

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048860.D
 Acq On : 03 Jun 2022 16:16
 Operator : SY/MD
 Sample : N3112-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WEST-DITCH-IN-20220527

Quant Time: Jun 04 04:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

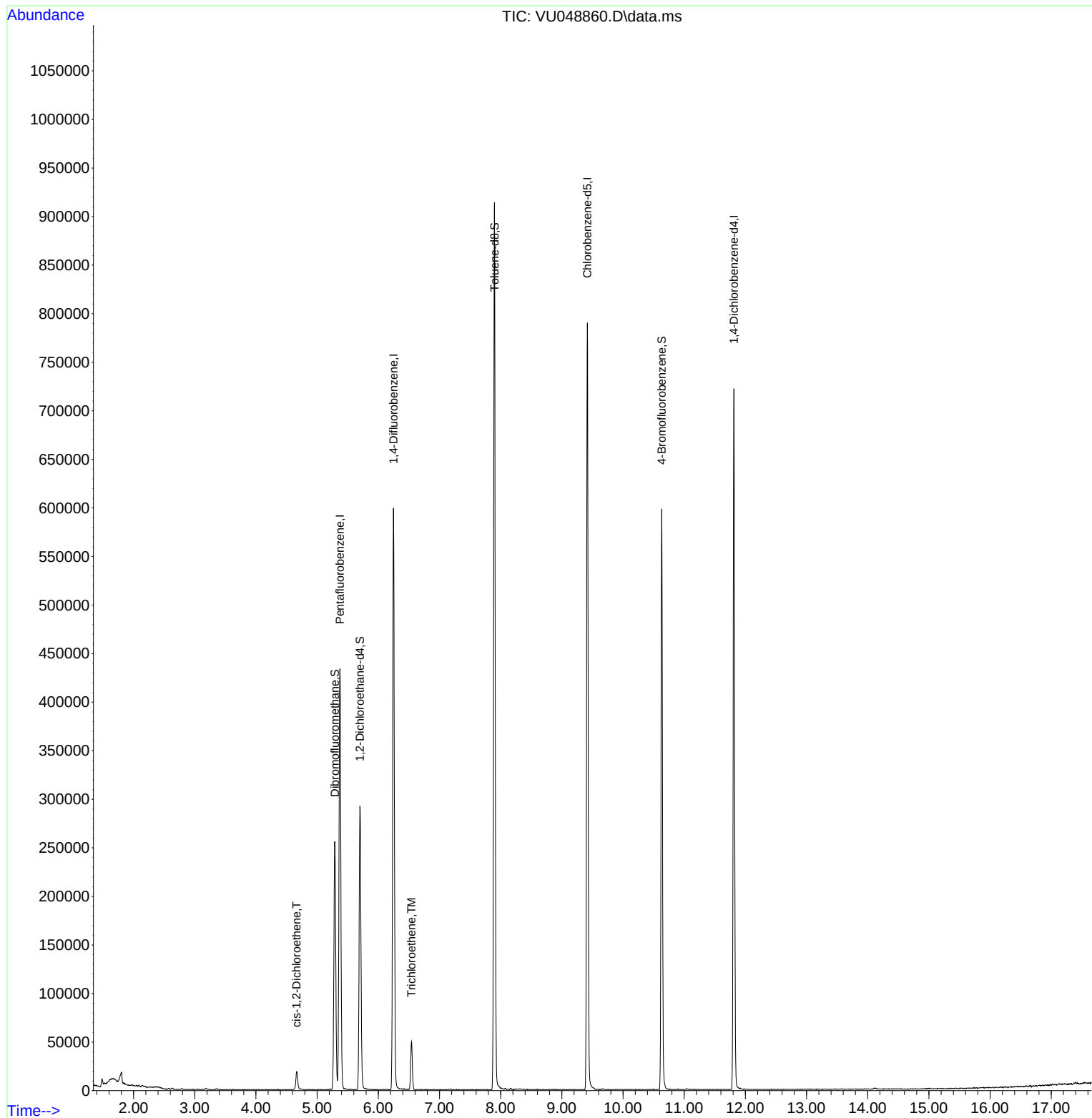
Internal Standards						
1) Pentafluorobenzene	5.372	168	293428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	481160	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	195695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	220011	49.926	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.860%
35) Dibromofluoromethane	5.288	113	165883	48.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	7.899	98	599731	48.739	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	10.632	95	201159	43.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.665	96	10001	2.529	ug/l	87
44) Trichloroethene	6.542	130	16461	4.320	ug/l	91

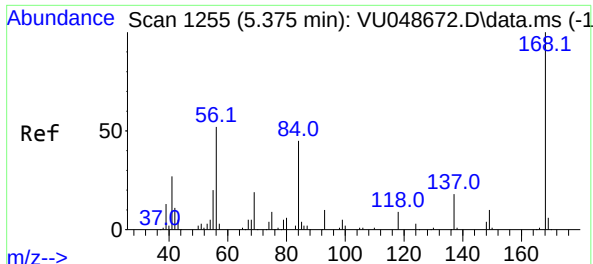
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048860.D

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ClientSampleId :

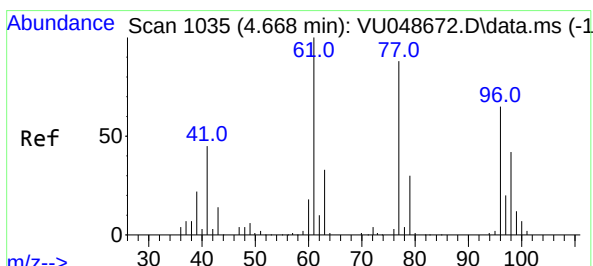
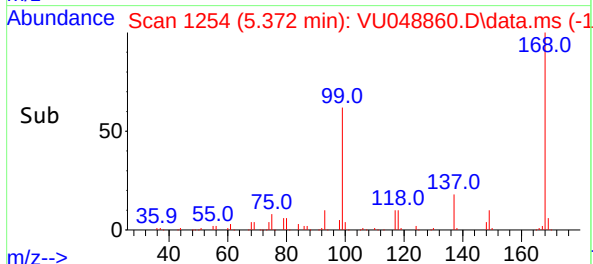
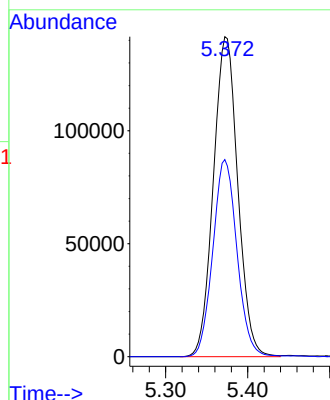
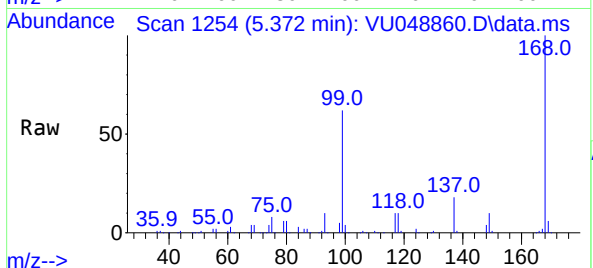
WEST-DITCH-IN-20220527

Tgt Ion:168 Resp: 293428

Ion Ratio Lower Upper

168 100

99 61.6 49.3 73.9



cis-1,2-Dichloroethene

Concen: 2.529 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048860.D

Acq: 03 Jun 2022 16:16

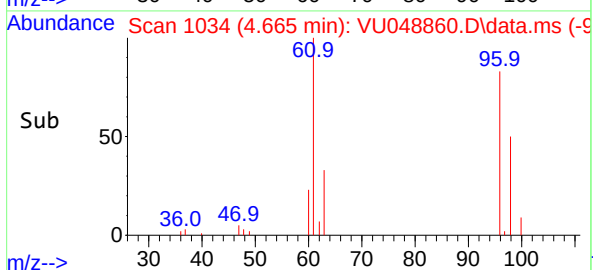
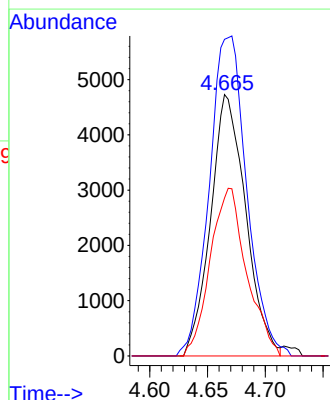
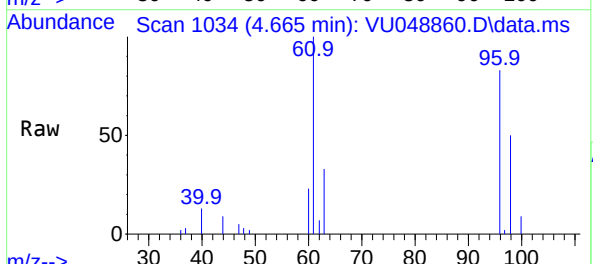
Tgt Ion: 96 Resp: 10001

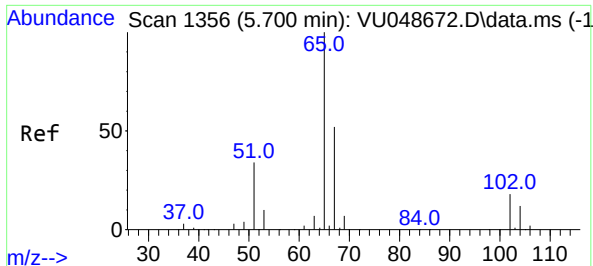
Ion Ratio Lower Upper

96 100

61 130.7 0.0 306.2

98 66.5 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 49.926 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048860.D

Acq: 03 Jun 2022 16:16

Instrument :

MSVOA_U

ClientSampleId :

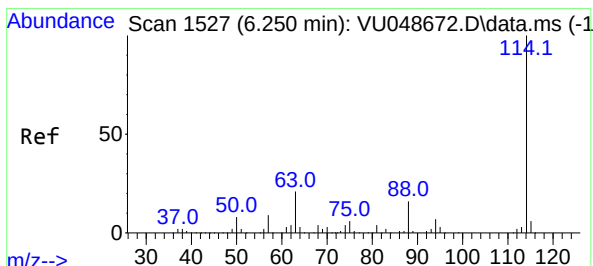
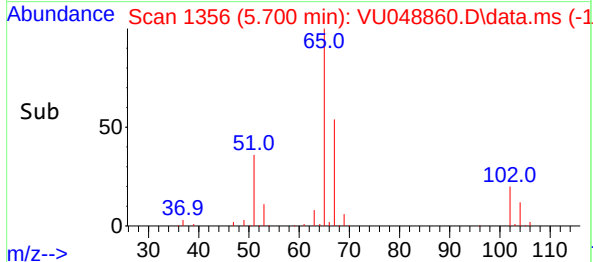
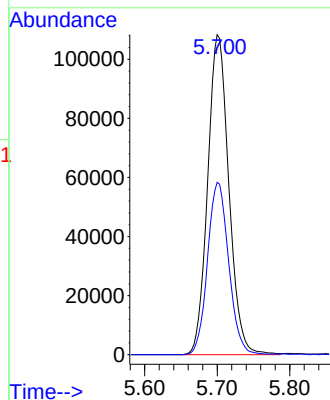
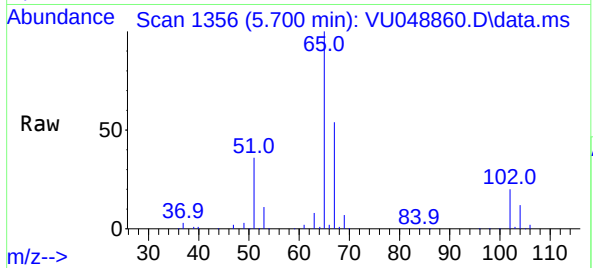
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Tgt Ion: 65 Resp: 220011

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048860.D

Acq: 03 Jun 2022 16:16

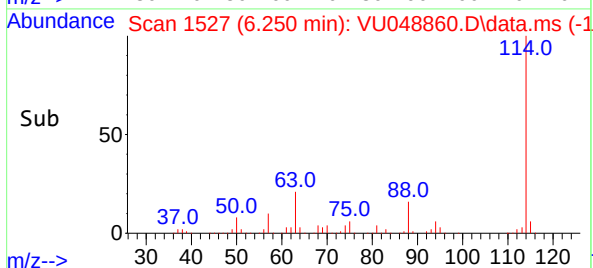
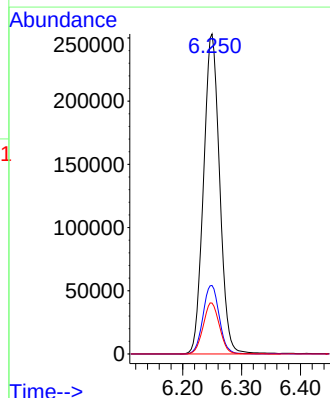
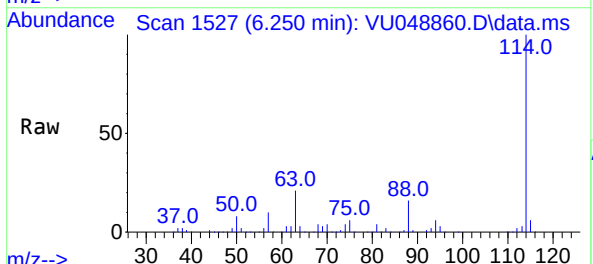
Tgt Ion: 114 Resp: 481160

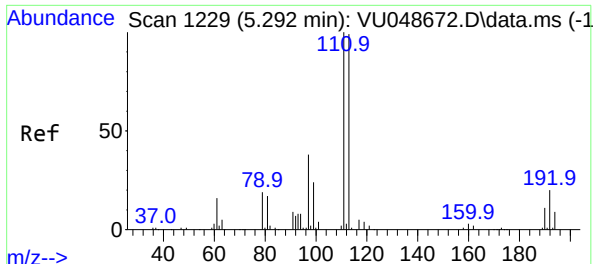
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.9 0.0 32.2

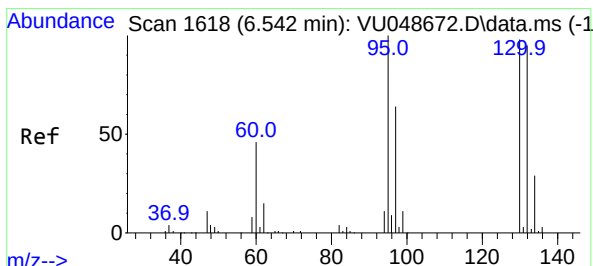
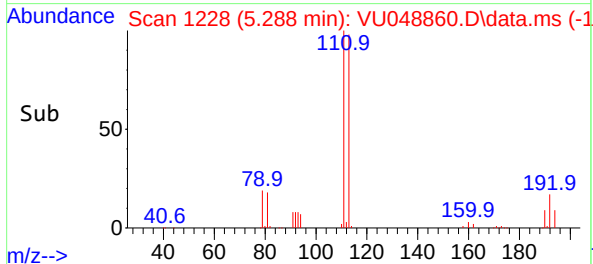
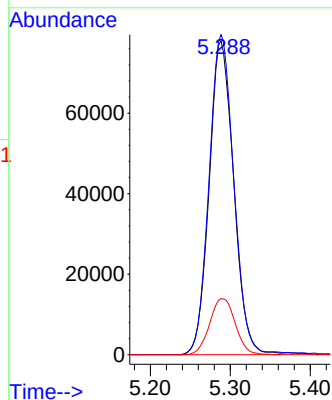
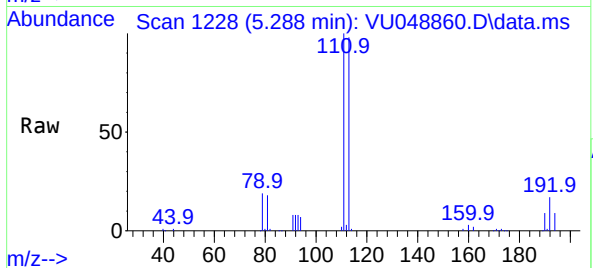




#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

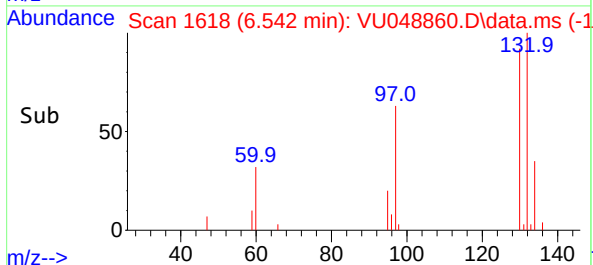
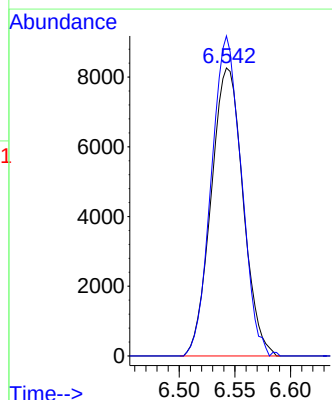
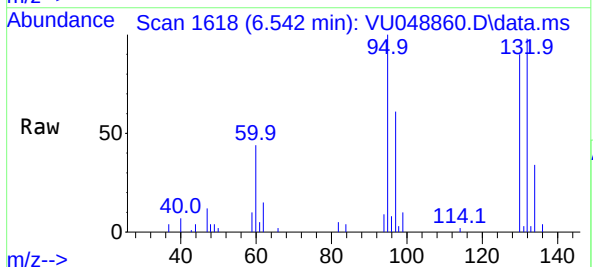
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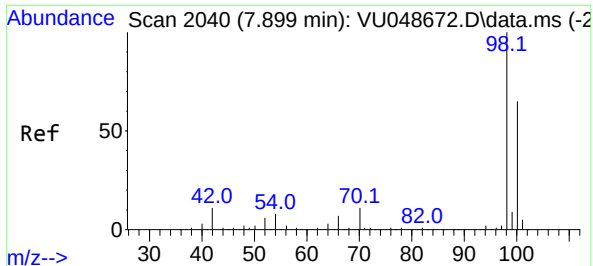
Tgt Ion:113 Resp: 165883
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 18.7 15.9 23.9



#44
Trichloroethene
Concen: 4.320 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

Tgt Ion:130 Resp: 16461
Ion Ratio Lower Upper
130 100
95 111.1 0.0 204.8

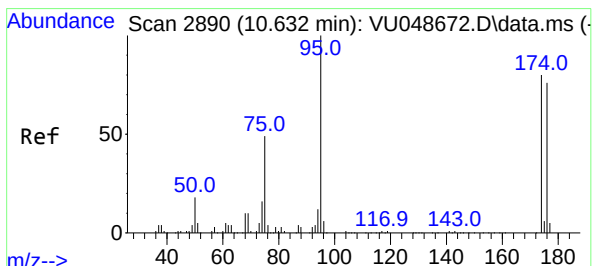
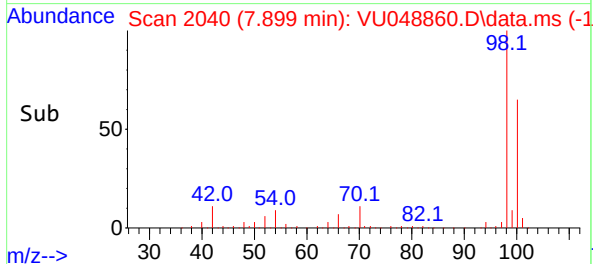
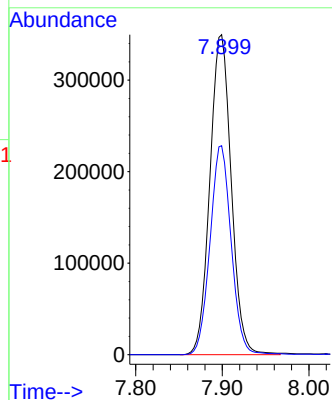
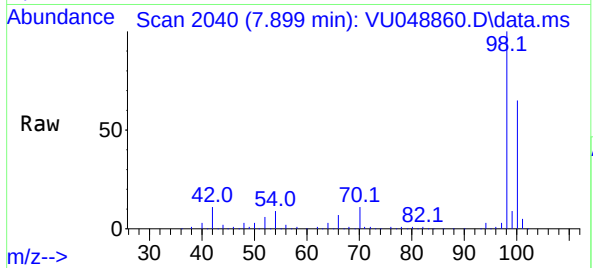




#50
Toluene-d8
Concen: 48.739 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

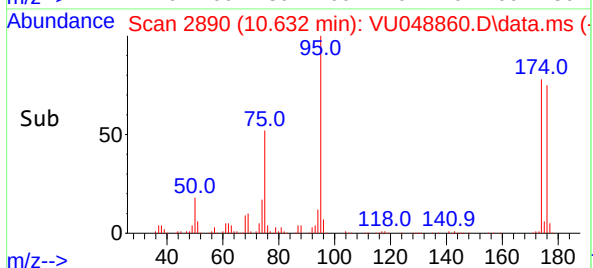
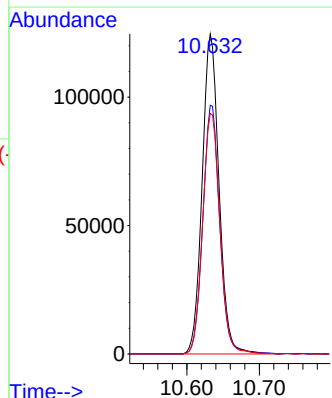
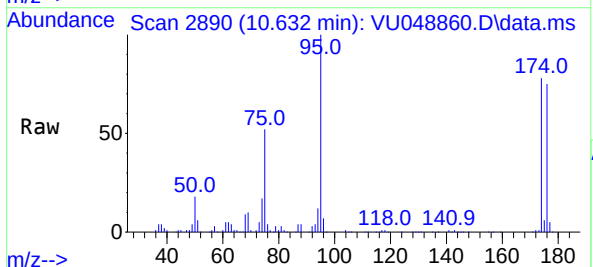
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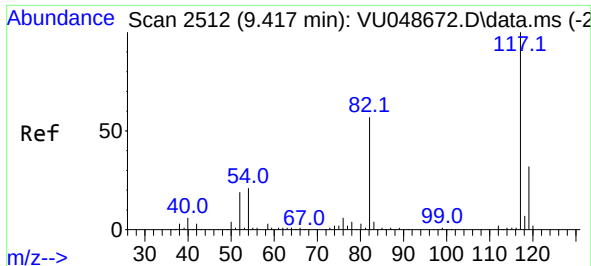
Tgt Ion: 98 Resp: 599731
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.226 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

Tgt Ion: 95 Resp: 201159
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.4
176 76.7 0.0 152.4

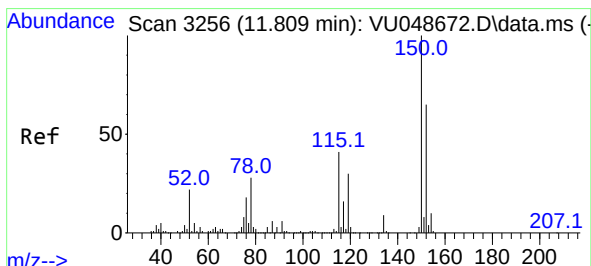
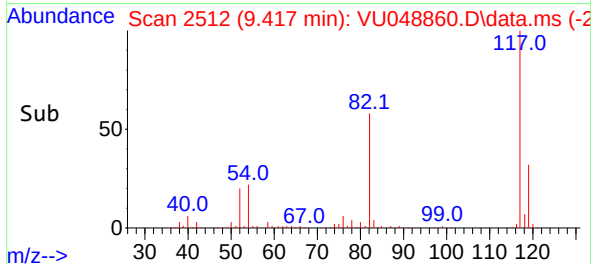
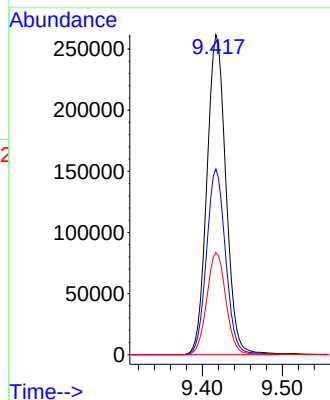
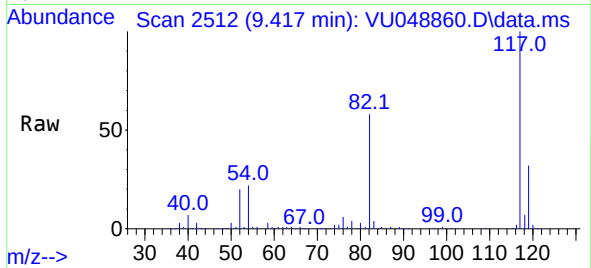




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

Tgt Ion:117 Resp: 433846
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048860.D
Acq: 03 Jun 2022 16:16

Tgt Ion:152 Resp: 195695
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 156.0 0.0 341.0

