

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047090.D
 Acq On : 10 Feb 2022 21:45
 Operator : SY/MD
 Sample : N1462-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

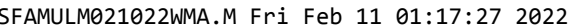
Quant Time: Feb 11 01:17:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

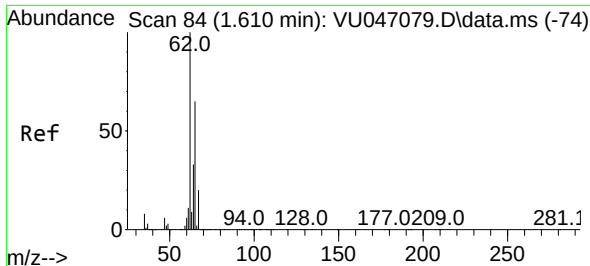
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	485419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	450278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	229888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	197883	44.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.780%		
7) Chloroethane-d5	1.919	69	150888	46.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.340%		
11) 1,1-Dichloroethene-d2	2.575	63	263185	36.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.040%		
21) 2-Butanone-d5	4.645	46	405438	118.580	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.580%		
24) Chloroform-d	5.067	84	325601	45.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.980%		
26) 1,2-Dichloroethane-d4	5.703	65	220887	48.085	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
32) Benzene-d6	5.732	84	708965	47.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	6.694	67	233161	48.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.060%		
41) Toluene-d8	7.899	98	674714	47.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.179	79	119833	47.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.200%		
47) 2-Hexanone-d5	8.636	63	298510	107.332	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.330%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337561	47.687	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.380%		
66) 1,2-Dichlorobenzene-d4	12.192	152	259355	47.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
Target Compounds						
5) Vinyl chloride	1.610	62	2642	0.586	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	2576	0.801	ug/L #	25
12) 1,1-Dichloroethene	2.572	96	2267	0.718	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	23982	6.538	ug/L #	99
39) cis-1,3-Dichloropropene	7.565	75	7023	1.149	ug/L #	68
44) trans-1,3-Dichloropropene	8.179	75	5075	0.864	ug/L	86
46) Tetrachloroethene	8.555	164	18379	6.263	ug/L	96
49) Dibromochloromethane	8.555	129	17073	4.165	ug/L #	10

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

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Response via : Initial Calibration

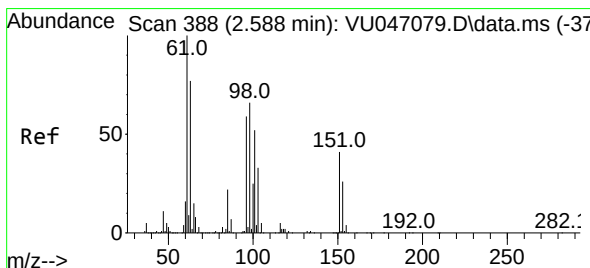
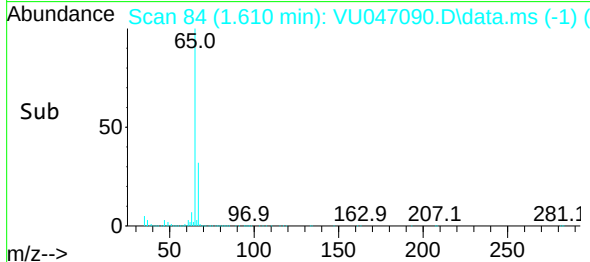
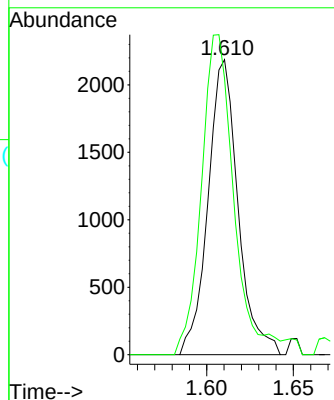
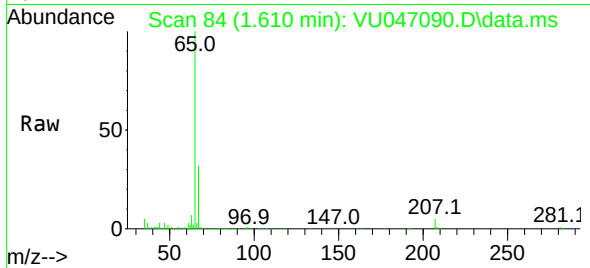




#5
 Vinyl chloride
 Concen: 0.586 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU047090.D
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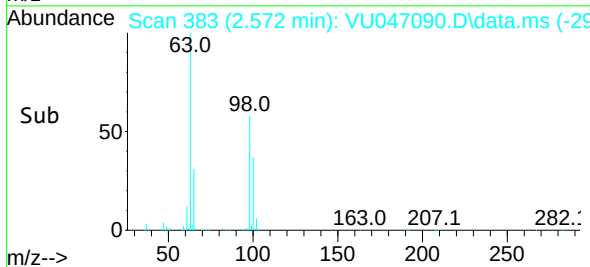
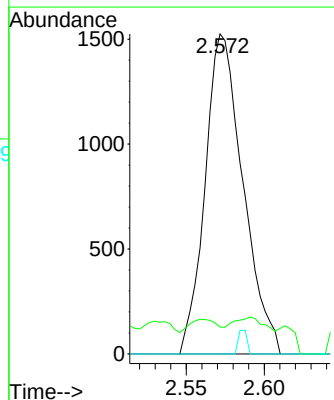
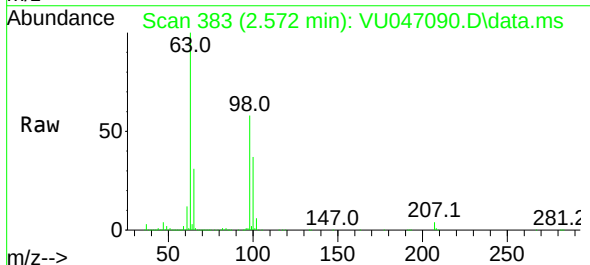
Instrument :
 MSVOA_U
 ClientSampleId :

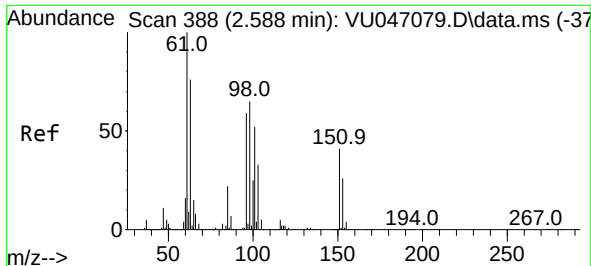
Tgt Ion: 62 Resp: 2642
 Ion Ratio Lower Upper
 62 100
 64 93.7 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.801 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047090.D
 Acq: 10 Feb 2022 21:45

Tgt Ion: 101 Resp: 2576
 Ion Ratio Lower Upper
 101 100
 85 7.6 34.9 52.3#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 0.718 ug/L

RT: 2.572 min Scan# 388

Delta R.T. -0.016 min

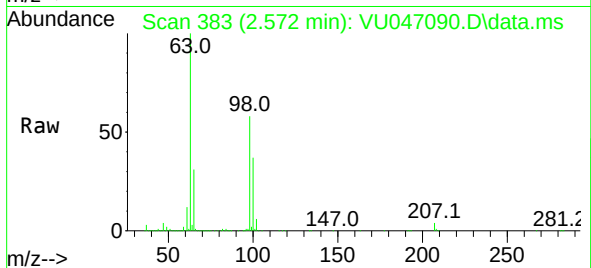
Lab File: VU047090.D

Acq: 10 Feb 2022 21:45

Instrument :

MSVOA_U

ClientSampleId :



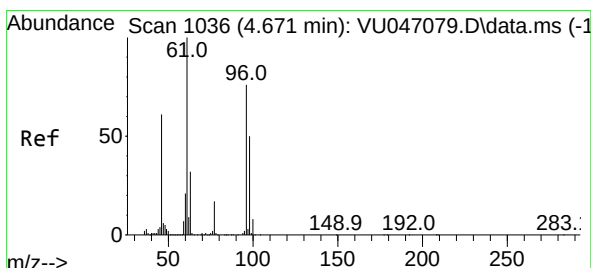
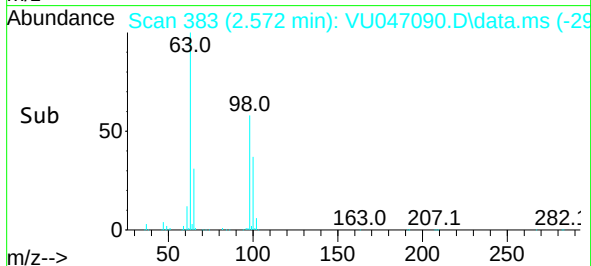
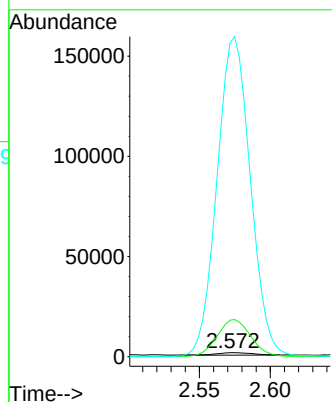
Tgt Ion: 96 Resp: 2267

Ion Ratio Lower Upper

96 100

61 910.2 114.9 213.3#

63 7848.6 86.0 159.8#



#20

cis-1,2-Dichloroethene

Concen: 6.538 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047090.D

Acq: 10 Feb 2022 21:45

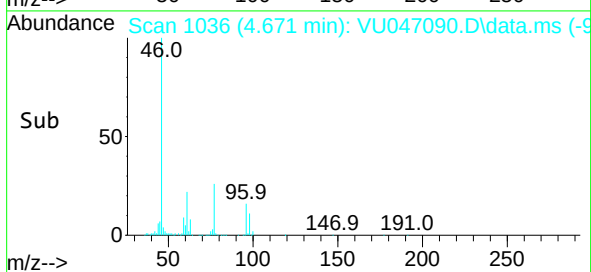
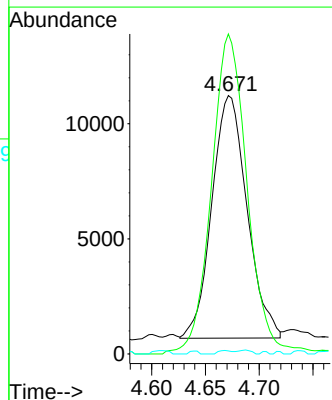
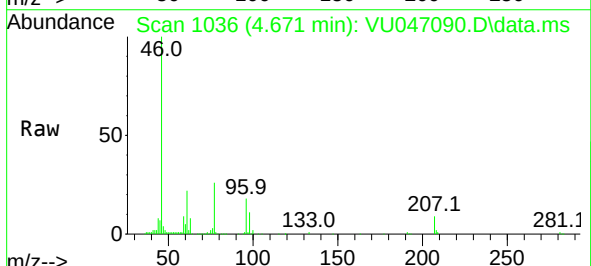
Tgt Ion: 96 Resp: 23982

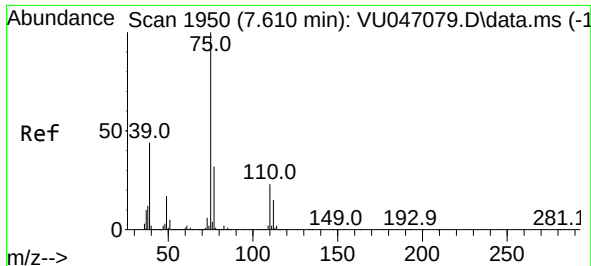
Ion Ratio Lower Upper

96 100

61 123.8 86.0 159.6

68 1.1 0.0 0.0#

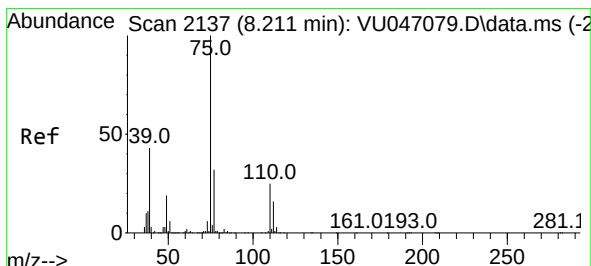
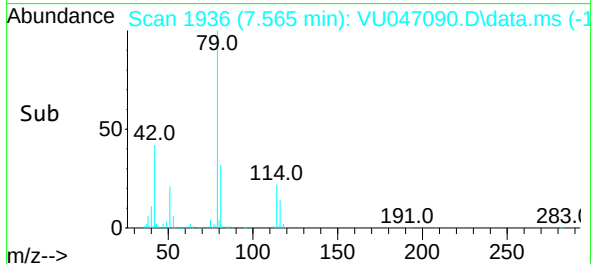
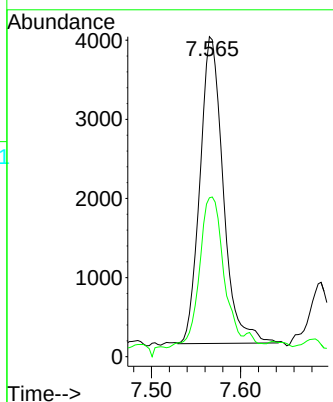
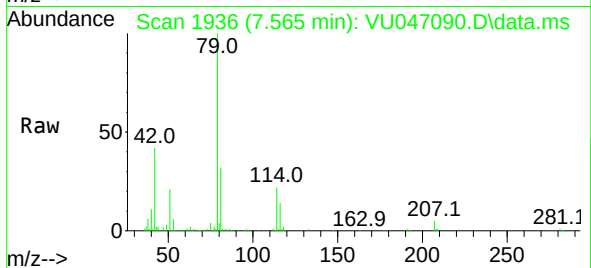




#39
cis-1,3-Dichloropropene
Concen: 1.149 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU047090.D
Acq: 10 Feb 2022 21:45

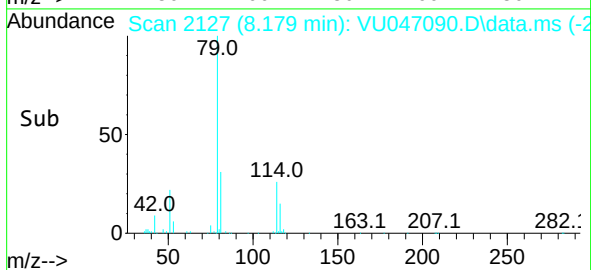
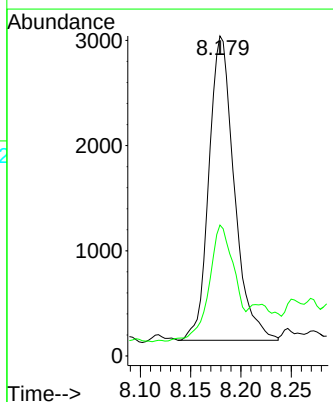
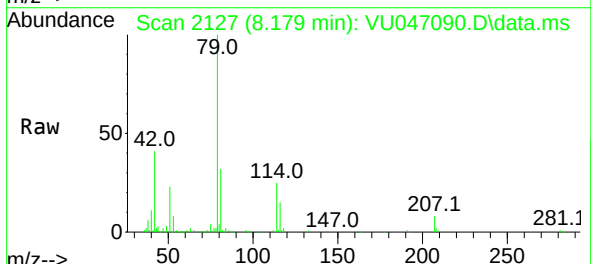
Instrument :
MSVOA_U
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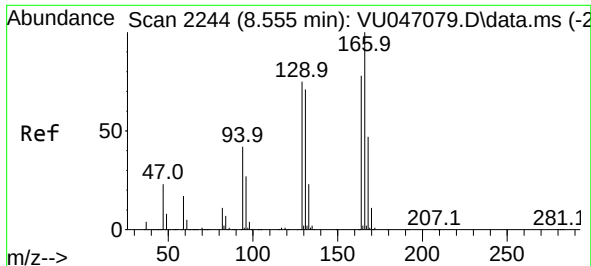
Tgt Ion: 75 Resp: 7023
Ion Ratio Lower Upper
75 100
77 49.7 22.3 41.3#



#44
trans-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU047090.D
Acq: 10 Feb 2022 21:45

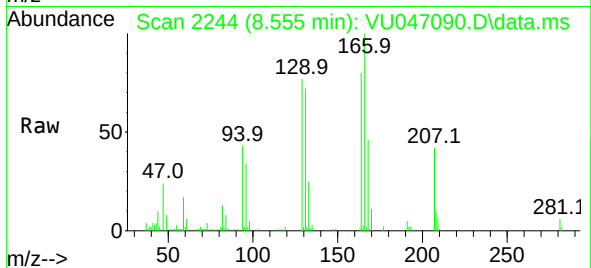
Tgt Ion: 75 Resp: 5075
Ion Ratio Lower Upper
75 100
77 40.9 23.0 42.8



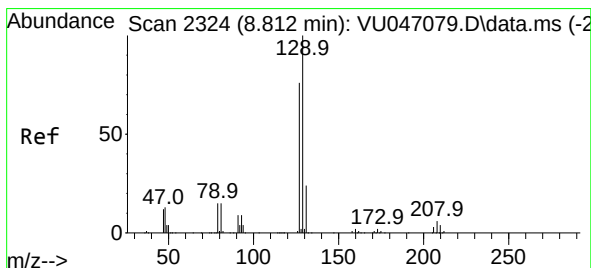
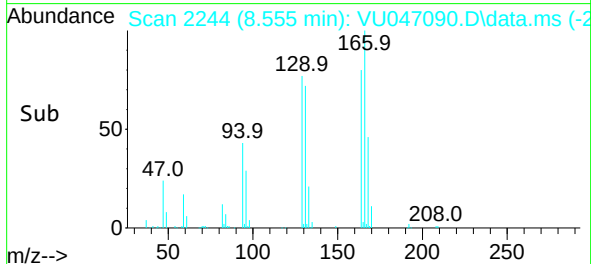
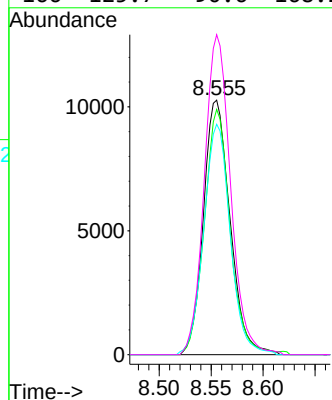


#46
Tetrachloroethene
Concen: 6.263 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047090.D
Acq: 10 Feb 2022 21:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 18379
Ion Ratio Lower Upper
164 100
129 96.4 69.5 129.1
131 90.5 67.0 124.4
166 125.7 90.6 168.2



#49
Dibromochloromethane
Concen: 4.165 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047090.D
Acq: 10 Feb 2022 21:45

Tgt Ion:129 Resp: 17073
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

