

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073045.D
 Acq On : 16 May 2022 20:03
 Operator : VA/SY
 Sample : N2816-07
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1218-01

Quant Time: May 17 03:31:05 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	268525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	488350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	522561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159744	45.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.908	113	168250	49.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.332	98	610439	49.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.620	95	222787	48.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.140%

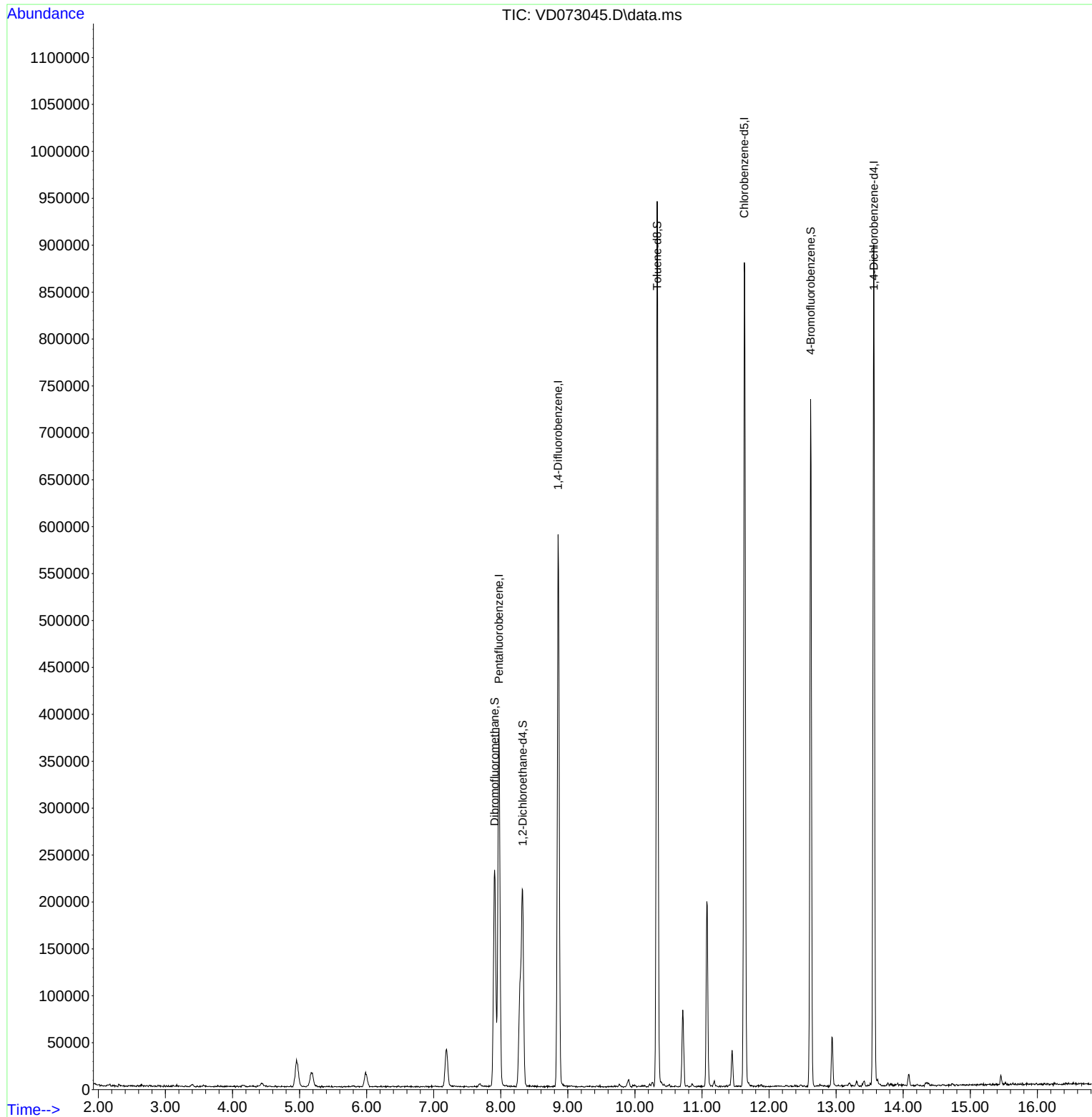
Target Compounds	Qvalue

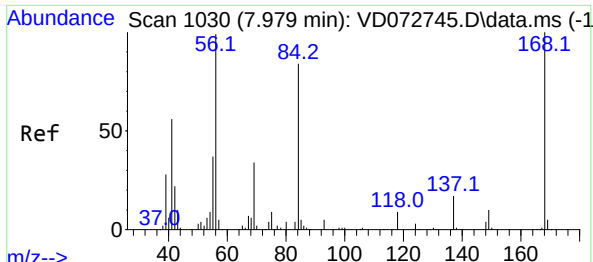
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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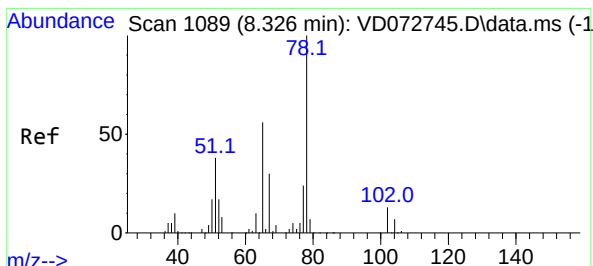
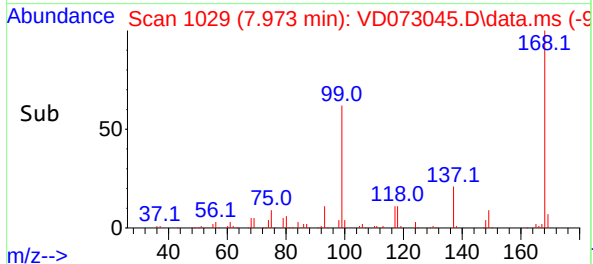
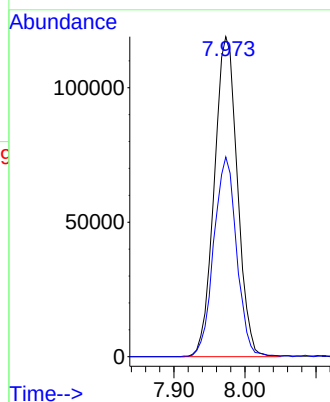
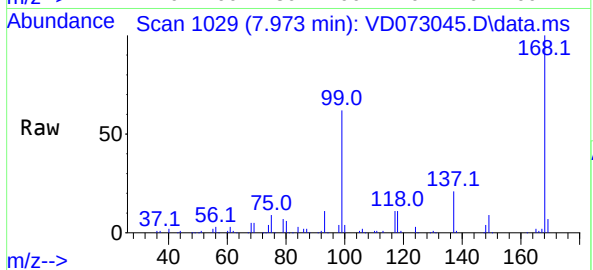




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073045.D
Acq: 16 May 2022 20:03

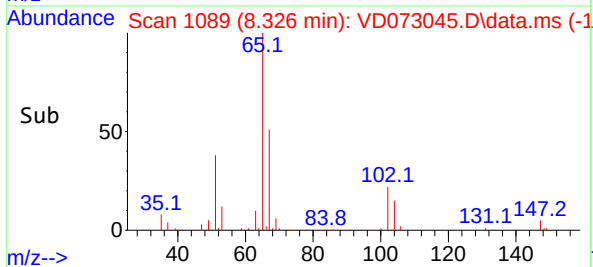
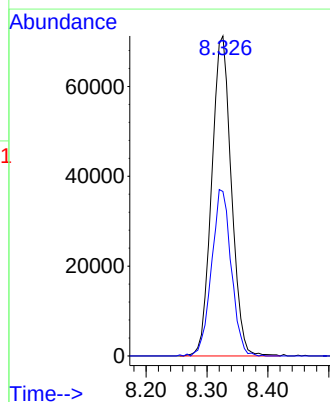
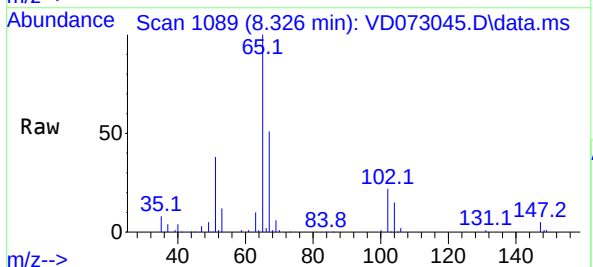
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1218-01

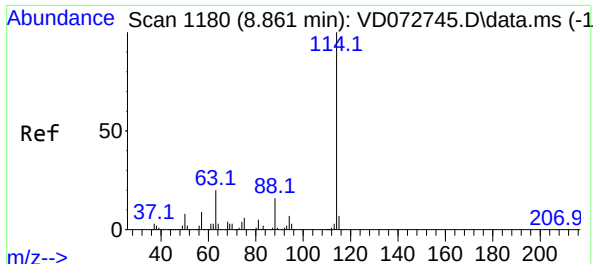
Tgt Ion:168 Resp: 268525
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.829 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073045.D
Acq: 16 May 2022 20:03

Tgt Ion: 65 Resp: 159744
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073045.D

Acq: 16 May 2022 20:03

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1218-01

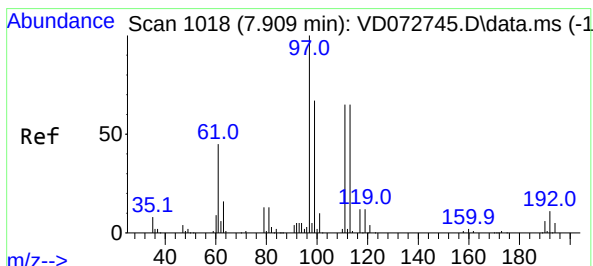
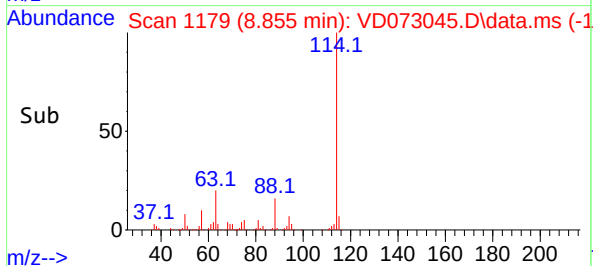
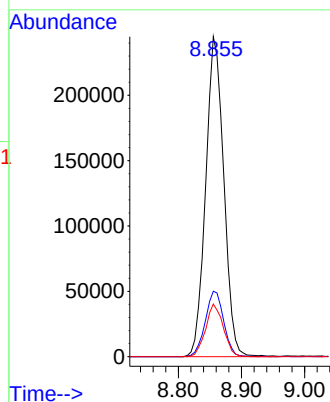
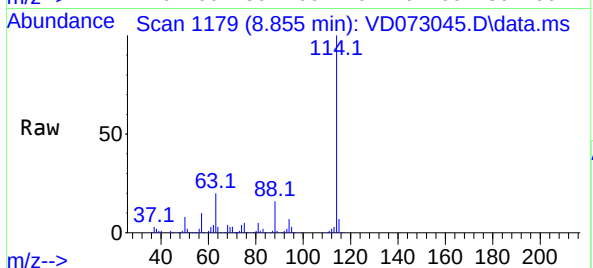
Tgt Ion:114 Resp: 488350

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.056 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073045.D

Acq: 16 May 2022 20:03

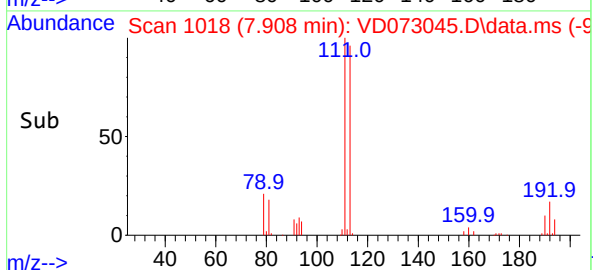
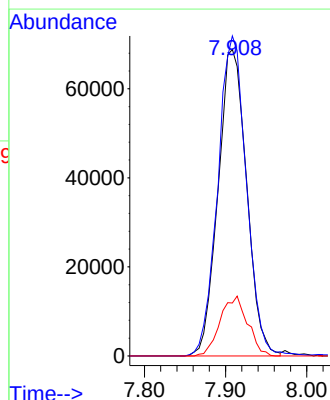
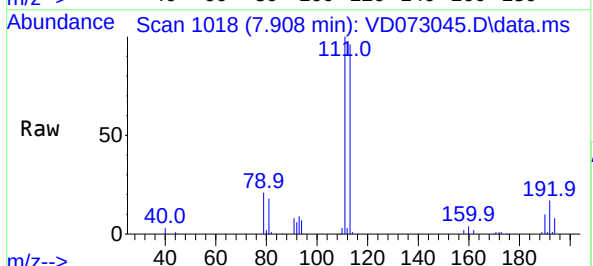
Tgt Ion:113 Resp: 168250

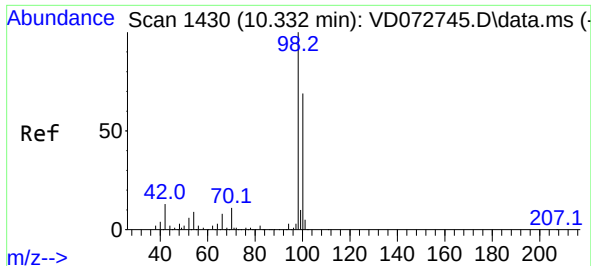
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 18.8 14.6 21.8

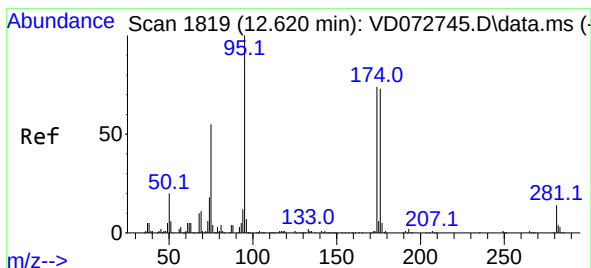
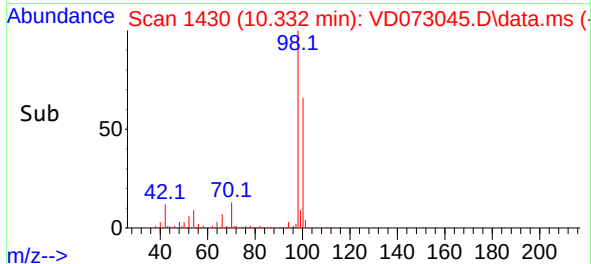
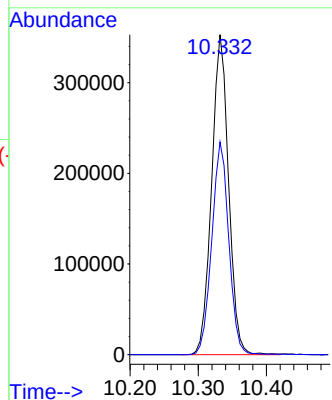
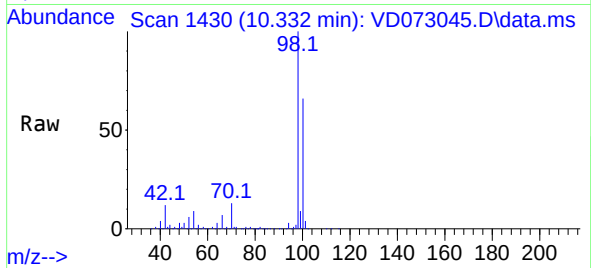




#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073045.D
Acq: 16 May 2022 20:03

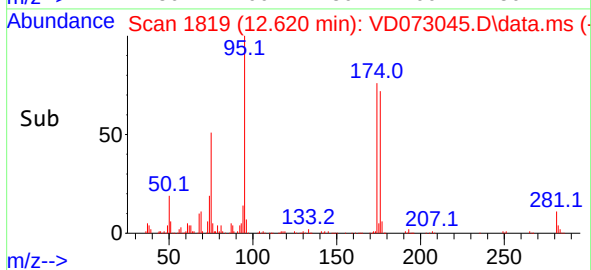
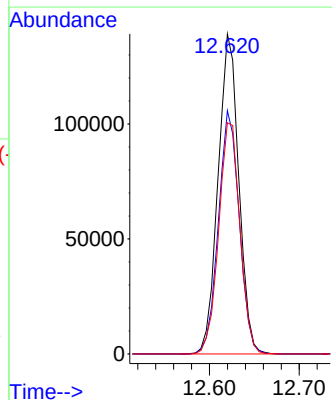
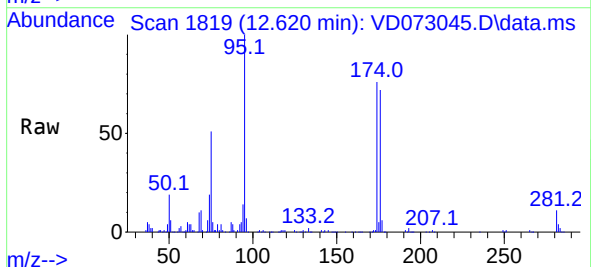
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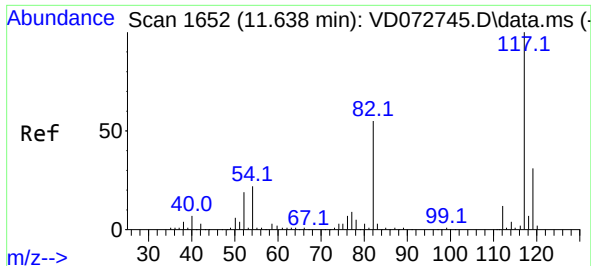
Tgt Ion: 98 Resp: 610439
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.565 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073045.D
Acq: 16 May 2022 20:03

Tgt Ion: 95 Resp: 222787
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.0 0.0 145.4

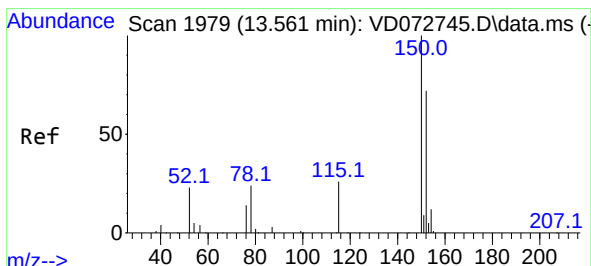
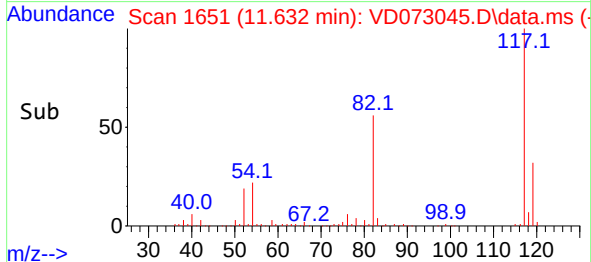
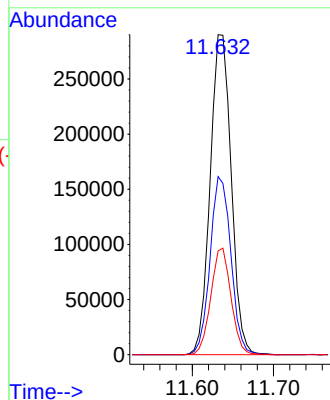
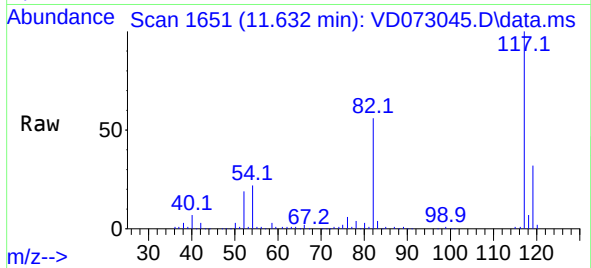




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073045.D
Acq: 16 May 2022 20:03

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1218-01

Tgt Ion:117 Resp: 522561
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: VD073045.D
Acq: 16 May 2022 20:03

Tgt Ion:152 Resp: 232679
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 159.4 0.0 348.6

