

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072829.D
 Acq On : 06 May 2022 01:46
 Operator : VA/SY
 Sample : N2680-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B1-5-7

Quant Time: May 06 03:55:07 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	161558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	292947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	301911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	136767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	138828	66.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.400%
35) Dibromofluoromethane	7.908	113	109344	53.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.332	98	358647	48.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.620	95	138765	50.426	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.860%

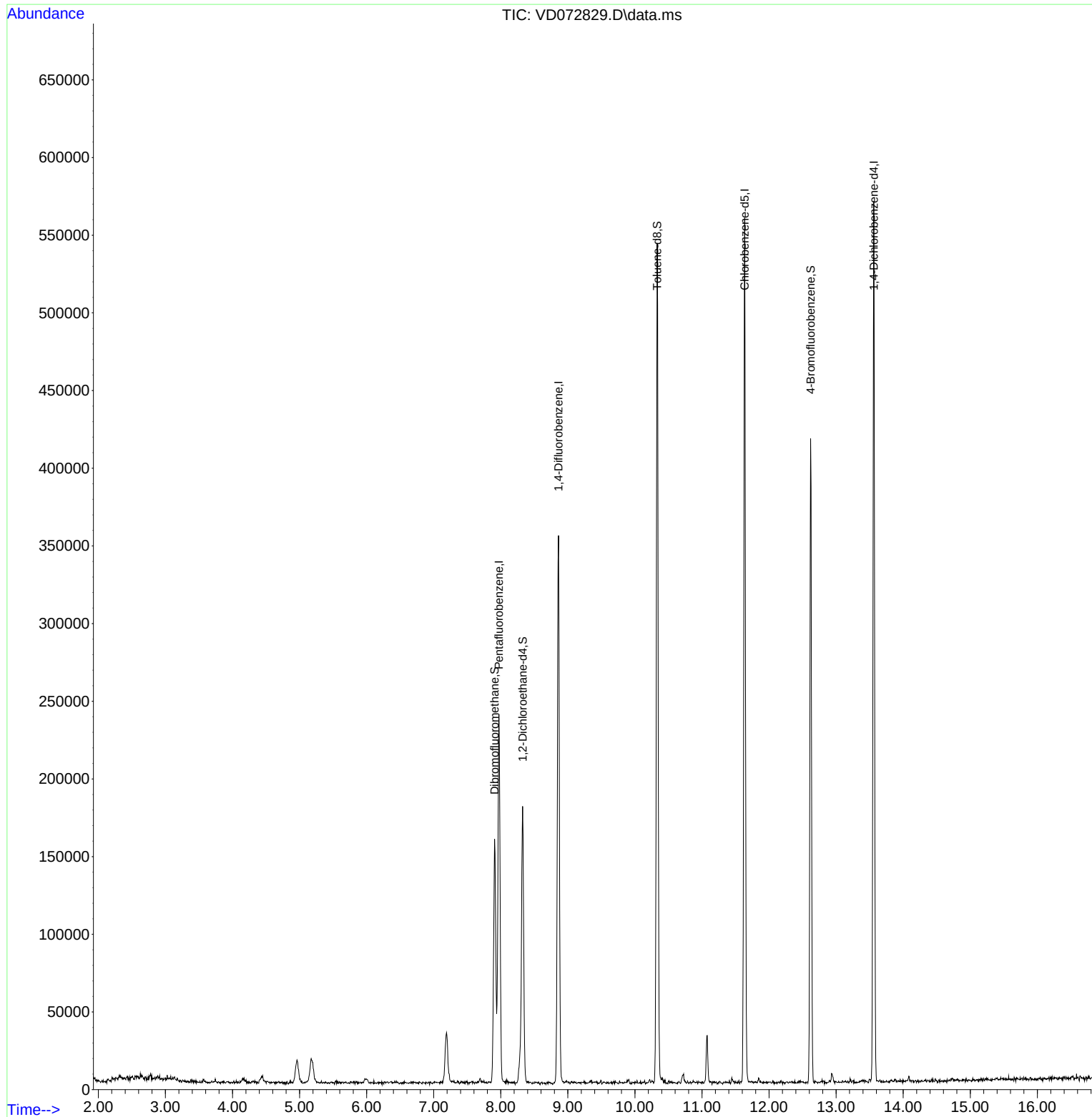
Target Compounds	Qvalue

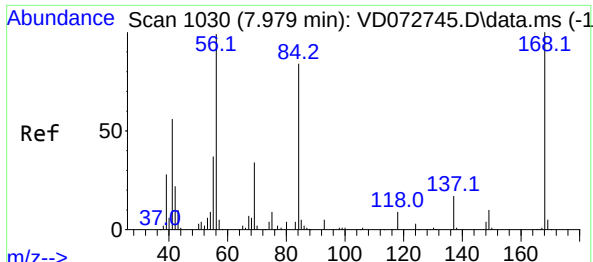
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072829.D

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Instrument :

MSVOA_D

ClientSampleId :

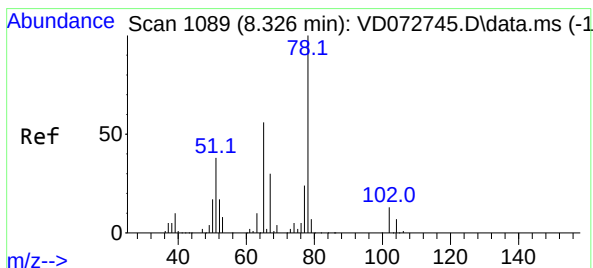
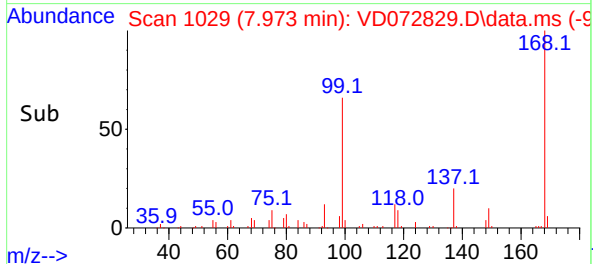
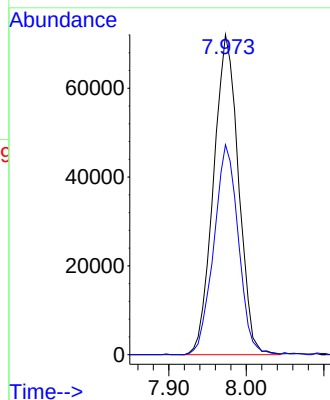
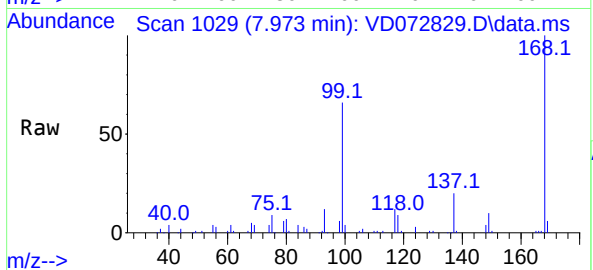
B1-5-7

Tgt Ion:168 Resp: 161558

Ion Ratio Lower Upper

168 100

99 65.6 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 66.198 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072829.D

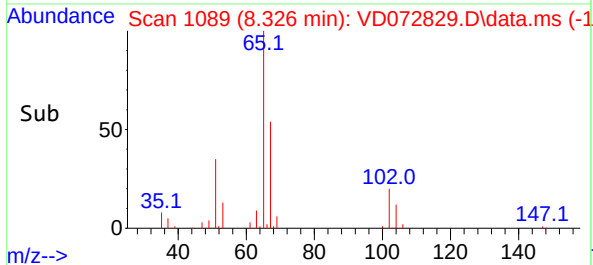
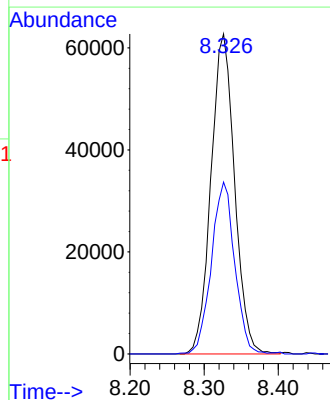
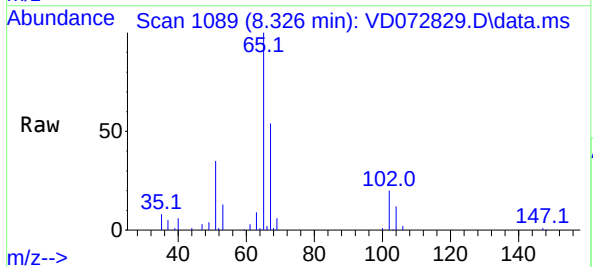
Acq: 06 May 2022 01:46

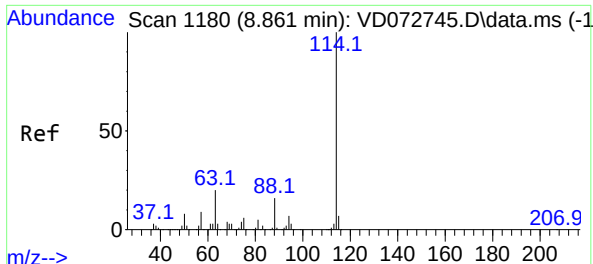
Tgt Ion: 65 Resp: 138828

Ion Ratio Lower Upper

65 100

67 53.0 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: VD072829.D

Acq: 06 May 2022 01:46

Instrument :

MSVOA_D

ClientSampleId :

B1-5-7

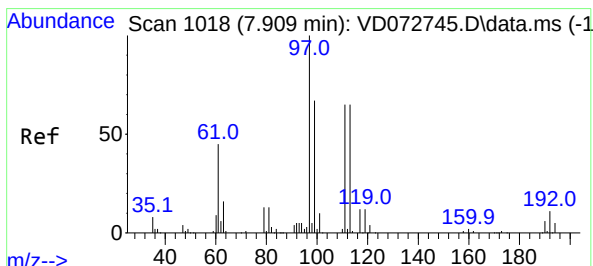
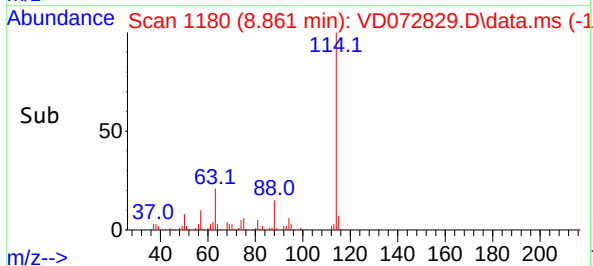
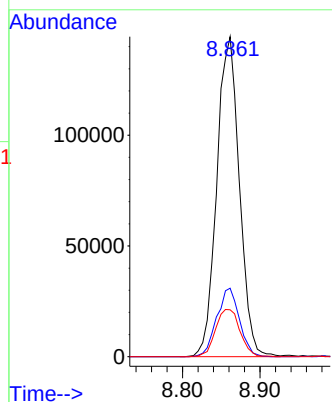
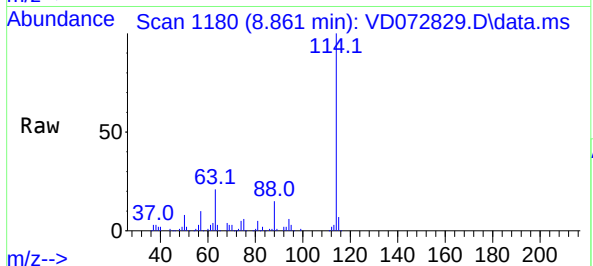
Tgt Ion:114 Resp: 292947

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.147 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072829.D

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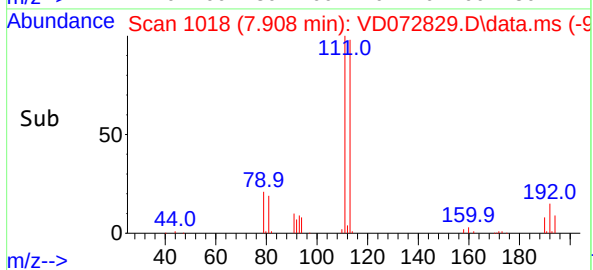
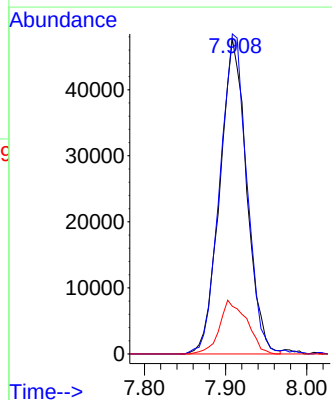
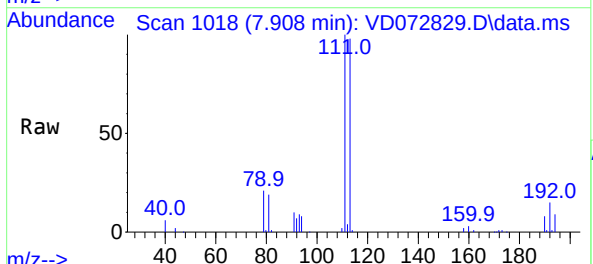
Tgt Ion:113 Resp: 109344

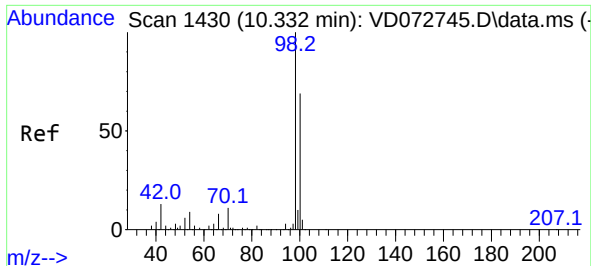
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.4 14.6 21.8

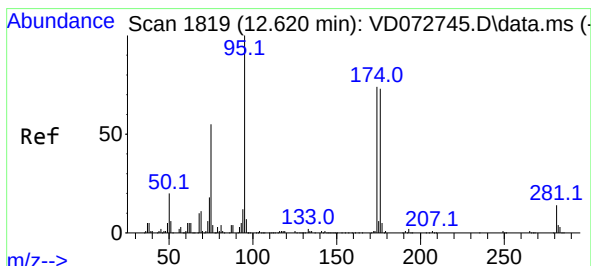
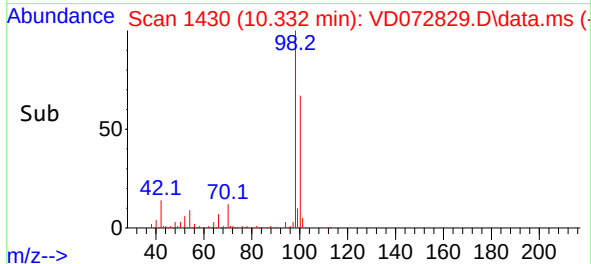
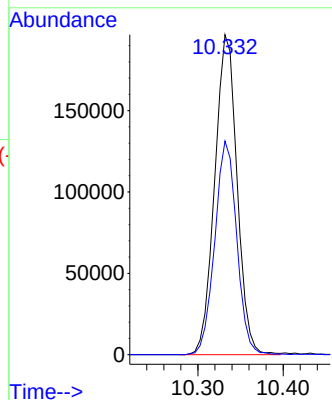
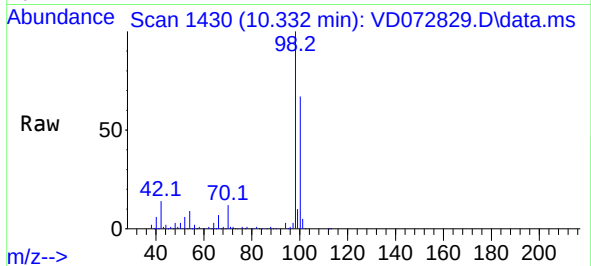




#50
Toluene-d8
Concen: 48.597 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072829.D
Acq: 06 May 2022 01:46

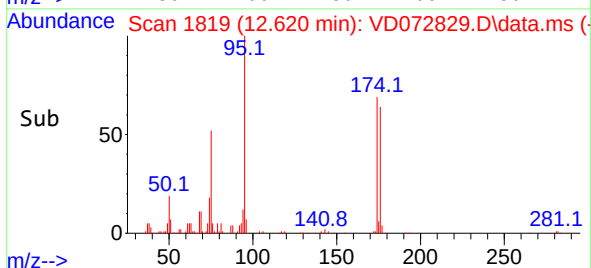
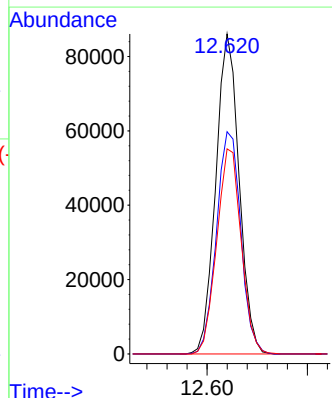
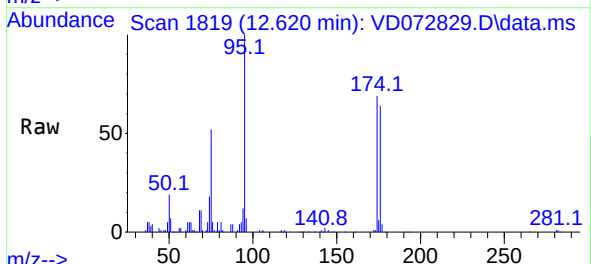
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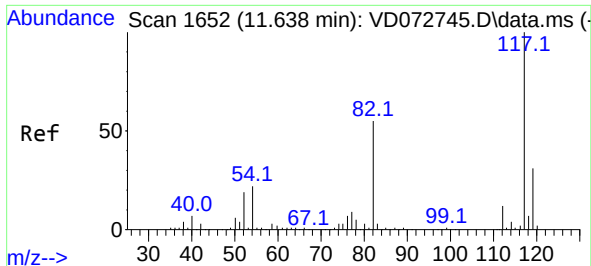
Tgt Ion: 98 Resp: 358647
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.426 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072829.D
Acq: 06 May 2022 01:46

Tgt Ion: 95 Resp: 138765
Ion Ratio Lower Upper
95 100
174 72.4 0.0 152.8
176 67.2 0.0 145.4

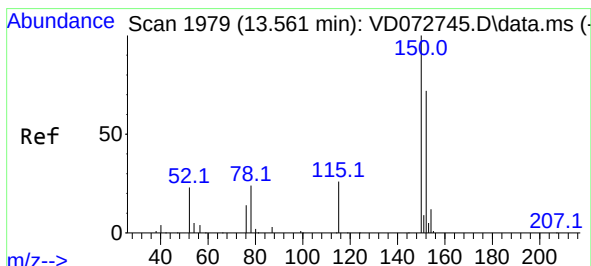
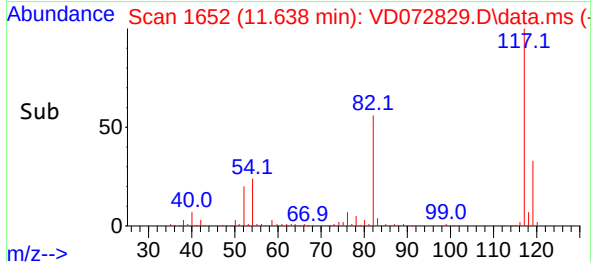
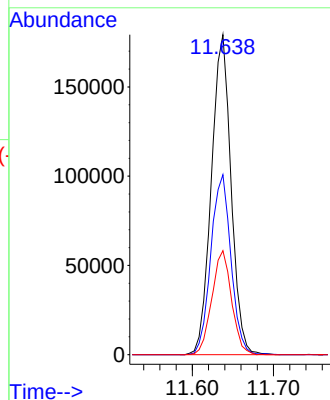
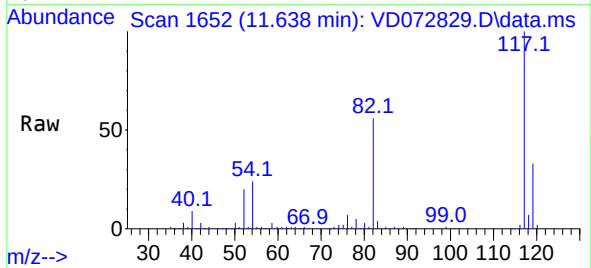




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072829.D
Acq: 06 May 2022 01:46

Instrument :
MSVOA_D
ClientSampleId :
B1-5-7

Tgt Ion:117 Resp: 301911
Ion Ratio Lower Upper
117 100
82 56.3 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: VD072829.D
Acq: 06 May 2022 01:46

Tgt Ion:152 Resp: 136767
Ion Ratio Lower Upper
152 100
115 64.6 31.3 93.8
150 159.8 0.0 348.6

