

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047115.D
 Acq On : 11 Feb 2022 15:16
 Operator : SY/MD
 Sample : N1462-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

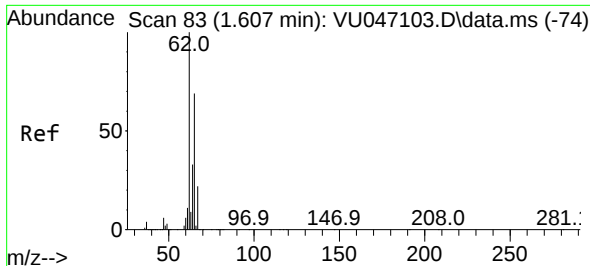
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 01:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	448567	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	416820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	212814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166644	40.905	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.820%		
7) Chloroethane-d5	1.919	69	135582	44.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.780%		
11) 1,1-Dichloroethene-d2	2.575	63	222256	32.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.840%		
21) 2-Butanone-d5	4.633	46	363053	114.907	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.910%		
24) Chloroform-d	5.067	84	296587	44.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.680%		
26) 1,2-Dichloroethane-d4	5.703	65	202513	47.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	5.732	84	633021	45.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
36) 1,2-Dichloropropane-d6	6.694	67	210305	46.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.600%		
41) Toluene-d8	7.899	98	597495	45.285	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.580%		
43) trans-1,3-Dichloroprop...	8.179	79	106599	45.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.520%		
47) 2-Hexanone-d5	8.632	63	267315	103.831	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	311416	47.525	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	232932	46.150	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.300%		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	5635	1.352	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2121	0.713	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1842	0.631	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	141645	41.785	ug/L	94
34) Trichloroethene	6.546	95	31502	9.328	ug/L	96
39) cis-1,3-Dichloropropene	7.568	75	6837	1.208	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	4953	0.911	ug/L	83
46) Tetrachloroethene	8.555	164	67498	24.846	ug/L	95

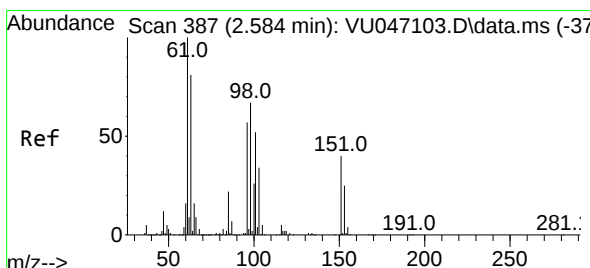
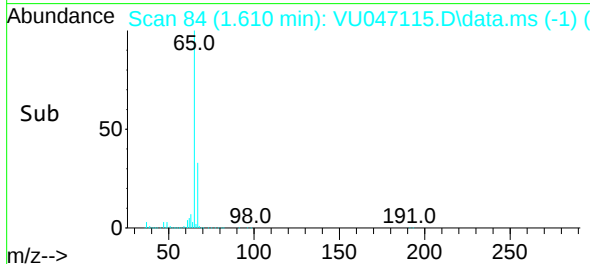
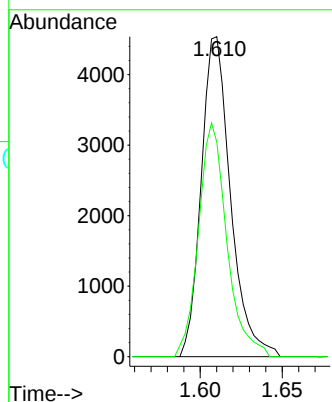
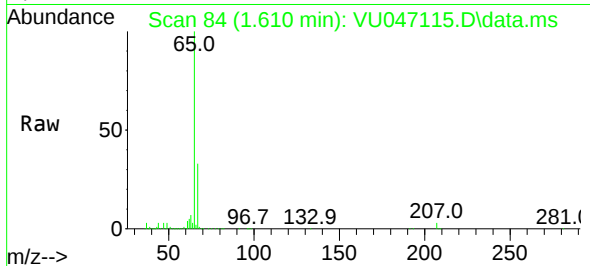
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.352 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047115.D
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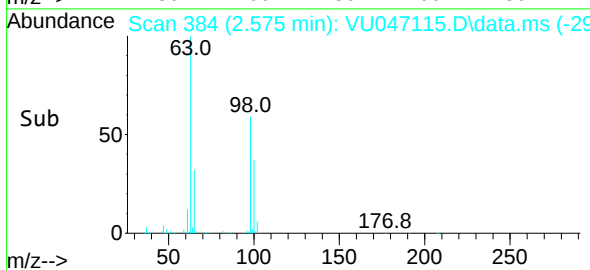
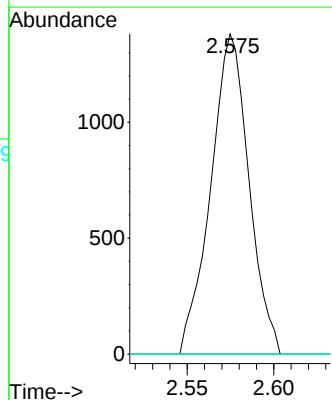
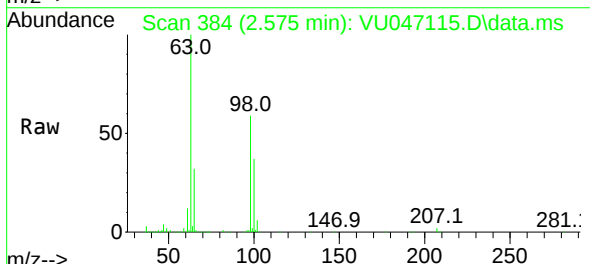
Instrument :
 MSVOA_U
 ClientSampleId :

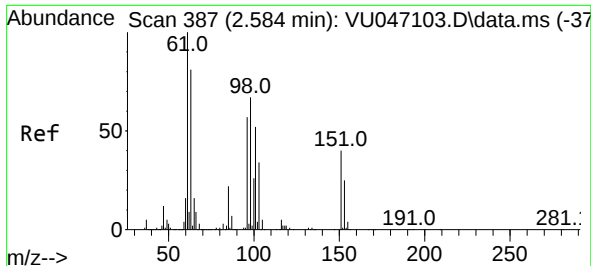
Tgt Ion: 62 Resp: 5635
 Ion Ratio Lower Upper
 62 100
 64 67.0 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.713 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047115.D
 Acq: 11 Feb 2022 15:16

Tgt Ion: 101 Resp: 2121
 Ion Ratio Lower Upper
 101 100
 85 1.9 34.9 52.3#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.007 min

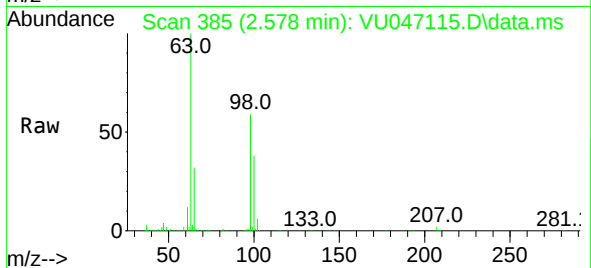
Lab File: VU047115.D

Acq: 11 Feb 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :



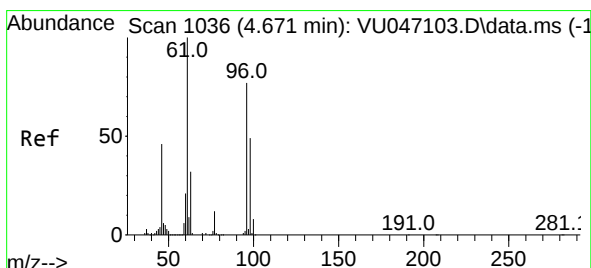
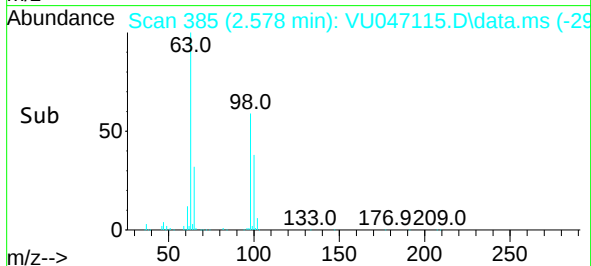
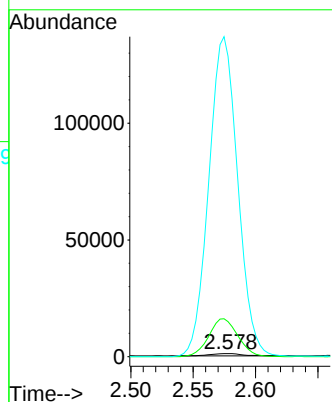
Tgt Ion: 96 Resp: 1842

Ion Ratio Lower Upper

96 100

61 1149.3 114.9 213.3#

63 9829.2 86.0 159.8#



#20

cis-1,2-Dichloroethene

Concen: 41.785 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047115.D

Acq: 11 Feb 2022 15:16

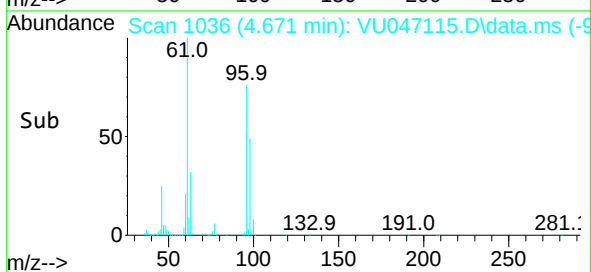
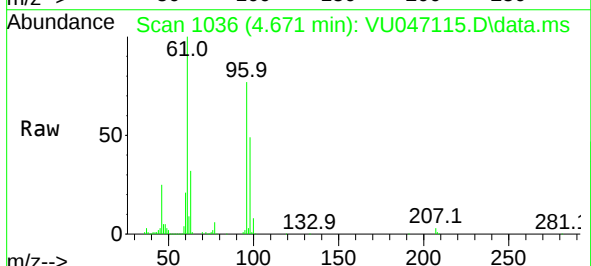
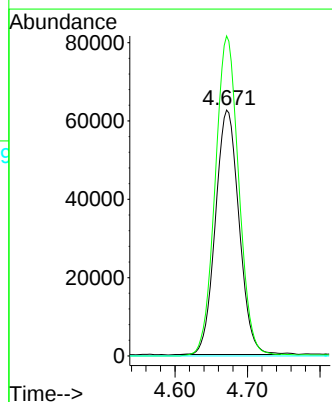
Tgt Ion: 96 Resp: 141645

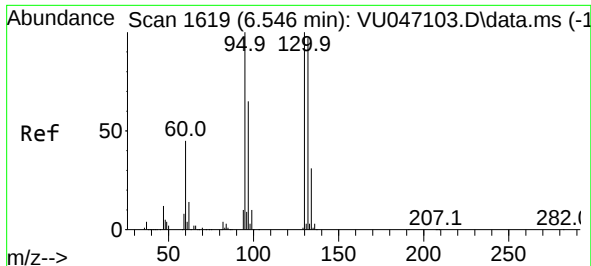
Ion Ratio Lower Upper

96 100

61 130.1 86.0 159.6

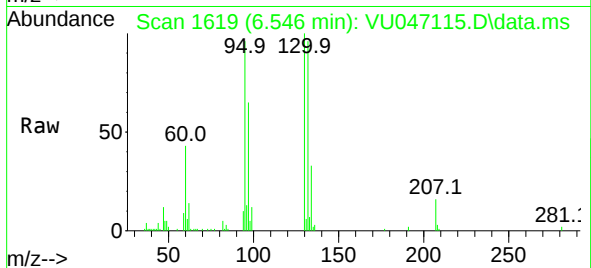
68 0.0 0.0 0.0



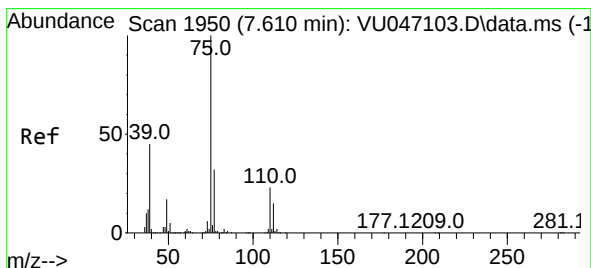
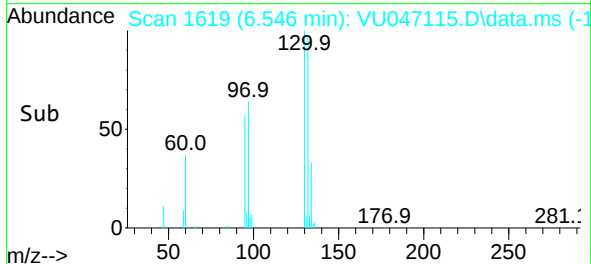
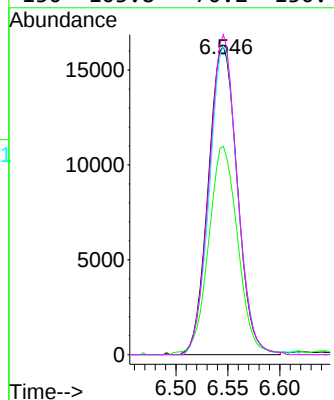


#34
Trichloroethene
Concen: 9.328 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :

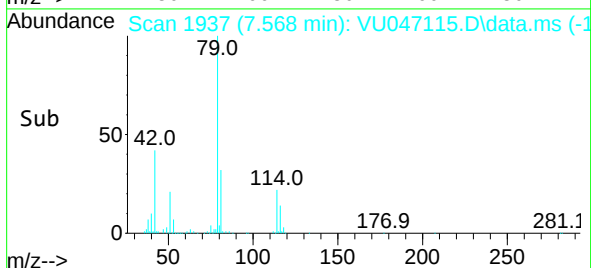
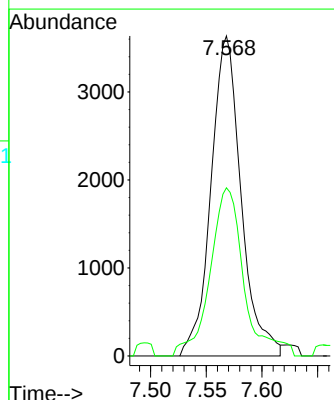
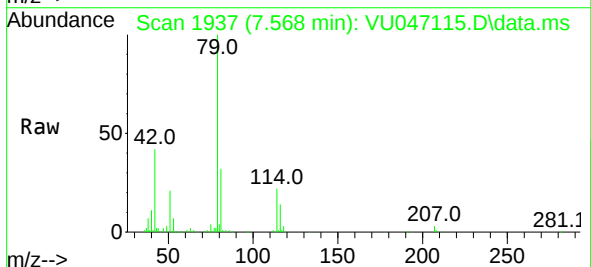


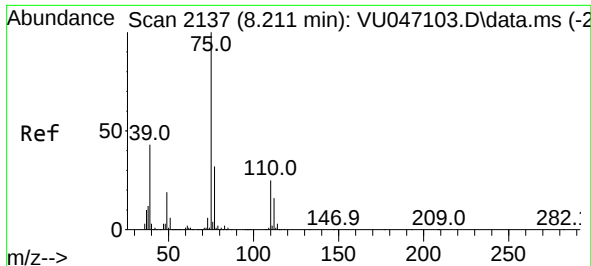
Tgt Ion: 95 Resp: 31502
Ion Ratio Lower Upper
95 100
97 67.7 45.1 83.7
132 100.1 66.7 123.9
130 103.8 70.2 130.4



#39
cis-1,3-Dichloropropene
Concen: 1.208 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
77 52.6 22.3 41.3#

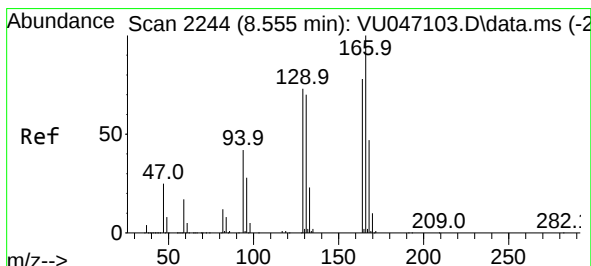
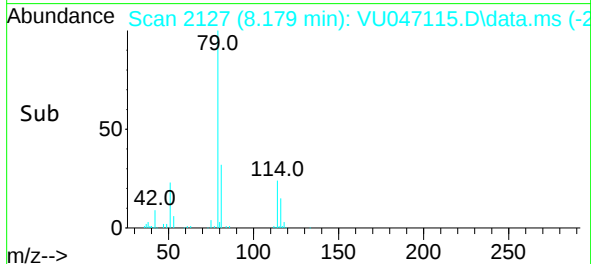
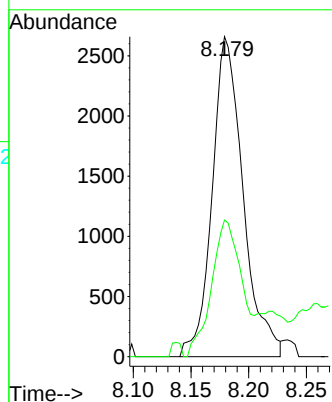
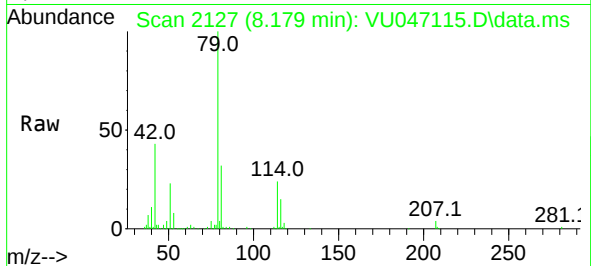




#44
trans-1,3-Dichloropropene
Concen: 0.911 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4953
Ion Ratio Lower Upper
75 100
77 42.7 23.0 42.8



#46
Tetrachloroethene
Concen: 24.846 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047115.D
Acq: 11 Feb 2022 15:16

Tgt Ion: 164 Resp: 67498
Ion Ratio Lower Upper
164 100
129 93.8 69.5 129.1
131 89.6 67.0 124.4
166 126.2 90.6 168.2

