

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049576.D
 Acq On : 30 Jun 2022 20:17
 Operator : SY/MD
 Sample : N3458-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE120D2-20220622

Quant Time: Jul 01 05:27:45 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)

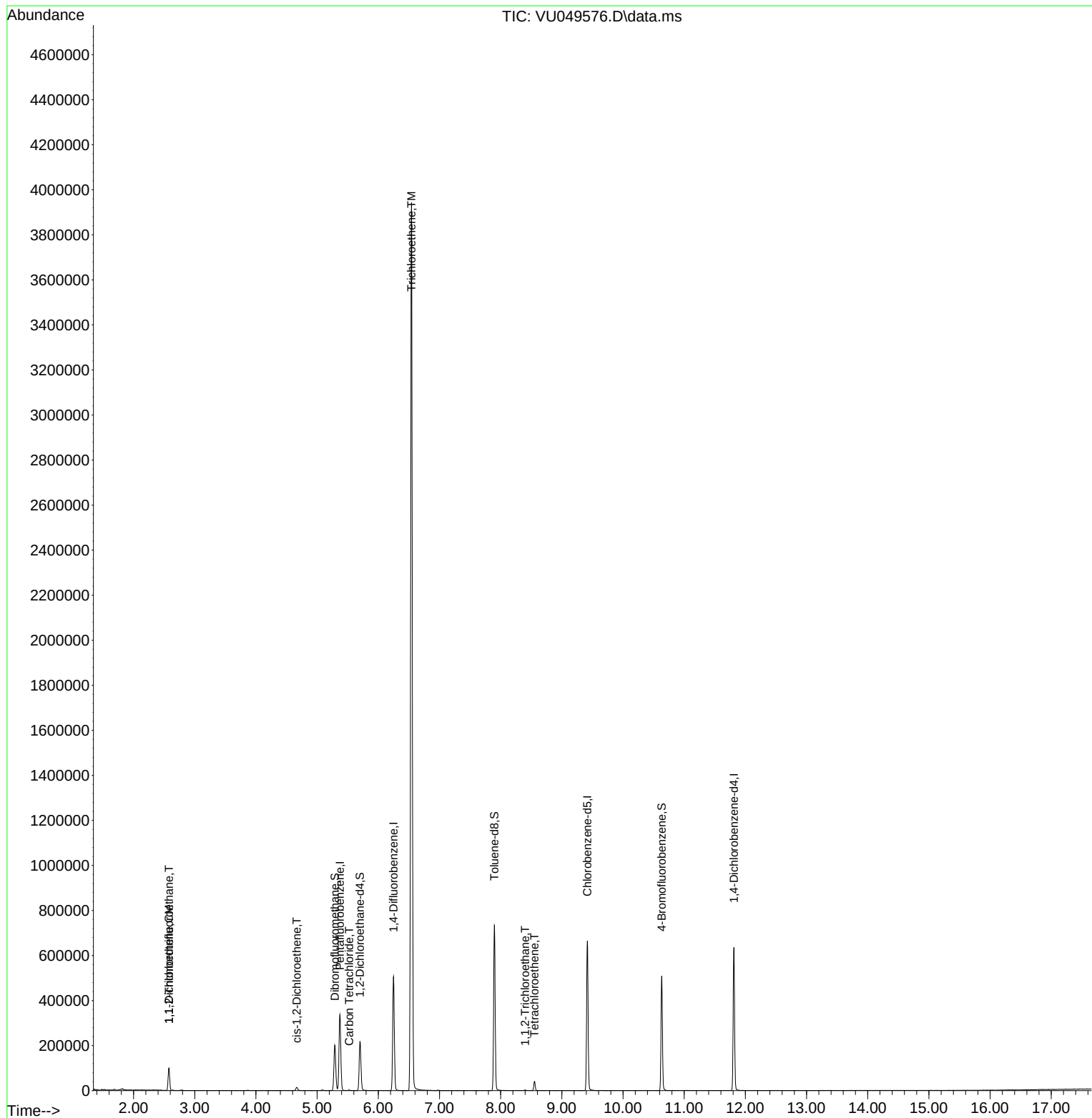
Internal Standards						
1) Pentafluorobenzene	5.372	168	228723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	403433	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	364333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	163312	46.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.288	113	129279	45.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.600%
50) Toluene-d8	7.896	98	485791	48.255	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	173374	44.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	34281	13.511	ug/l	93
12) 1,1-Dichloroethene	2.578	96	4865	1.958	ug/l	# 77
27) cis-1,2-Dichloroethene	4.668	96	7338	2.372	ug/l	97
38) Carbon Tetrachloride	5.523	117	1913	0.446	ug/l	# 89
44) Trichloroethene	6.542	130	1301890	443.221	ug/l	86
55) 1,1,2-Trichloroethane	8.401	97	959	0.316	ug/l	# 85
64) Tetrachloroethene	8.552	164	8965	3.836	ug/l	89

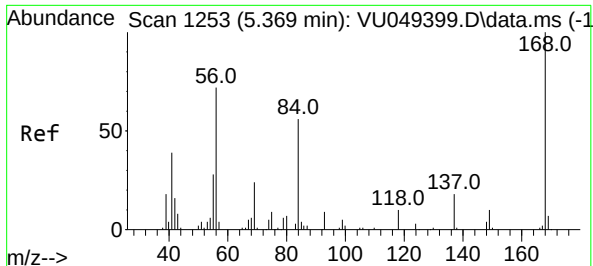
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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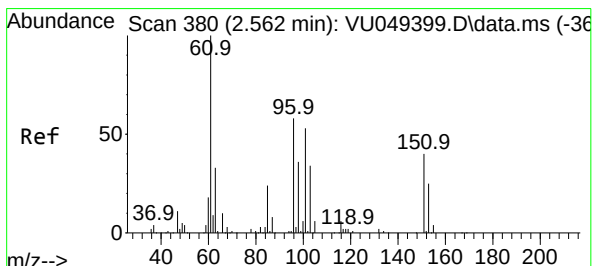
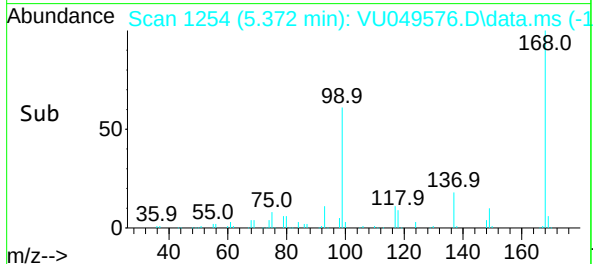
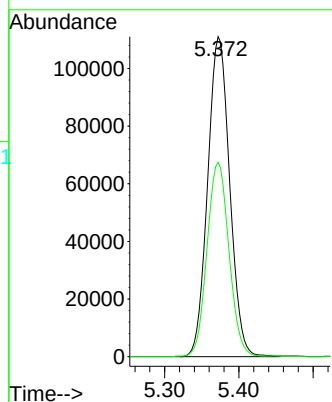
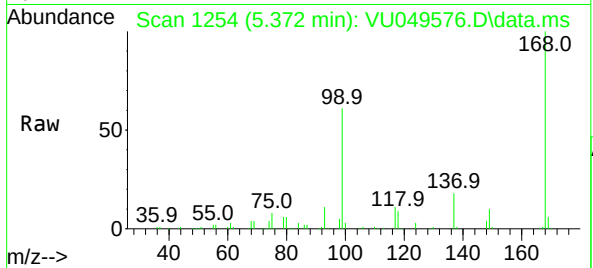




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

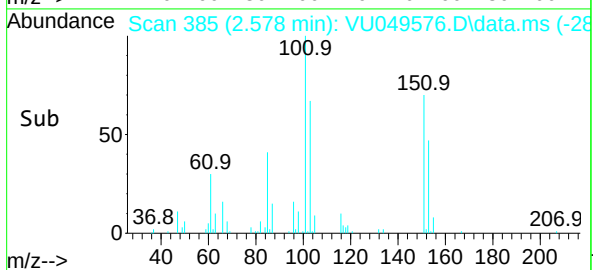
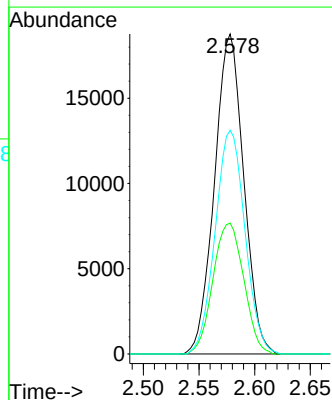
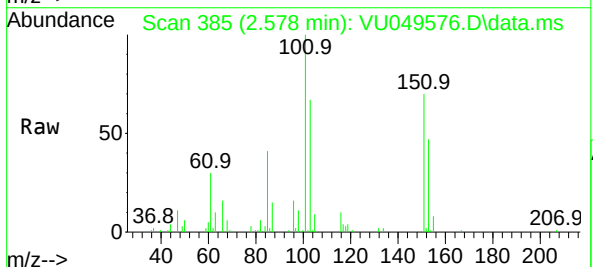
Instrument :
MSVOA_U
ClientSampleId :
RE120D2-20220622

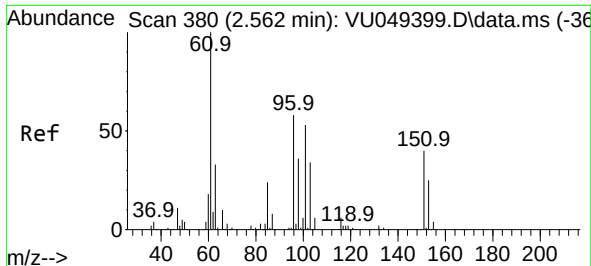
Tgt Ion:168 Resp: 228723
Ion Ratio Lower Upper
168 100
99 60.6 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.511 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

Tgt Ion:101 Resp: 34281
Ion Ratio Lower Upper
101 100
85 43.0 33.9 50.9
151 71.4 64.0 96.0





#12

1,1-Dichloroethene

Concen: 1.958 ug/l

RT: 2.578 min Scan# 380

Delta R.T. 0.016 min

Lab File: VU049576.D

Acq: 30 Jun 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

RE120D2-20220622

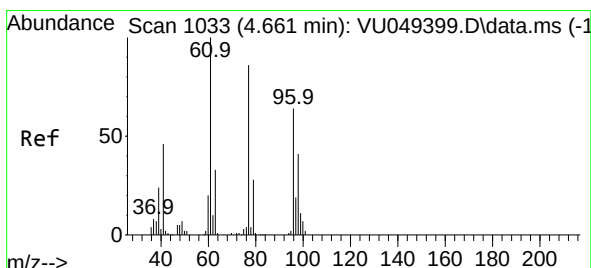
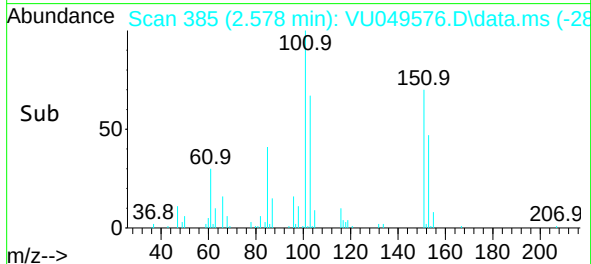
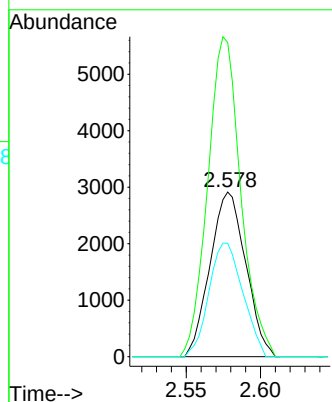
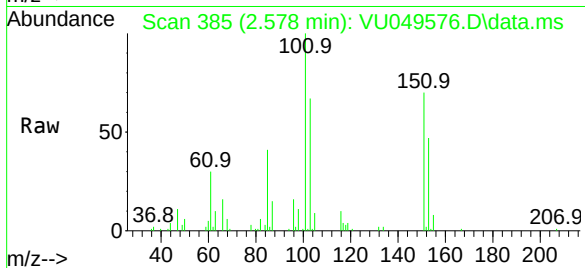
Tgt Ion: 96 Resp: 4865

Ion Ratio Lower Upper

96 100

61 190.7 122.2 183.2#

98 68.9 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 2.372 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU049576.D

Acq: 30 Jun 2022 20:17

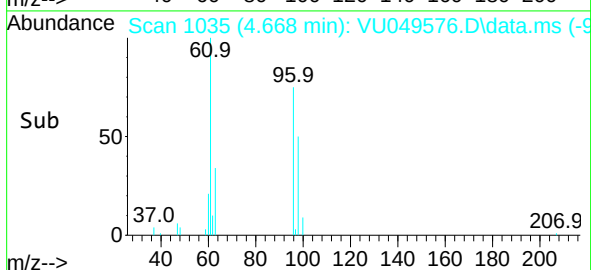
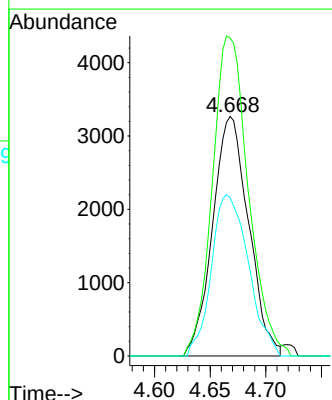
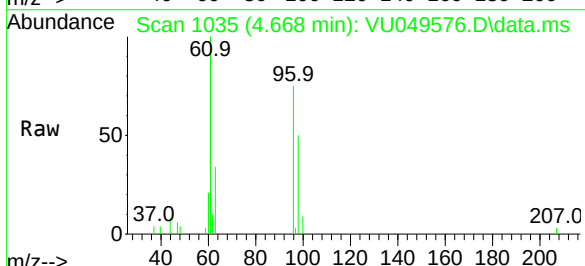
Tgt Ion: 96 Resp: 7338

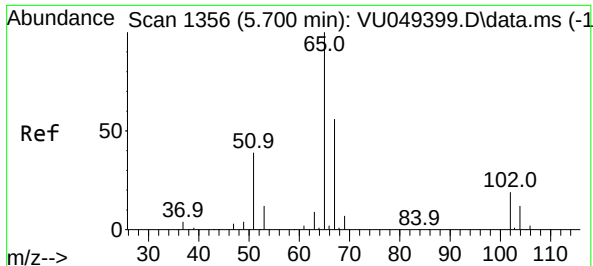
Ion Ratio Lower Upper

96 100

61 133.5 0.0 271.6

98 69.3 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 46.363 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049576.D

Acq: 30 Jun 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

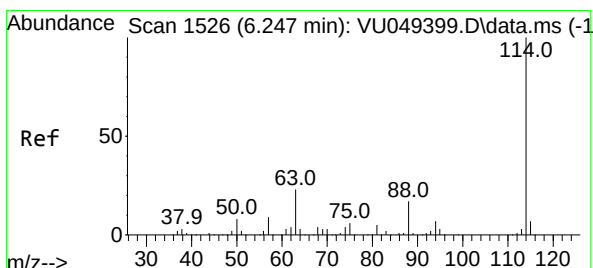
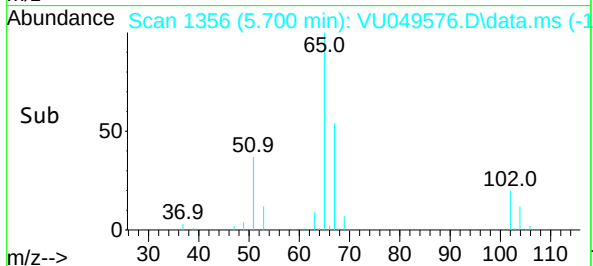
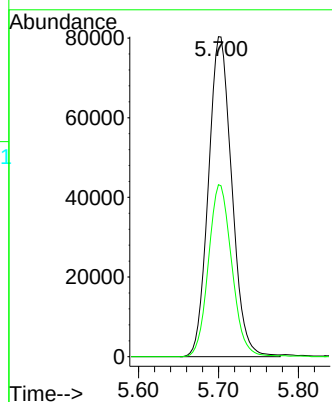
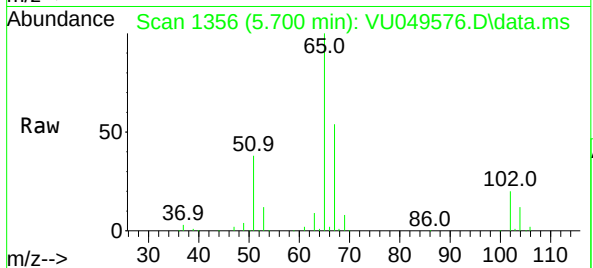
RE120D2-20220622

Tgt Ion: 65 Resp: 163312

Ion Ratio Lower Upper

65 100

67 53.6 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: VU049576.D

Acq: 30 Jun 2022 20:17

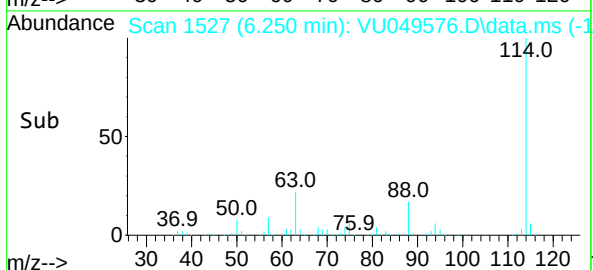
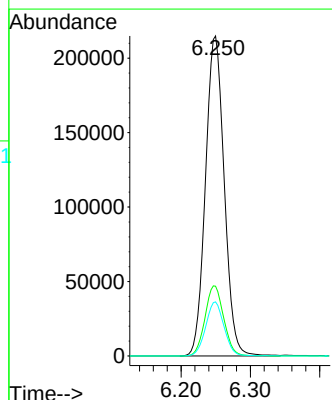
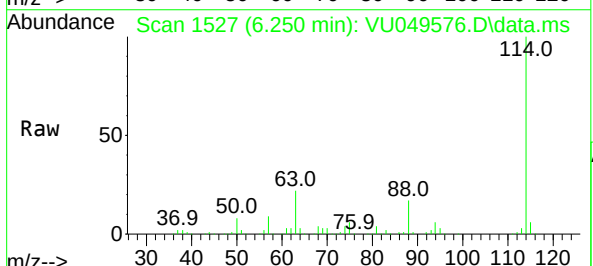
Tgt Ion: 114 Resp: 403433

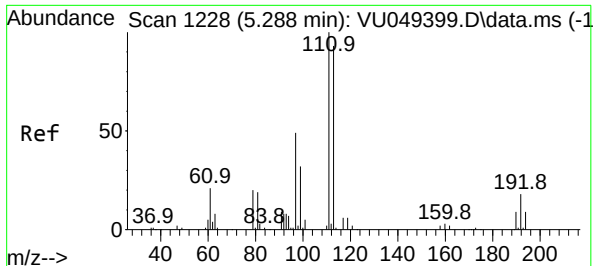
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.803 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049576.D

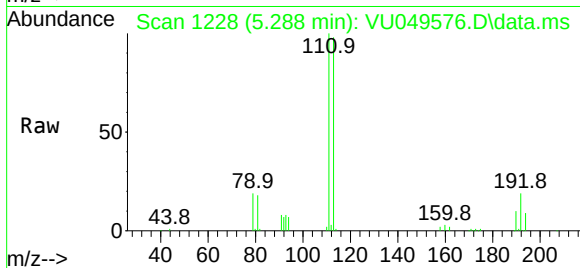
Acq: 30 Jun 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

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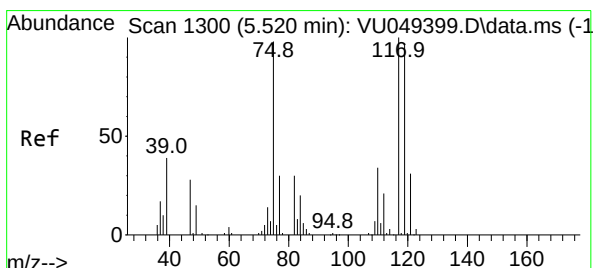
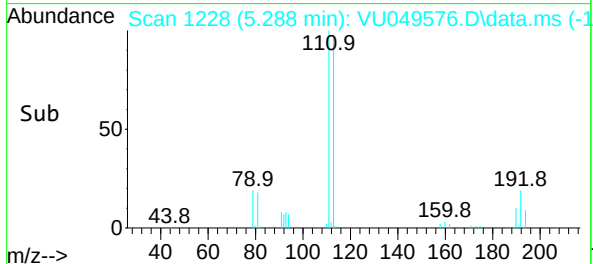
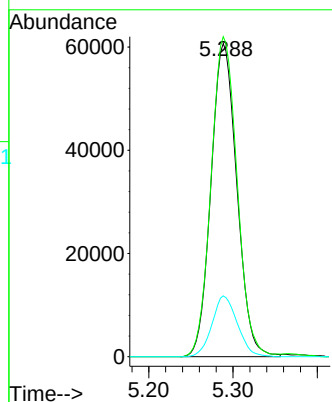
Tgt Ion:113 Resp: 129279

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 19.0 18.0 27.0



#38

Carbon Tetrachloride

Concen: 0.446 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049576.D

Acq: 30 Jun 2022 20:17

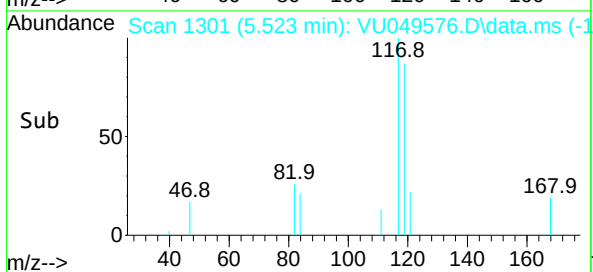
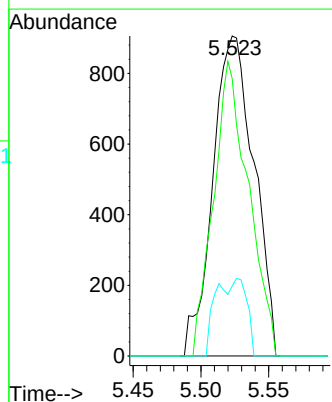
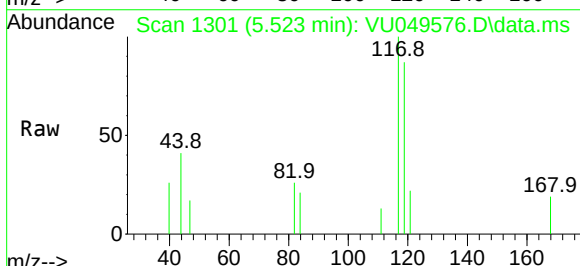
Tgt Ion:117 Resp: 1913

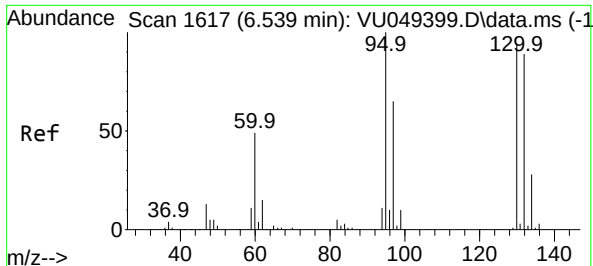
Ion Ratio Lower Upper

117 100

119 86.6 76.8 115.2

121 21.9 24.7 37.1#

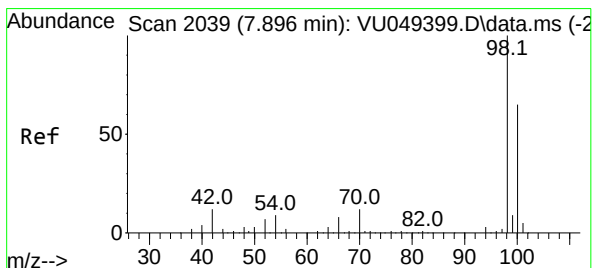
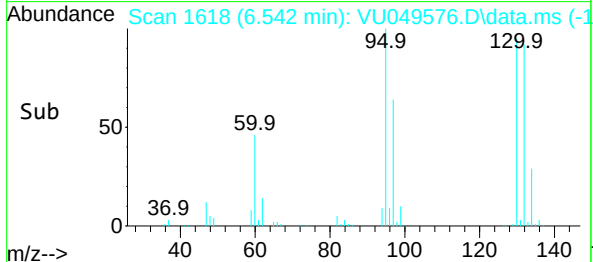
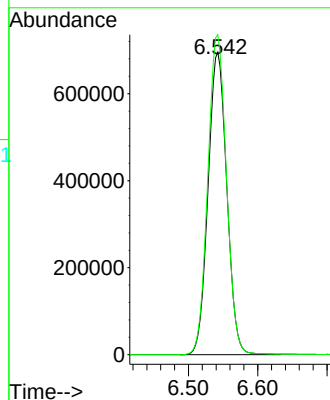
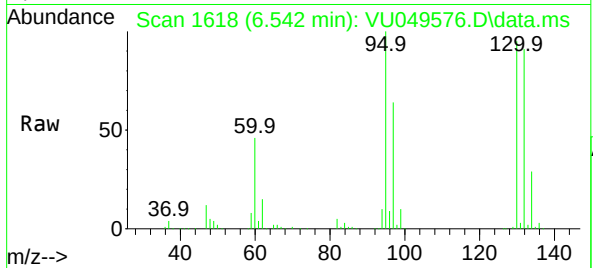




#44
Trichloroethene
Concen: 443.221 ug/l
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

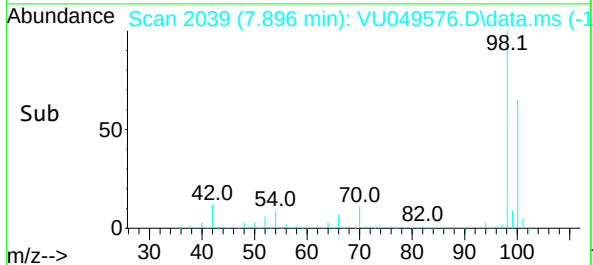
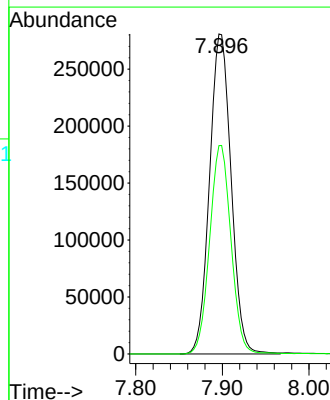
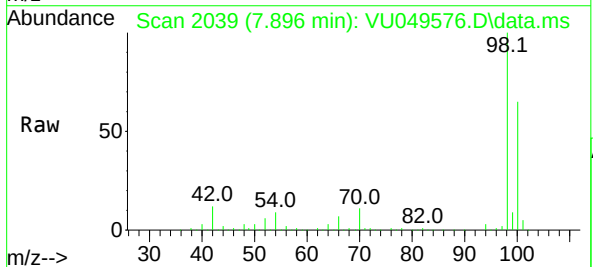
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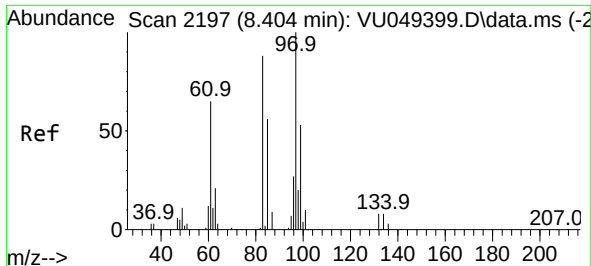
Tgt Ion:130 Resp: 1301890
Ion Ratio Lower Upper
130 100
95 105.8 0.0 184.6



#50
Toluene-d8
Concen: 48.255 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

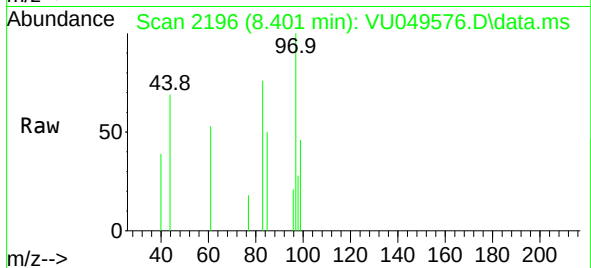
Tgt Ion: 98 Resp: 485791
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



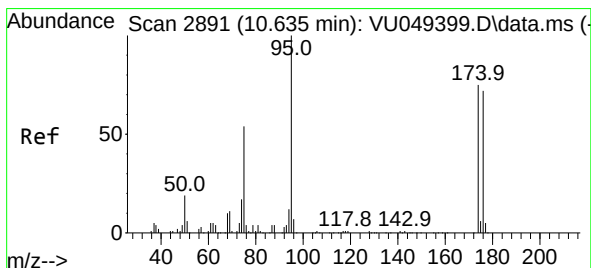
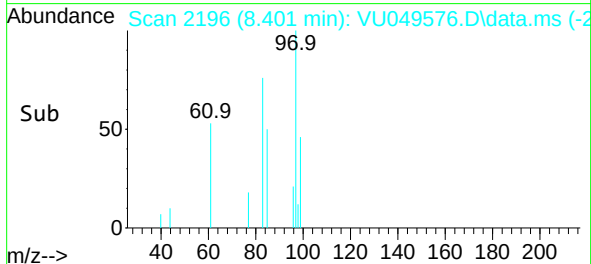
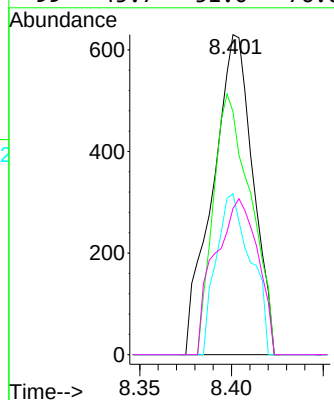


#55
1,1,2-Trichloroethane
Concen: 0.316 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

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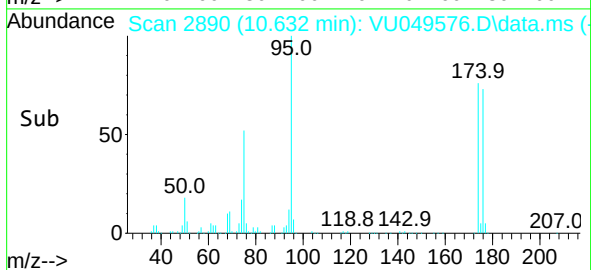
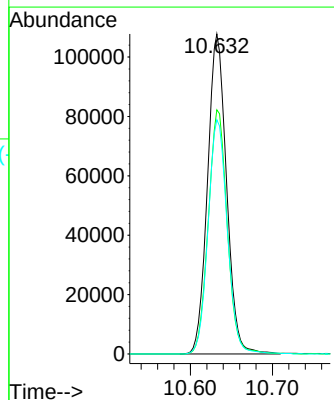
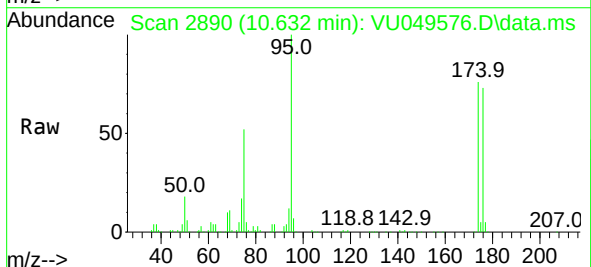


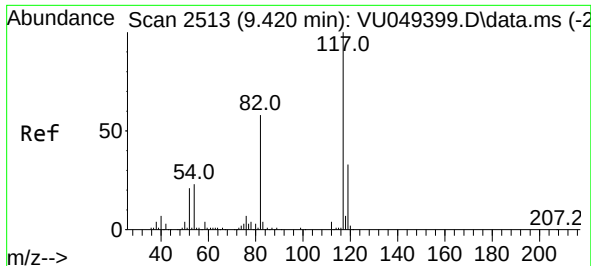
Tgt Ion:	97	Resp:	959
Ion	Ratio	Lower	Upper
97	100		
83	75.9	70.2	105.4
85	50.3	44.6	66.8
99	45.7	51.0	76.6



#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

Tgt Ion:	95	Resp:	173374
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	182.0
176	73.9	0.0	177.8

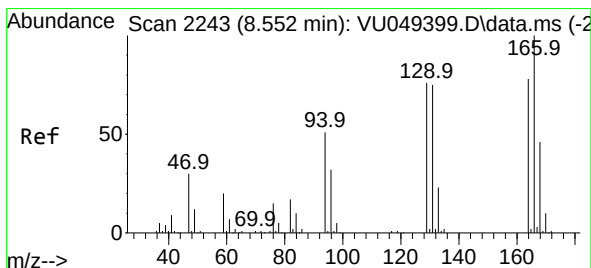
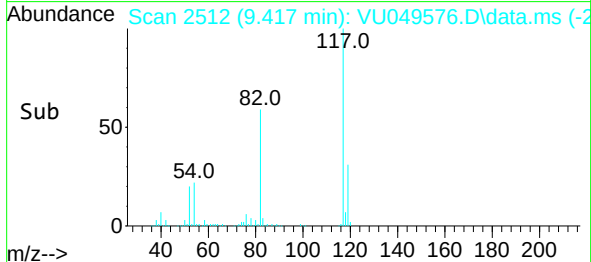
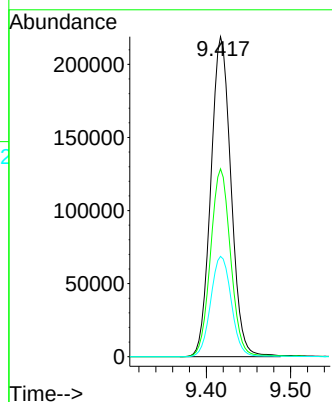
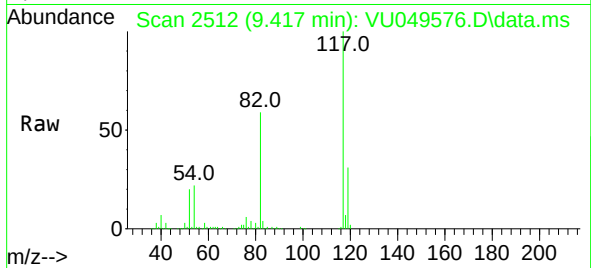




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

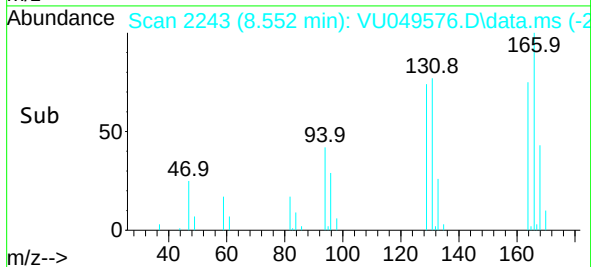
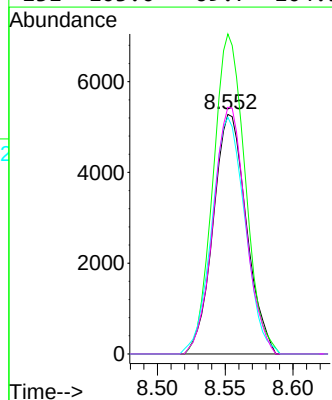
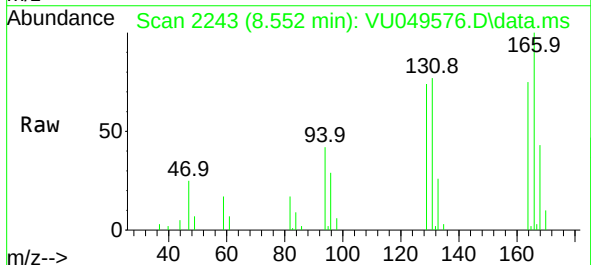
Instrument :
MSVOA_U
ClientSampleId :
RE120D2-20220622

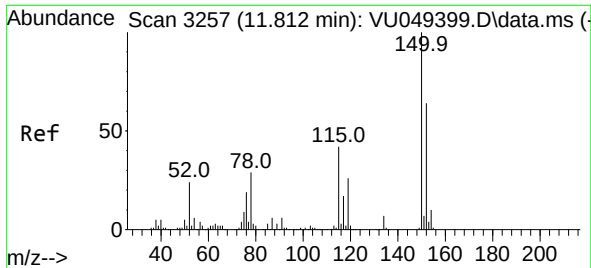
Tgt Ion:117 Resp: 364333
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 3.836 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049576.D
Acq: 30 Jun 2022 20:17

Tgt Ion:164 Resp: 8965
Ion Ratio Lower Upper
164 100
166 133.6 100.0 150.0
129 98.8 72.0 108.0
131 103.0 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: VU049576.D

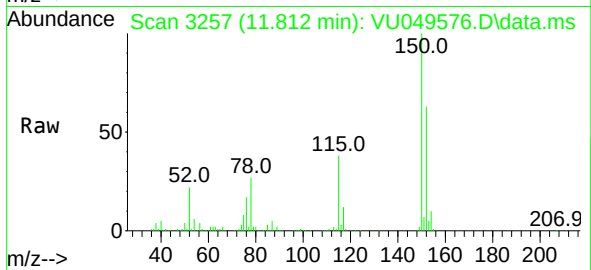
Acq: 30 Jun 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:152 Resp: 166167

Ion Ratio Lower Upper

152 100

115 61.6 37.0 110.9

150 158.9 0.0 342.2

