

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046380.D
 Acq On : 15 Dec 2021 00:24
 Operator : SY/MD
 Sample : M5037-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00W5

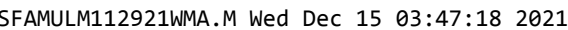
Quant Time: Dec 15 03:47:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

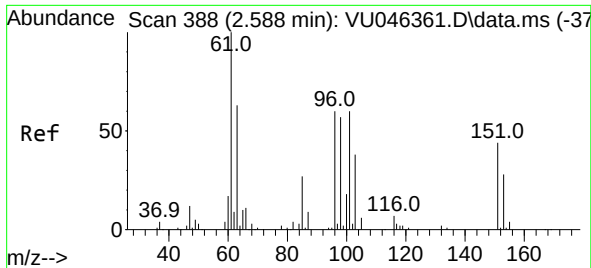
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	148909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74542	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40565	33.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.140%		
7) Chloroethane-d5	1.919	69	33449	35.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.040%		
11) 1,1-Dichloroethene-d2	2.575	63	55756	25.320	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.640%#		
21) 2-Butanone-d5	4.642	46	79433	81.460	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.460%		
24) Chloroform-d	5.067	84	87138	42.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.080%		
26) 1,2-Dichloroethane-d4	5.707	65	58008	42.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.400%		
32) Benzene-d6	5.732	84	160605	36.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.460%		
36) 1,2-Dichloropropane-d6	6.694	67	52160	38.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.980%		
41) Toluene-d8	7.899	98	134791	33.858	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.720%#		
43) trans-1,3-Dichloroprop...	8.182	79	23428	35.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.620%		
47) 2-Hexanone-d5	8.636	63	57191	89.013	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.010%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84222	40.983	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.960%		
66) 1,2-Dichlorobenzene-d4	12.192	152	57954	40.371	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	459	0.424	ug/L #	21
35) Methylcyclohexane	6.697	83	13190	6.994	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6122	5.062	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1500	0.815	ug/L	86
51) Chlorobenzene	9.446	112	3656	1.141	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	9180	5.618	ug/L #	65

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

Quant Time: Dec 15 03:47:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 03:40:56 2021
Response via : Initial Calibration

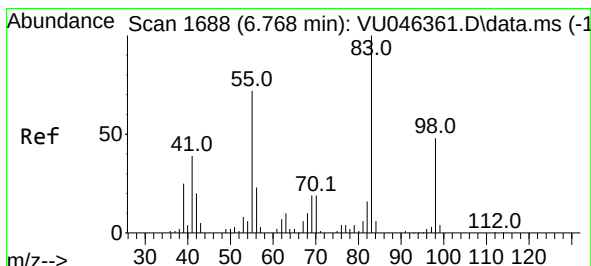
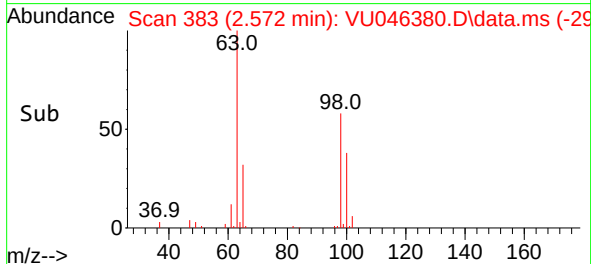
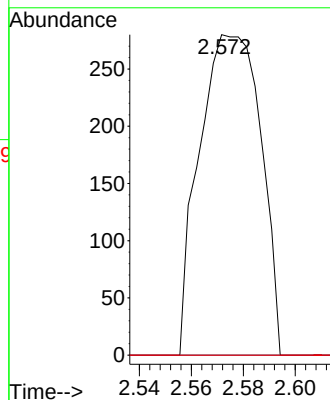
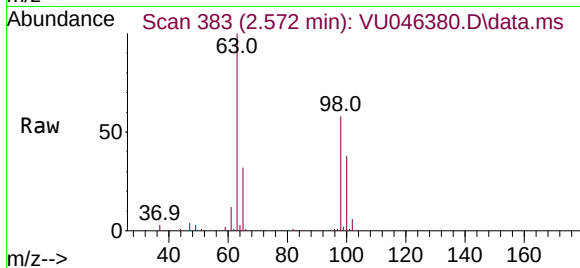




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.424 ug/L
RT: 2.572 min Scan# 388
Delta R.T. -0.016 min
Lab File: VU046380.D
Acq: 15 Dec 2021 00:24

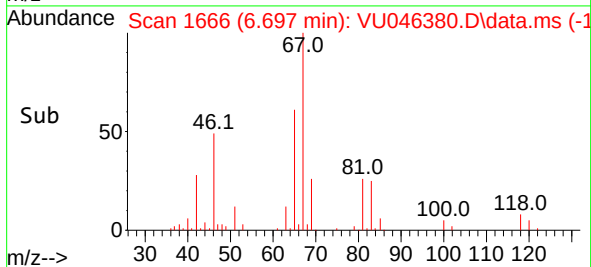
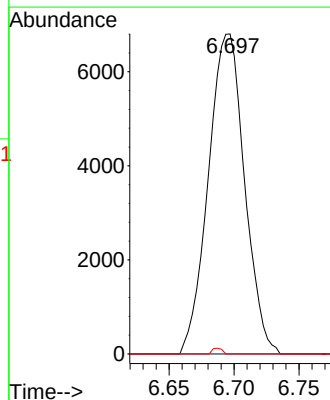
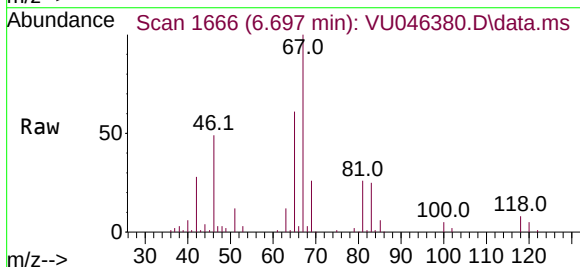
Instrument :
MSVOA_U
ClientSampleId :
C00W5

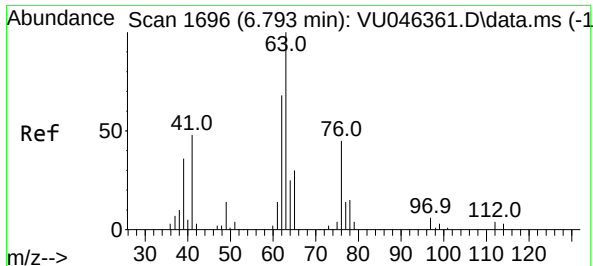
Tgt Ion:101 Resp: 459
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#35
Methylcyclohexane
Concen: 6.994 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046380.D
Acq: 15 Dec 2021 00:24

Tgt Ion: 83 Resp: 13190
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.062 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046380.D

Acq: 15 Dec 2021 00:24

Instrument :

MSVOA_U

ClientSampleId :

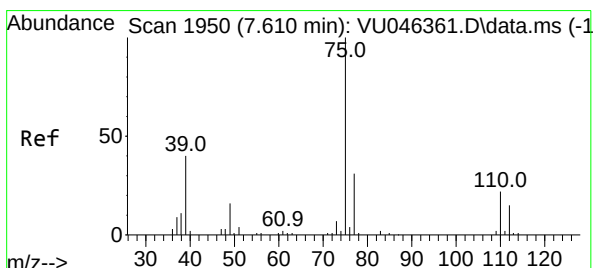
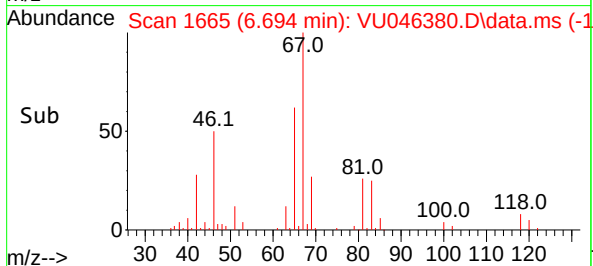
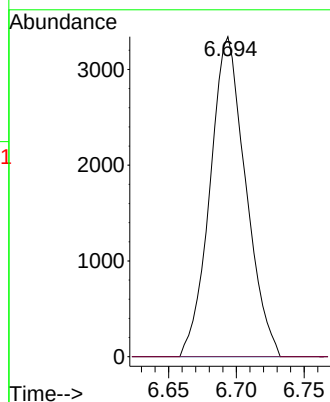
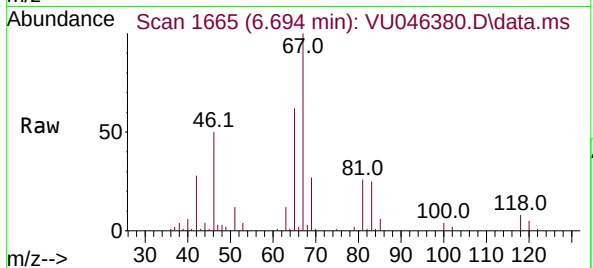
C00W5

Tgt Ion: 63 Resp: 6122

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046380.D

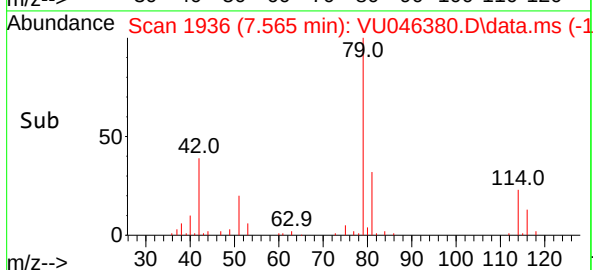
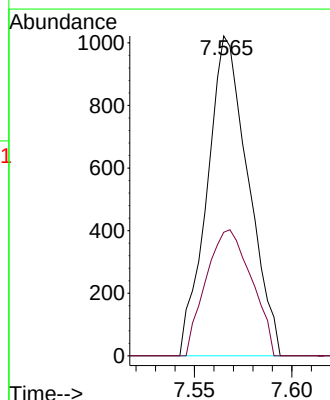
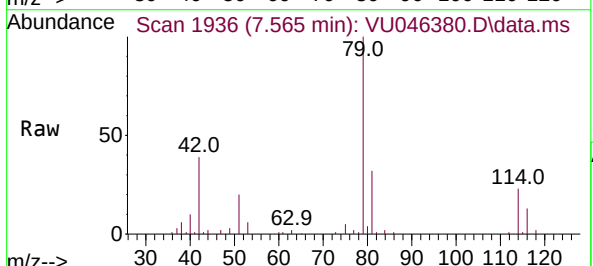
Acq: 15 Dec 2021 00:24

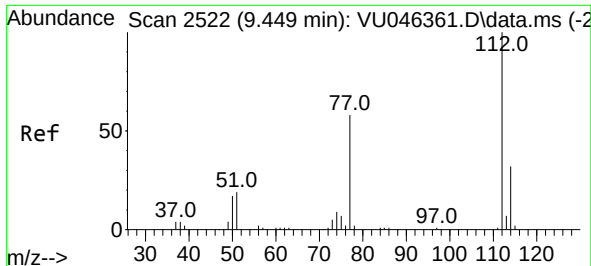
Tgt Ion: 75 Resp: 1500

Ion Ratio Lower Upper

75 100

77 38.6 21.8 40.6

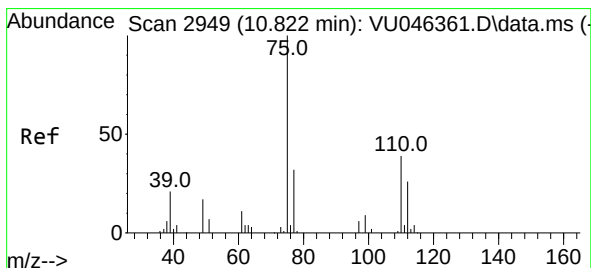
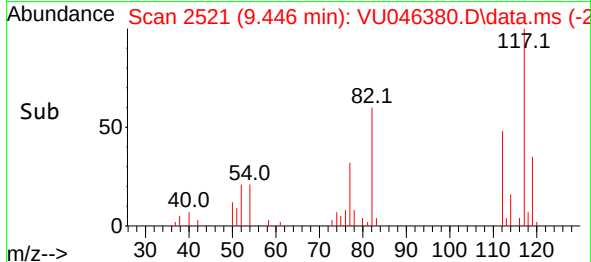
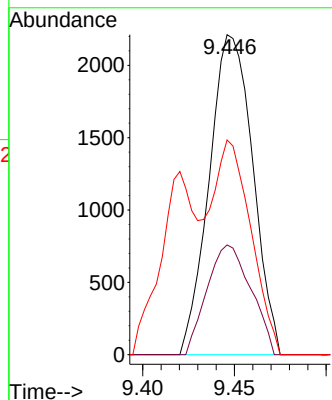
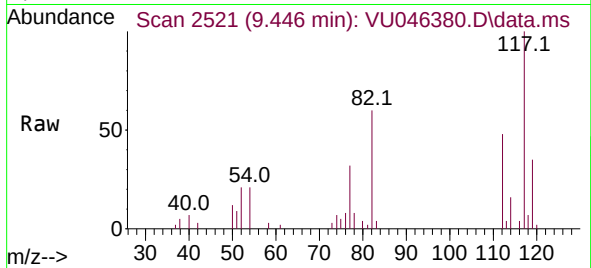




#51
Chlorobenzene
Concen: 1.141 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046380.D
Acq: 15 Dec 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
C00W5

Tgt Ion:112 Resp: 3656
Ion Ratio Lower Upper
112 100
114 34.3 22.2 41.2
77 67.1 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.618 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046380.D
Acq: 15 Dec 2021 00:24

Tgt Ion: 75 Resp: 9180
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 1.9 32.4 48.6#

