

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046540.D
 Acq On : 21 Dec 2021 22:09
 Operator : SY/MD
 Sample : M5149-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

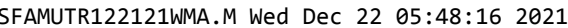
Instrument :
 MSVOA_U
 ClientSampleId :

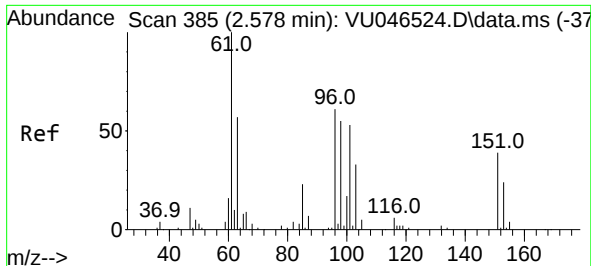
Quant Time: Dec 22 05:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	68599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	67460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29857	5.526	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.600%		
7) Chloroethane-d5	1.919	69	24774	5.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.400%		
11) 1,1-Dichloroethene-d2	2.575	65	13701	6.013	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 120.200%		
20) 2-Butanone-d5	4.655	46	98698	62.972	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 125.940%		
24) Chloroform-d	5.070	84	57641	5.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.400%		
26) 1,2-Dichloroethane-d4	5.706	65	34965	6.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 123.600%		
32) Benzene-d6	5.732	84	112345	5.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 119.400%		
36) 1,2-Dichloropropane-d6	6.693	67	35074	6.207	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 124.200%		
41) Toluene-d8	7.899	98	93894	5.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.000%		
43) trans-1,3-Dichloroprop...	8.182	79	14438	5.524	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.400%		
46) 2-Hexanone-d5	8.639	63	91282	59.490	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33325	5.746	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	34574	6.252	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 125.000%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	347	0.059	ug/L #	21
35) Methylcyclohexane	6.693	83	8532	0.856	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	3808	0.557	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	940	0.091	ug/L #	82
61) 1,2,3-Trichloropropane	11.812	75	3519	0.706	ug/L #	66

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.059 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

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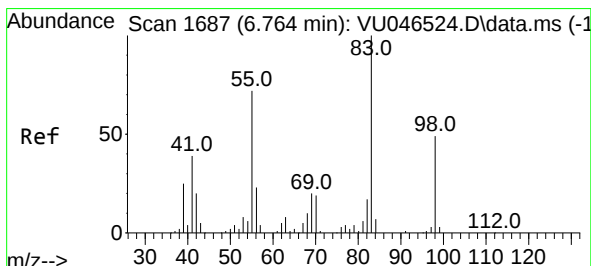
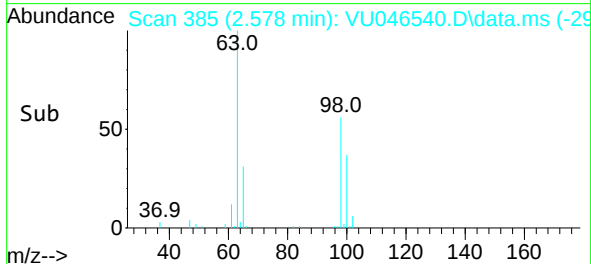
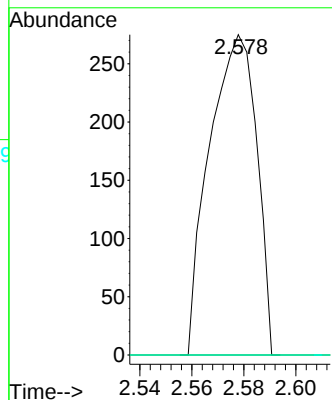
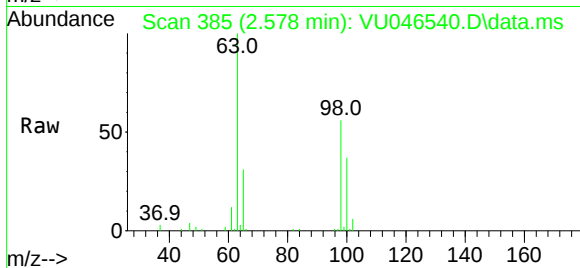
Tgt Ion:101 Resp: 347

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#35

Methylcyclohexane

Concen: 0.856 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU046540.D

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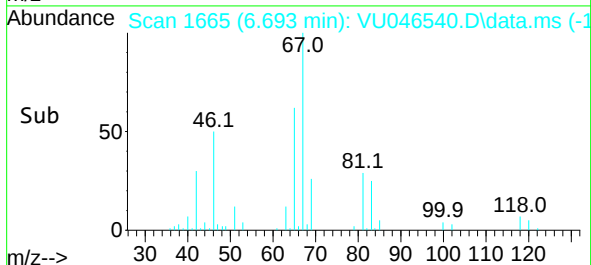
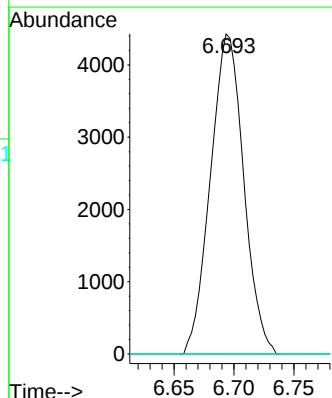
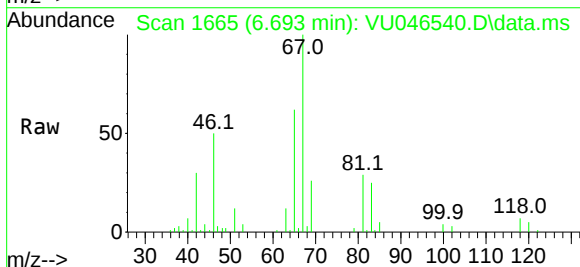
Tgt Ion: 83 Resp: 8532

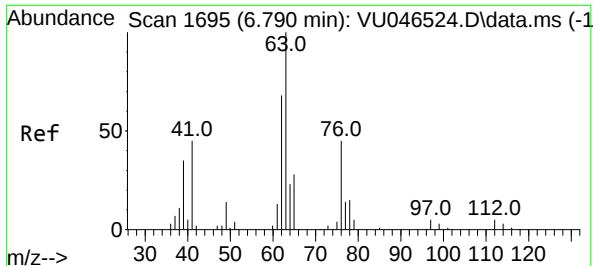
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046540.D

Acq: 21 Dec 2021 22:09

Instrument :

MSVOA_U

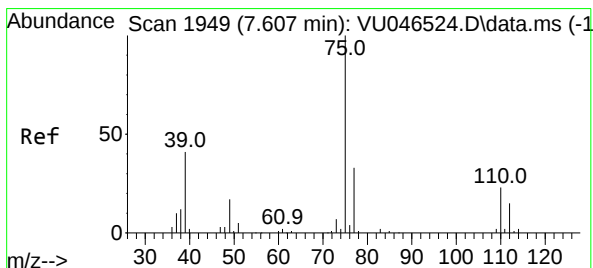
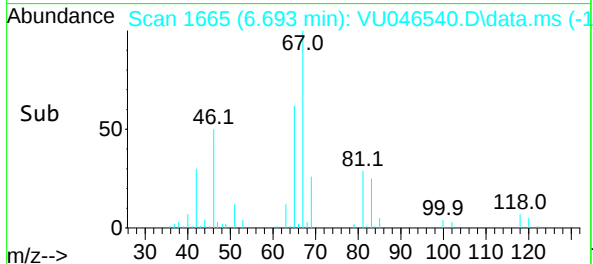
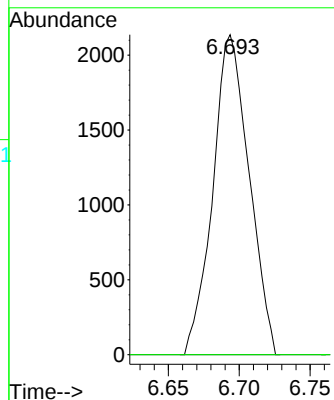
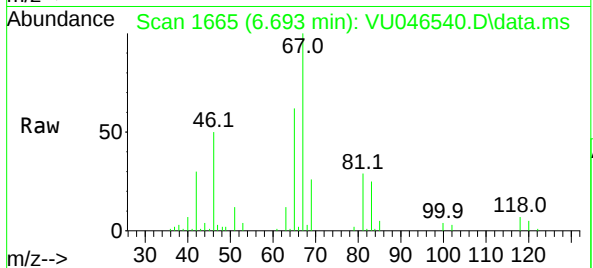
ClientSampleId :

Tgt Ion: 63 Resp: 3808

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.035 min

Lab File: VU046540.D

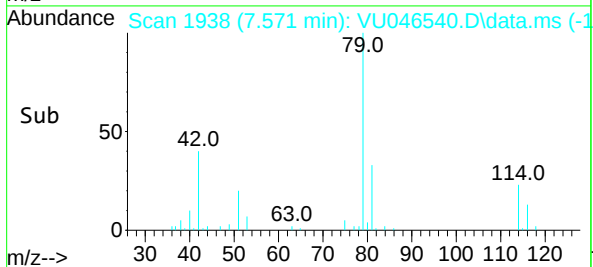
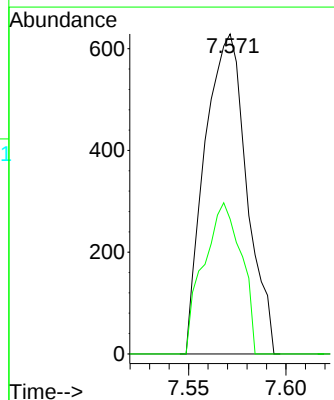
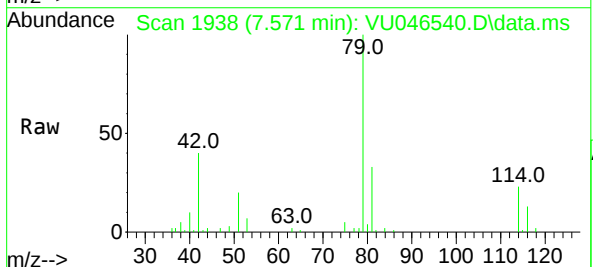
Acq: 21 Dec 2021 22:09

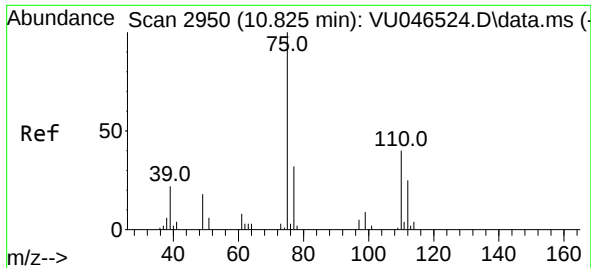
Tgt Ion: 75 Resp: 940

Ion Ratio Lower Upper

75 100

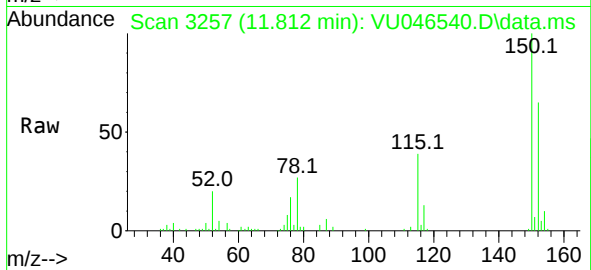
77 42.1 22.5 41.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.706 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046540.D
 Acq: 21 Dec 2021 22:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3519
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.4 25.5 38.3

