

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047107.D
 Acq On : 11 Feb 2022 12:06
 Operator : SY/MD
 Sample : N1462-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

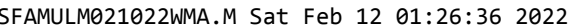
Quant Time: Feb 12 01:26:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

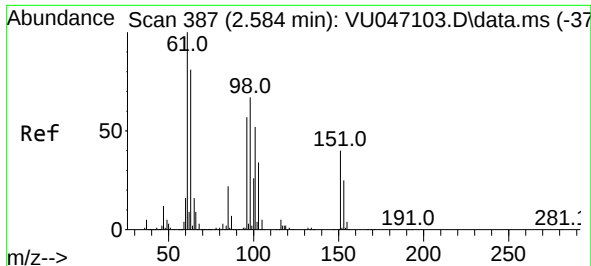
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	485756	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	452522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	231215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	184217	41.757	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.520%	
7) Chloroethane-d5	1.922	69	143833	43.981	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.960%	
11) 1,1-Dichloroethene-d2	2.575	63	244830	33.489	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.980%	
21) 2-Butanone-d5	4.636	46	383506	112.088	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.090%	
24) Chloroform-d	5.070	84	315993	44.121	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.240%	
26) 1,2-Dichloroethane-d4	5.706	65	213466	46.437	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.880%	
32) Benzene-d6	5.732	84	682057	45.336	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.680%	
36) 1,2-Dichloropropane-d6	6.694	67	224396	45.994	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.980%	
41) Toluene-d8	7.899	98	645109	45.037	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.080%	
43) trans-1,3-Dichloroprop...	8.179	79	115351	45.116	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.240%	
47) 2-Hexanone-d5	8.632	63	283721	101.508	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.510%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	321546	45.199	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	247539	45.141	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.280%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2387	0.741	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	2435	0.771	ug/L #	1
20) cis-1,2-Dichloroethene	4.674	96	29873	8.138	ug/L	97
27) 1,2-Dichloroethane	5.732	62	3714	0.766	ug/L	97
34) Trichloroethene	6.546	95	16009	4.367	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	5054	0.856	ug/L #	77
46) Tetrachloroethene	8.555	164	182401	61.845	ug/L	97

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

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Response via : Initial Calibration

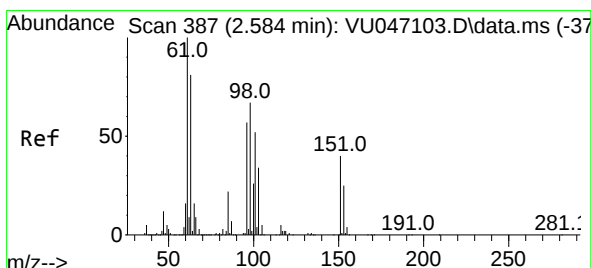
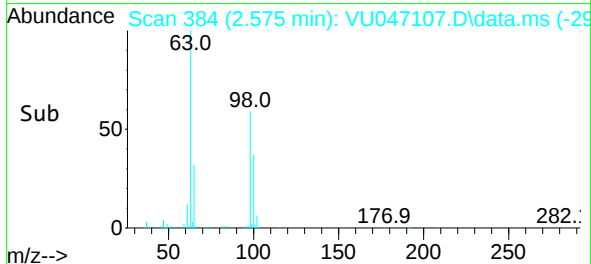
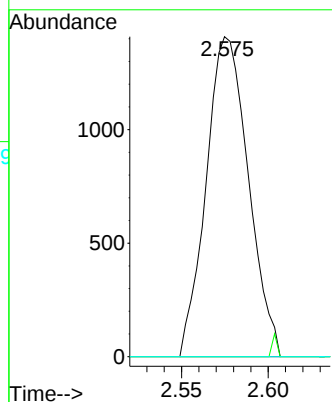
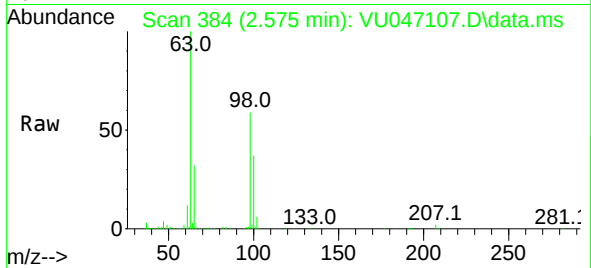




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.741 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047107.D
 Acq: 11 Feb 2022 12:06

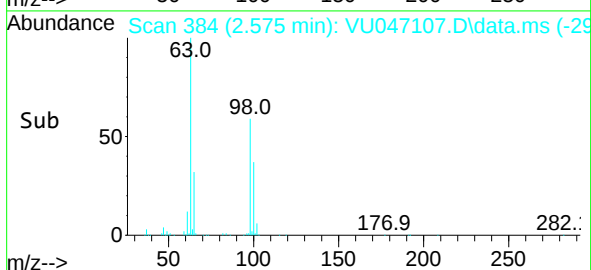
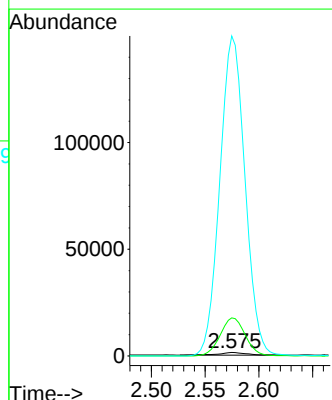
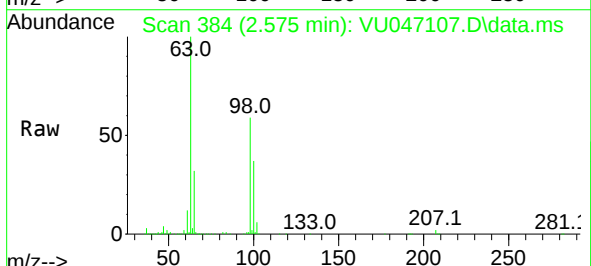
Instrument :
 MSVOA_U
 ClientSampleId :

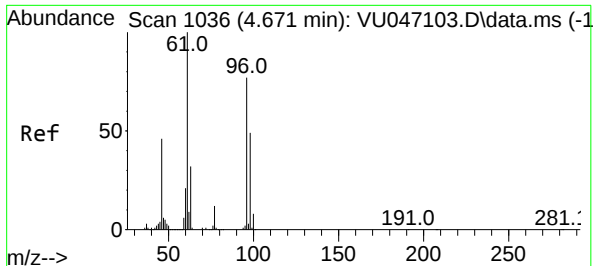
Tgt Ion:101 Resp: 2387
 Ion Ratio Lower Upper
 101 100
 85 1.9 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.771 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047107.D
 Acq: 11 Feb 2022 12:06

Tgt Ion: 96 Resp: 2435
 Ion Ratio Lower Upper
 96 100
 61 1095.6 114.9 213.3#
 63 9188.2 86.0 159.8#





#20

cis-1,2-Dichloroethene

Concen: 8.138 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047107.D

Acq: 11 Feb 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

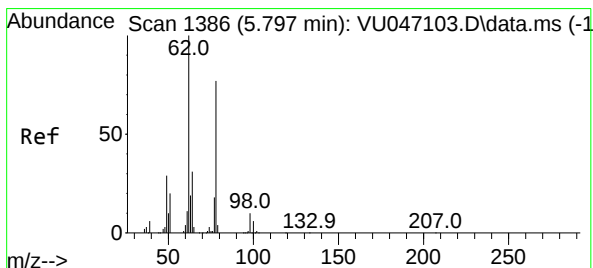
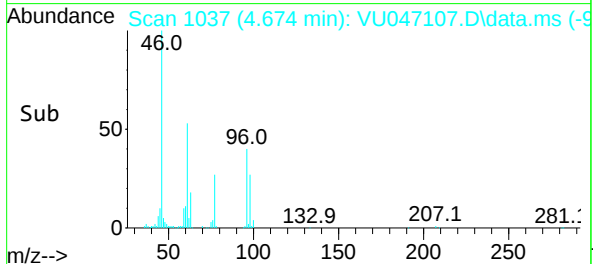
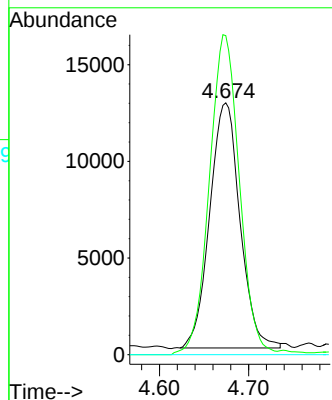
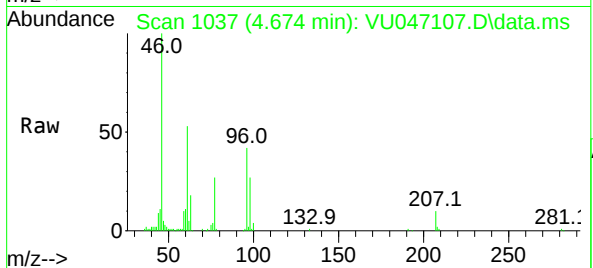
Tgt Ion: 96 Resp: 29873

Ion Ratio Lower Upper

96 100

61 126.7 86.0 159.6

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.766 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.064 min

Lab File: VU047107.D

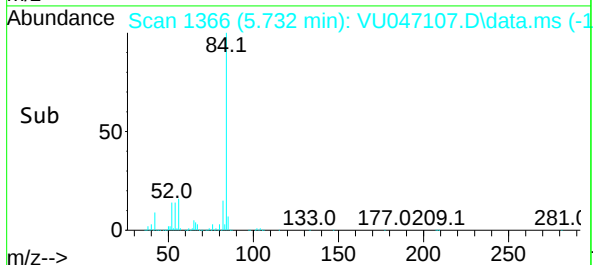
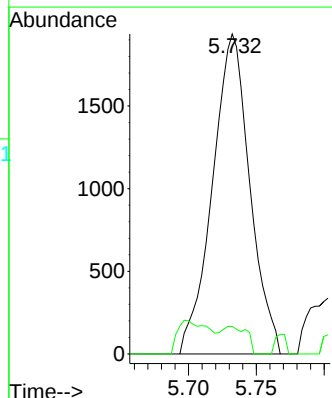
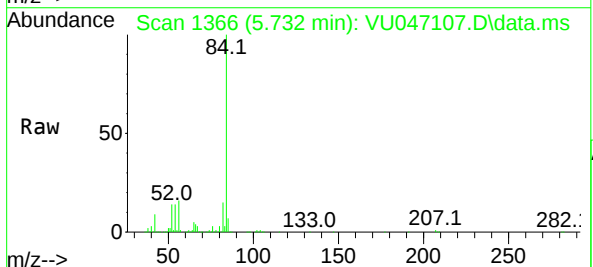
Acq: 11 Feb 2022 12:06

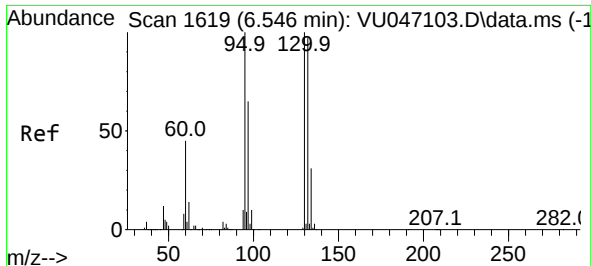
Tgt Ion: 62 Resp: 3714

Ion Ratio Lower Upper

62 100

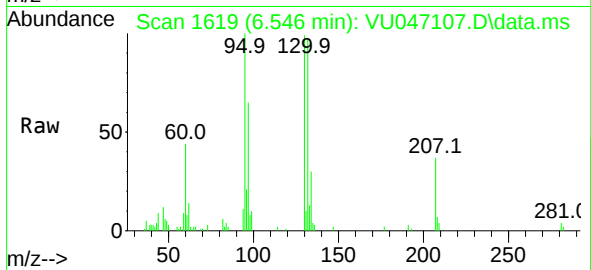
98 8.6 7.7 11.5



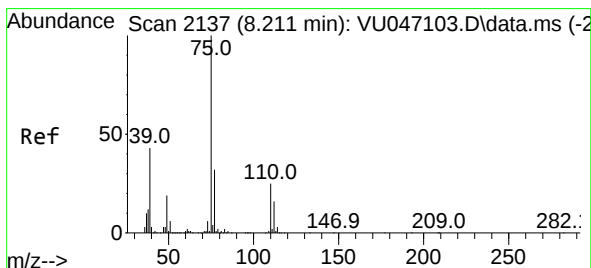
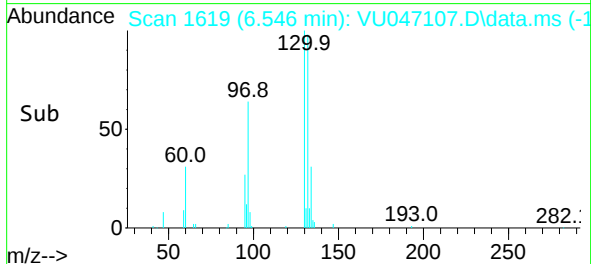
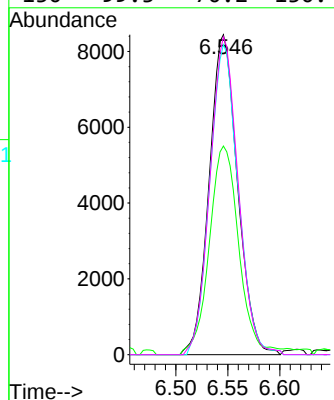


#34
 Trichloroethene
 Concen: 4.367 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU047107.D
 Acq: 11 Feb 2022 12:06

Instrument :
 MSVOA_U
 ClientSampleId :

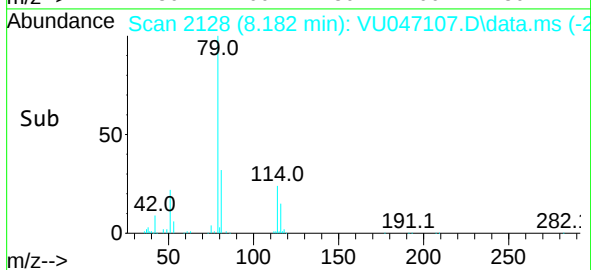
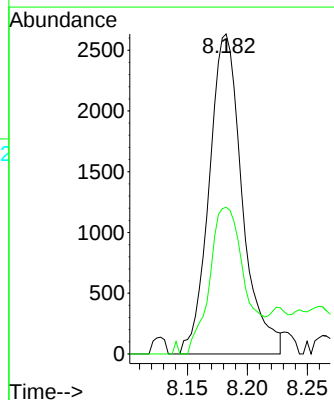
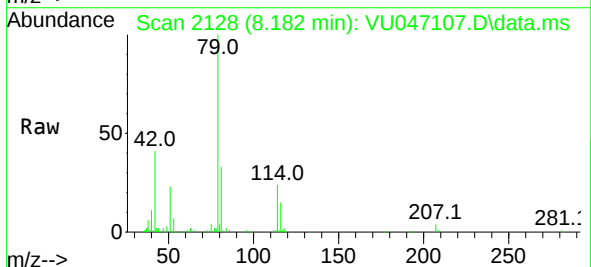


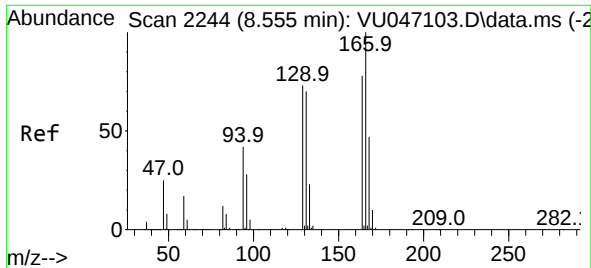
Tgt Ion: 95 Resp: 16009
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.1 83.7
 132 96.8 66.7 123.9
 130 99.3 70.2 130.4



#44
 trans-1,3-Dichloropropene
 Concen: 0.856 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.029 min
 Lab File: VU047107.D
 Acq: 11 Feb 2022 12:06

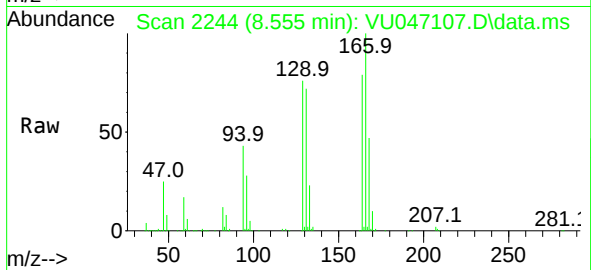
Tgt Ion: 75 Resp: 5054
 Ion Ratio Lower Upper
 75 100
 77 45.9 23.0 42.8#





#46
 Tetrachloroethene
 Concen: 61.845 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047107.D
 Acq: 11 Feb 2022 12:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	164	Resp:	182401
Ion	Ratio	Lower	Upper
164	100		
129	96.2	69.5	129.1
131	91.0	67.0	124.4
166	127.2	90.6	168.2

