

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072817.D
 Acq On : 05 May 2022 18:37
 Operator : VA/SY
 Sample : N2672-10
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10

Quant Time: May 06 03:51:34 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)

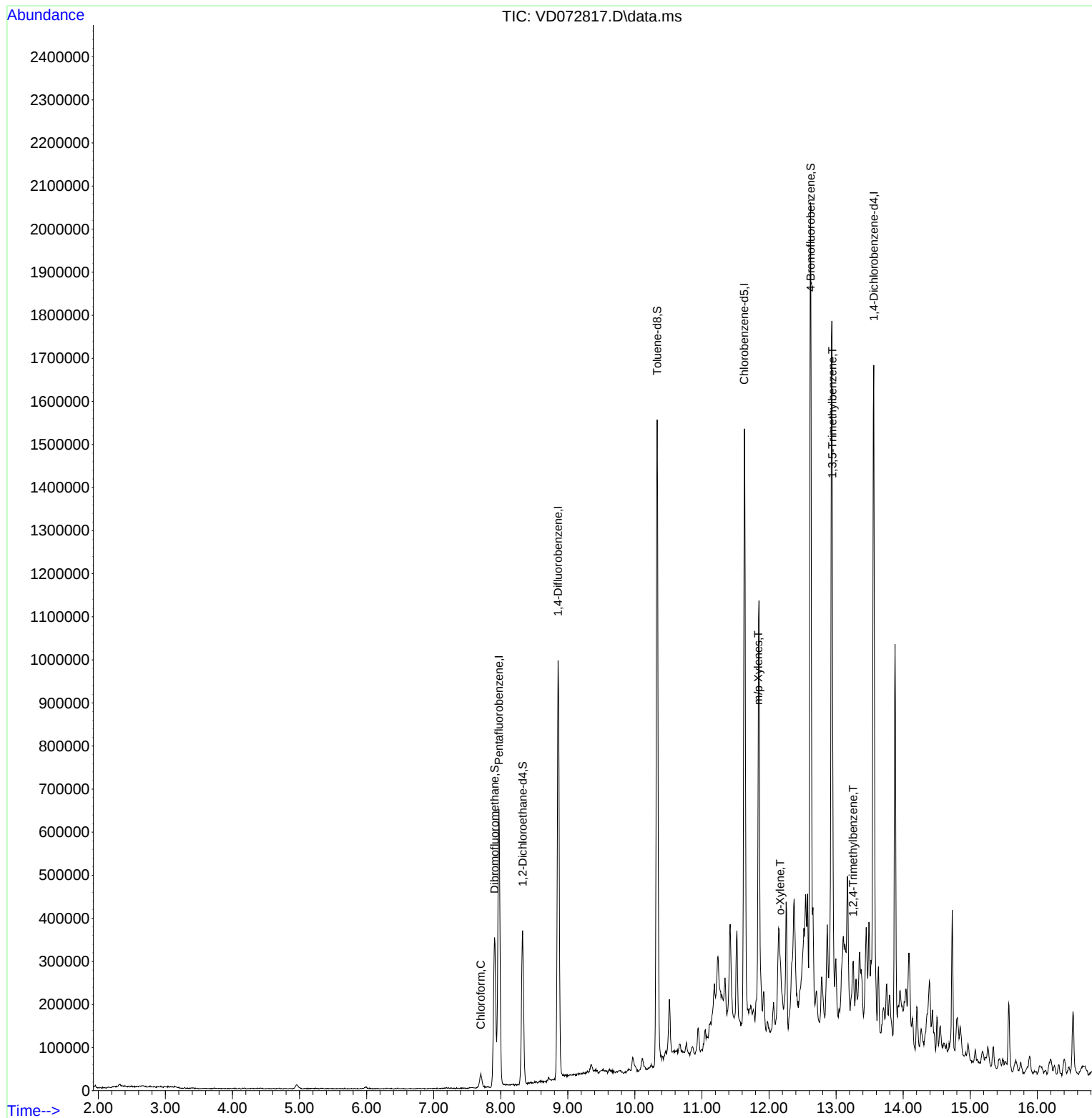
Internal Standards						
1) Pentafluorobenzene	7.973	168	441323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	797602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	767734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	346714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278629	48.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.280%
35) Dibromofluoromethane	7.908	113	250861	44.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.560%
50) Toluene-d8	10.332	98	992484	49.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.620	95	386279	51.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.120%
Target Compounds						
					Qvalue	
30) Chloroform	7.703	83	25022	2.083	ug/l	89
68) m/p-Xylenes	11.838	106	15624	1.320	ug/l	95
69) o-Xylene	12.167	106	19066	1.725	ug/l	91
80) 1,3,5-Trimethylbenzene	12.944	105	58585	2.561	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	75789	3.315	ug/l	100

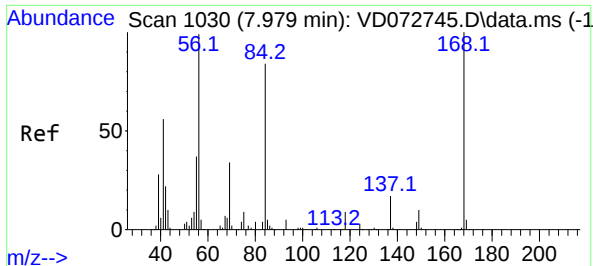
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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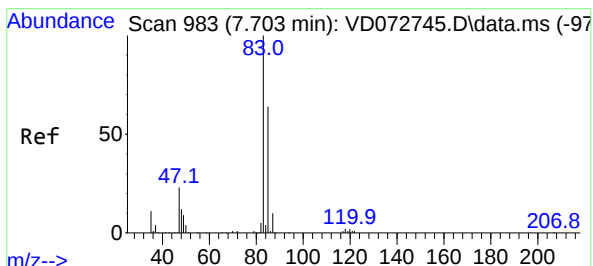
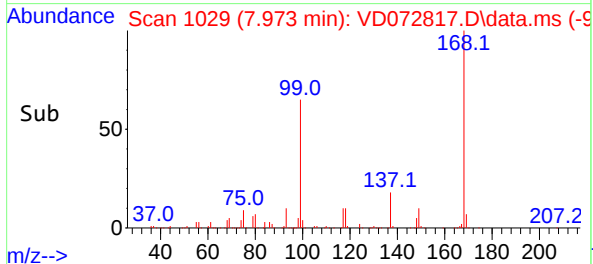
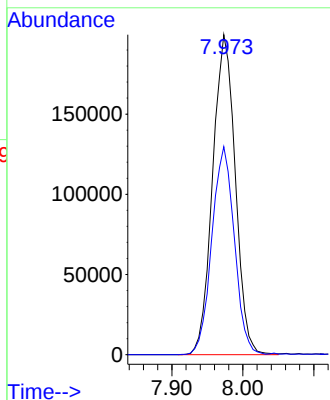
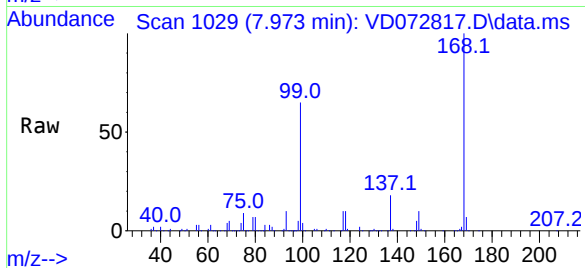




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

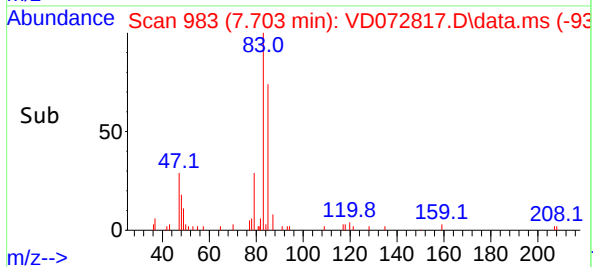
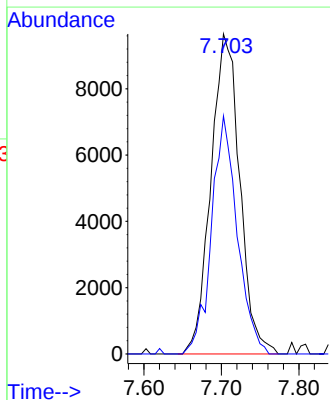
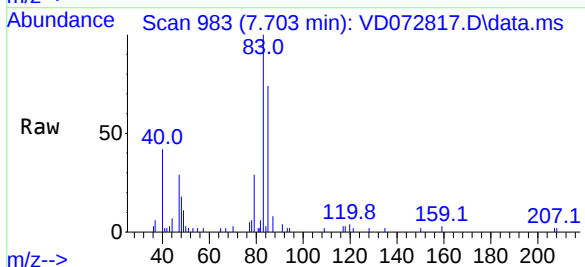
Instrument :
MSVOA_D
ClientSampleId :
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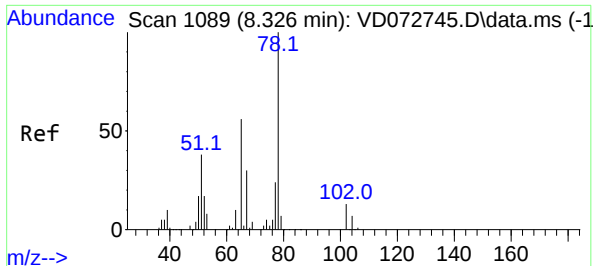
Tgt Ion:168 Resp: 441323
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6



#30
Chloroform
Concen: 2.083 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

Tgt Ion: 83 Resp: 25022
Ion Ratio Lower Upper
83 100
85 74.3 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 48.637 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072817.D

Acq: 05 May 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

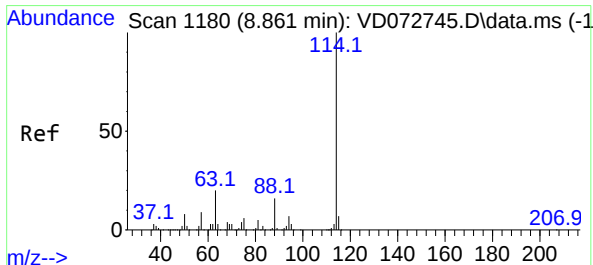
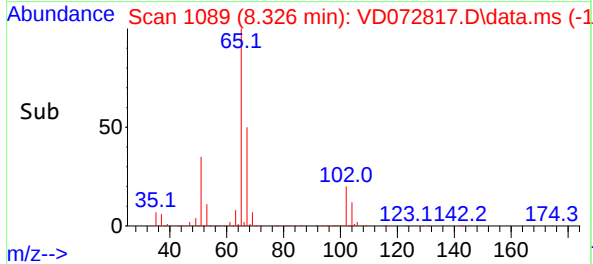
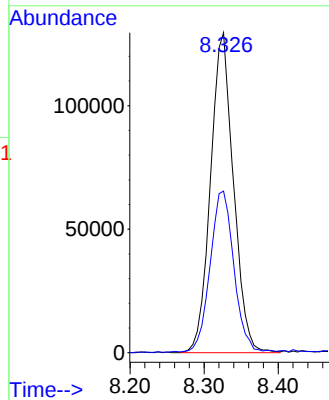
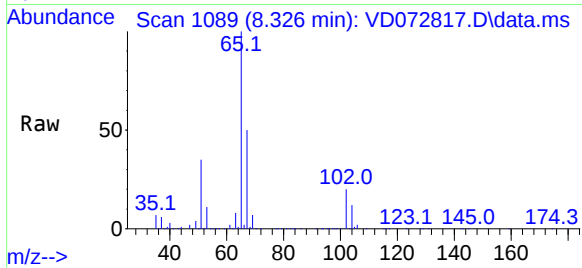
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Tgt Ion: 65 Resp: 278629

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# 1179

Delta R.T. -0.006 min

Lab File: VD072817.D

Acq: 05 May 2022 18:37

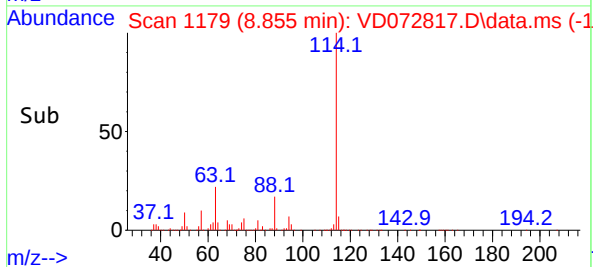
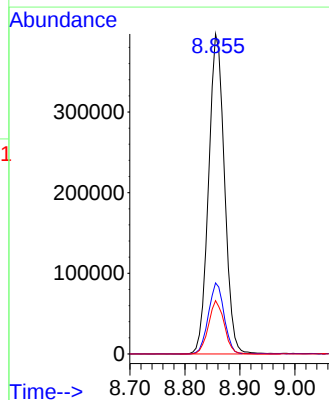
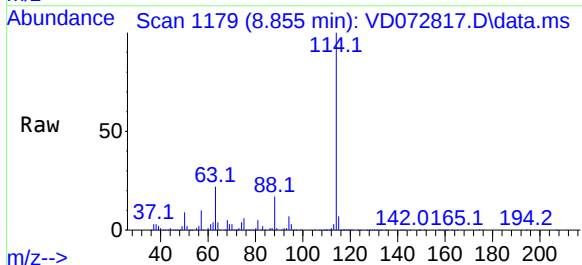
Tgt Ion: 114 Resp: 797602

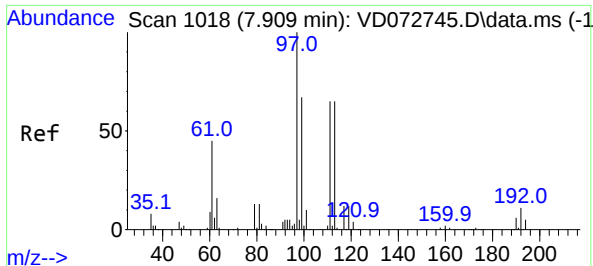
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.783 ug/l

RT: 7.908 min Scan# 10

Delta R.T. -0.001 min

Lab File: VD072817.D

Acq: 05 May 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

10

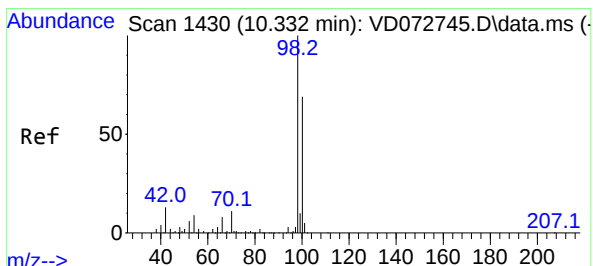
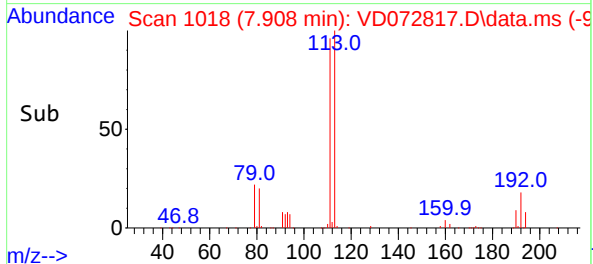
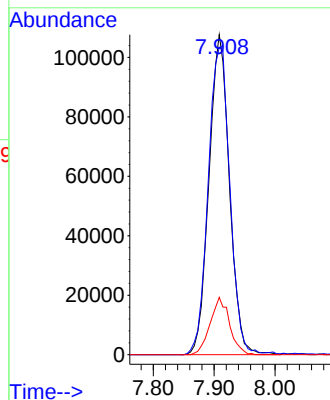
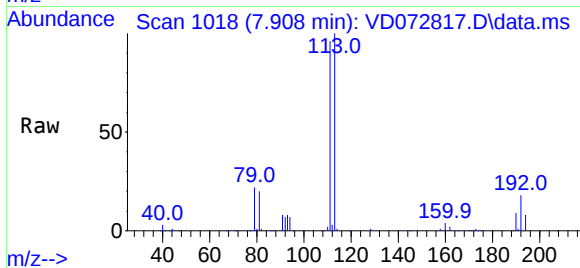
Tgt Ion:113 Resp: 250861

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.0 14.6 21.8



#50

Toluene-d8

Concen: 49.393 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072817.D

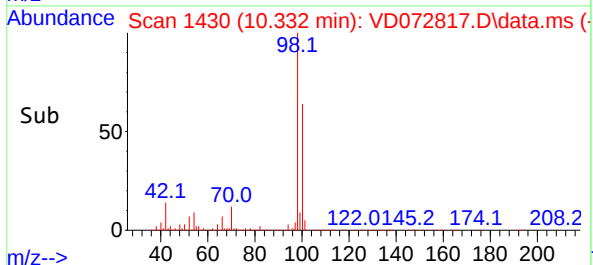
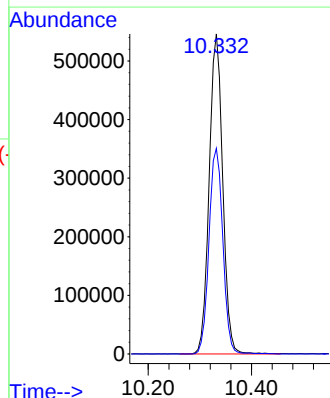
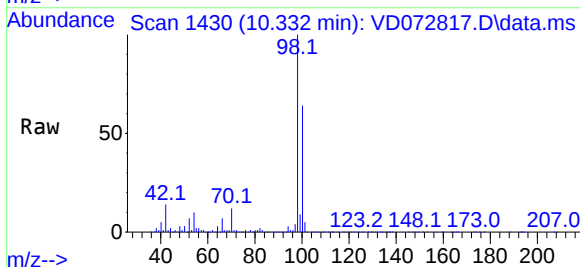
Acq: 05 May 2022 18:37

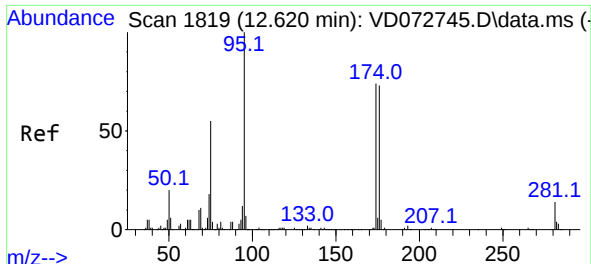
Tgt Ion: 98 Resp: 992484

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

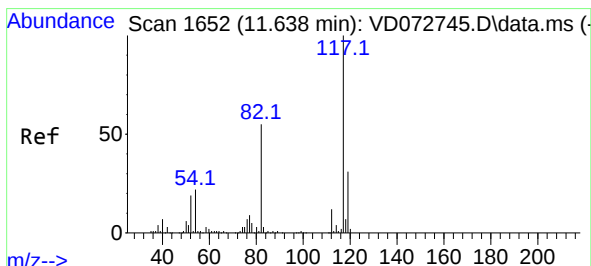
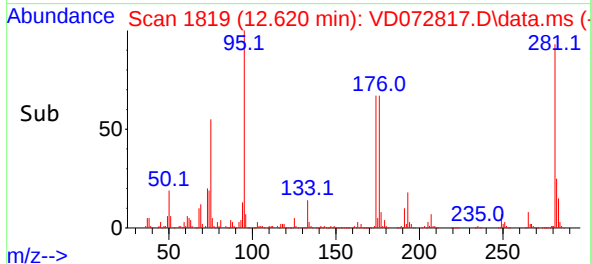
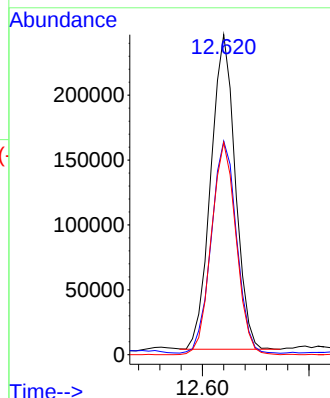
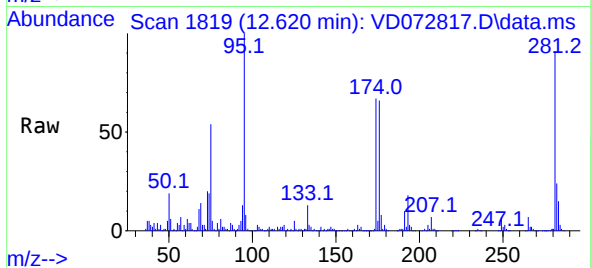




#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

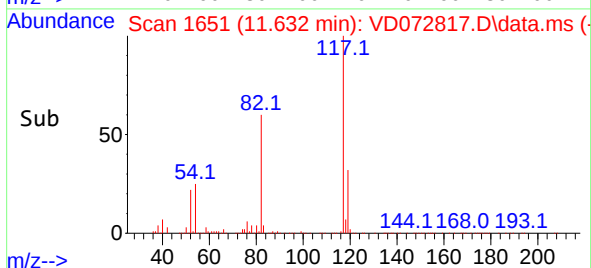
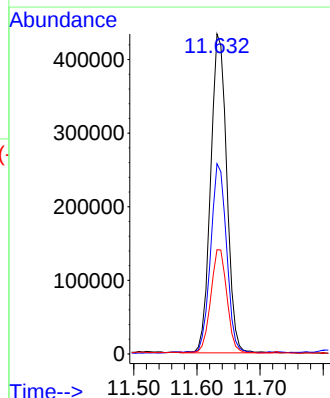
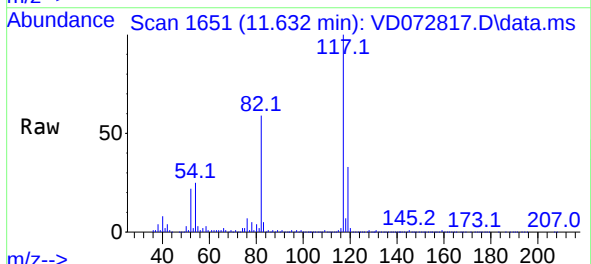
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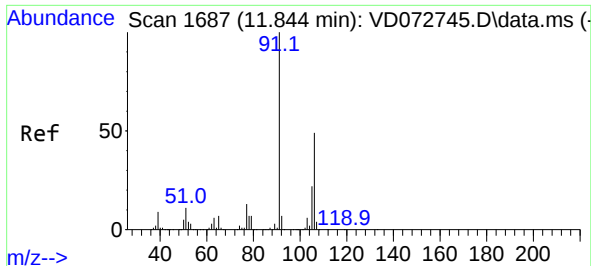
Tgt Ion: 95 Resp: 386279
Ion Ratio Lower Upper
95 100
174 69.6 0.0 152.8
176 68.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

Tgt Ion: 117 Resp: 767734
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 32.3 26.6 40.0

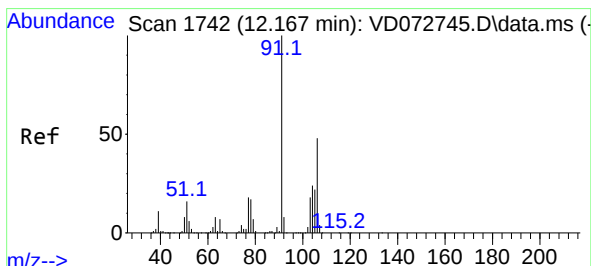
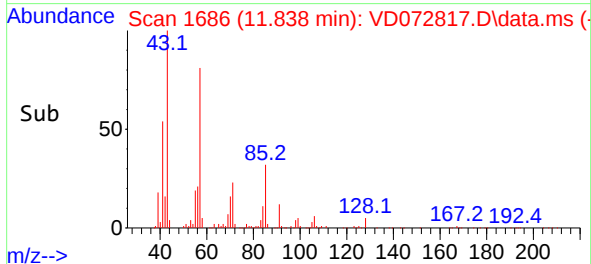
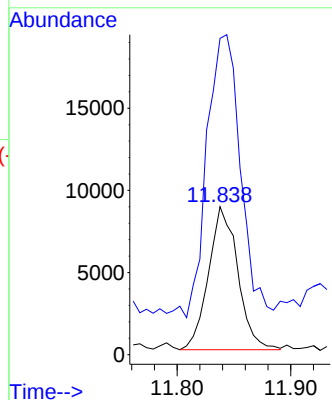
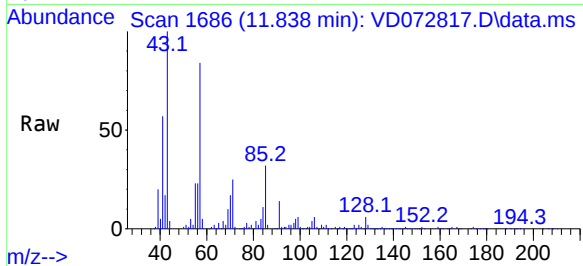




#68
m/p-Xylenes
Concen: 1.320 ug/l
RT: 11.838 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

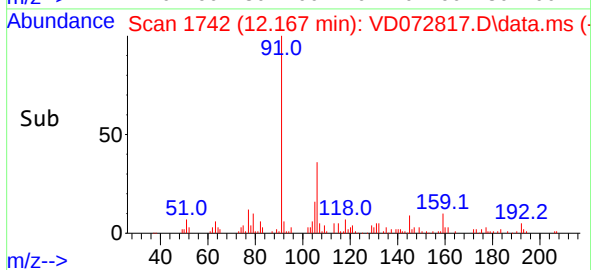
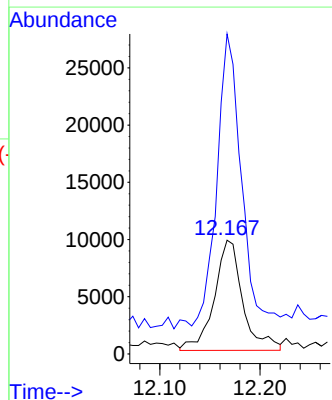
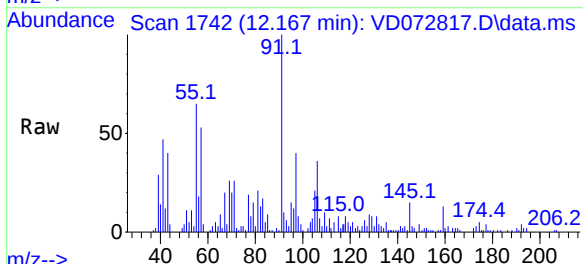
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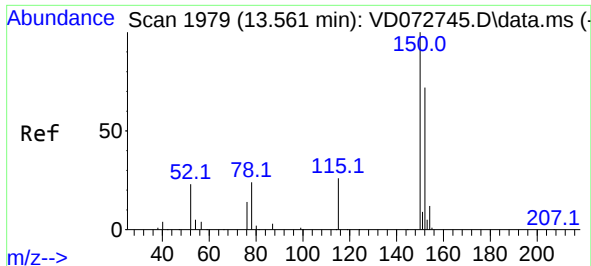
Tgt Ion:106 Resp: 15624
Ion Ratio Lower Upper
106 100
91 212.5 163.7 245.5



#69
o-Xylene
Concen: 1.725 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

Tgt Ion:106 Resp: 19066
Ion Ratio Lower Upper
106 100
91 234.8 110.4 331.2

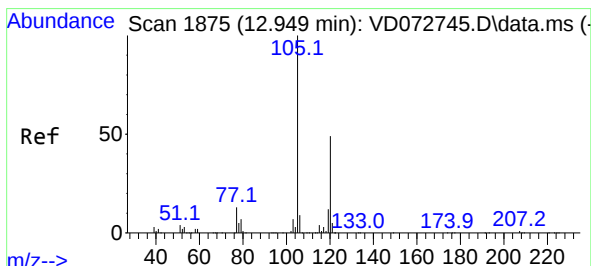
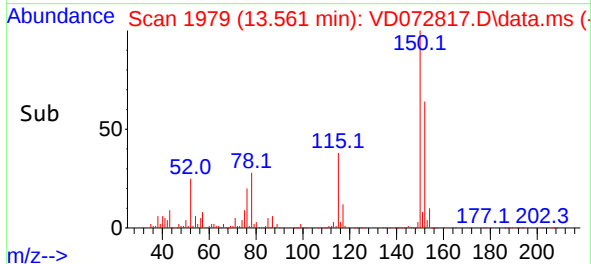
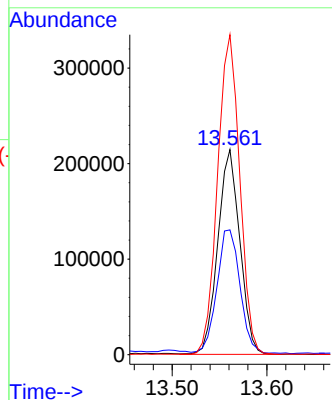
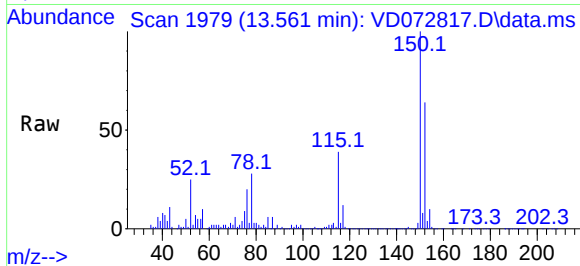




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

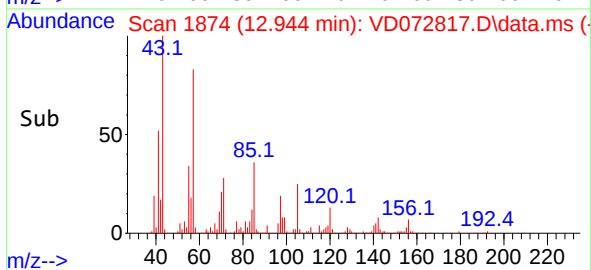
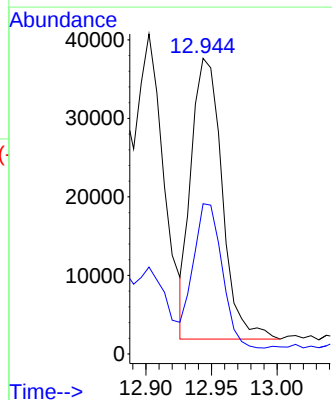
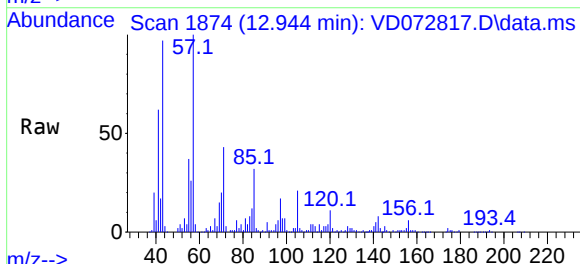
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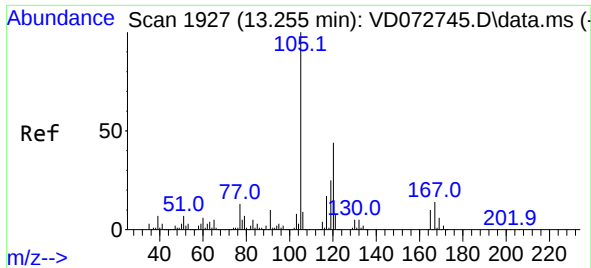
Tgt Ion:152 Resp: 346714
Ion Ratio Lower Upper
152 100
115 64.0 31.3 93.8
150 156.9 0.0 348.6



#80
1,3,5-Trimethylbenzene
Concen: 2.561 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD072817.D
Acq: 05 May 2022 18:37

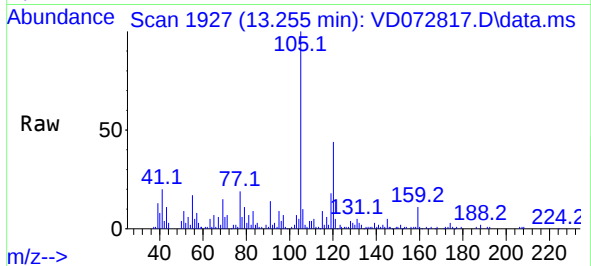
Tgt Ion:105 Resp: 58585
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 3.315 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD072817.D
 Acq: 05 May 2022 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 10



Tgt Ion:105 Resp: 75789
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8

