

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072445.D
 Acq On : 28 Mar 2022 11:30
 Operator : VA/SY
 Sample : VD0328SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Quant Time: Mar 29 01:29:24 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	457850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	743790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	843445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	440315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204997	40.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.360%
35) Dibromofluoromethane	7.908	113	221234	42.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.540%
50) Toluene-d8	10.331	98	937028	48.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.625	95	432869	58.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.420%

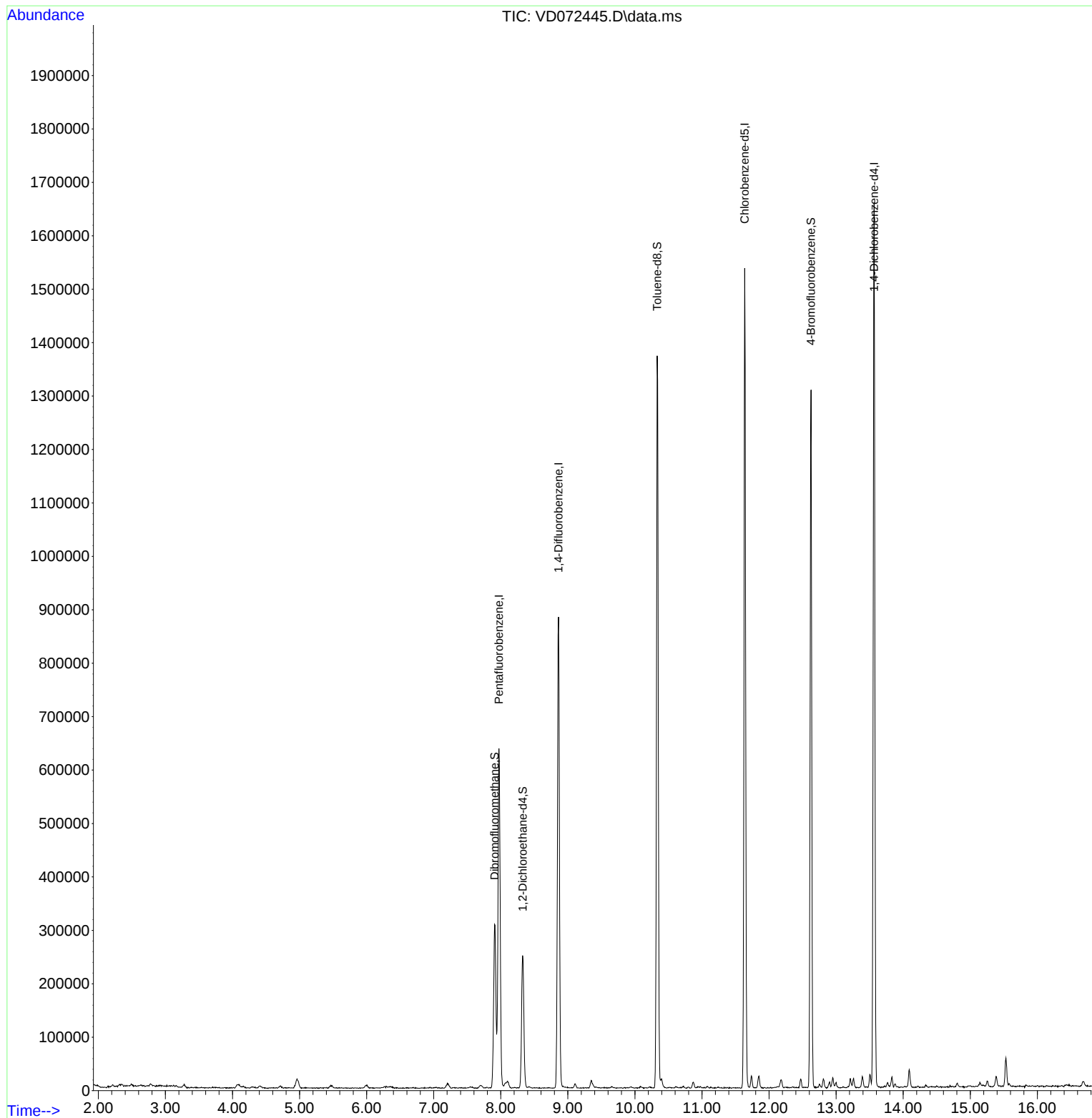
Target Compounds	Qvalue

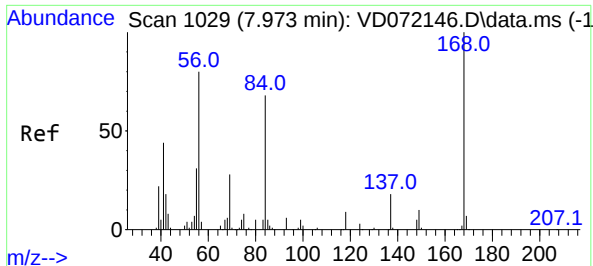
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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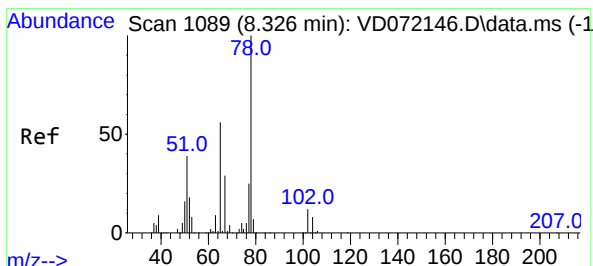
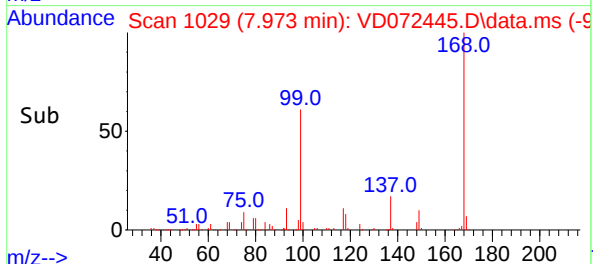
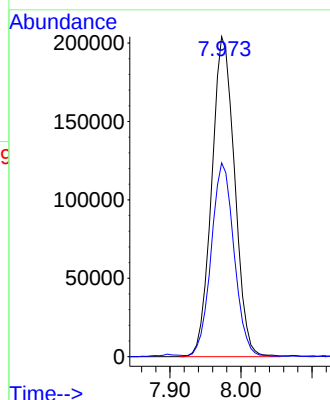
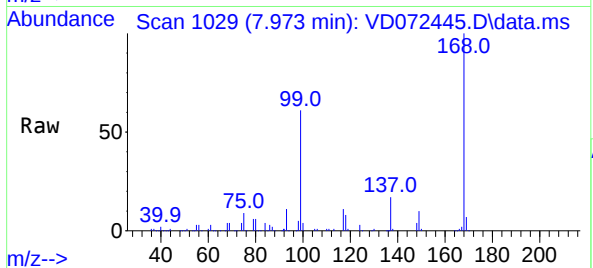




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

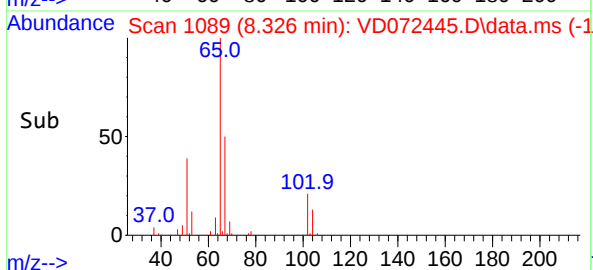
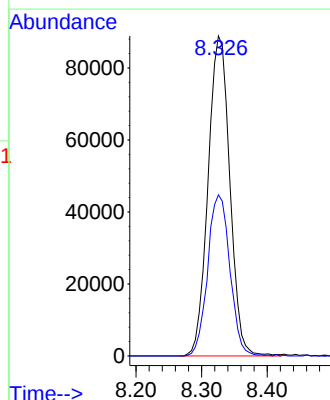
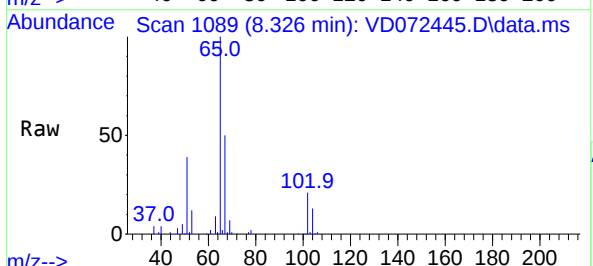
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

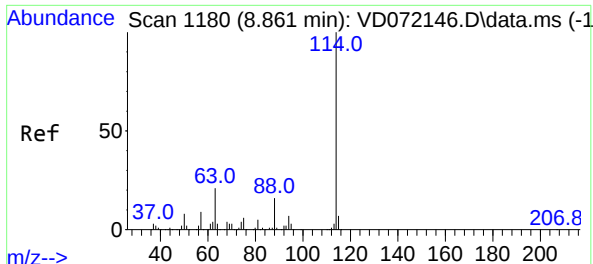
Tgt Ion:168 Resp: 457850
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 40.176 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 65 Resp: 204997
Ion Ratio Lower Upper
65 100
67 51.3 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: VD072445.D

Acq: 28 Mar 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

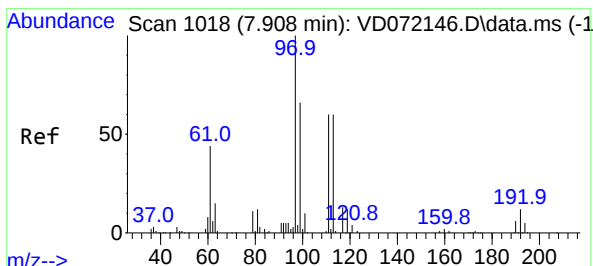
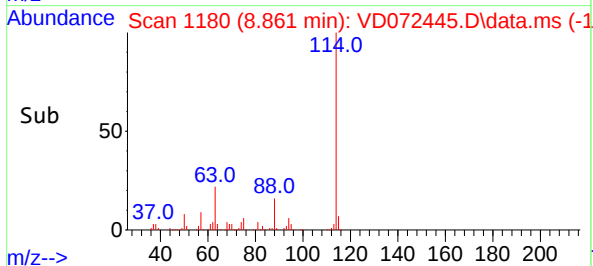
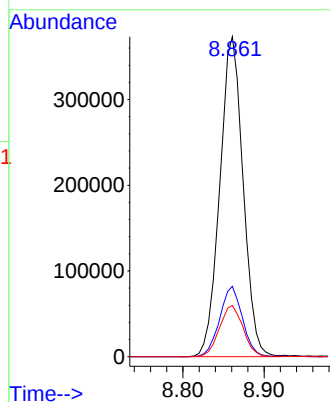
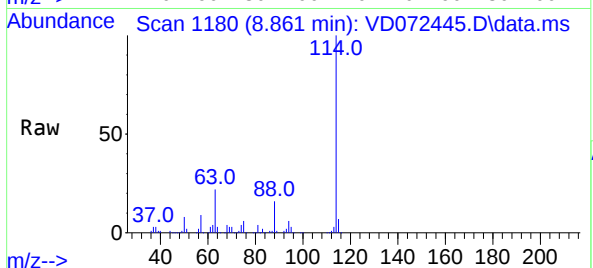
Tgt Ion:114 Resp: 743790

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.268 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072445.D

Acq: 28 Mar 2022 11:30

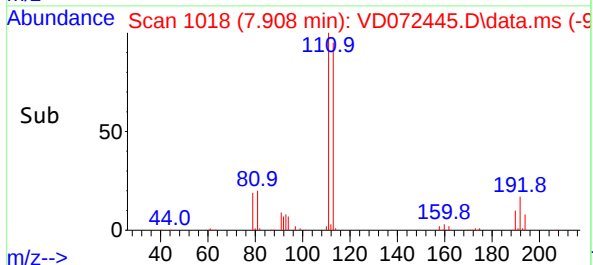
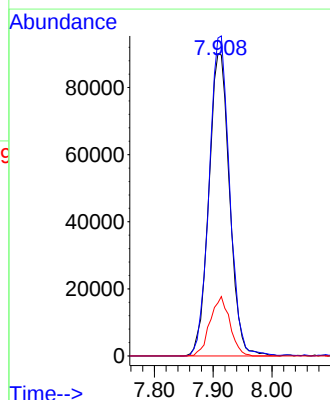
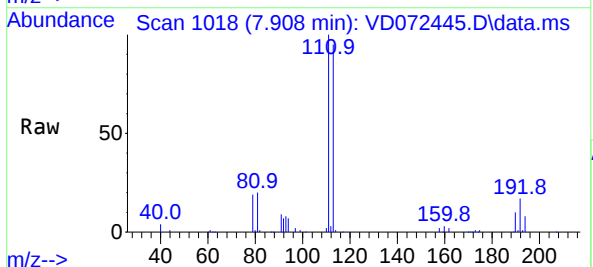
Tgt Ion:113 Resp: 221234

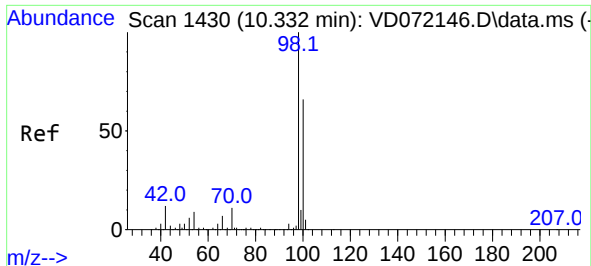
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.8 14.6 21.8

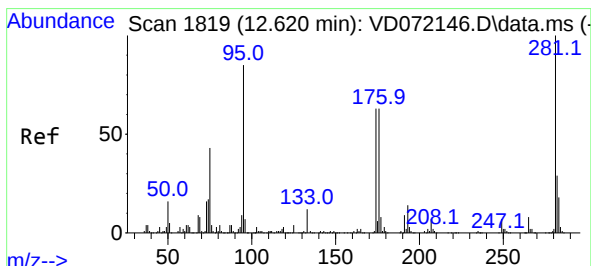
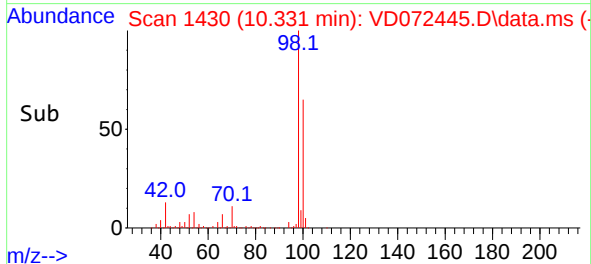
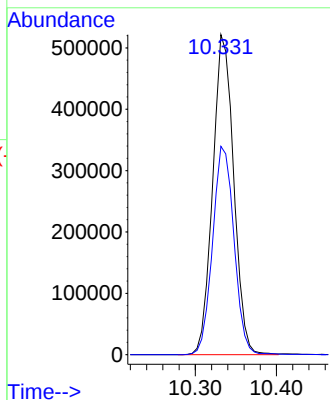
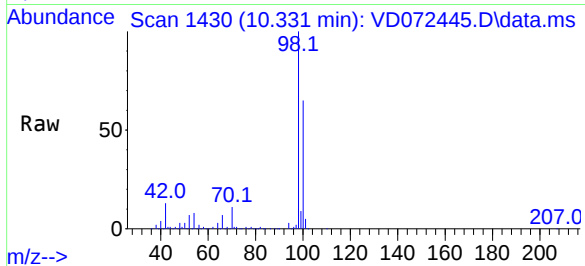




#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.331 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

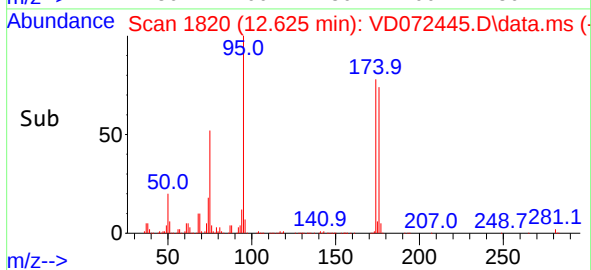
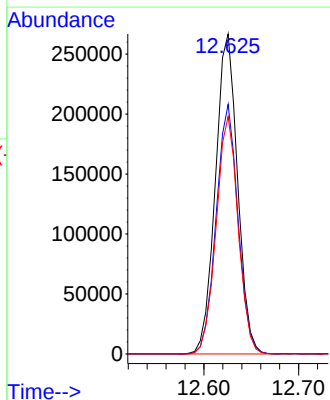
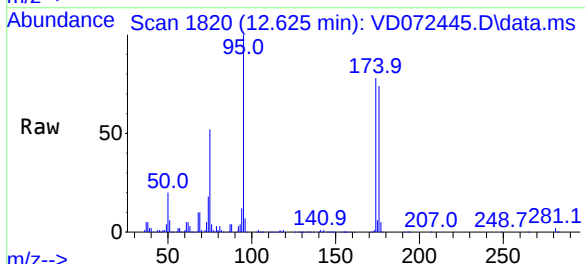
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

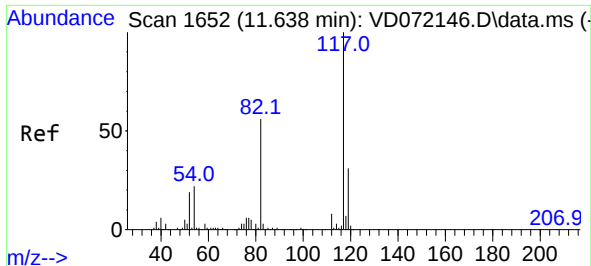
Tgt Ion: 98 Resp: 937028
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.210 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.005 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 95 Resp: 432869
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.4 0.0 145.4

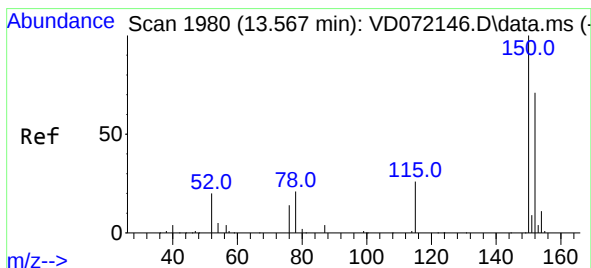
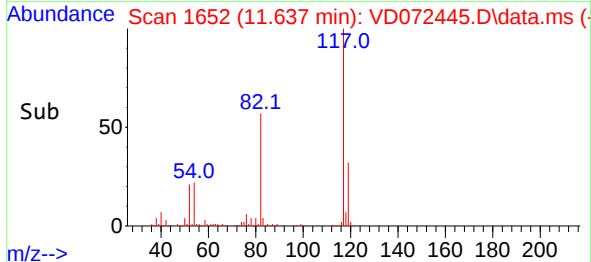
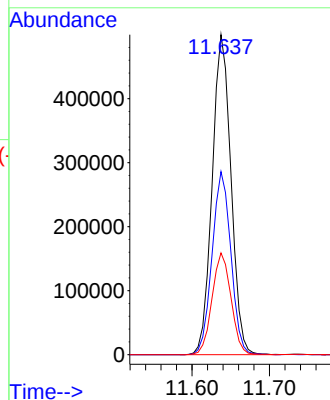
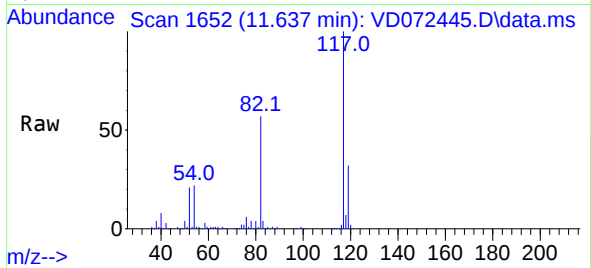




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tgt Ion:117 Resp: 843445
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion:152 Resp: 440315
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.8 0.0 348.6

