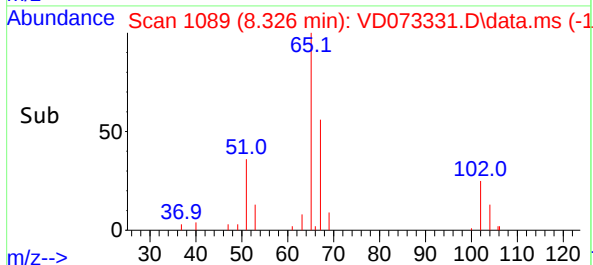
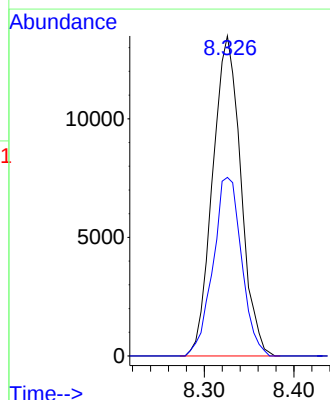
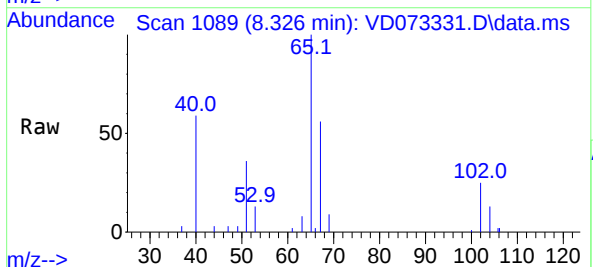
Acq: 24 May 2022 18:15

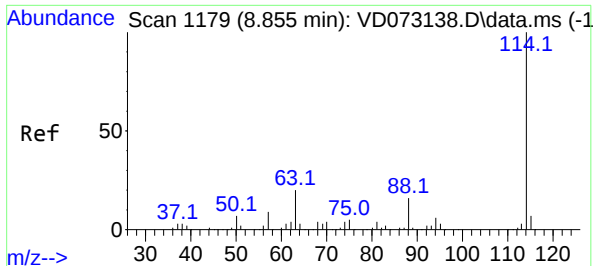
Tgt Ion: 65 Resp: 29421

Ion Ratio Lower Upper

65 100

67 56.6 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: VD073331.D

Acq: 24 May 2022 18:15

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-2430-01

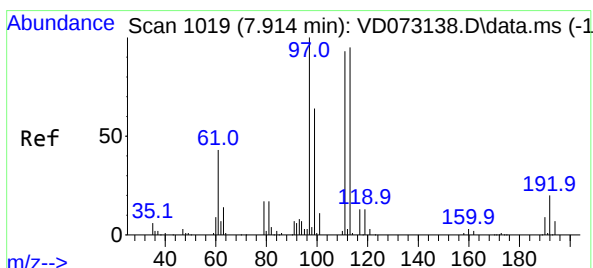
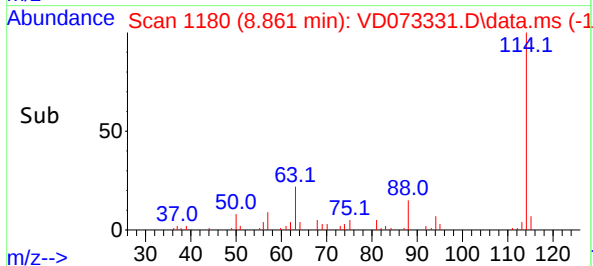
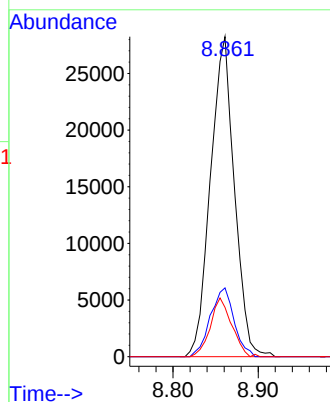
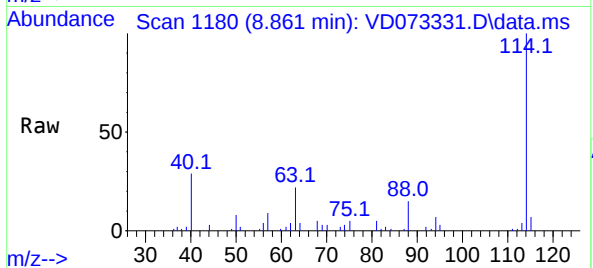
Tgt Ion:114 Resp: 55051

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 70.437 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD073331.D

Acq: 24 May 2022 18:15

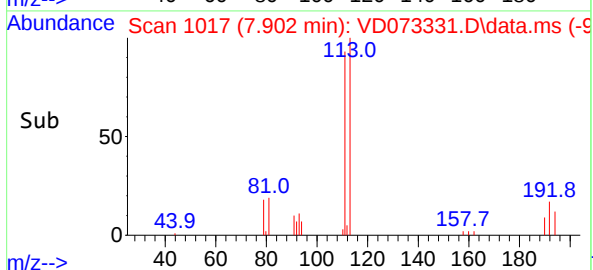
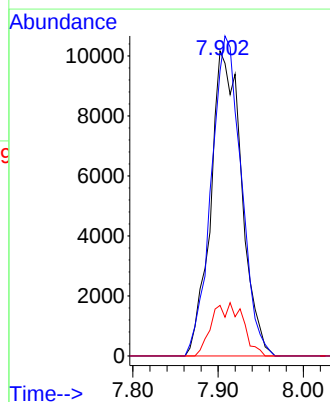
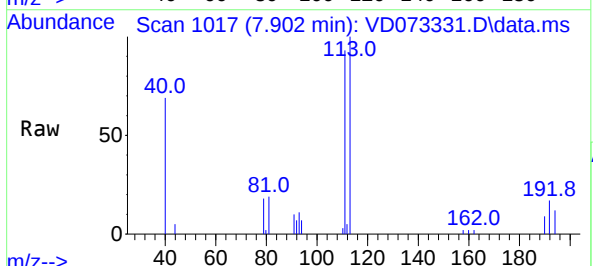
Tgt Ion:113 Resp: 25587

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 8.5 14.6 21.8#

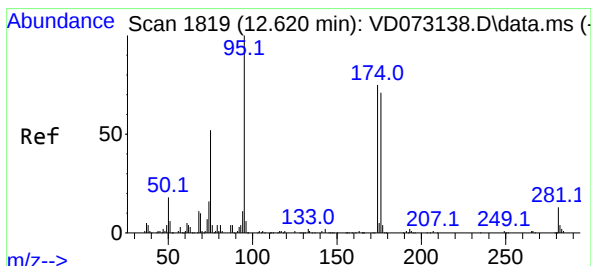
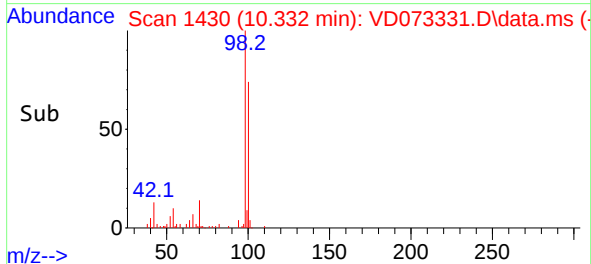
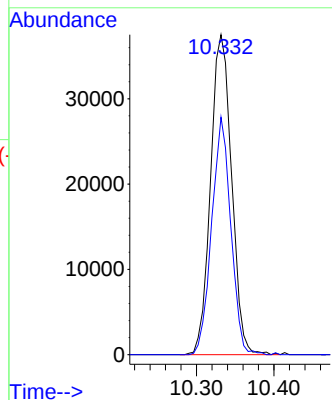
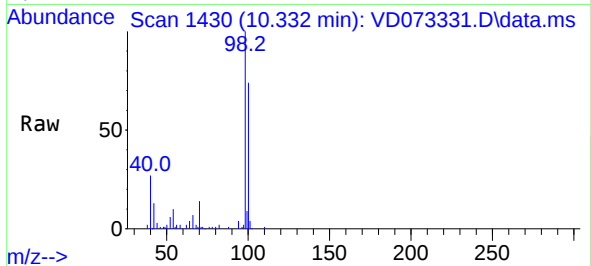




#50
Toluene-d8
Concen: 52.743 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073331.D
Acq: 24 May 2022 18:15

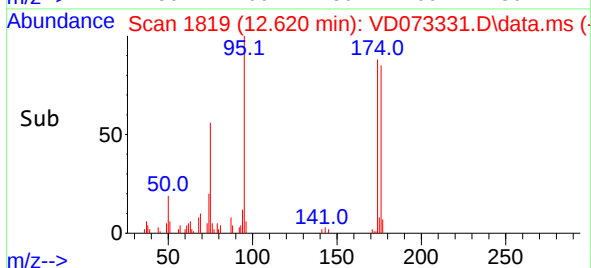
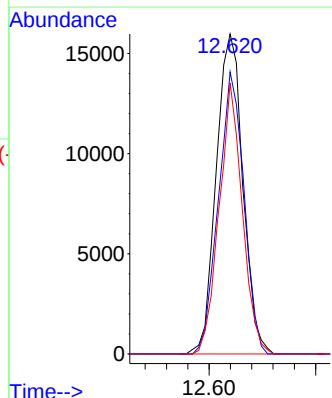
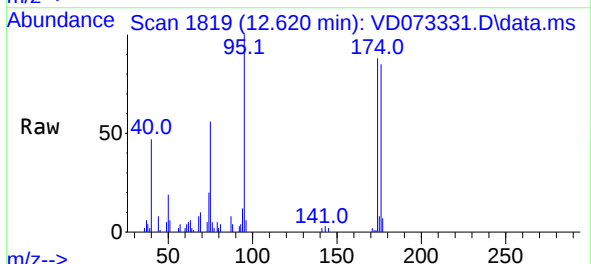
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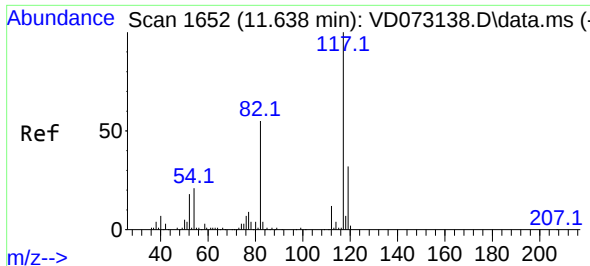
Tgt Ion: 98 Resp: 70627
Ion Ratio Lower Upper
98 100
100 67.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.733 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073331.D
Acq: 24 May 2022 18:15

Tgt Ion: 95 Resp: 27601
Ion Ratio Lower Upper
95 100
174 84.6 0.0 152.8
176 73.7 0.0 145.4

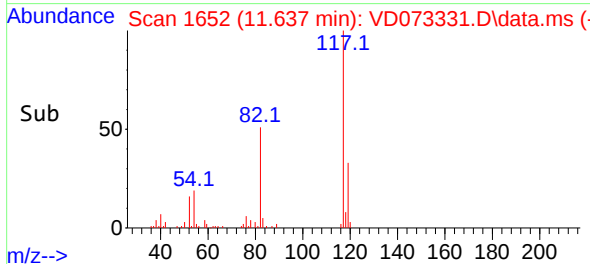
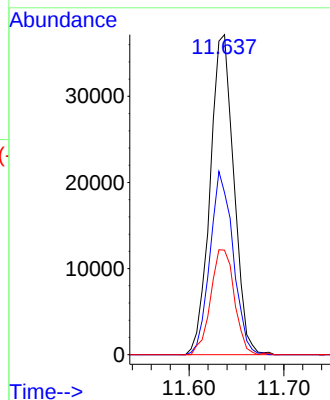
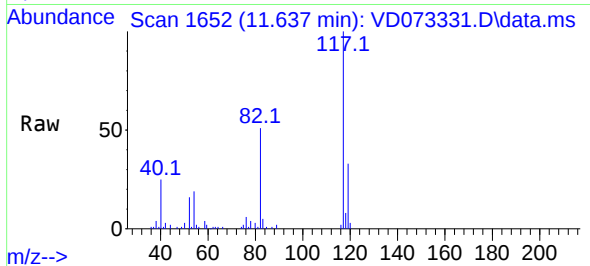




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073331.D
Acq: 24 May 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-2430-01

Tgt Ion:	117	Resp:	64620
Ion	Ratio	Lower	Upper
117	100		
82	50.7	45.3	67.9
119	32.7	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: VD073331.D
Acq: 24 May 2022 18:15

Tgt Ion:	152	Resp:	30963
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	157.6	0.0	348.6

