

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072960.D
 Acq On : 12 May 2022 21:13
 Operator : VA/SY
 Sample : N2817-02
 Misc : 4.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS018-0006-01

Quant Time: May 13 05:58:29 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	310031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	551668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181005	44.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.960%
35) Dibromofluoromethane	7.908	113	189773	48.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.332	98	673285	48.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.620	95	220330	42.517	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.040%

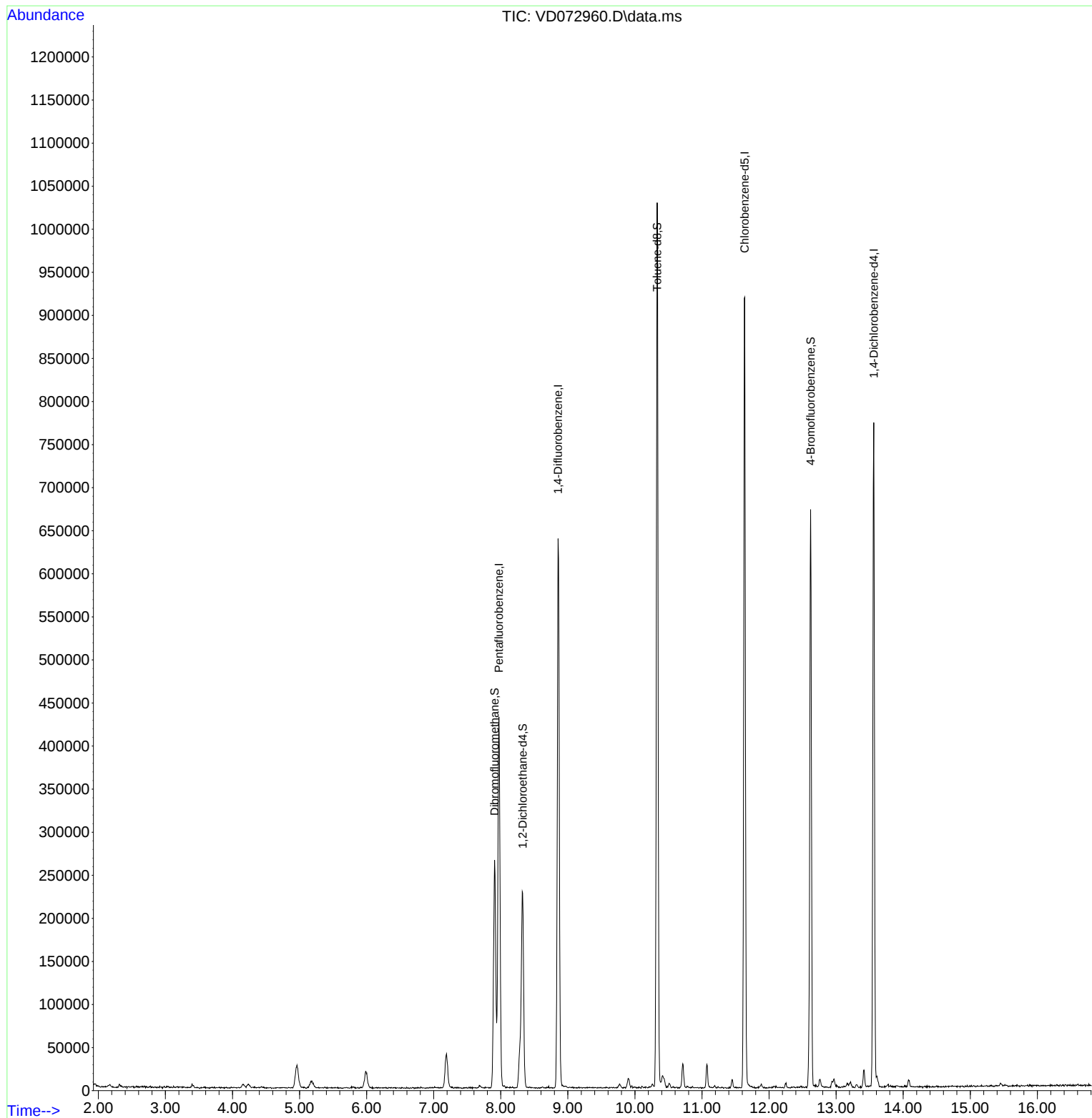
Target Compounds	Qvalue

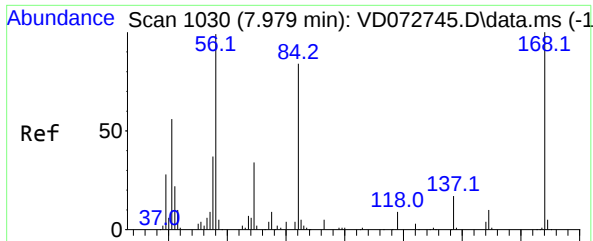
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072960.D

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Instrument :

MSVOA_D

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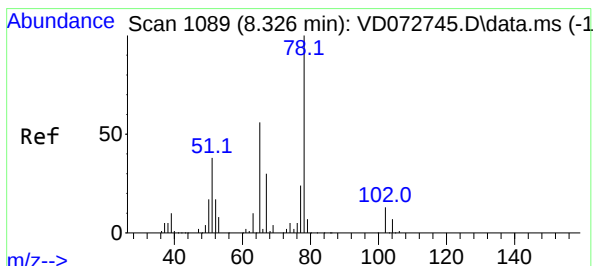
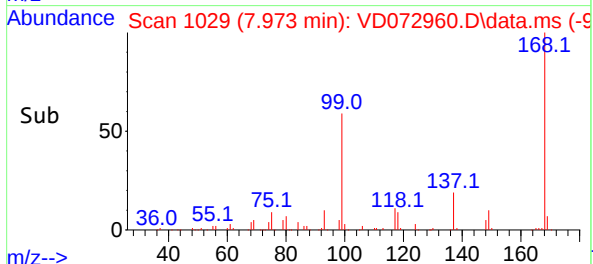
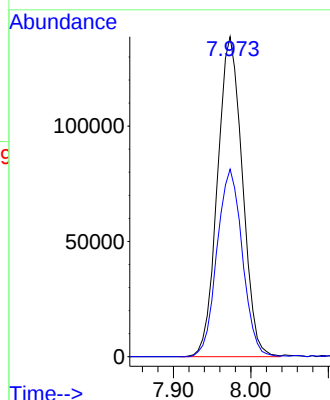
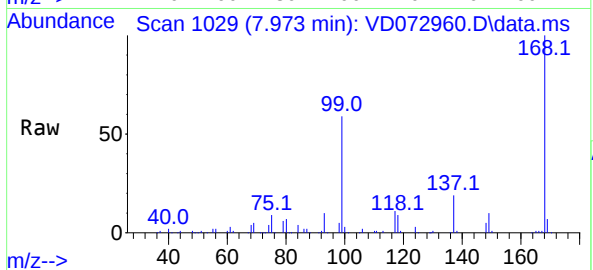
P007-SS018-0006-01

Tgt Ion:168 Resp: 310031

Ion Ratio Lower Upper

168 100

99 58.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.976 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072960.D

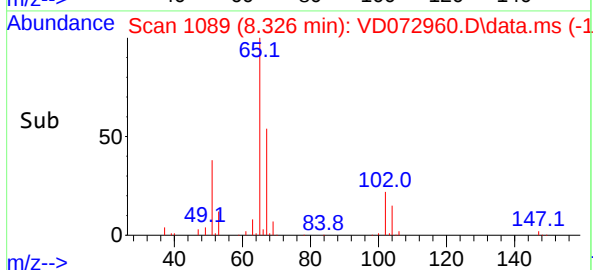
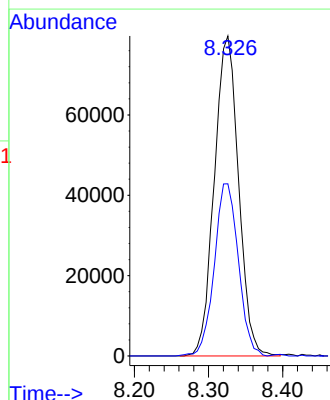
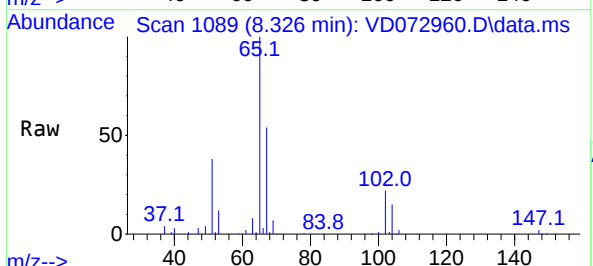
Acq: 12 May 2022 21:13

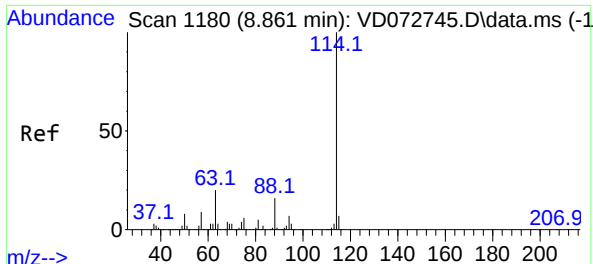
Tgt Ion: 65 Resp: 181005

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

Instrument :

MSVOA_D

ClientSampleId :

P007-SS018-0006-01

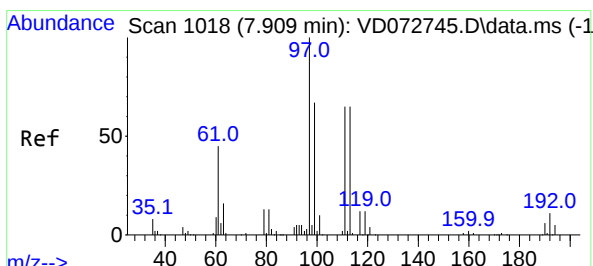
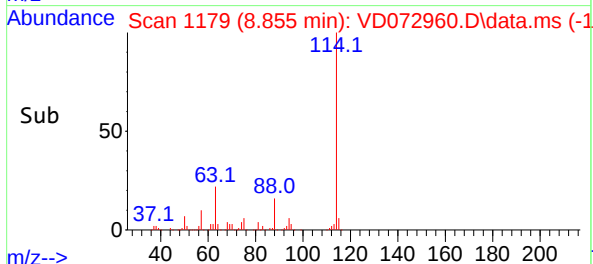
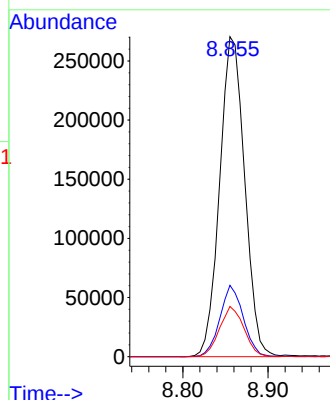
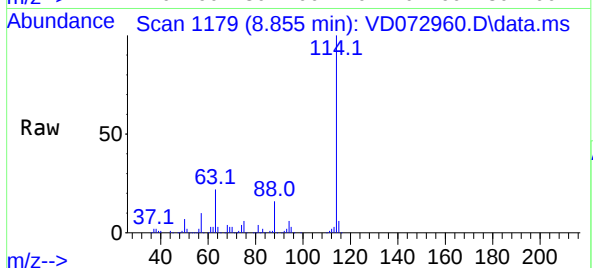
Tgt Ion:114 Resp: 551668

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

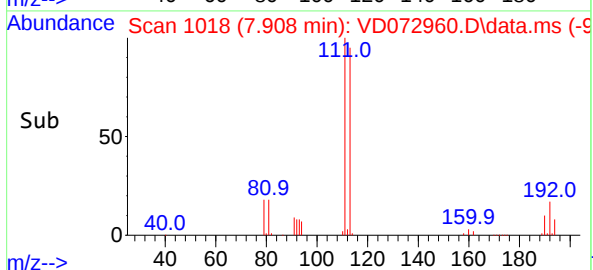
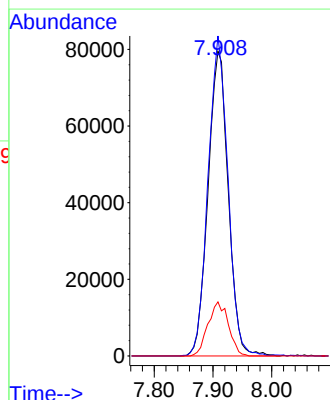
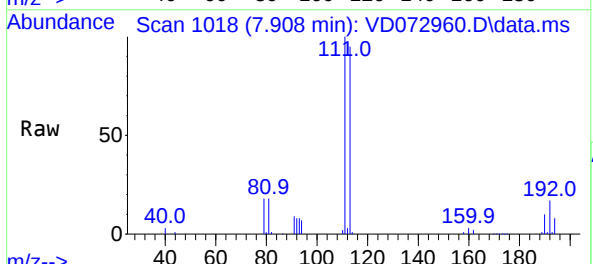
Tgt Ion:113 Resp: 189773

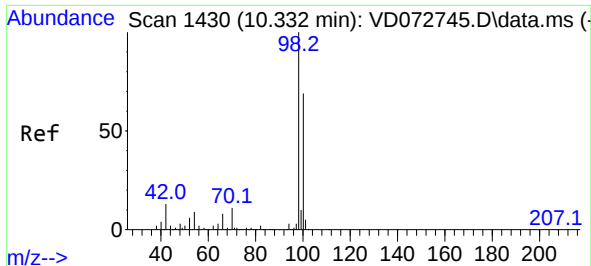
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.0 14.6 21.8

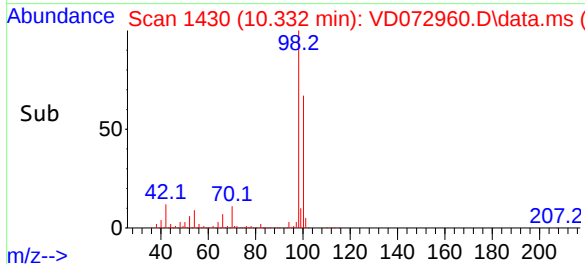
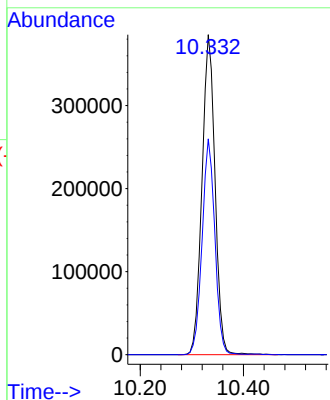
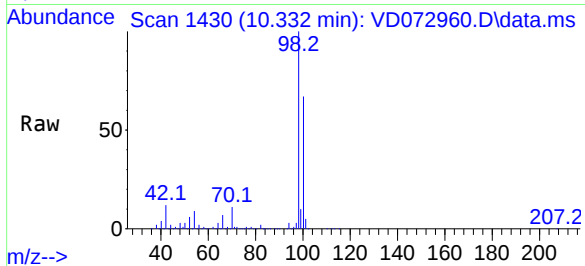




#50
Toluene-d8
Concen: 48.445 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

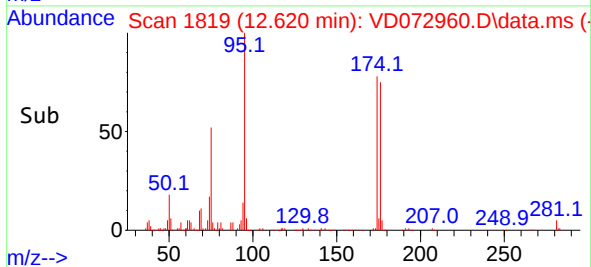
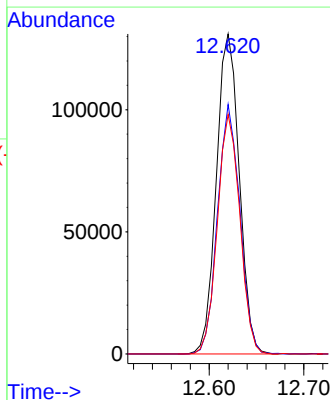
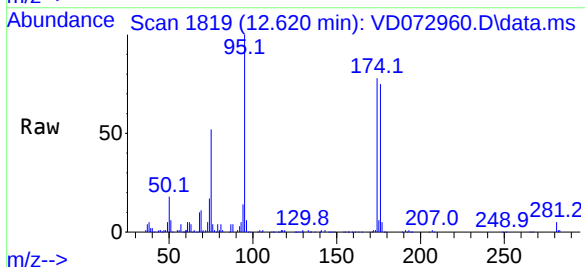
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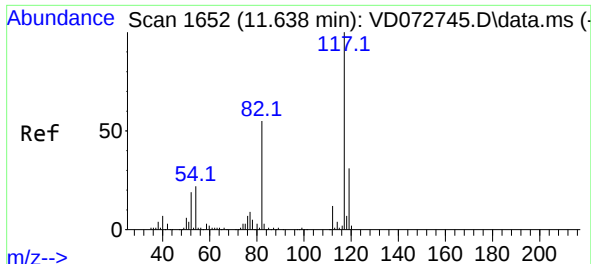
Tgt Ion: 98 Resp: 673285
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Tgt Ion: 95 Resp: 220330
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.5 0.0 145.4

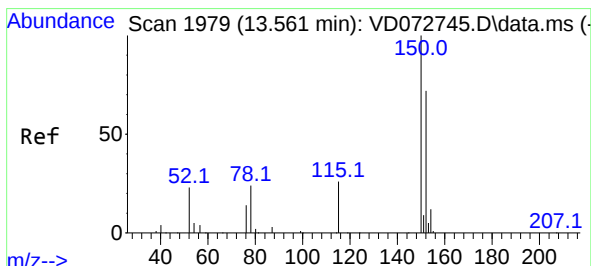
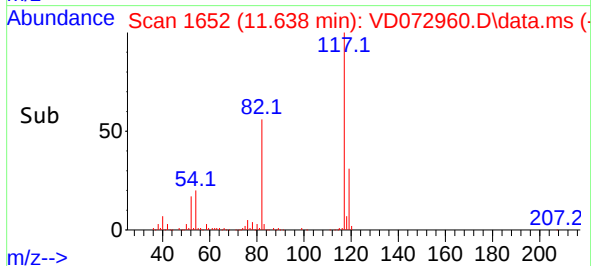
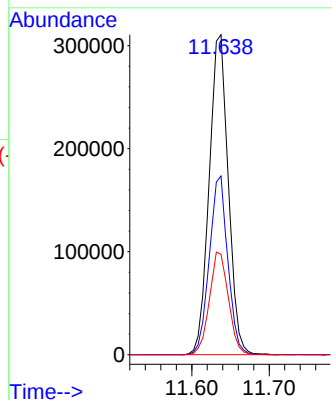
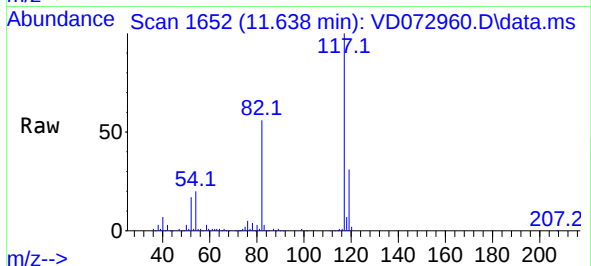




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS018-0006-01

Tgt Ion:117 Resp: 531414
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Tgt Ion:152 Resp: 202019
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 157.8 0.0 348.6

