

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072364.D
 Acq On : 22 Mar 2022 15:36
 Operator : VA/SY
 Sample : N2033-03RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-237RE

Quant Time: Mar 23 01:13:05 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	24930	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	39812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	48423	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	23942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	20208	72.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.460%
35) Dibromofluoromethane	7.914	113	15353	54.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.600%
50) Toluene-d8	10.332	98	50077	48.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.626	95	21834	54.854	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.700%

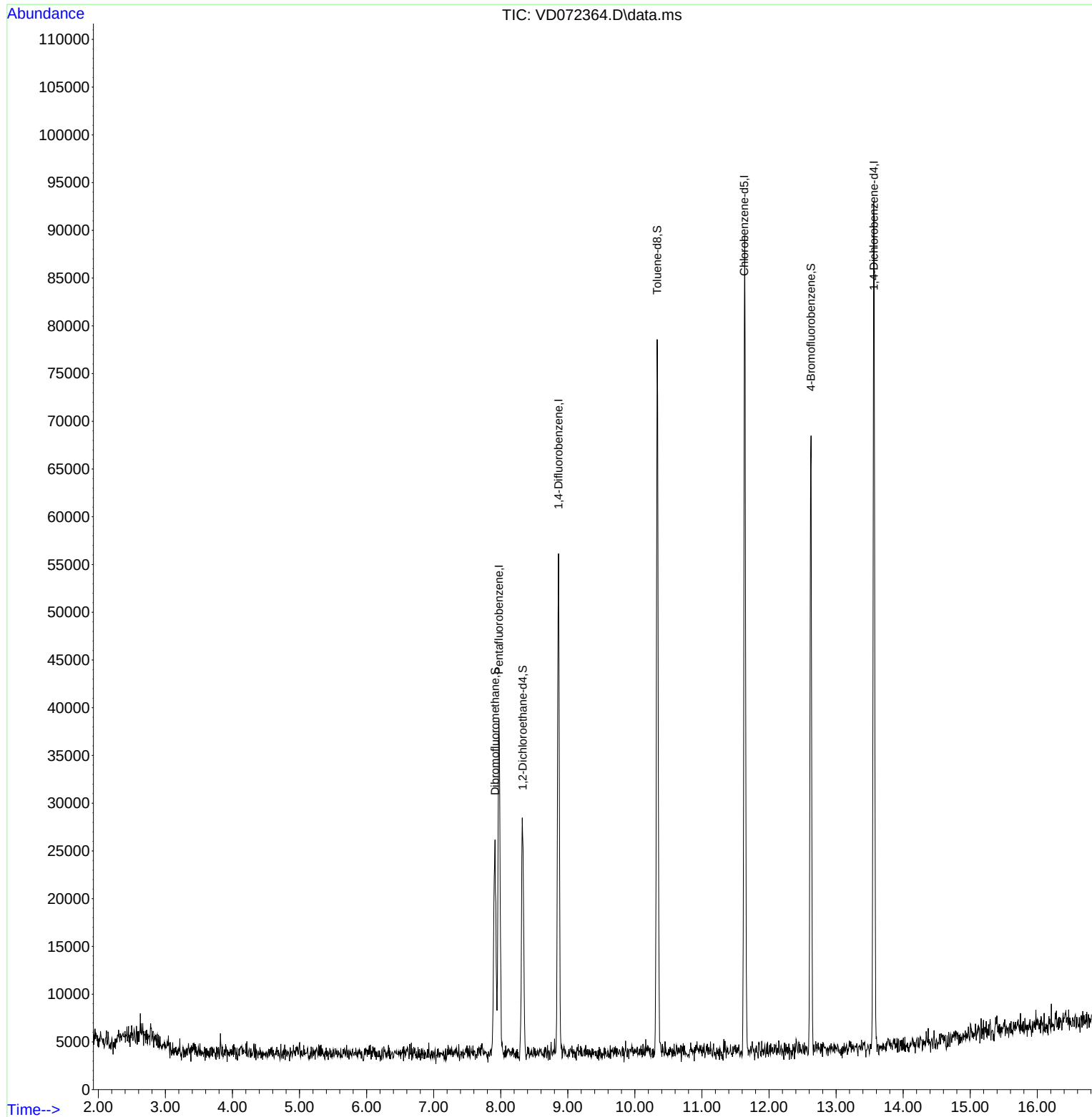
Target Compounds	Qvalue

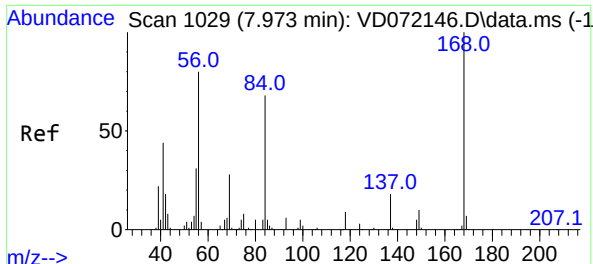
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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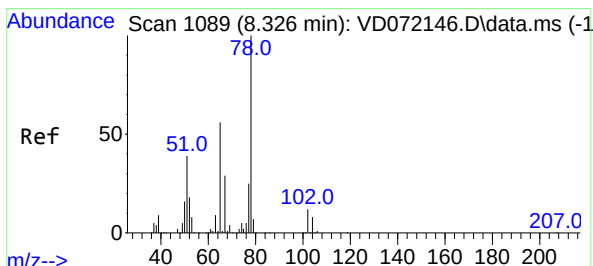
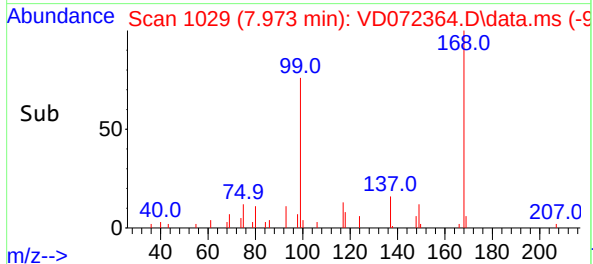
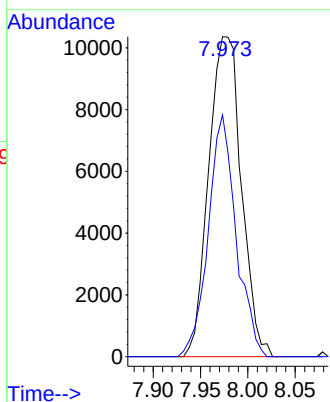
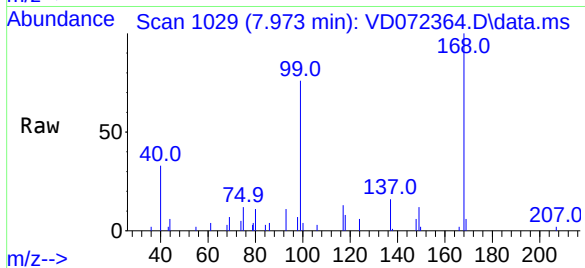




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

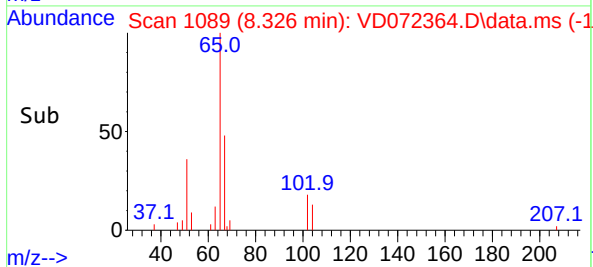
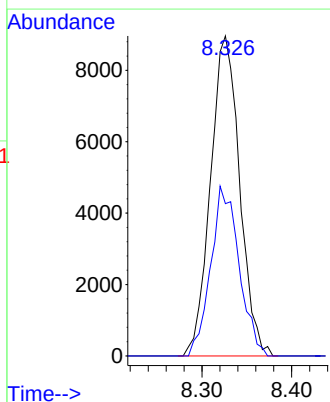
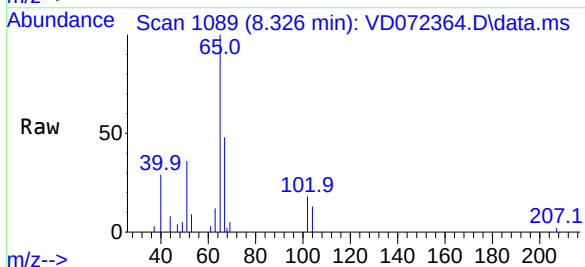
Instrument :
MSVOA_D
ClientSampleId :
VNJ-237RE

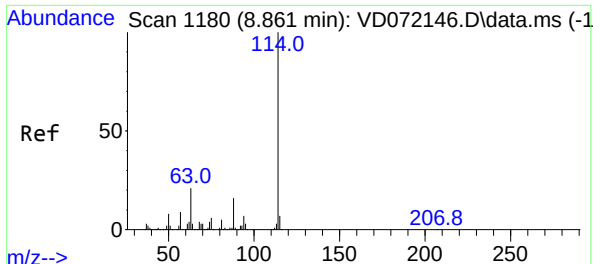
Tgt Ion:168 Resp: 24930
Ion Ratio Lower Upper
168 100
99 75.5 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 72.735 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

Tgt Ion: 65 Resp: 20208
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072364.D

Acq: 22 Mar 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

VNJ-237RE

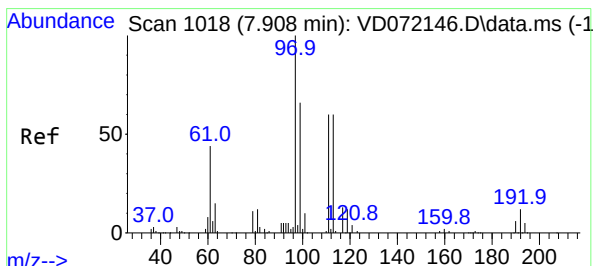
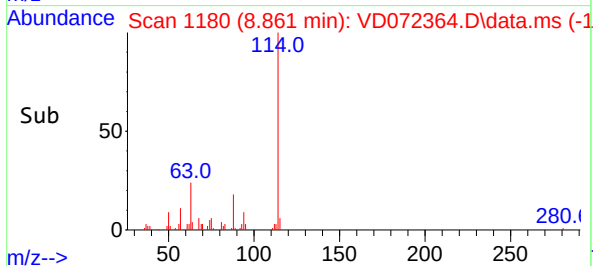
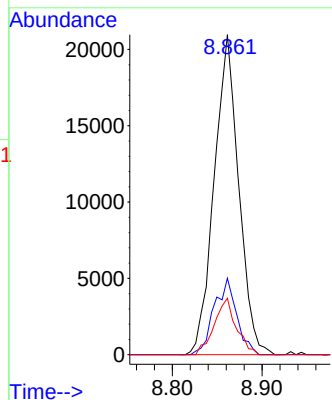
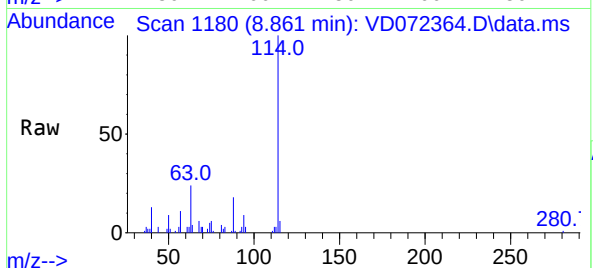
Tgt Ion:114 Resp: 39812

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 17.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.801 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072364.D

Acq: 22 Mar 2022 15:36

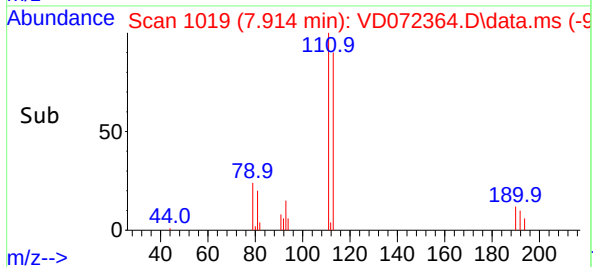
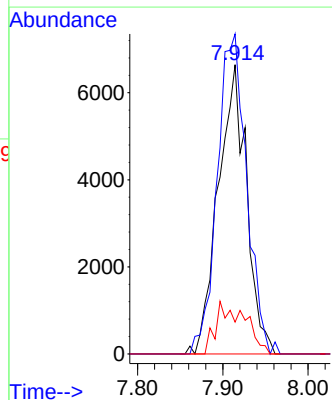
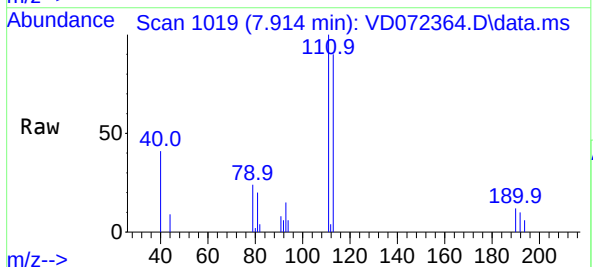
Tgt Ion:113 Resp: 15353

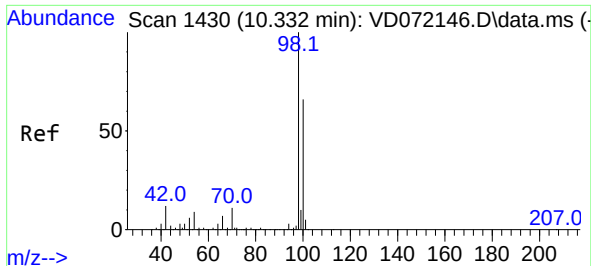
Ion Ratio Lower Upper

113 100

111 114.3 83.8 125.6

192 10.8 14.6 21.8#

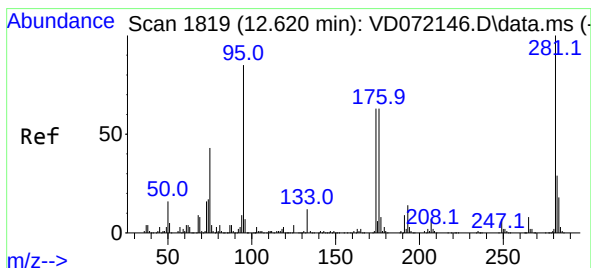
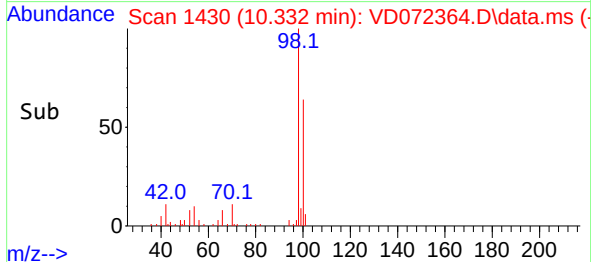
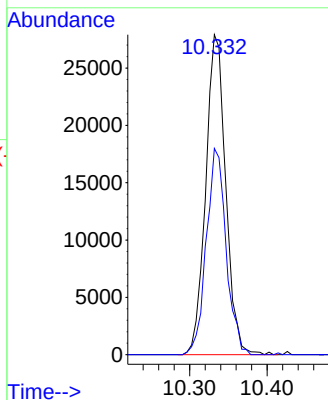
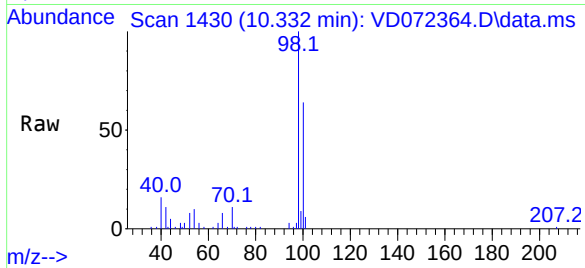




#50
Toluene-d8
Concen: 48.884 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

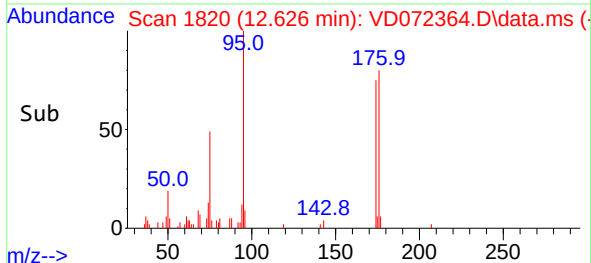
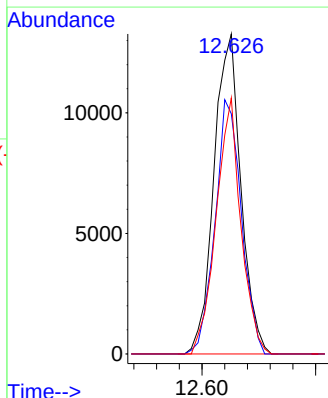
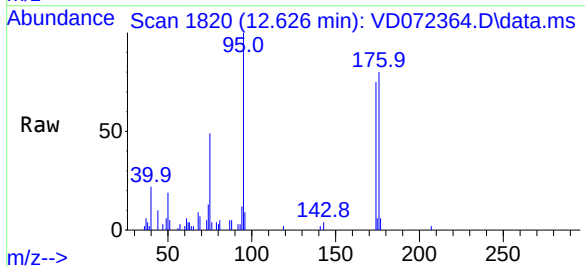
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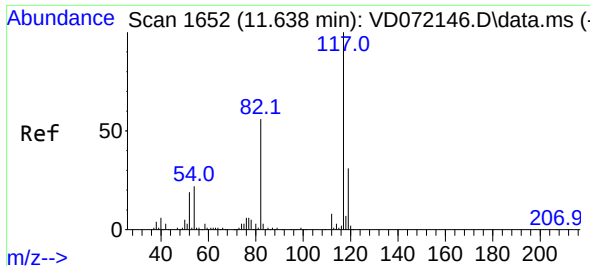
Tgt Ion: 98 Resp: 50077
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.854 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

Tgt Ion: 95 Resp: 21834
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.5 0.0 145.4

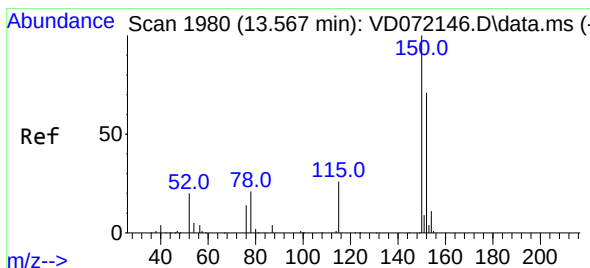
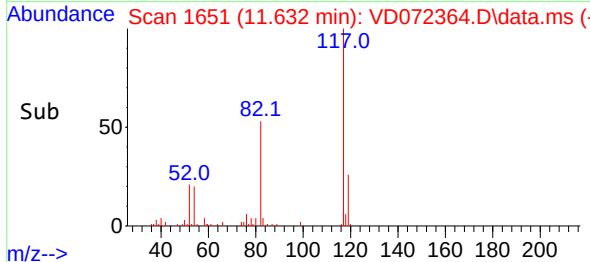
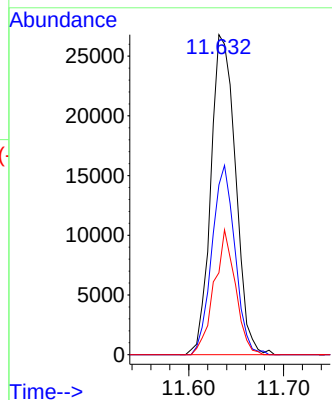
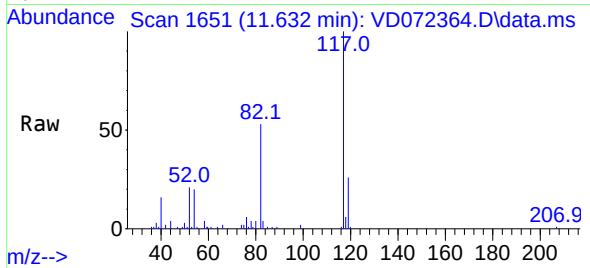




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

Instrument :
MSVOA_D
ClientSampleId :
VNJ-237RE

Tgt Ion:117 Resp: 48423
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 25.6 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072364.D
Acq: 22 Mar 2022 15:36

Tgt Ion:152 Resp: 23942
Ion Ratio Lower Upper
152 100
115 57.8 31.3 93.8
150 149.2 0.0 348.6

