

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072349.D
 Acq On : 21 Mar 2022 19:26
 Operator : VA/SY
 Sample : N2033-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-237

Quant Time: Mar 22 02:13:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	14486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	23851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	28910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12952	80.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.460%
35) Dibromofluoromethane	7.902	113	10160	60.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.060%
50) Toluene-d8	10.332	98	29385	47.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.626	95	12789	53.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.260%

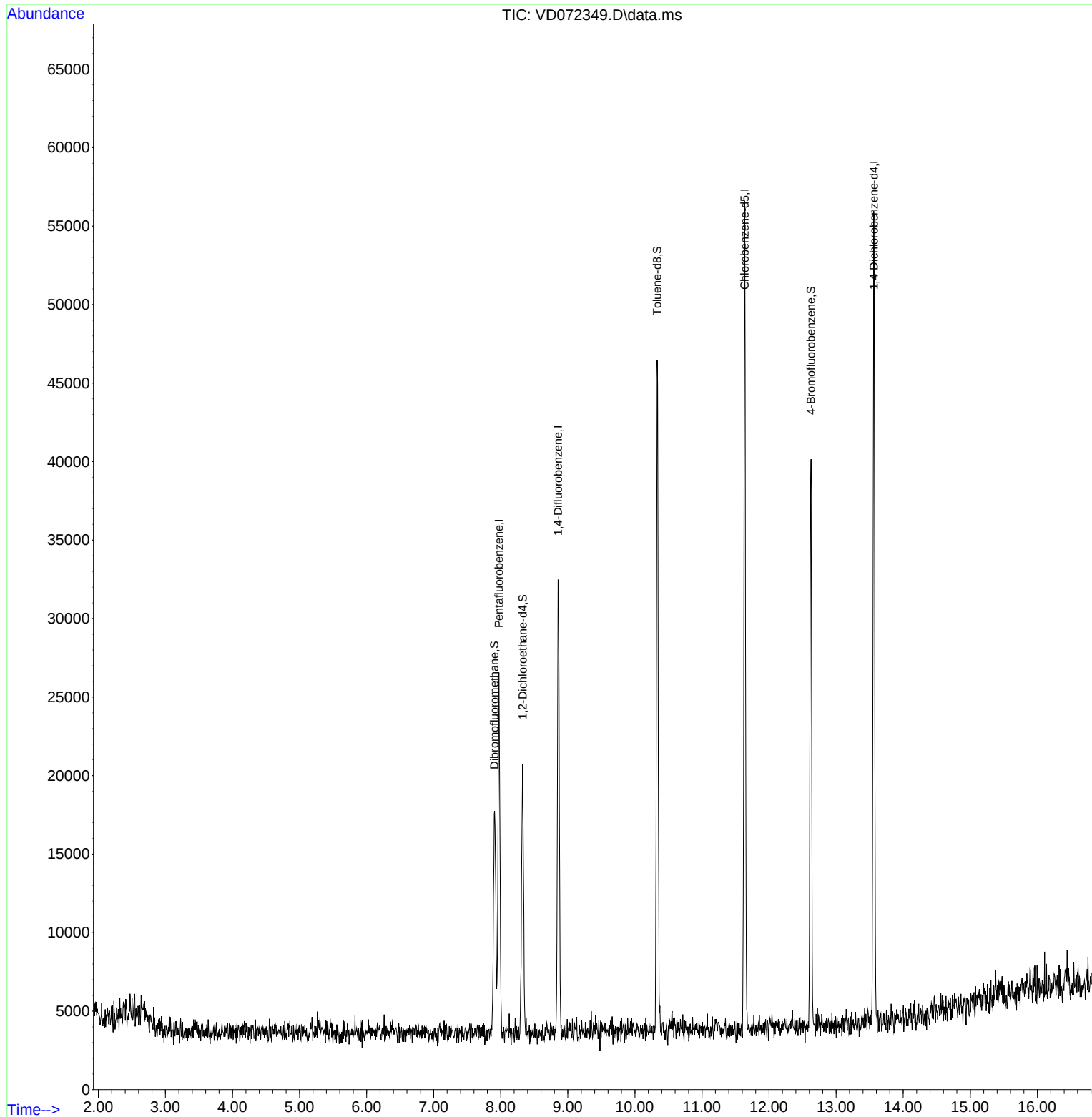
Target Compounds	Qvalue

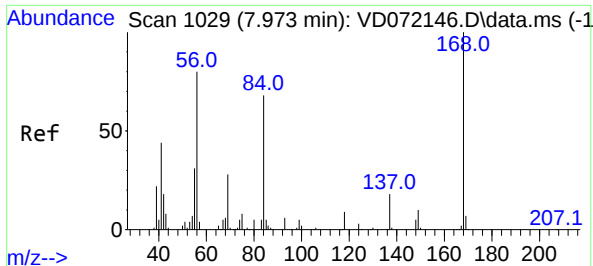
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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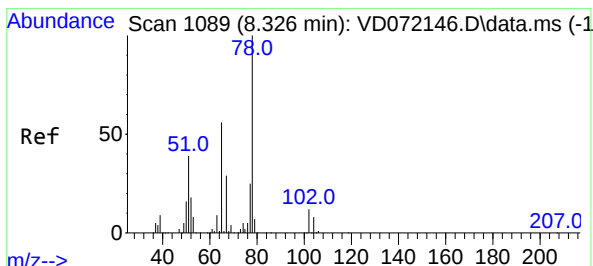
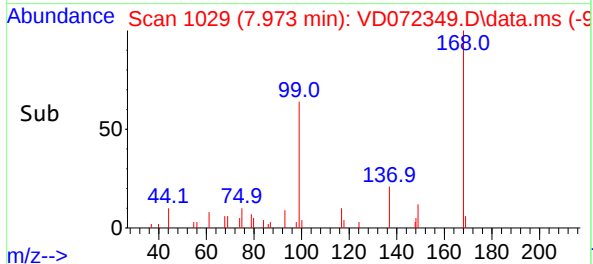
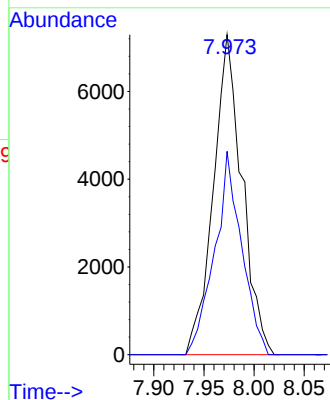
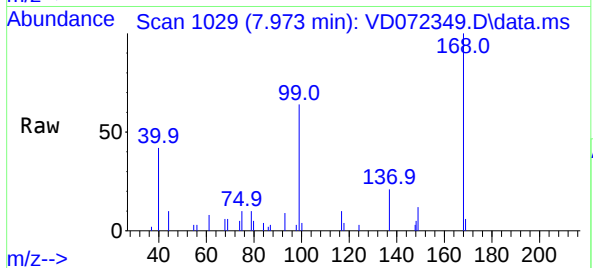




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

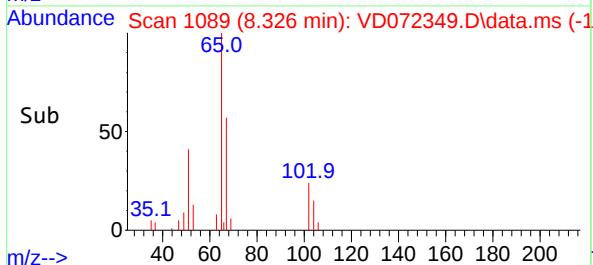
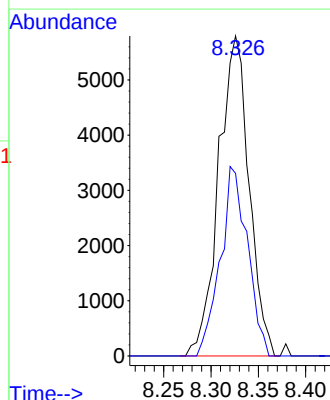
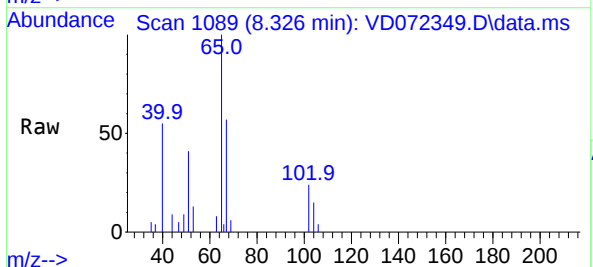
Instrument :
MSVOA_D
ClientSampleId :
VNJ-237

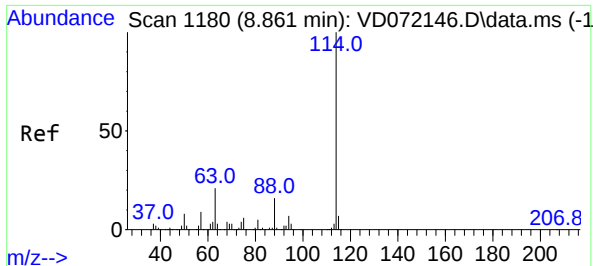
Tgt Ion:168 Resp: 14486
Ion Ratio Lower Upper
168 100
99 63.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 80.229 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

Tgt Ion: 65 Resp: 12952
Ion Ratio Lower Upper
65 100
67 52.8 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: VD072349.D

Acq: 21 Mar 2022 19:26

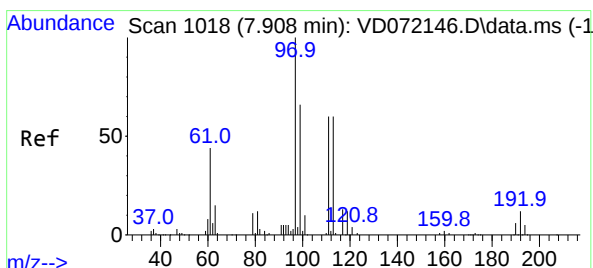
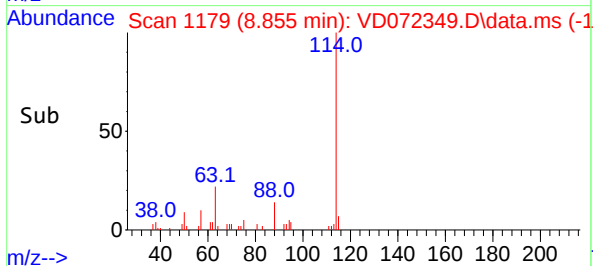
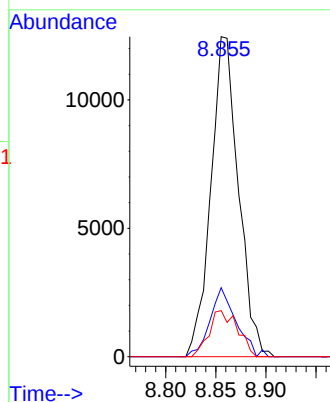
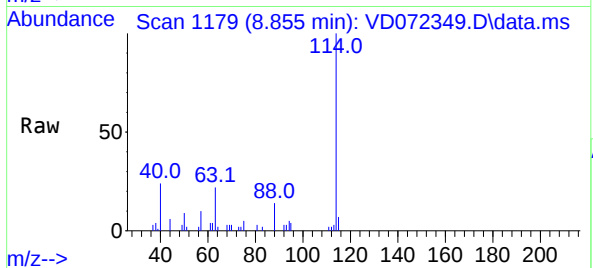
Instrument :

MSVOA_D

ClientSampleId :

VNJ-237

Tgt Ion:114	Resp:	23851
Ion	Ratio	Lower Upper
114	100	
63	21.5	0.0 46.6
88	14.4	0.0 33.2



#35

Dibromofluoromethane

Concen: 60.533 ug/l

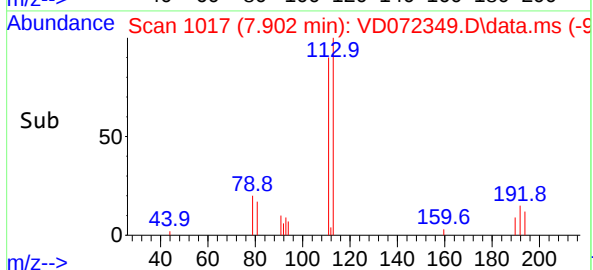
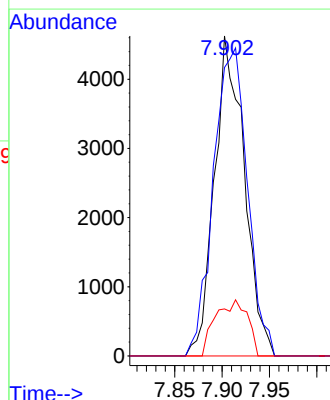
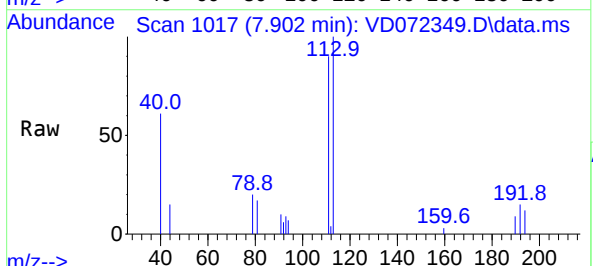
RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD072349.D

Acq: 21 Mar 2022 19:26

Tgt Ion:113	Resp:	10160
Ion	Ratio	Lower Upper
113	100	
111	109.3	83.8 125.6
192	18.8	14.6 21.8

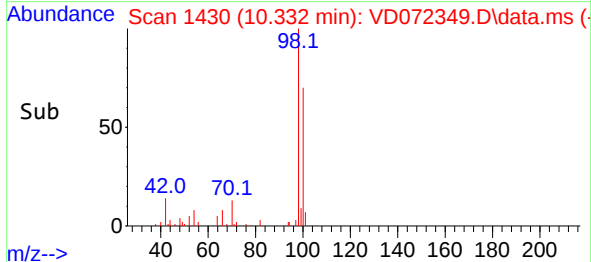
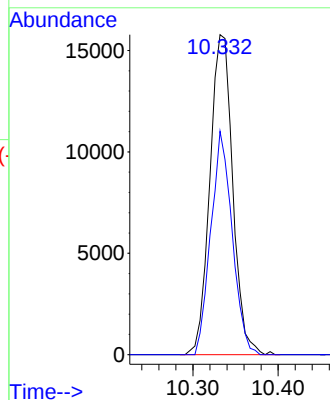
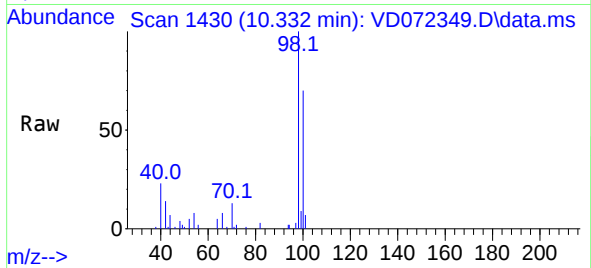




#50
Toluene-d8
Concen: 47.881 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

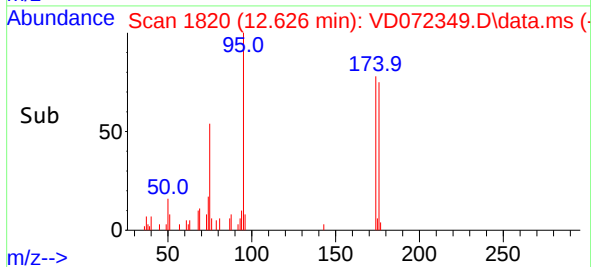
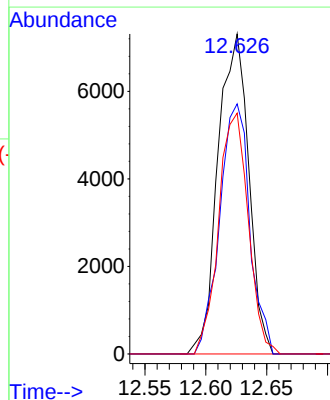
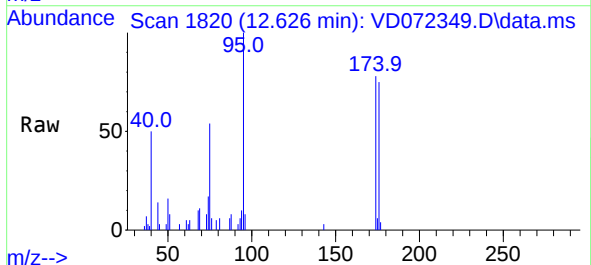
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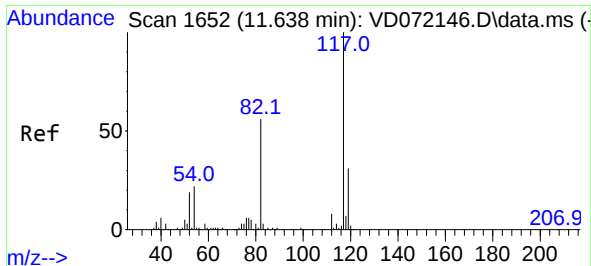
Tgt Ion: 98 Resp: 29385
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.631 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

Tgt Ion: 95 Resp: 12789
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 72.8 0.0 145.4

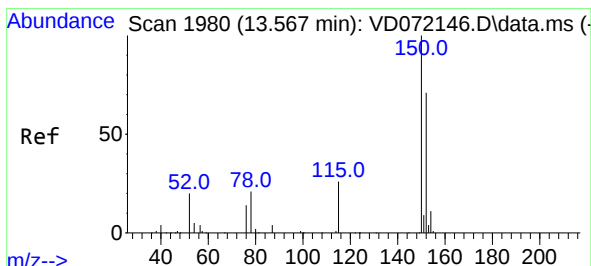
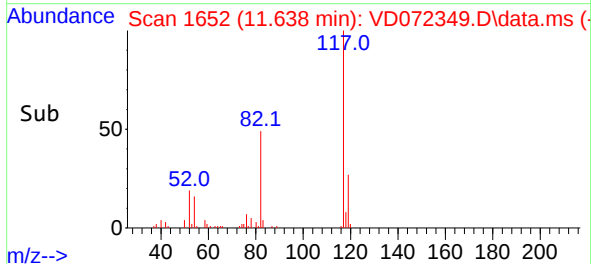
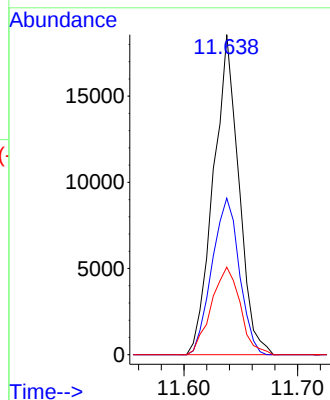
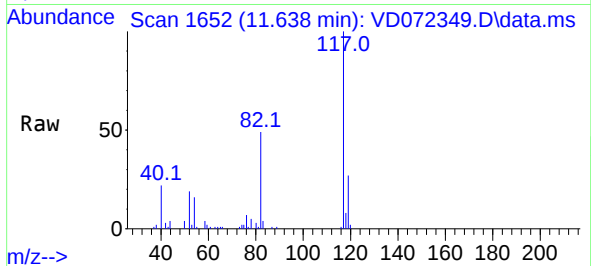




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-237

Tgt Ion:	117	Resp:	28910
Ion	Ratio	Lower	Upper
117	100		
82	48.9	45.3	67.9
119	27.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072349.D
Acq: 21 Mar 2022 19:26

Tgt Ion:	152	Resp:	12887
Ion	Ratio	Lower	Upper
152	100		
115	65.4	31.3	93.8
150	169.5	0.0	348.6

