

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072935.D
 Acq On : 11 May 2022 17:15
 Operator : VA/SY
 Sample : N2749-07
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: May 12 04:14:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	376047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203289	41.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.300%
35) Dibromofluoromethane	7.909	113	213060	45.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.332	98	813653	48.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.620	95	285534	45.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.340%

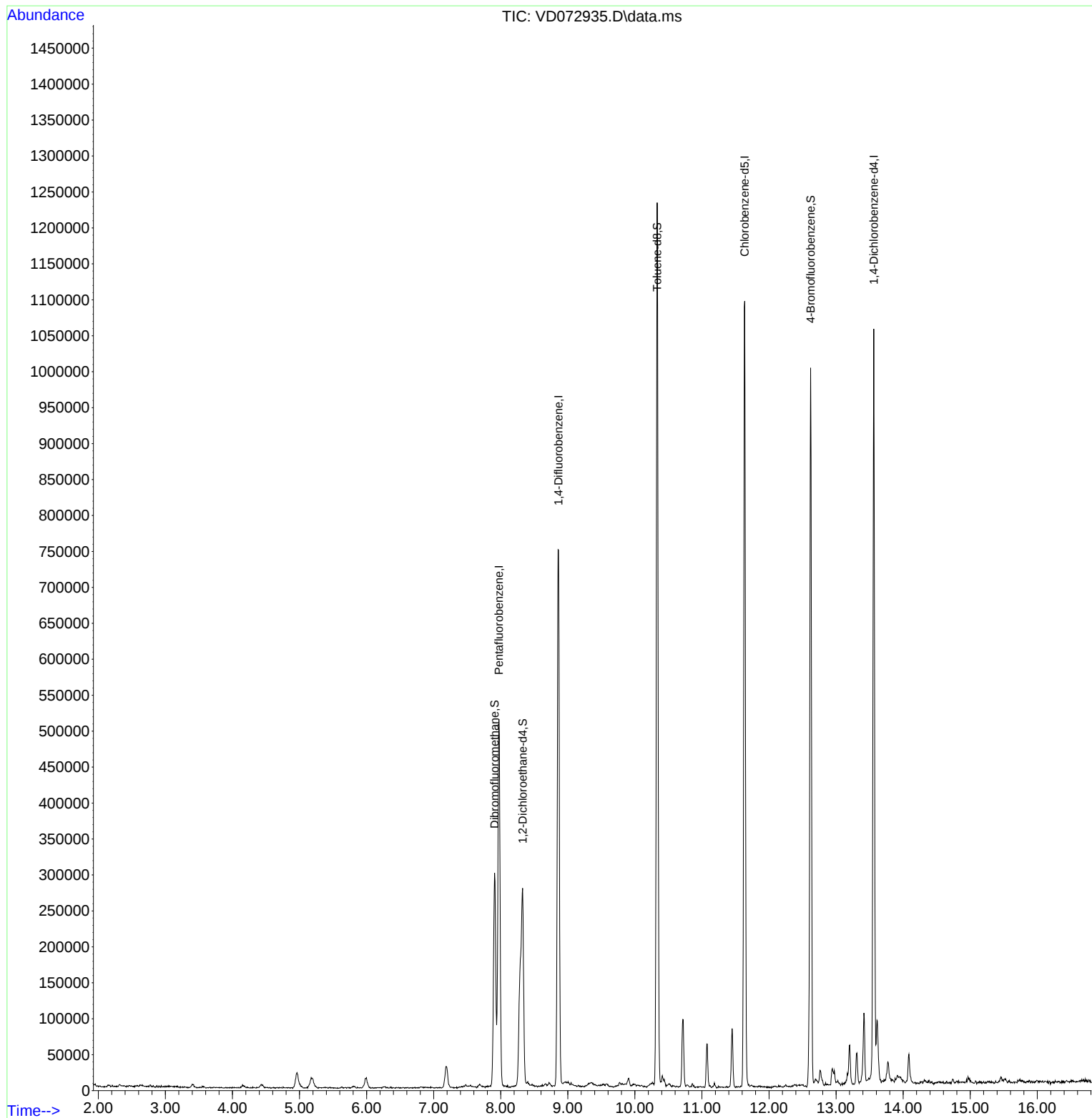
Target Compounds	Qvalue

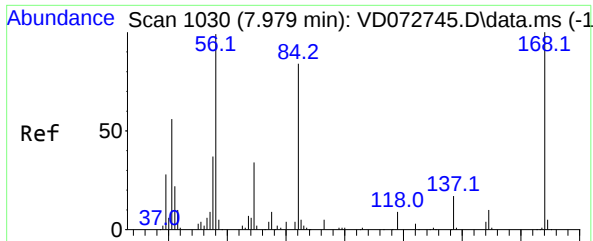
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072935.D

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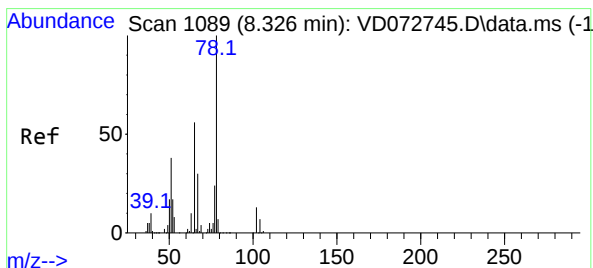
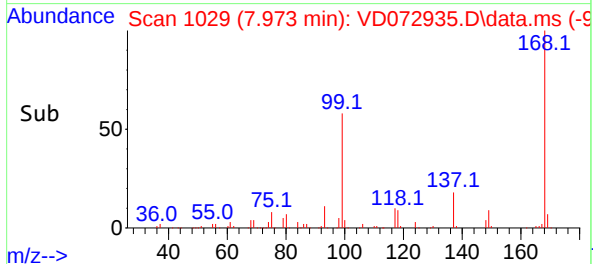
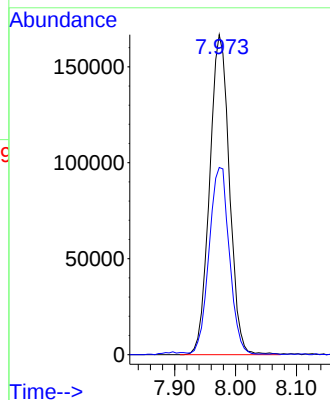
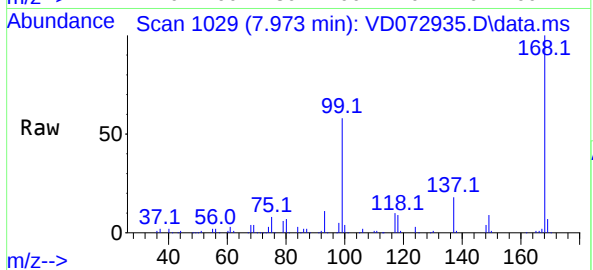
TP-3

Tgt Ion:168 Resp: 376047

Ion Ratio Lower Upper

168 100

99 58.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 41.646 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072935.D

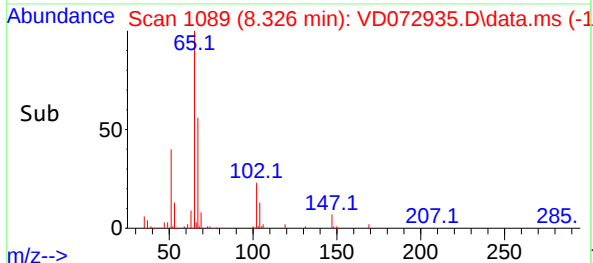
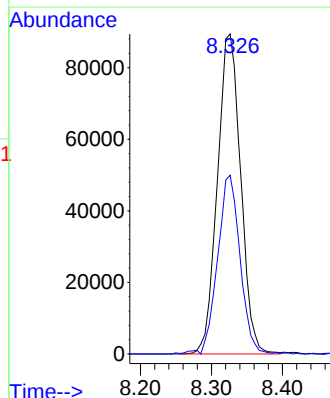
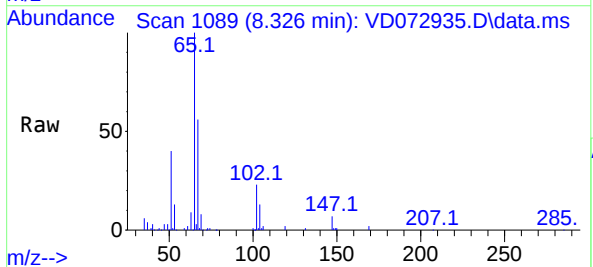
Acq: 11 May 2022 17:15

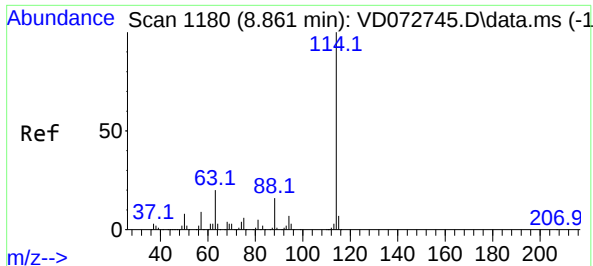
Tgt Ion: 65 Resp: 203289

Ion Ratio Lower Upper

65 100

67 54.1 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: VD072935.D

Acq: 11 May 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

TP-3

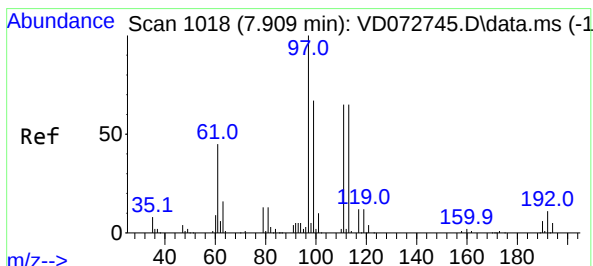
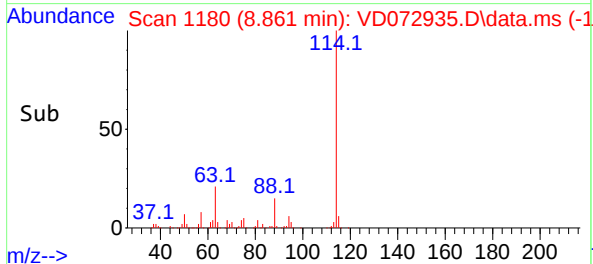
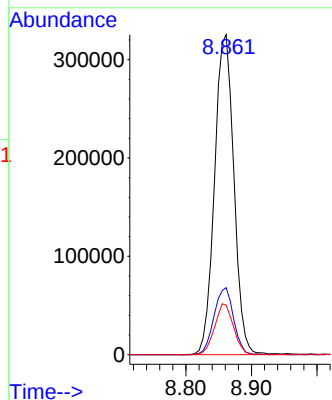
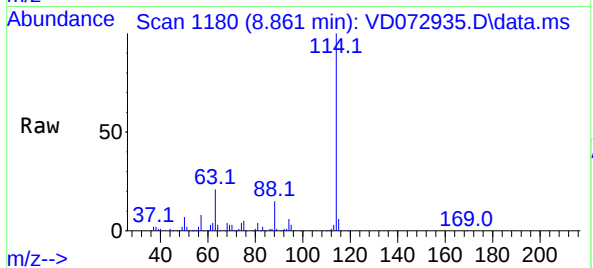
Tgt Ion:114 Resp: 665634

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.576 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072935.D

Acq: 11 May 2022 17:15

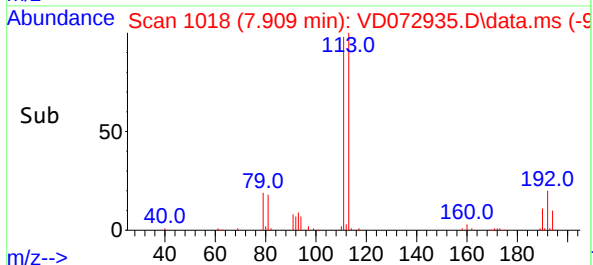
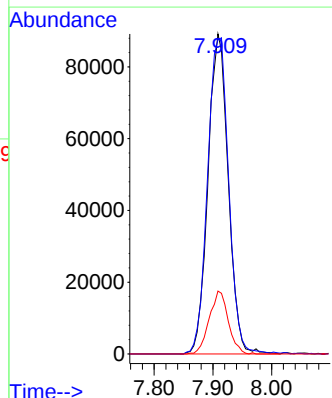
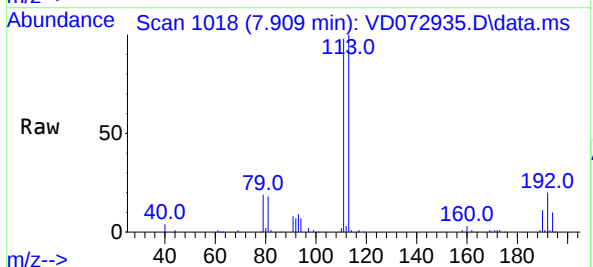
Tgt Ion:113 Resp: 213060

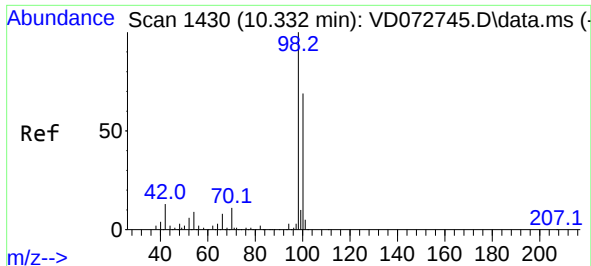
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.4 14.6 21.8

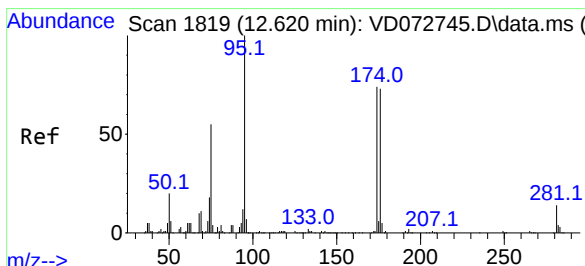
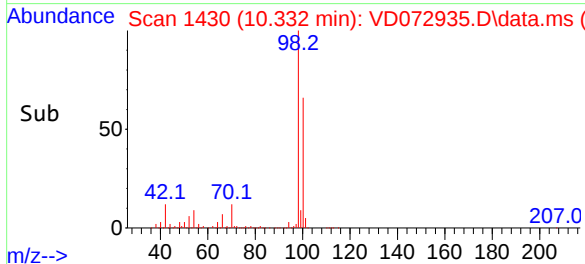
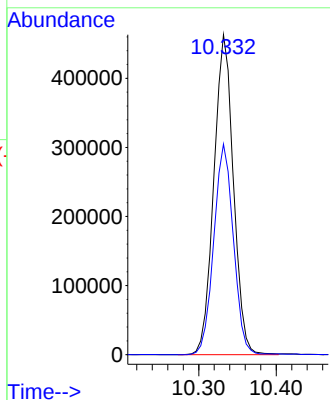
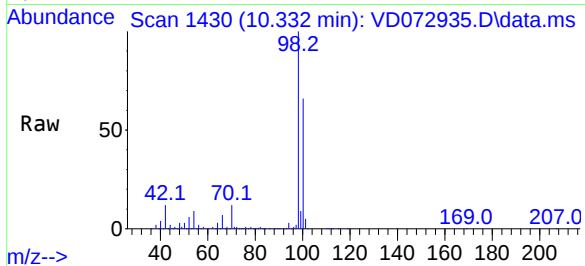




#50
Toluene-d8
Concen: 48.521 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

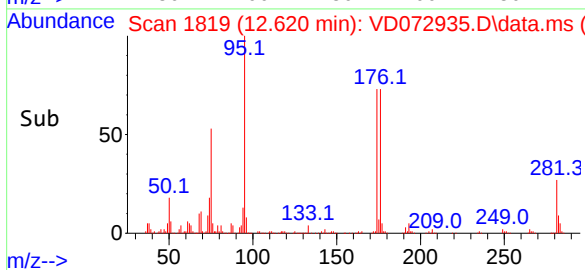
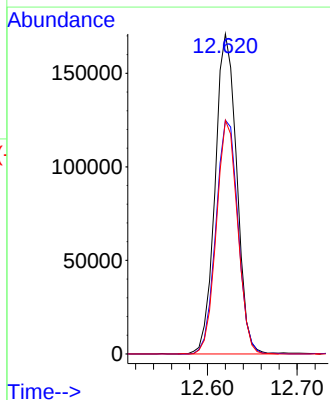
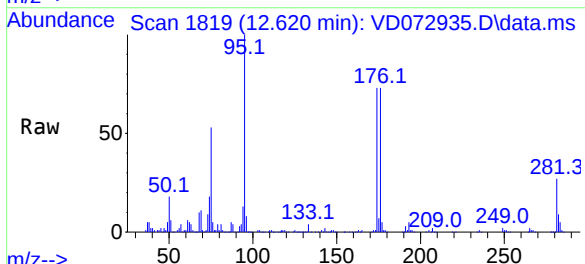
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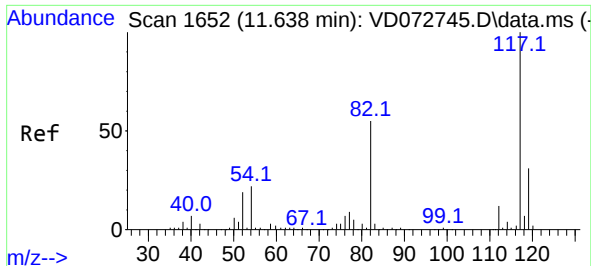
Tgt Ion: 98 Resp: 813653
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.666 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 95 Resp: 285534
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.7 0.0 145.4

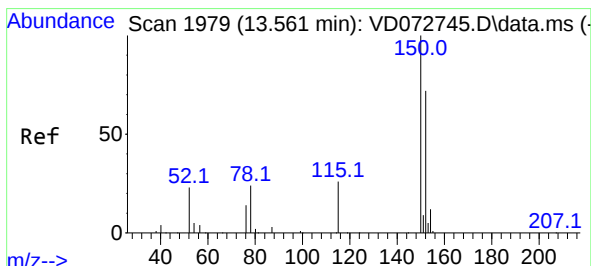
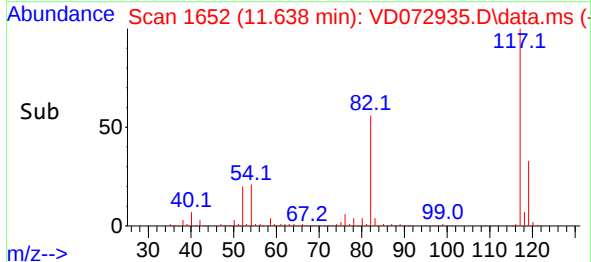
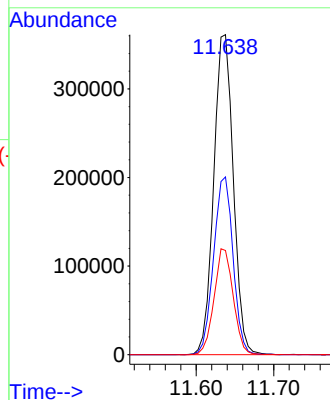
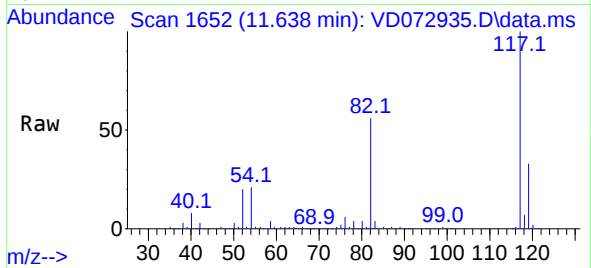




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 634787
Ion Ratio Lower Upper
117 100
82 55.6 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: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion:152 Resp: 264118
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 159.1 0.0 348.6

