

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049544.D
 Acq On : 30 Jun 2022 04:42
 Operator : SY/MD
 Sample : N3507-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TT150S1-20220624

Quant Time: Jun 30 09:13:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

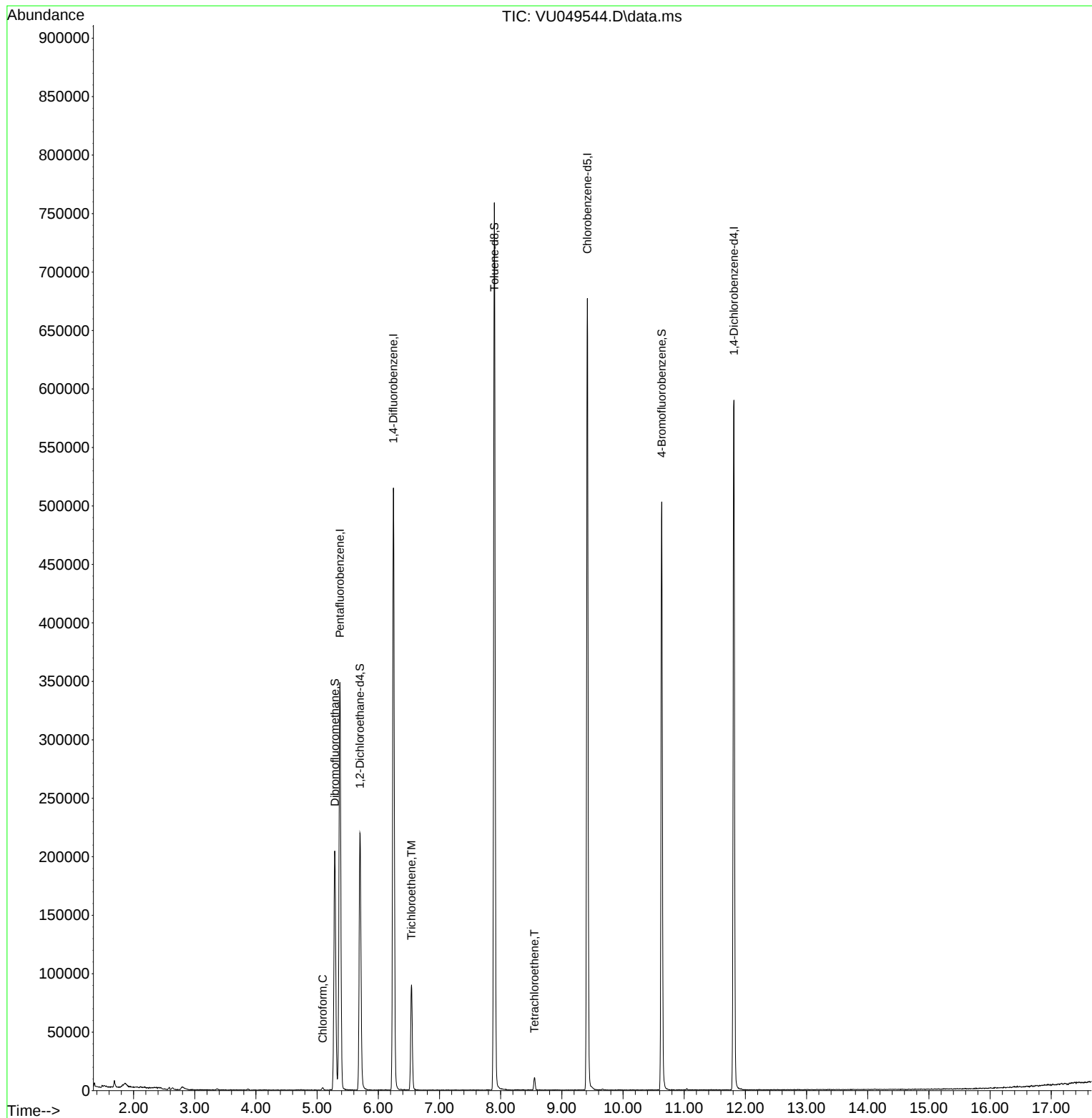
Internal Standards						
1) Pentafluorobenzene	5.372	168	237829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	415823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	158004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	168149	45.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.289	113	133731	45.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	7.896	98	501908	48.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	10.632	95	169206	42.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.140%
Target Compounds						
						Qvalue
30) Chloroform	5.092	83	1874	0.331	ug/l	95
44) Trichloroethene	6.543	130	31013	10.244	ug/l	86
64) Tetrachloroethene	8.552	164	2742	1.157	ug/l	91

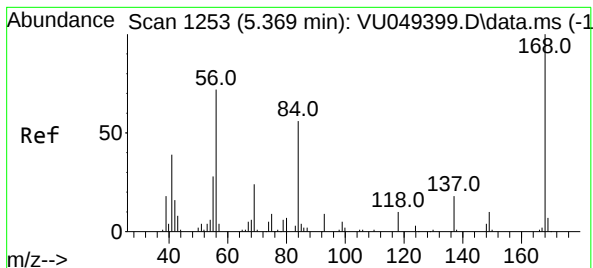
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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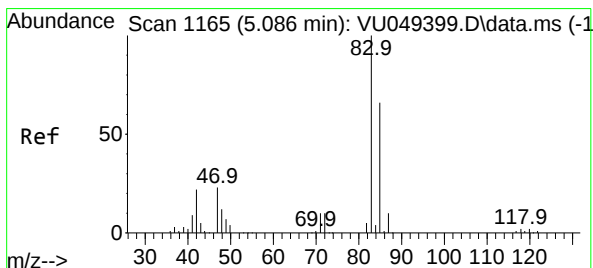
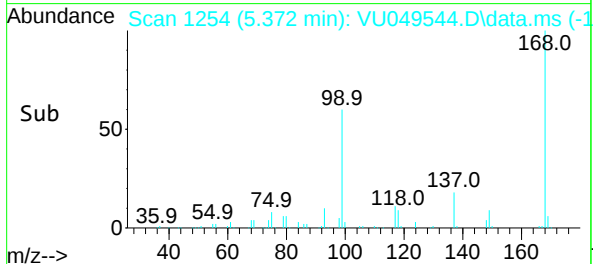
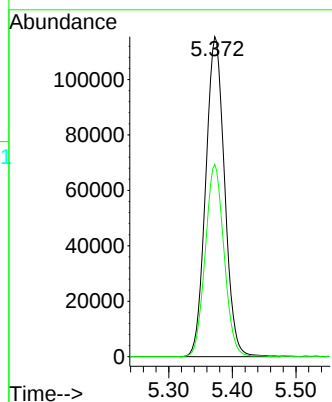
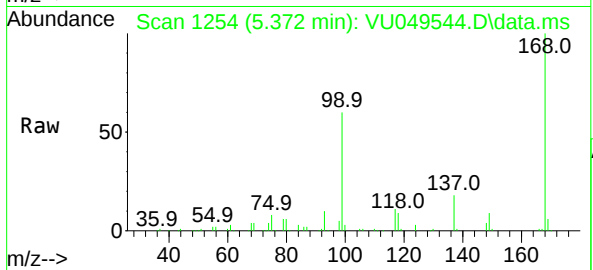




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

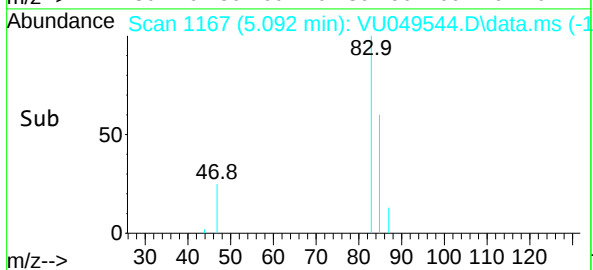
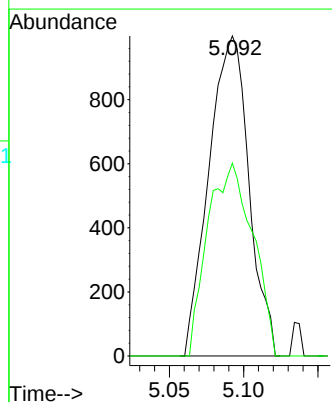
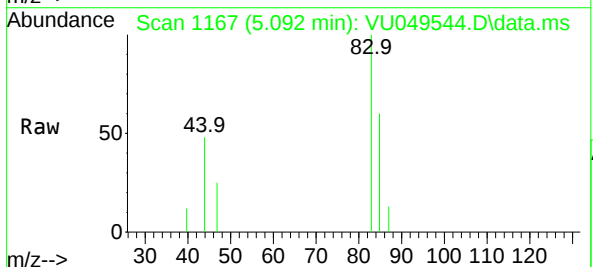
Instrument :
MSVOA_U
ClientSampleId :
TT150S1-20220624

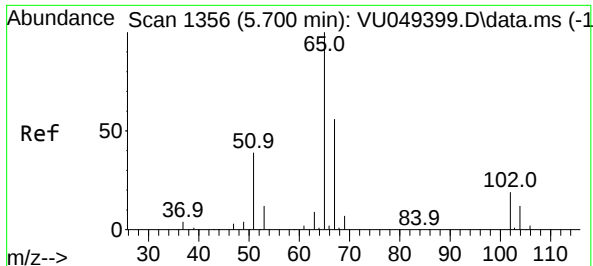
Tgt Ion:168 Resp: 237829
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#30
Chloroform
Concen: 0.331 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.007 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion: 83 Resp: 1874
Ion Ratio Lower Upper
83 100
85 60.3 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 45.908 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

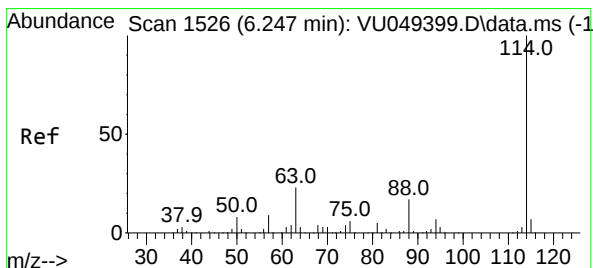
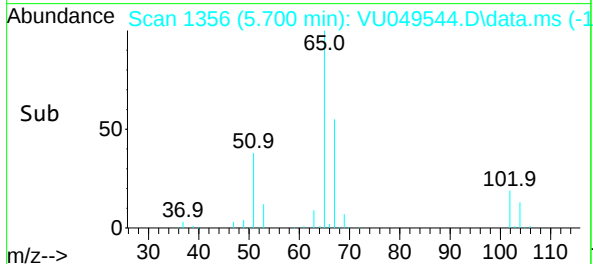
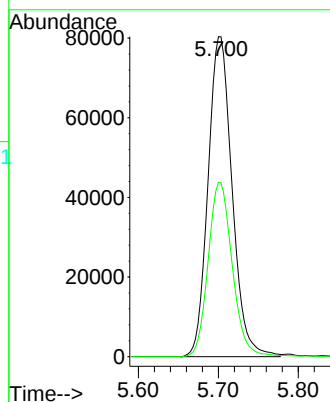
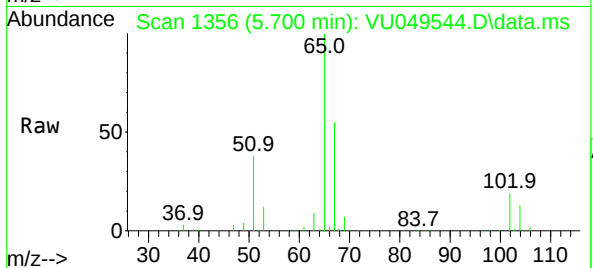
TT150S1-20220624

Tgt Ion: 65 Resp: 168149

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049544.D

Acq: 30 Jun 2022 04:42

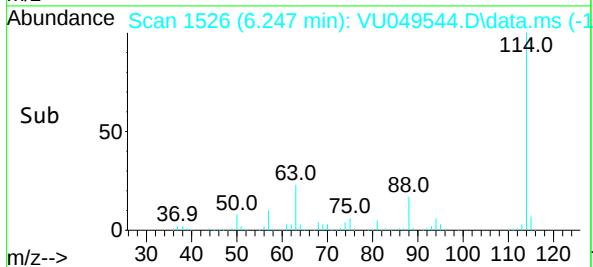
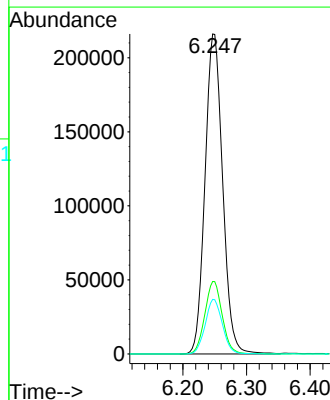
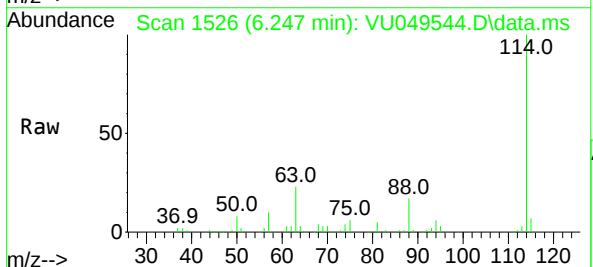
Tgt Ion: 114 Resp: 415823

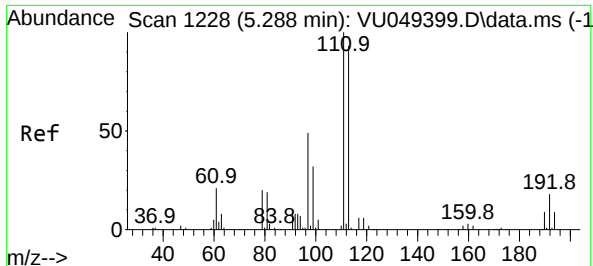
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 17.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.968 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049544.D

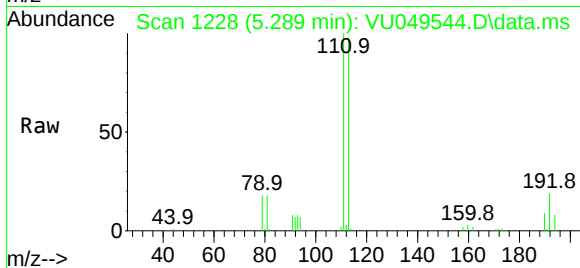
Acq: 30 Jun 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

TT150S1-20220624



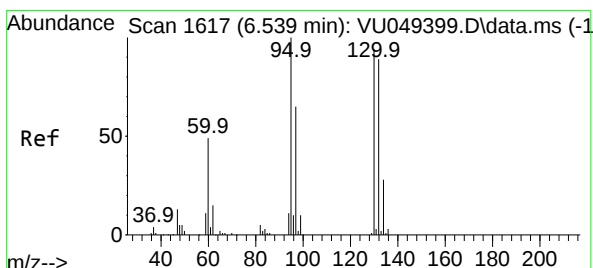
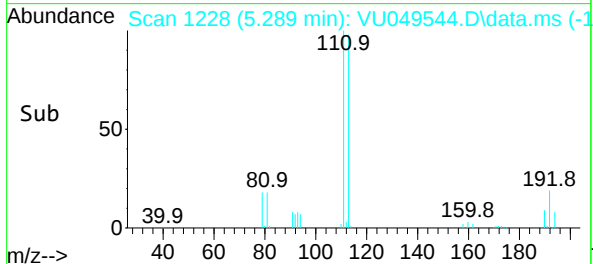
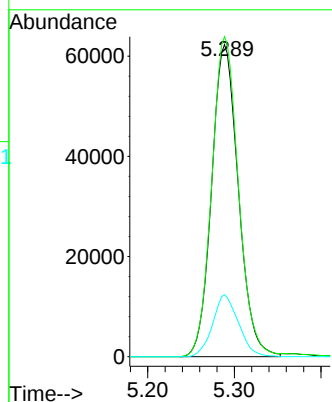
Tgt Ion:113 Resp: 133731

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 19.2 18.0 27.0



#44

Trichloroethene

Concen: 10.244 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049544.D

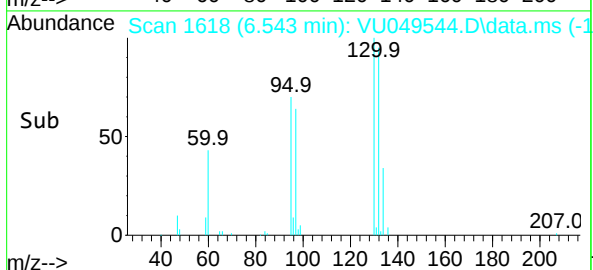
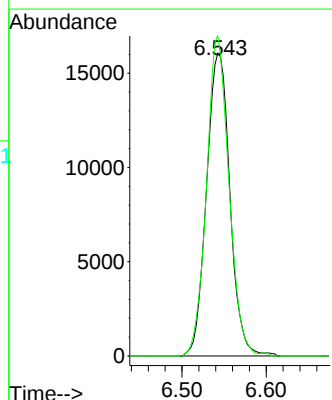
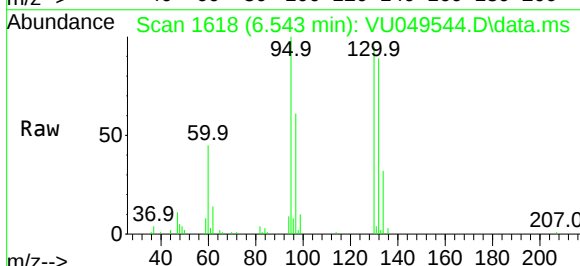
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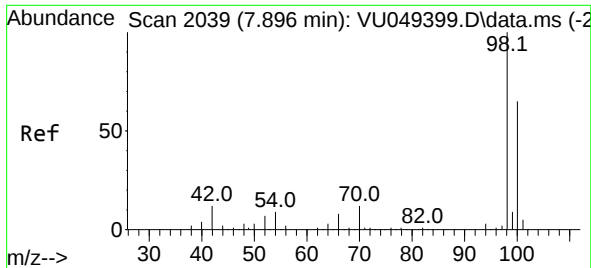
Tgt Ion:130 Resp: 31013

Ion Ratio Lower Upper

130 100

95 105.7 0.0 184.6

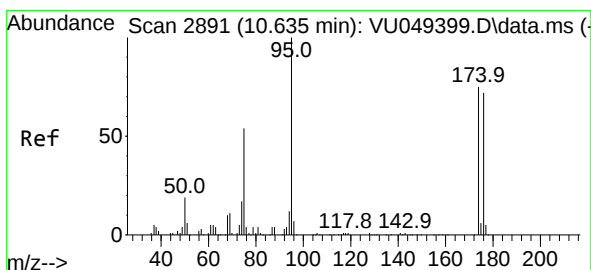
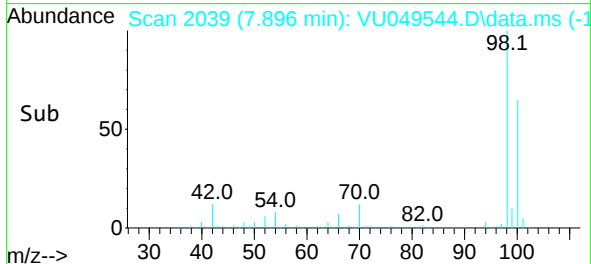
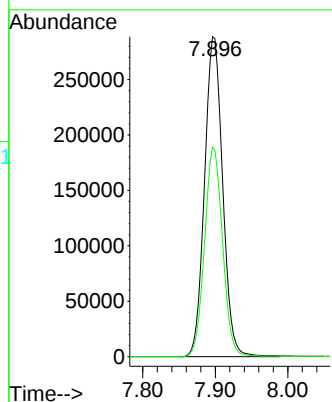
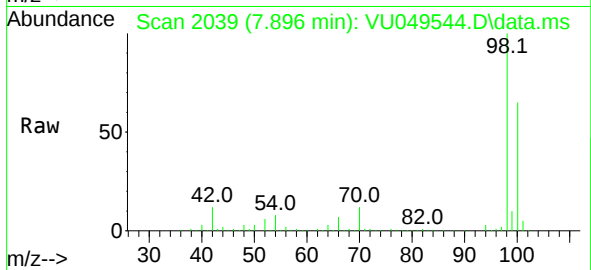




#50
Toluene-d8
Concen: 48.370 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

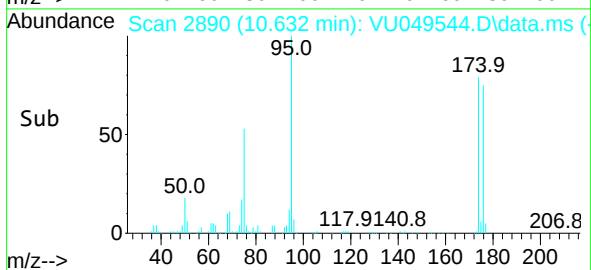
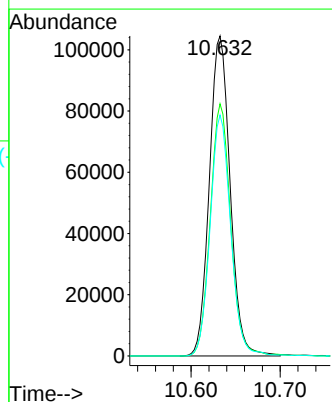
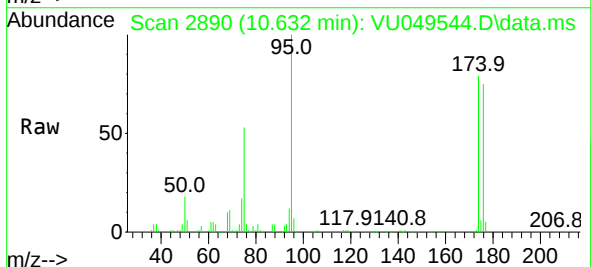
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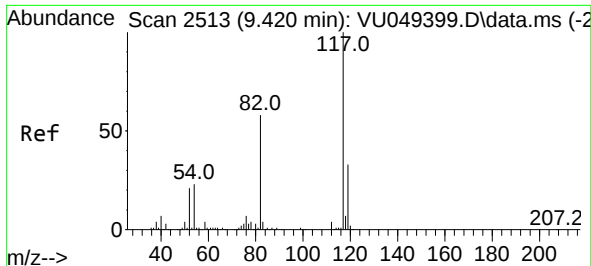
Tgt Ion: 98 Resp: 501908
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.569 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion: 95 Resp: 169206
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 74.5 0.0 177.8

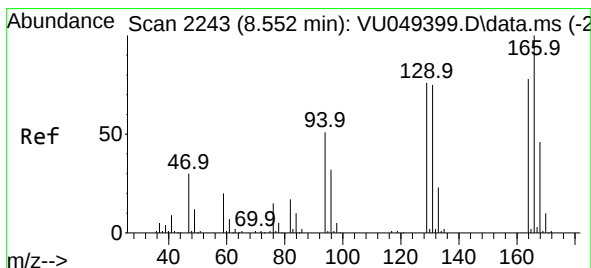
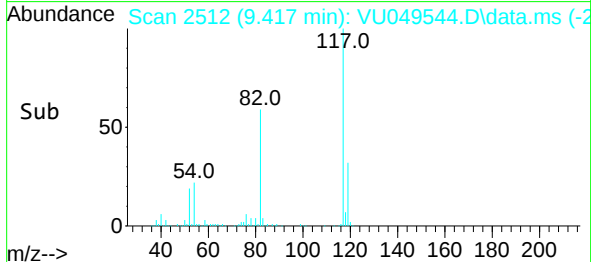
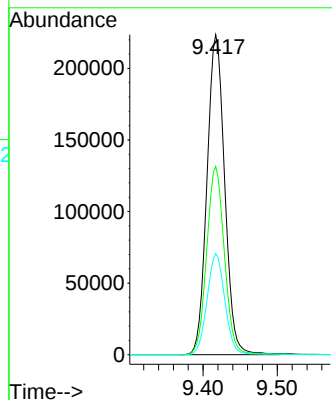
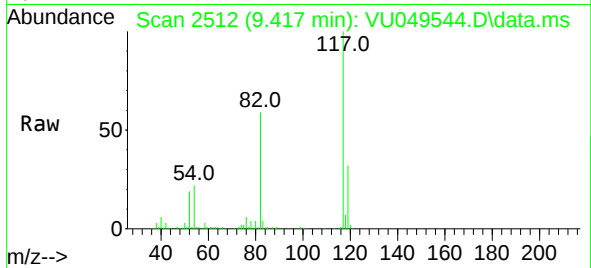




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

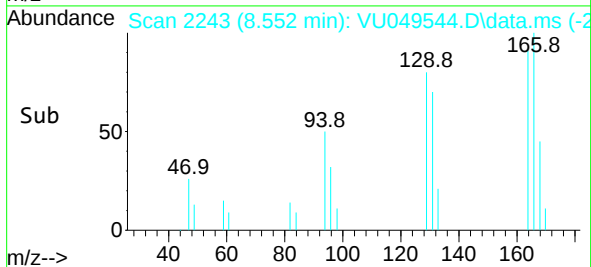
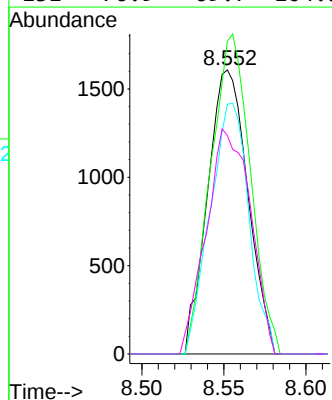
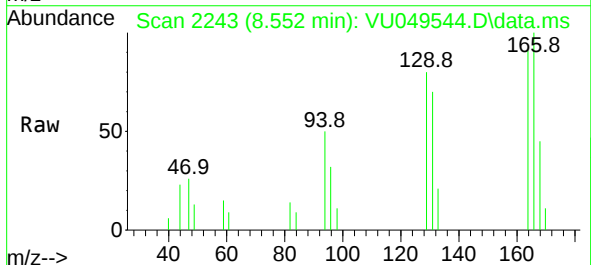
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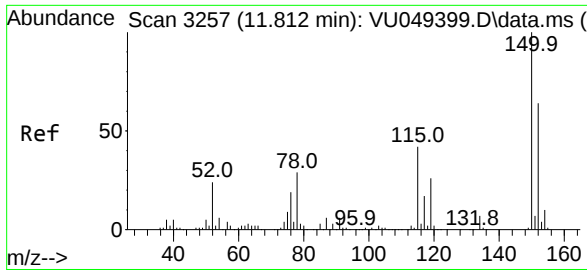
Tgt Ion:117 Resp: 369598
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 1.157 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049544.D
Acq: 30 Jun 2022 04:42

Tgt Ion:164 Resp: 2742
Ion Ratio Lower Upper
164 100
166 110.1 100.0 150.0
129 88.0 72.0 108.0
131 76.9 69.7 104.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049544.D

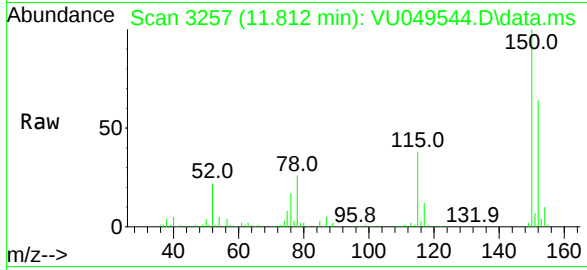
Acq: 30 Jun 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

TT150S1-20220624



Tgt Ion:152 Resp: 158004

Ion Ratio Lower Upper

152 100

115 60.4 37.0 110.9

150 156.6 0.0 342.2

