

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044947.D
 Acq On : 28 Sep 2021 17:30
 Operator : SY/MD
 Sample : M3829-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE120D2-20210917

Quant Time: Sep 29 05:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

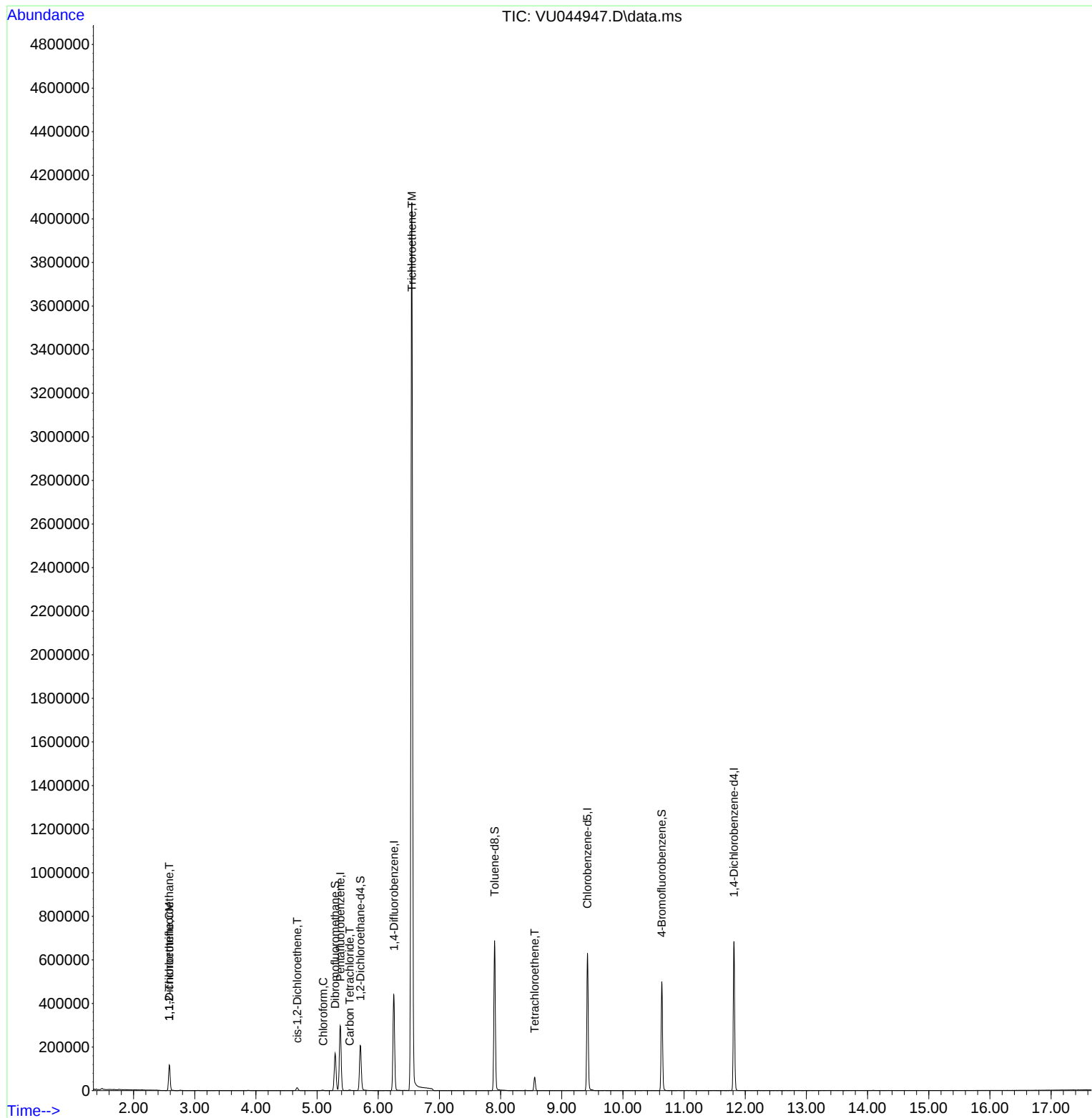
Internal Standards						
1) Pentafluorobenzene	5.378	168	196255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	345701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	330990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	165522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158064	48.38	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.76%
35) Dibromofluoromethane	5.295	113	110249	50.55	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.10%
50) Toluene-d8	7.902	98	441289	51.21	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.42%
62) 4-Bromofluorobenzene	10.635	95	167839	47.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.36%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.584	101	42267	17.90	ug/l	99
12) 1,1-Dichloroethene	2.584	96	4669	2.01	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	7241	2.41	ug/l	86
30) Chloroform	5.099	83	2136	0.42	ug/l	95
38) Carbon Tetrachloride	5.533	117	1625	0.52	ug/l	95
44) Trichloroethene	6.549	130	1308401	515.39	ug/l	98
64) Tetrachloroethene	8.558	164	12822	5.94	ug/l	98

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

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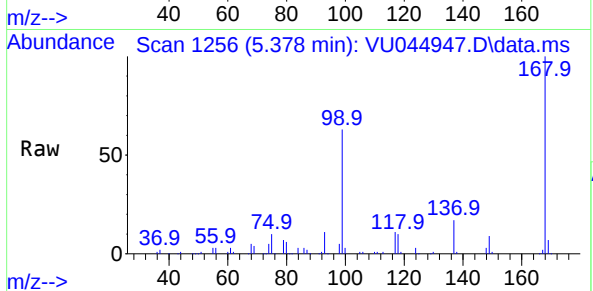
Quant Time: Sep 29 05:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
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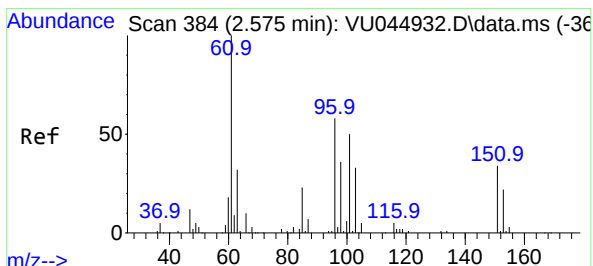
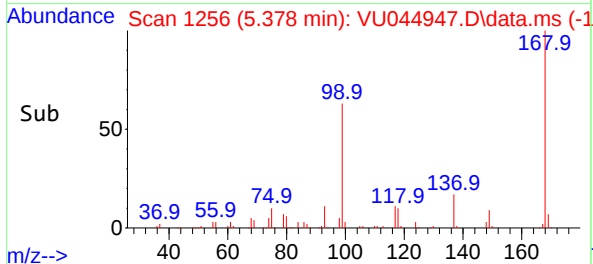
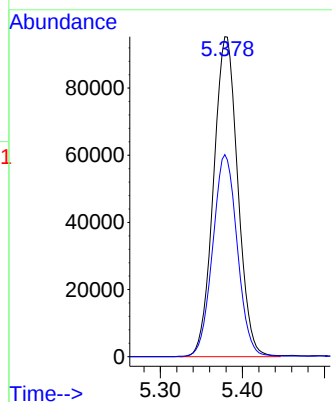


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
RE120D2-20210917

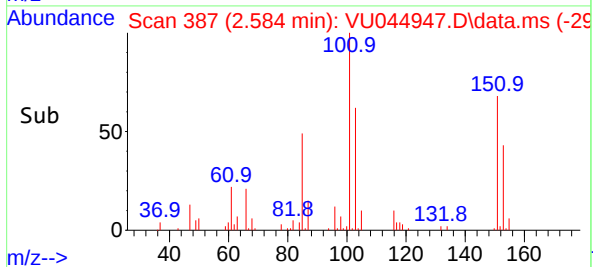
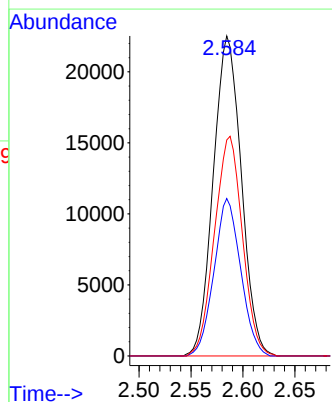
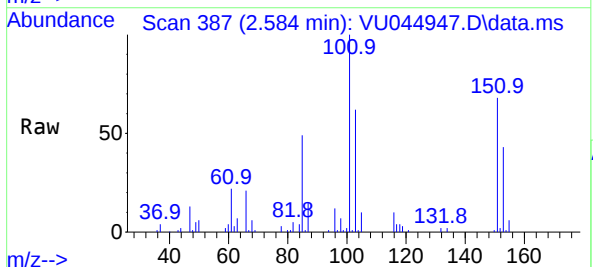


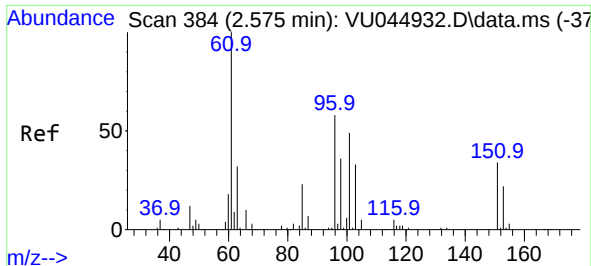
Tgt Ion:168 Resp: 196255
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.90 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Tgt Ion:101 Resp: 42267
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 68.4 55.8 83.8

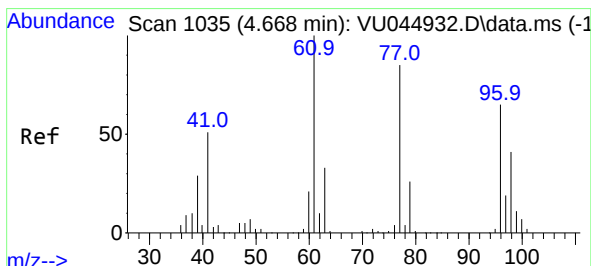
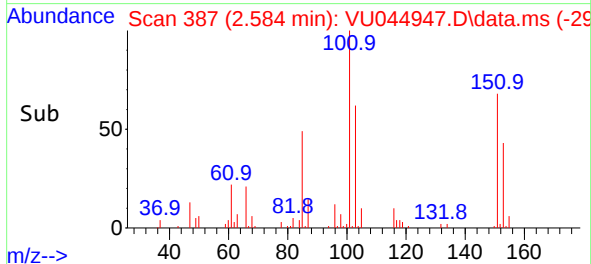
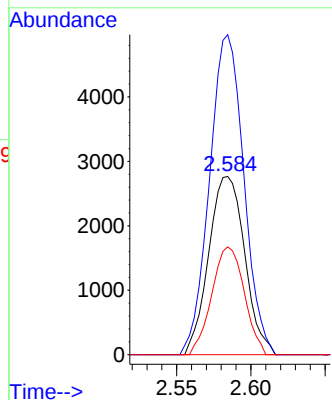
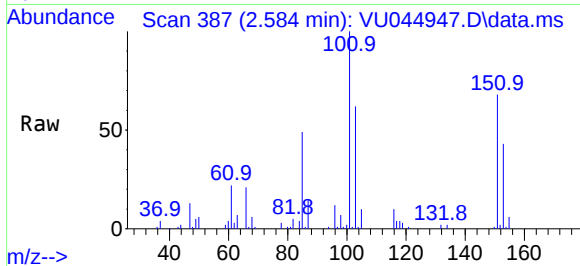




#12
1,1-Dichloroethene
Concen: 2.01 ug/l
RT: 2.584 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

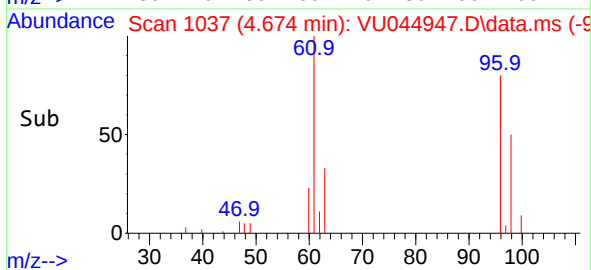
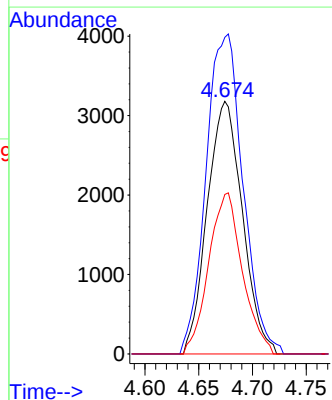
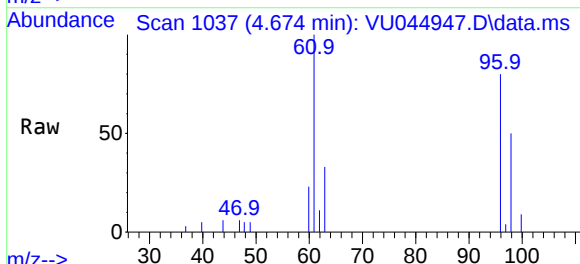
Instrument :
MSVOA_U
ClientSampleId :
RE120D2-20210917

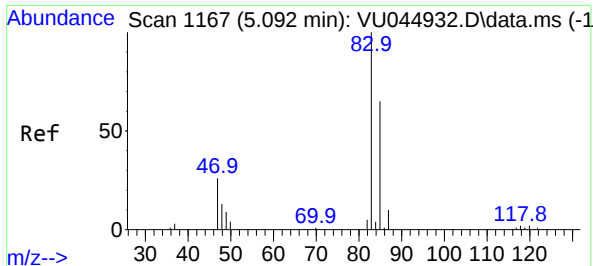
Tgt Ion: 96 Resp: 4669
Ion Ratio Lower Upper
96 100
61 179.5 145.4 218.0
98 60.5 50.9 76.3



#27
cis-1,2-Dichloroethene
Concen: 2.41 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Tgt Ion: 96 Resp: 7241
Ion Ratio Lower Upper
96 100
61 132.9 0.0 313.4
98 60.9 0.0 127.0





#30

Chloroform

Concen: 0.42 ug/l

RT: 5.099 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU044947.D

Acq: 28 Sep 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

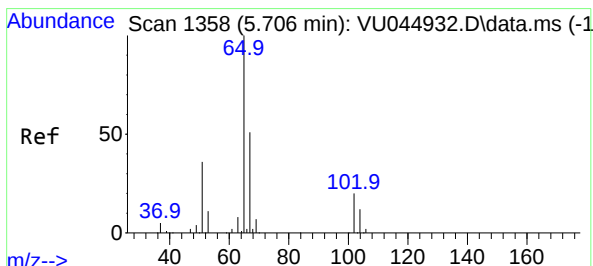
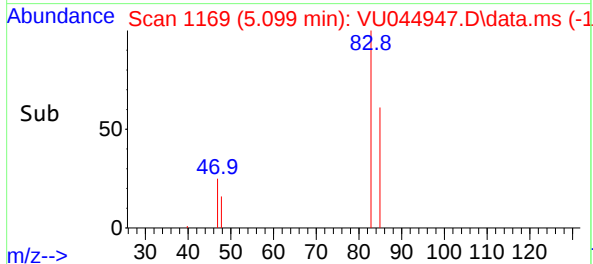
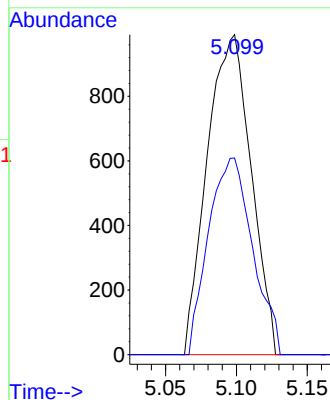
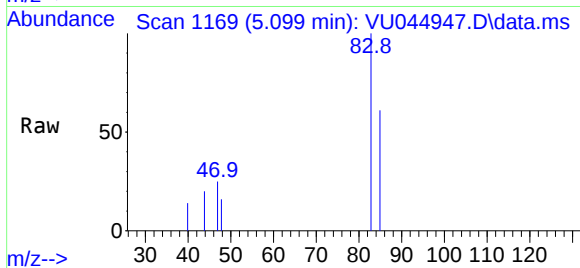
RE120D2-20210917

Tgt Ion: 83 Resp: 2136

Ion Ratio Lower Upper

83 100

85 61.5 52.1 78.1



#33

1,2-Dichloroethane-d4

Concen: 48.38 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044947.D

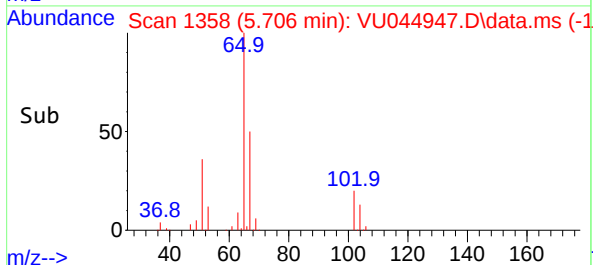
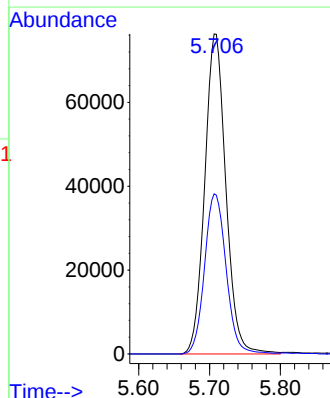
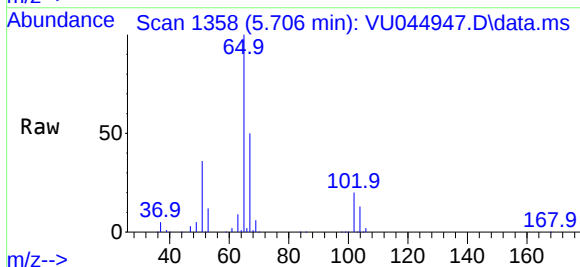
Acq: 28 Sep 2021 17:30

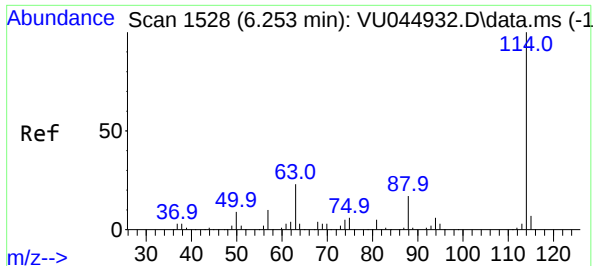
Tgt Ion: 65 Resp: 158064

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU044947.D

Acq: 28 Sep 2021 17:30

Instrument :

MSVOA_U

ClientSampleId :

RE120D2-20210917

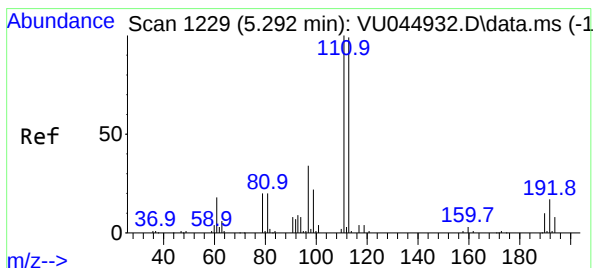
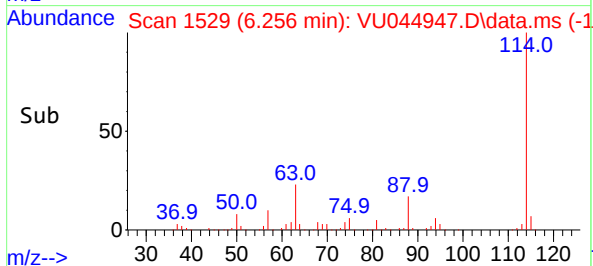
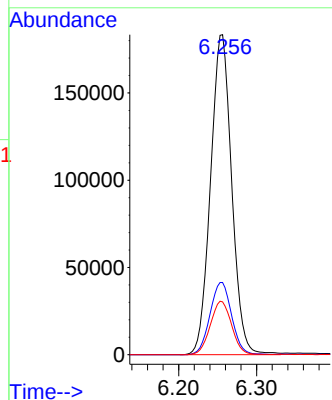
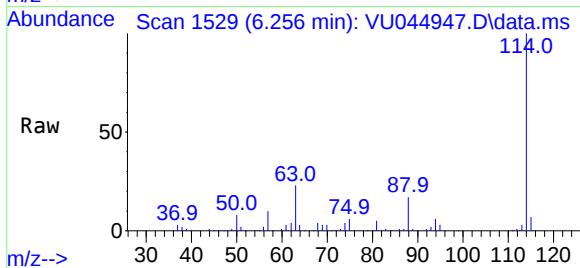
Tgt Ion:114 Resp: 345701

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.55 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044947.D

Acq: 28 Sep 2021 17:30

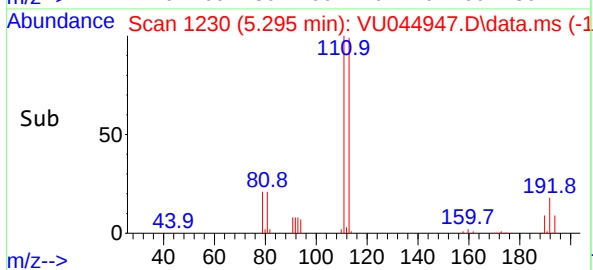
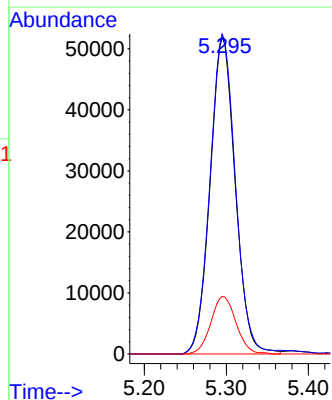
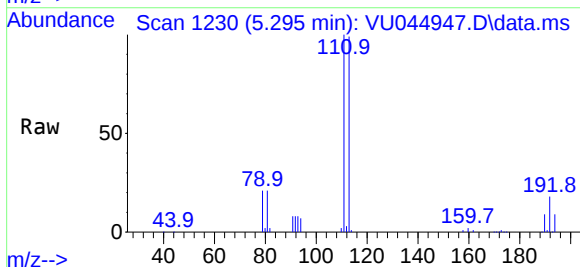
Tgt Ion:113 Resp: 110249

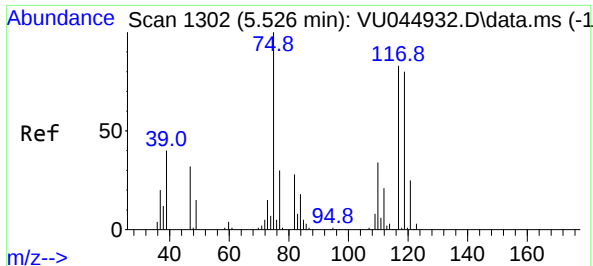
Ion Ratio Lower Upper

113 100

111 102.2 84.1 126.1

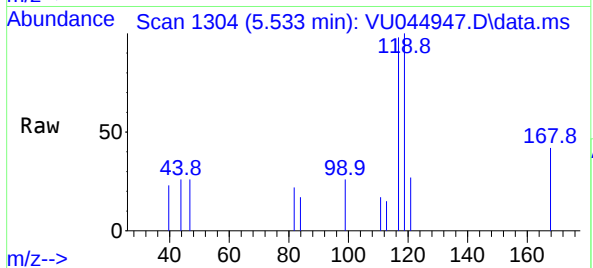
192 18.2 14.8 22.2



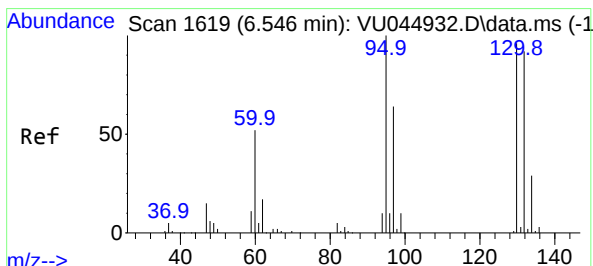
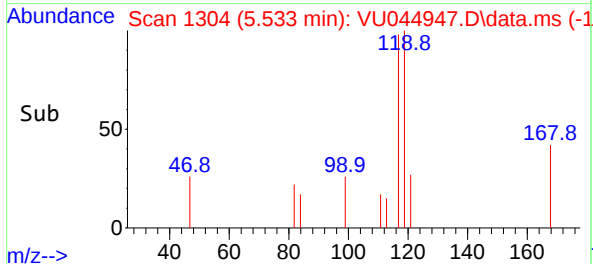
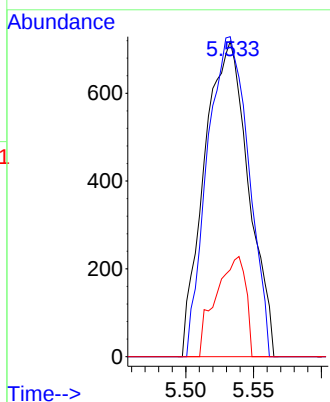


#38
Carbon Tetrachloride
Concen: 0.52 ug/l
RT: 5.533 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
RE120D2-20210917

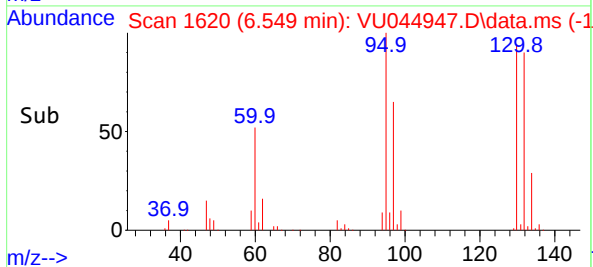
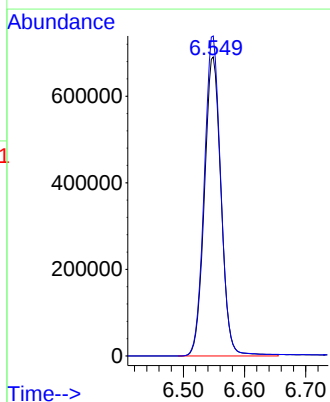
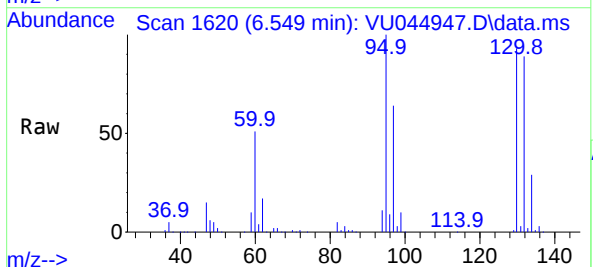


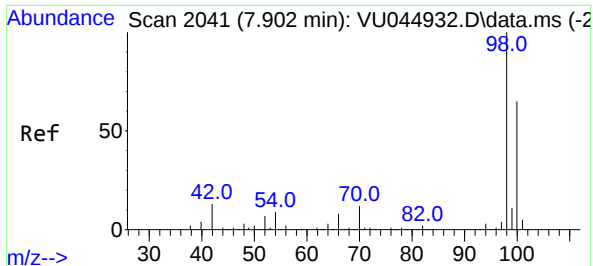
Tgt Ion:117 Resp: 1625
Ion Ratio Lower Upper
117 100
119 101.5 77.4 116.2
121 27.6 24.5 36.7



#44
Trichloroethene
Concen: 515.39 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Tgt Ion:130 Resp: 1308401
Ion Ratio Lower Upper
130 100
95 107.0 0.0 209.0

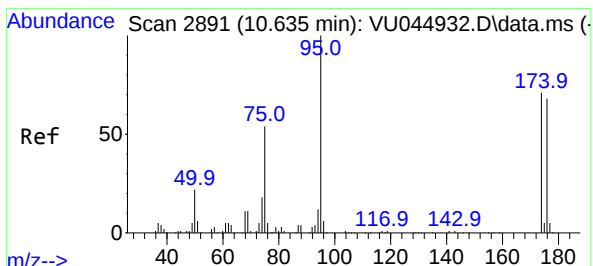
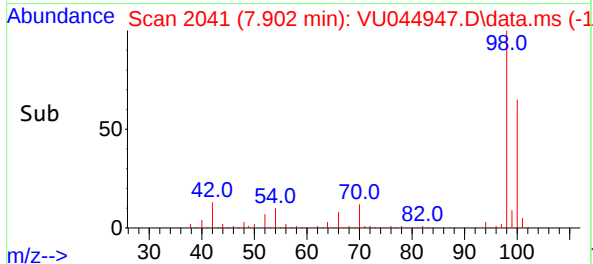
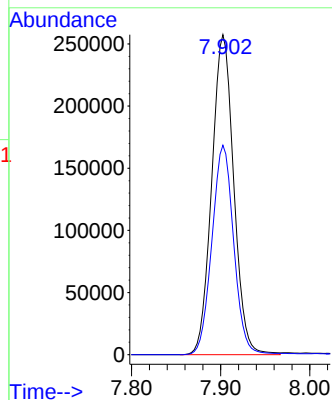
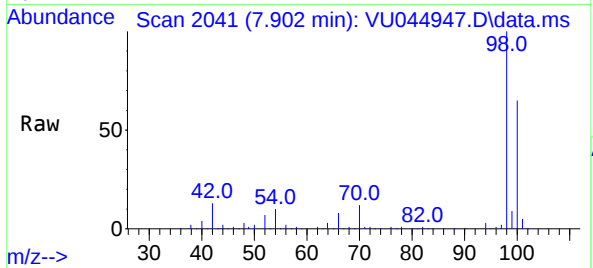




#50
Toluene-d8
Concen: 51.21 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

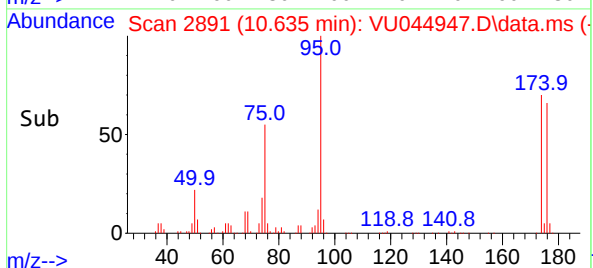
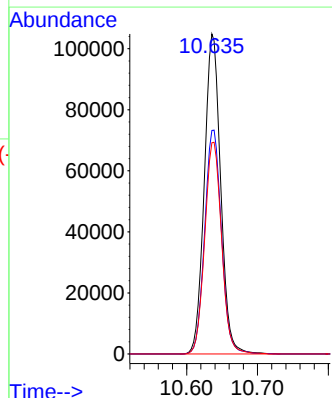
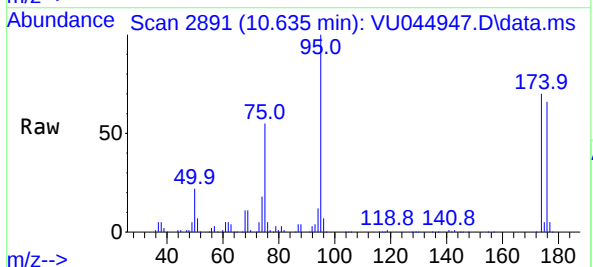
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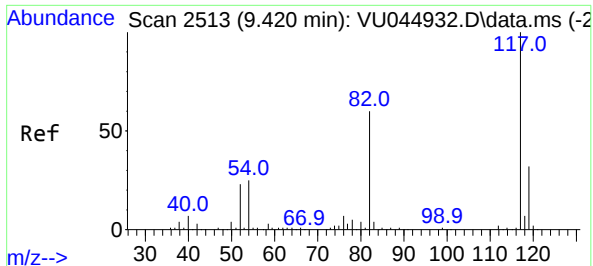
Tgt Ion: 98 Resp: 441289
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

Tgt Ion: 95 Resp: 167839
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.4 0.0 141.2

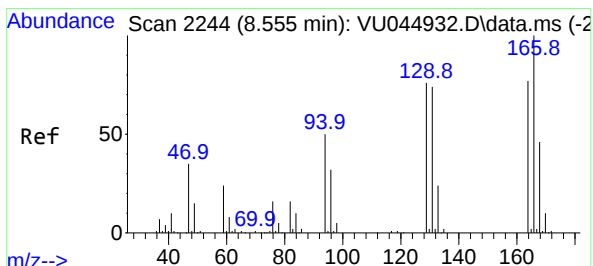
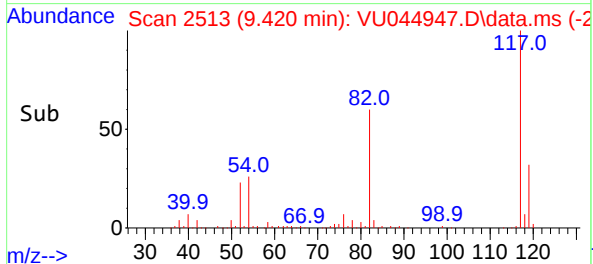
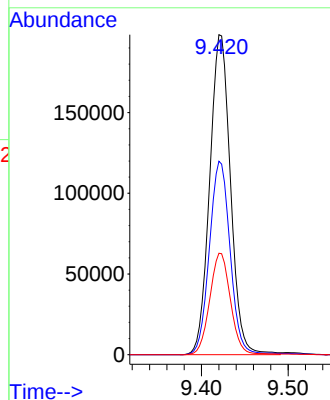
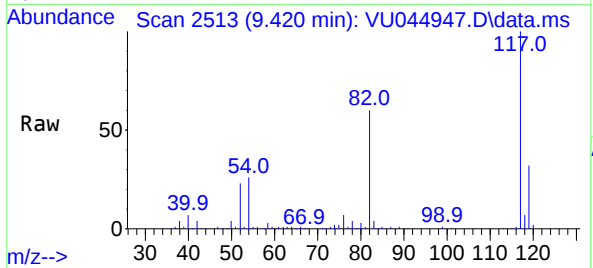




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

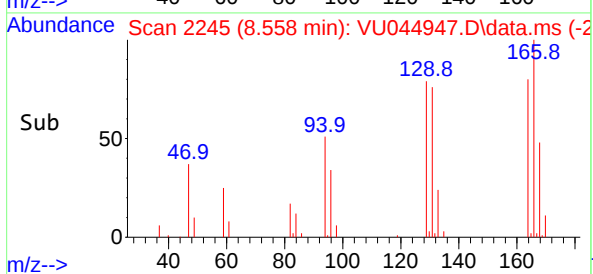
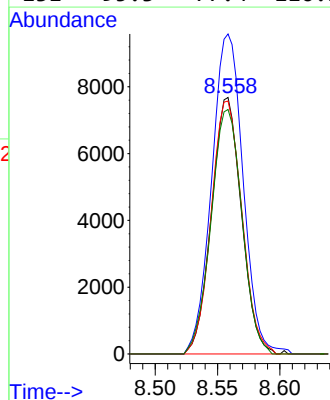
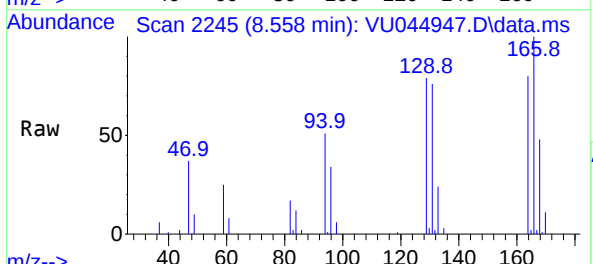
Instrument :
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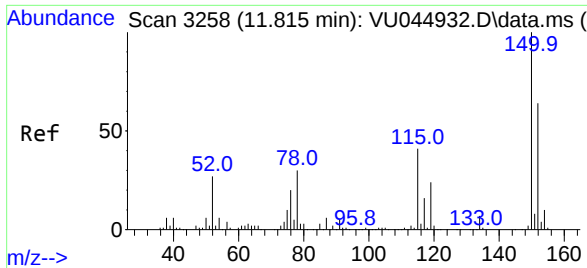
Tgt Ion:117 Resp: 330990
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 5.94 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044947.D
Acq: 28 Sep 2021 17:30

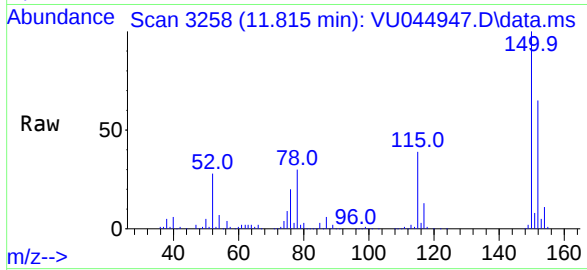
Tgt Ion:164 Resp: 12822
Ion Ratio Lower Upper
164 100
166 124.8 102.8 154.2
129 98.6 79.4 119.2
131 95.3 77.4 116.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044947.D
 Acq: 28 Sep 2021 17:30

Instrument :
 MSVOA_U
 ClientSampleId :
 RE120D2-20210917



Tgt Ion:152 Resp: 165522
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.5 130.7
 150 157.2 0.0 350.0

