

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049557.D
 Acq On : 30 Jun 2022 12:35
 Operator : SY/MD
 Sample : N3457-05DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220617DL

Quant Time: Jul 01 05:24:32 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)

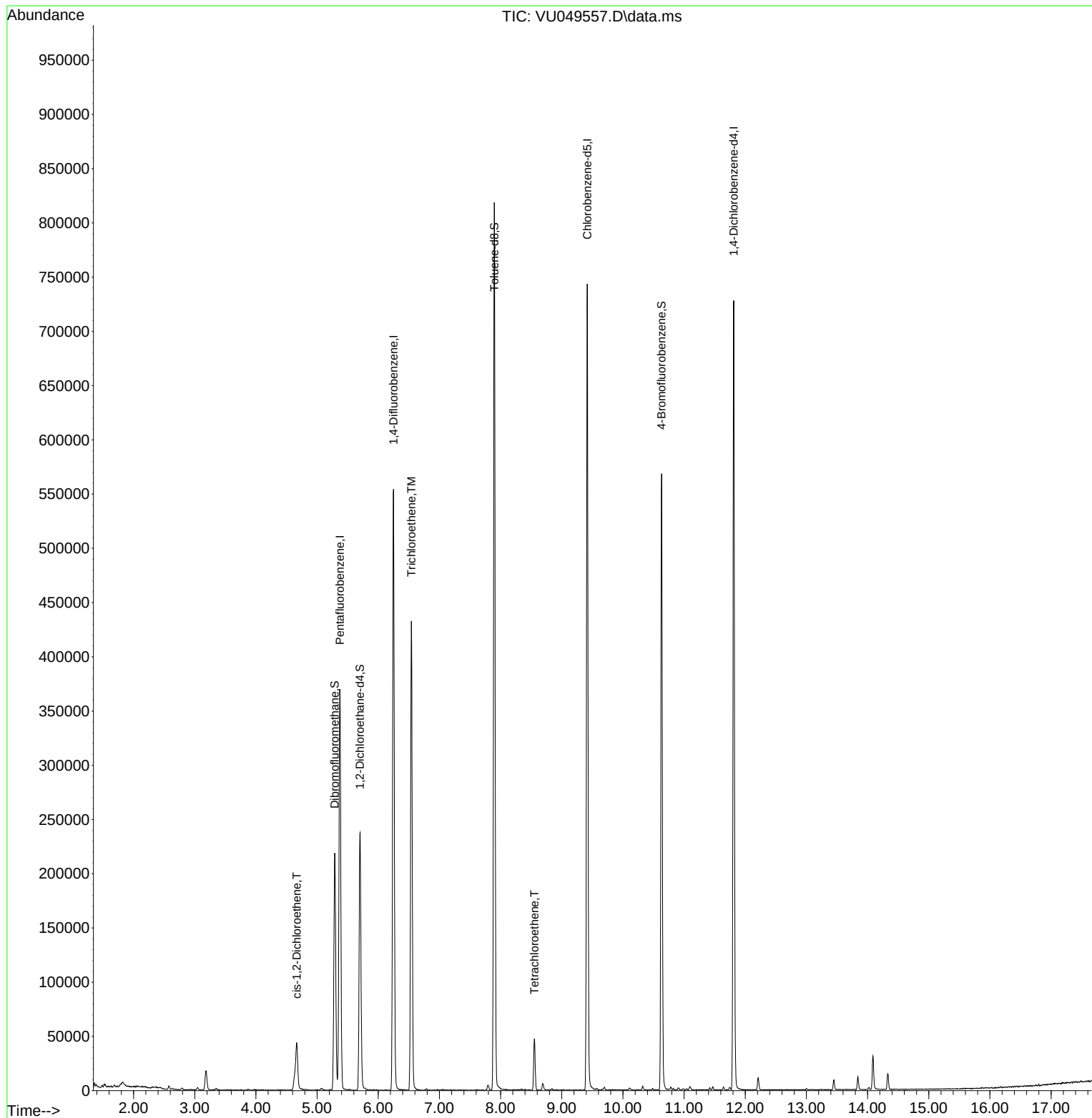
Internal Standards						
1) Pentafluorobenzene	5.372	168	257217	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	448492	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	410014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	190745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	177292	44.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.520%
35) Dibromofluoromethane	5.288	113	144337	46.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	7.899	98	543275	48.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	10.632	95	199396	46.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.668	96	20994	6.033	ug/l	99
44) Trichloroethene	6.542	130	144749	44.328	ug/l	85
64) Tetrachloroethene	8.552	164	10583	4.024	ug/l	91

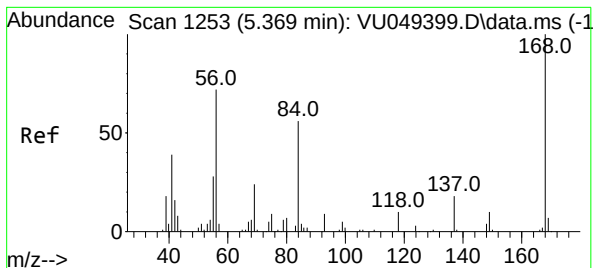
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.372 min Scan# 1

Delta R.T. 0.003 min

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ClientSampleId :

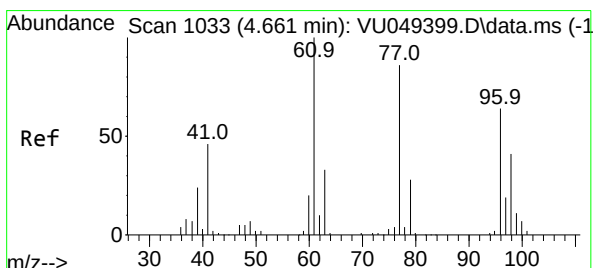
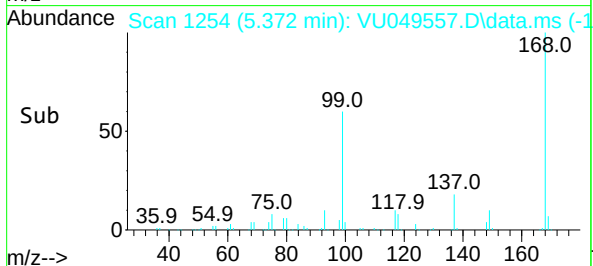
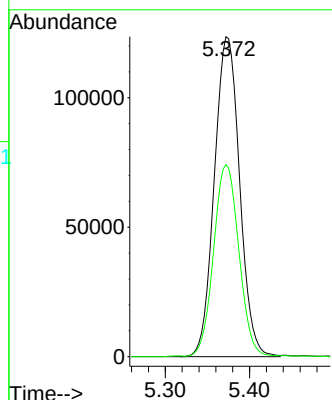
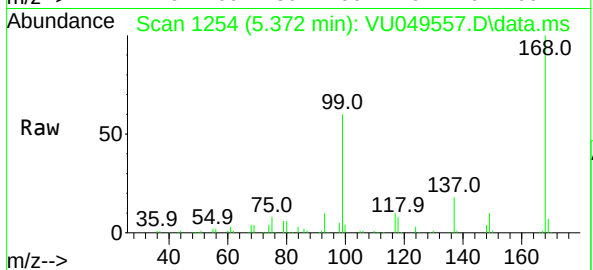
DUP02-20220617DL

Tgt Ion:168 Resp: 257217

Ion Ratio Lower Upper

168 100

99 59.8 39.3 58.9#



#27

cis-1,2-Dichloroethene

Concen: 6.033 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU049557.D

Acq: 30 Jun 2022 12:35

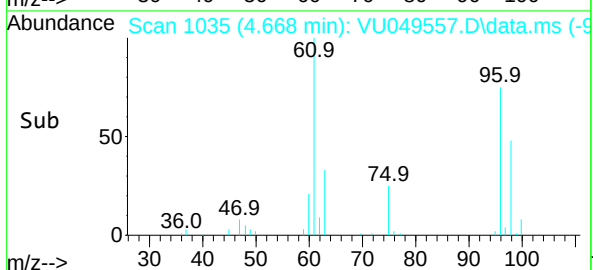
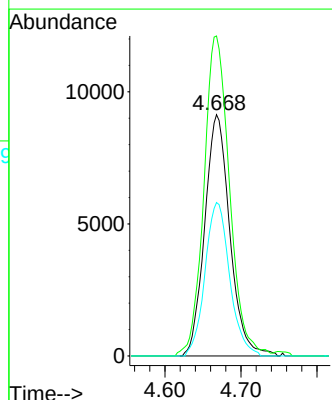
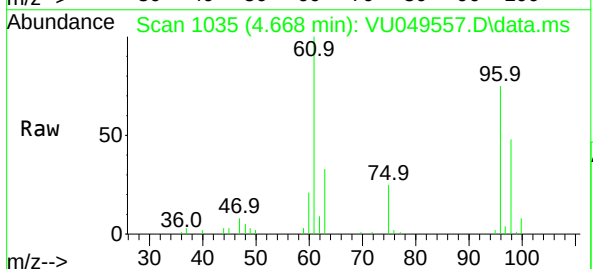
Tgt Ion: 96 Resp: 20994

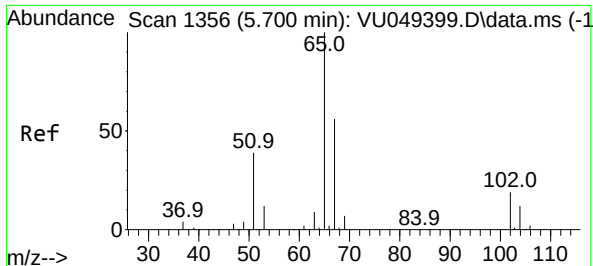
Ion Ratio Lower Upper

96 100

61 135.3 0.0 271.6

98 62.4 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 44.756 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049557.D

Acq: 30 Jun 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

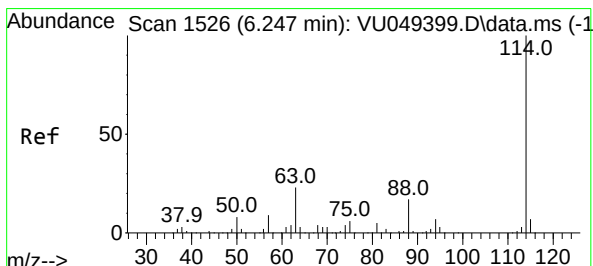
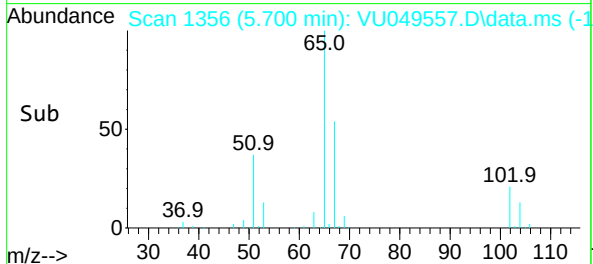
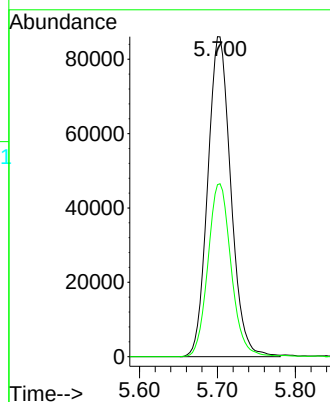
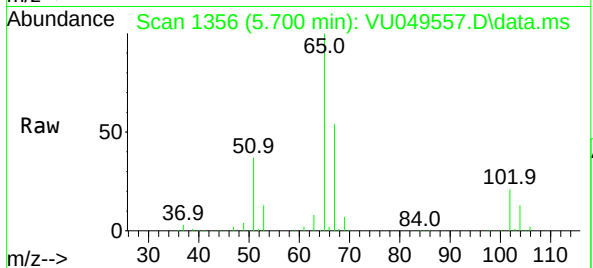
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Tgt Ion: 65 Resp: 177292

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049557.D

Acq: 30 Jun 2022 12:35

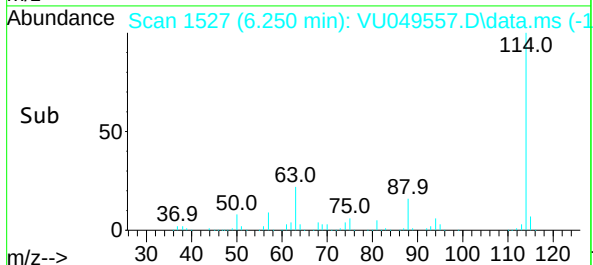
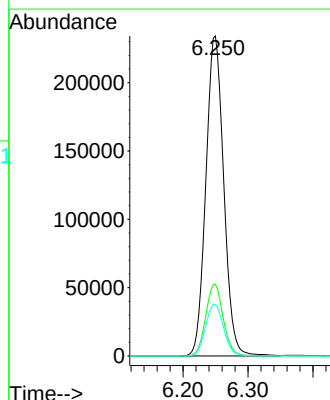
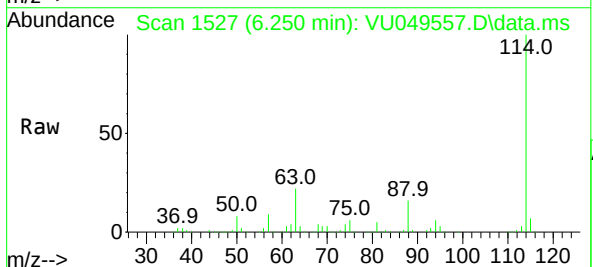
Tgt Ion: 114 Resp: 448492

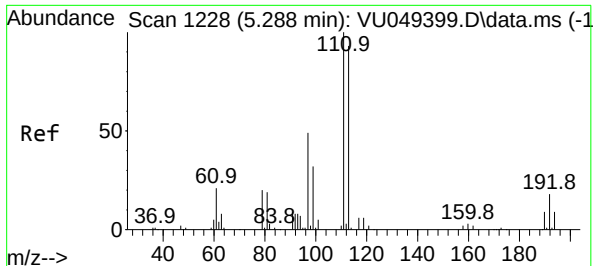
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 46.000 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049557.D

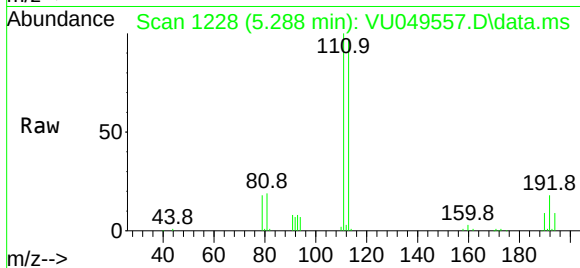
Acq: 30 Jun 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

DUP02-20220617DL



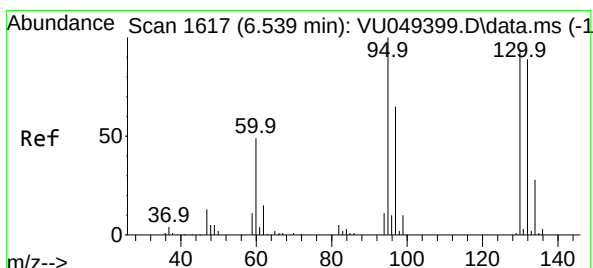
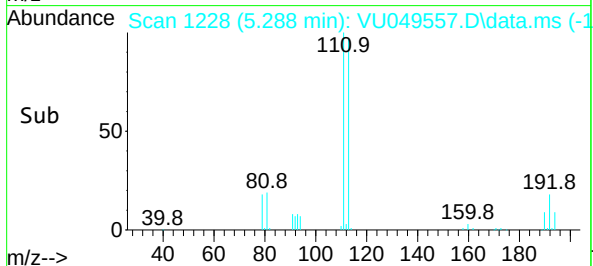
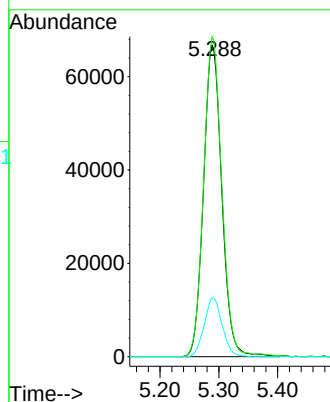
Tgt Ion:113 Resp: 144337

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 18.5 18.0 27.0



#44

Trichloroethene

Concen: 44.328 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049557.D

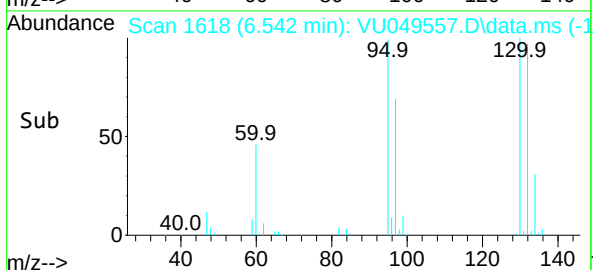
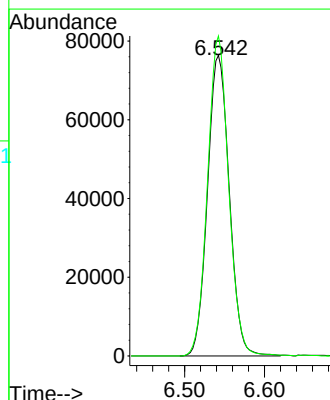
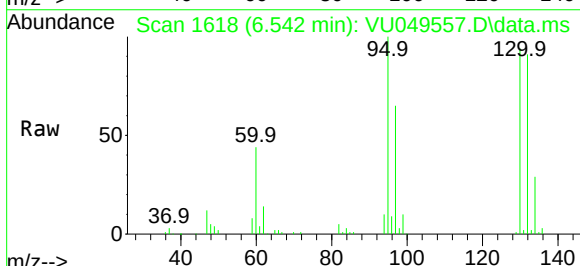
Acq: 30 Jun 2022 12:35

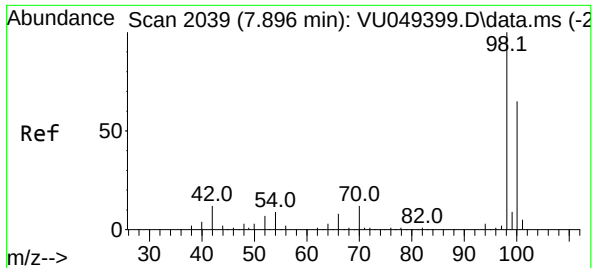
Tgt Ion:130 Resp: 144749

Ion Ratio Lower Upper

130 100

95 106.4 0.0 184.6

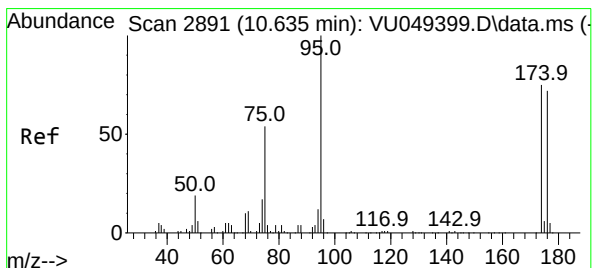
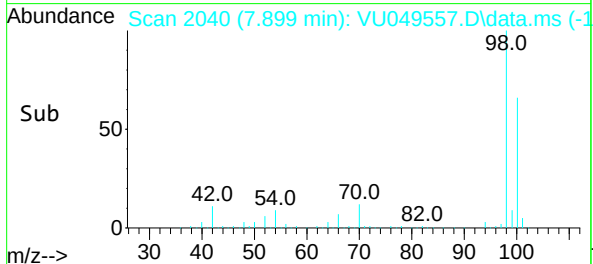
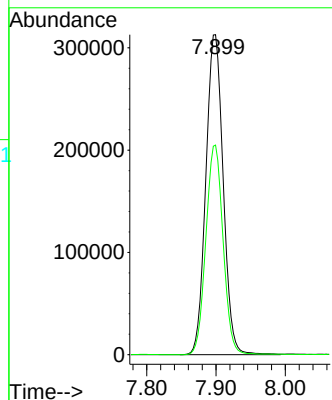
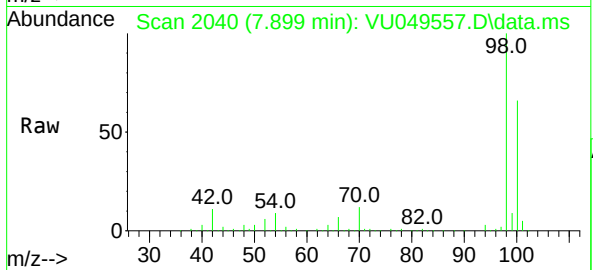




#50
Toluene-d8
Concen: 48.543 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049557.D
Acq: 30 Jun 2022 12:35

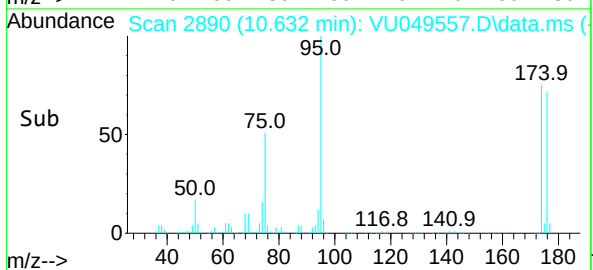
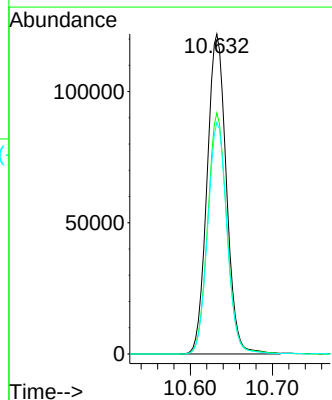
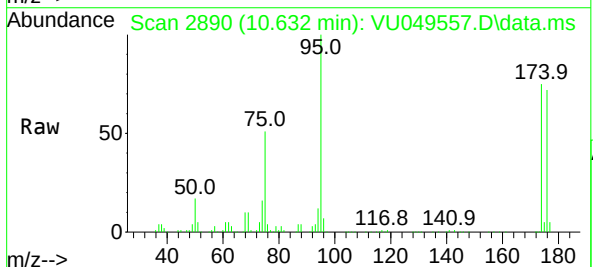
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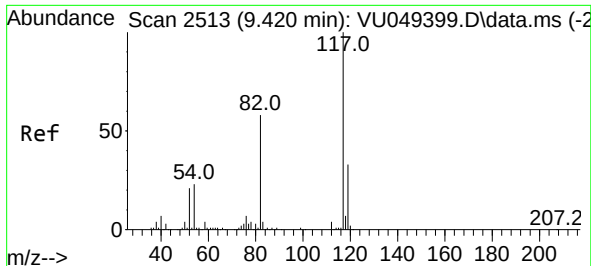
Tgt Ion: 98 Resp: 543275
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.510 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049557.D
Acq: 30 Jun 2022 12:35

Tgt Ion: 95 Resp: 199396
Ion Ratio Lower Upper
95 100
174 74.8 0.0 182.0
176 72.1 0.0 177.8

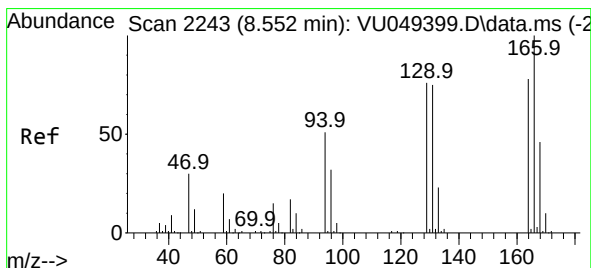
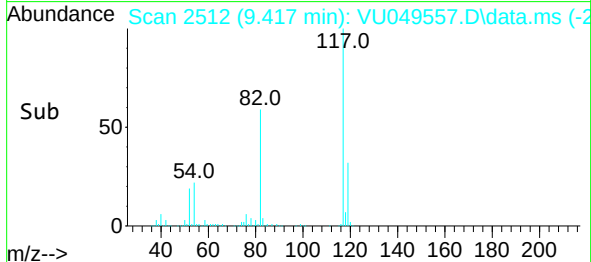
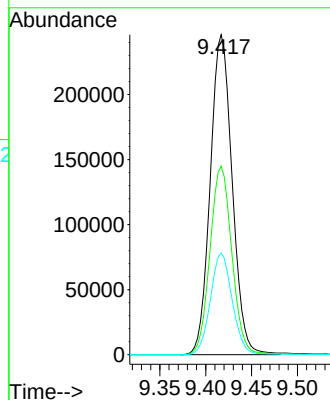
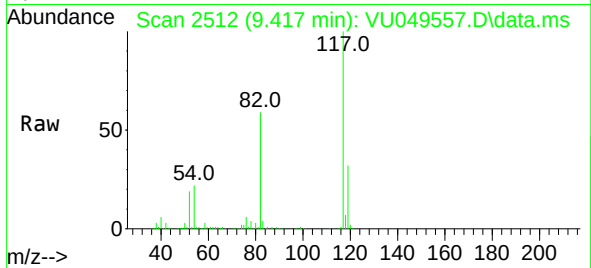




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049557.D
Acq: 30 Jun 2022 12:35

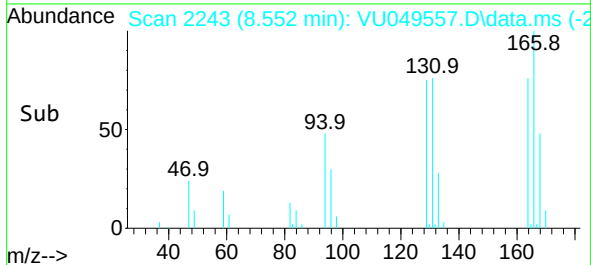
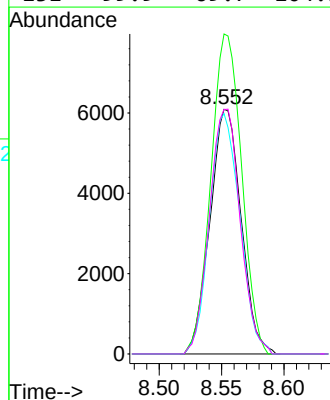
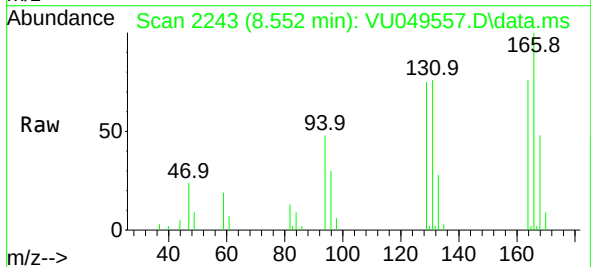
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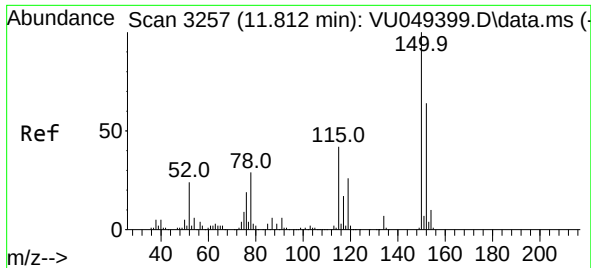
Tgt Ion:117 Resp: 410014
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 4.024 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049557.D
Acq: 30 Jun 2022 12:35

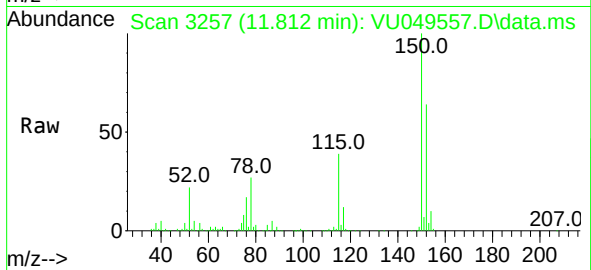
Tgt Ion:164 Resp: 10583
Ion Ratio Lower Upper
164 100
166 130.8 100.0 150.0
129 98.3 72.0 108.0
131 99.9 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049557.D
 Acq: 30 Jun 2022 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220617DL



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	37.0	110.9
150	156.0	0.0	342.2

