

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072996.D
 Acq On : 13 May 2022 18:22
 Operator : VA/SY
 Sample : N2816-04
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-02

Quant Time: May 16 05:15:49 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	366488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	657246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	659806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	294056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201678	42.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.909	113	211009	45.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.420%
50) Toluene-d8	10.332	98	801094	48.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.620	95	305170	49.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.860%

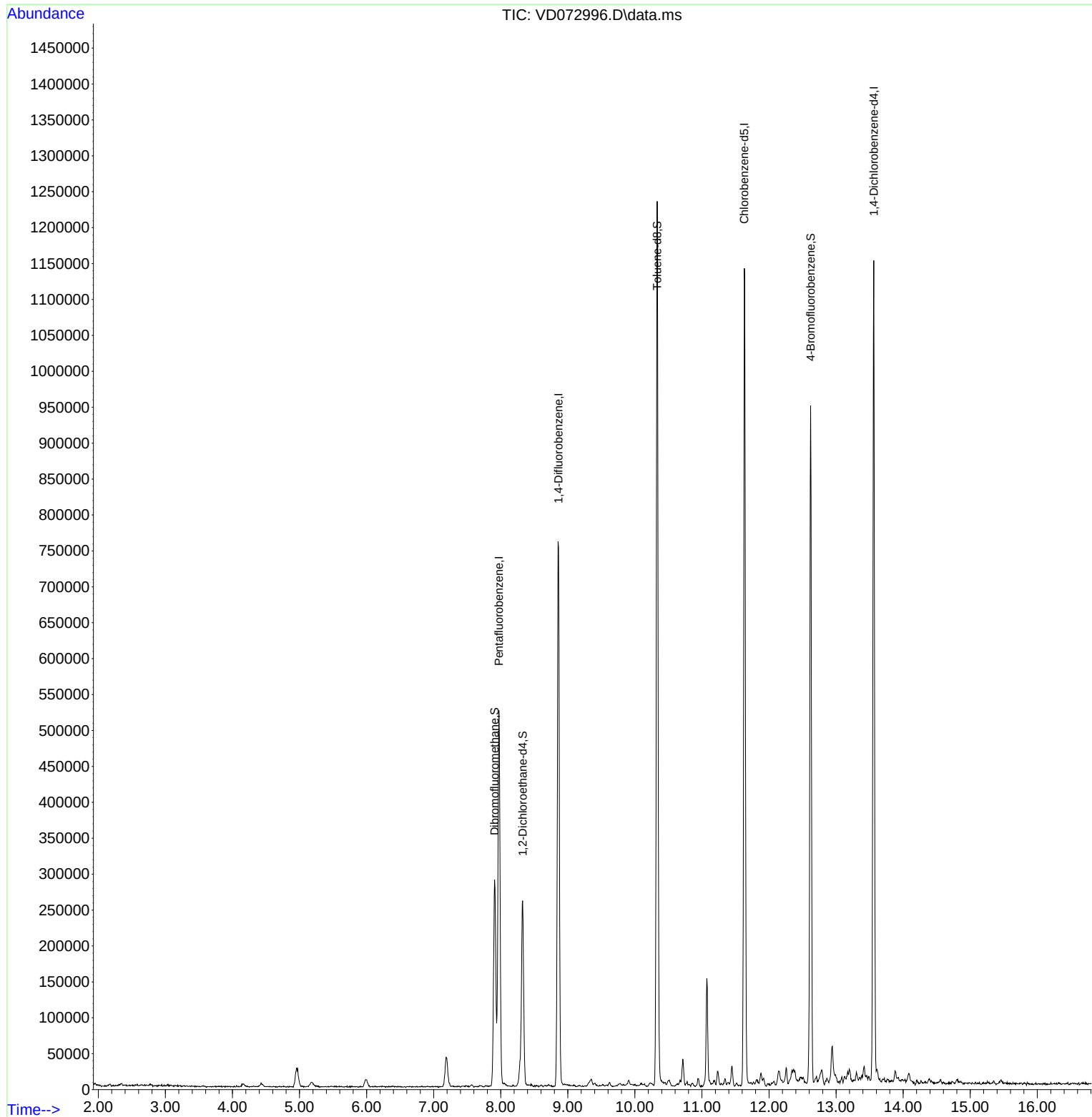
Target Compounds	Qvalue

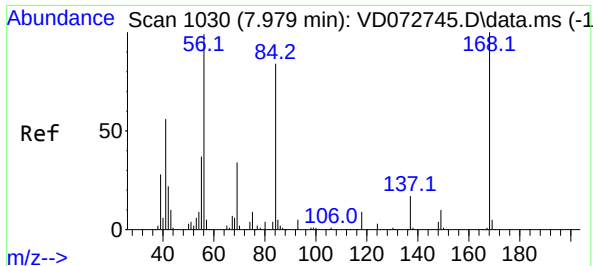
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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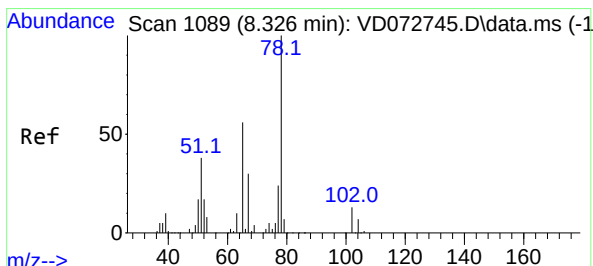
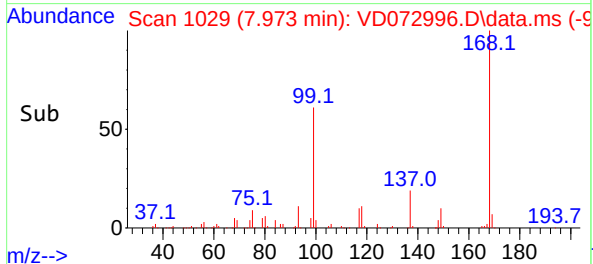
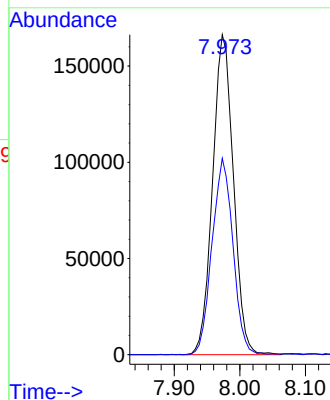
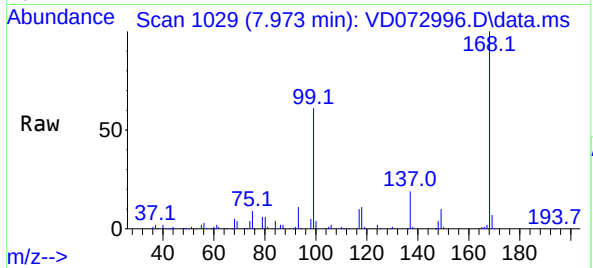




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072996.D
Acq: 13 May 2022 18:22

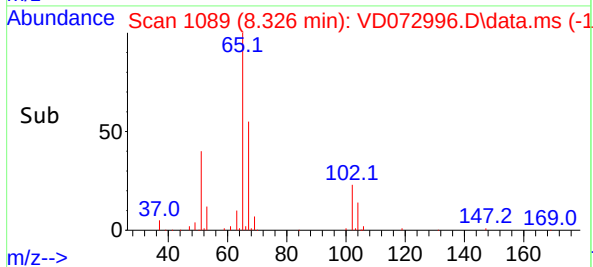
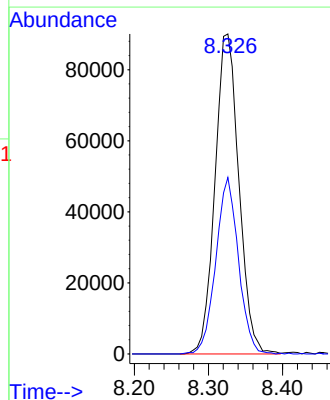
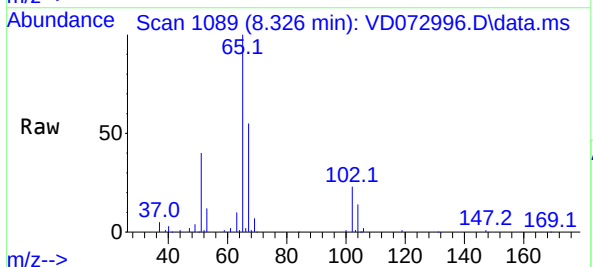
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-02

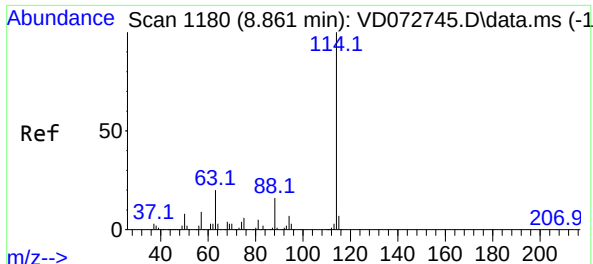
Tgt Ion:168 Resp: 366488
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.393 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072996.D
Acq: 13 May 2022 18:22

Tgt Ion: 65 Resp: 201678
Ion Ratio Lower Upper
65 100
67 52.2 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: VD072996.D

Acq: 13 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-02

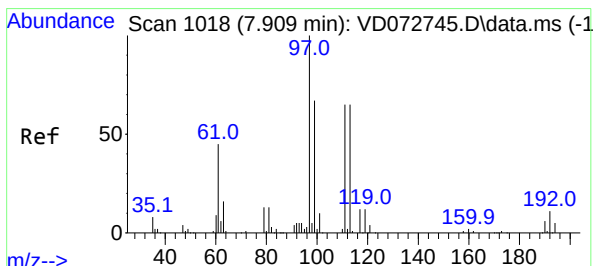
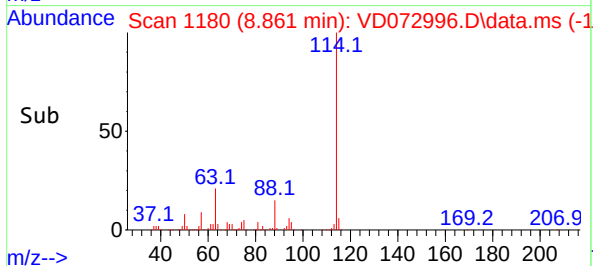
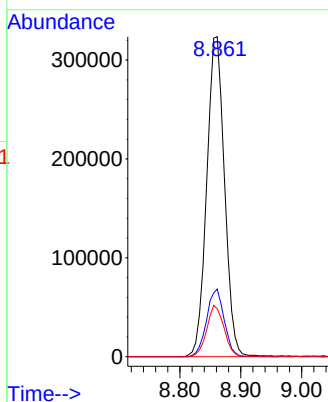
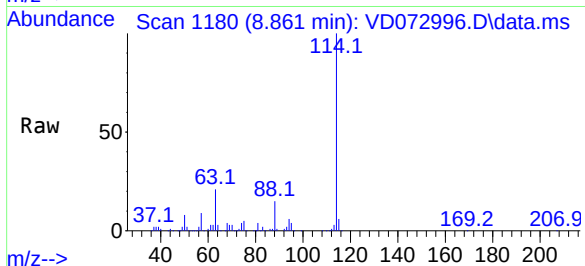
Tgt Ion:114 Resp: 657246

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.713 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072996.D

Acq: 13 May 2022 18:22

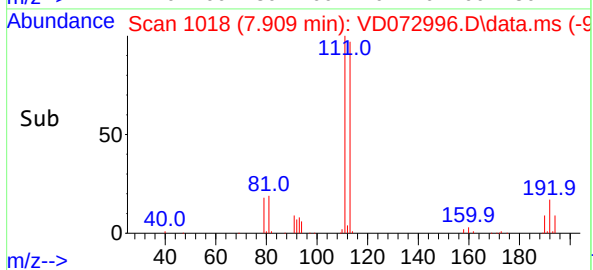
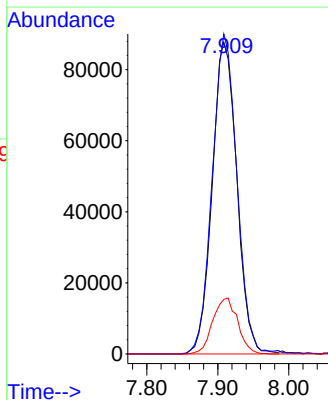
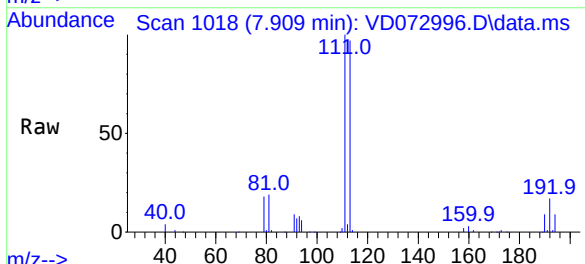
Tgt Ion:113 Resp: 211009

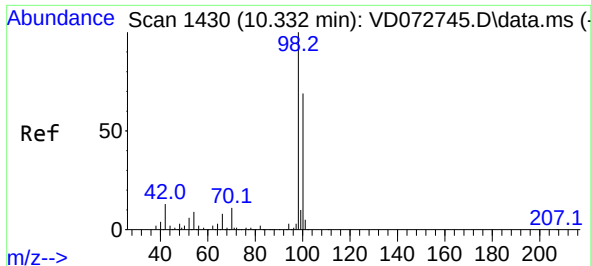
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.2 14.6 21.8

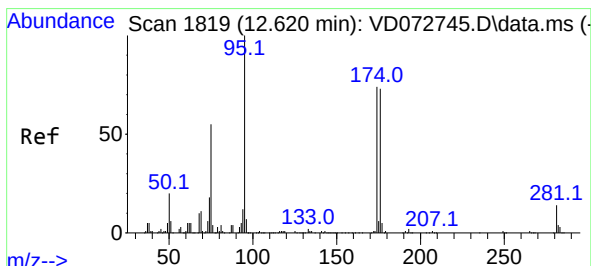
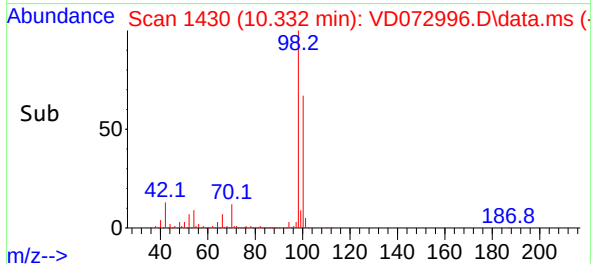
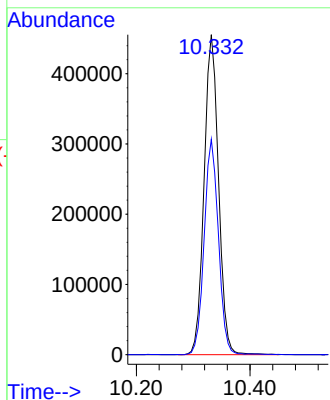
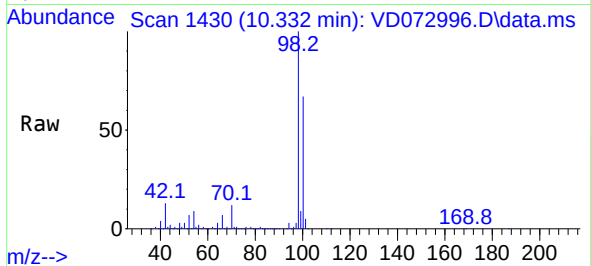




#50
Toluene-d8
Concen: 48.382 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072996.D
Acq: 13 May 2022 18:22

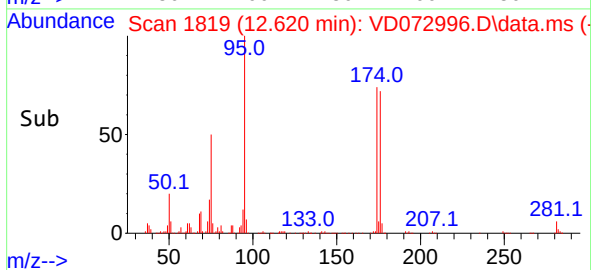
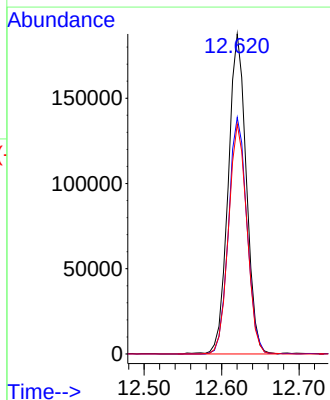
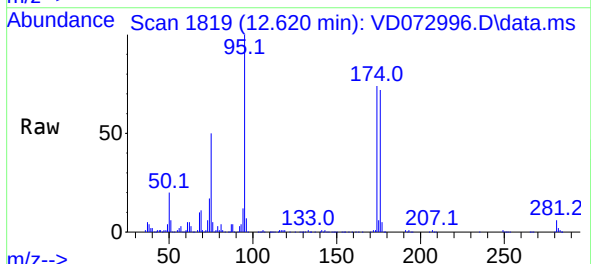
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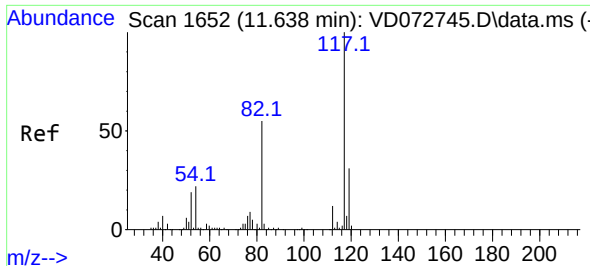
Tgt Ion: 98 Resp: 801094
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072996.D
Acq: 13 May 2022 18:22

Tgt Ion: 95 Resp: 305170
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.6 0.0 145.4

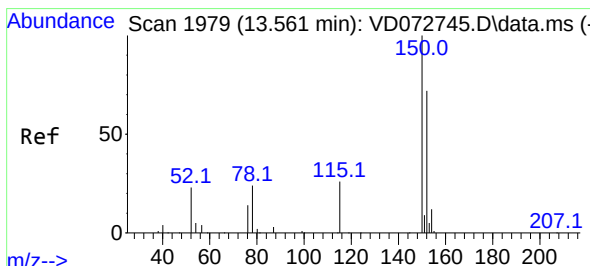
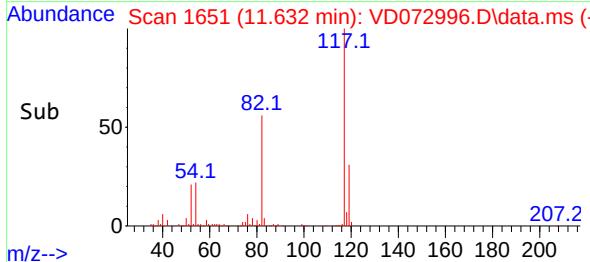
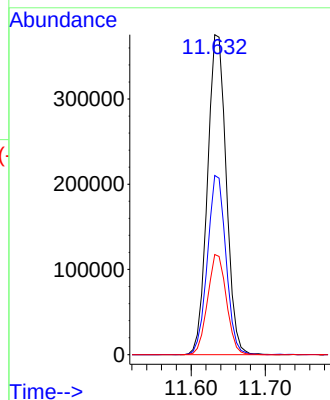
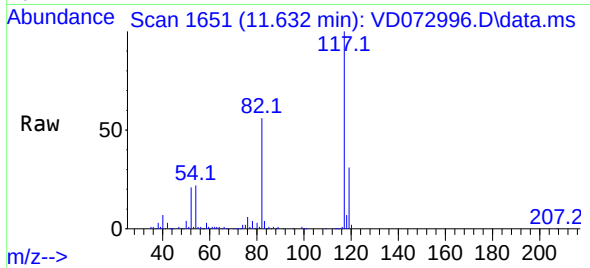




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072996.D
Acq: 13 May 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-02

Tgt Ion:117 Resp: 659806
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.3 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: VD072996.D
Acq: 13 May 2022 18:22

Tgt Ion:152 Resp: 294056
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.9 0.0 348.6

