

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049002.D
 Acq On : 10 Jun 2022 17:26
 Operator : SY/MD
 Sample : N3254-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF3

Quant Time: Jun 11 02:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

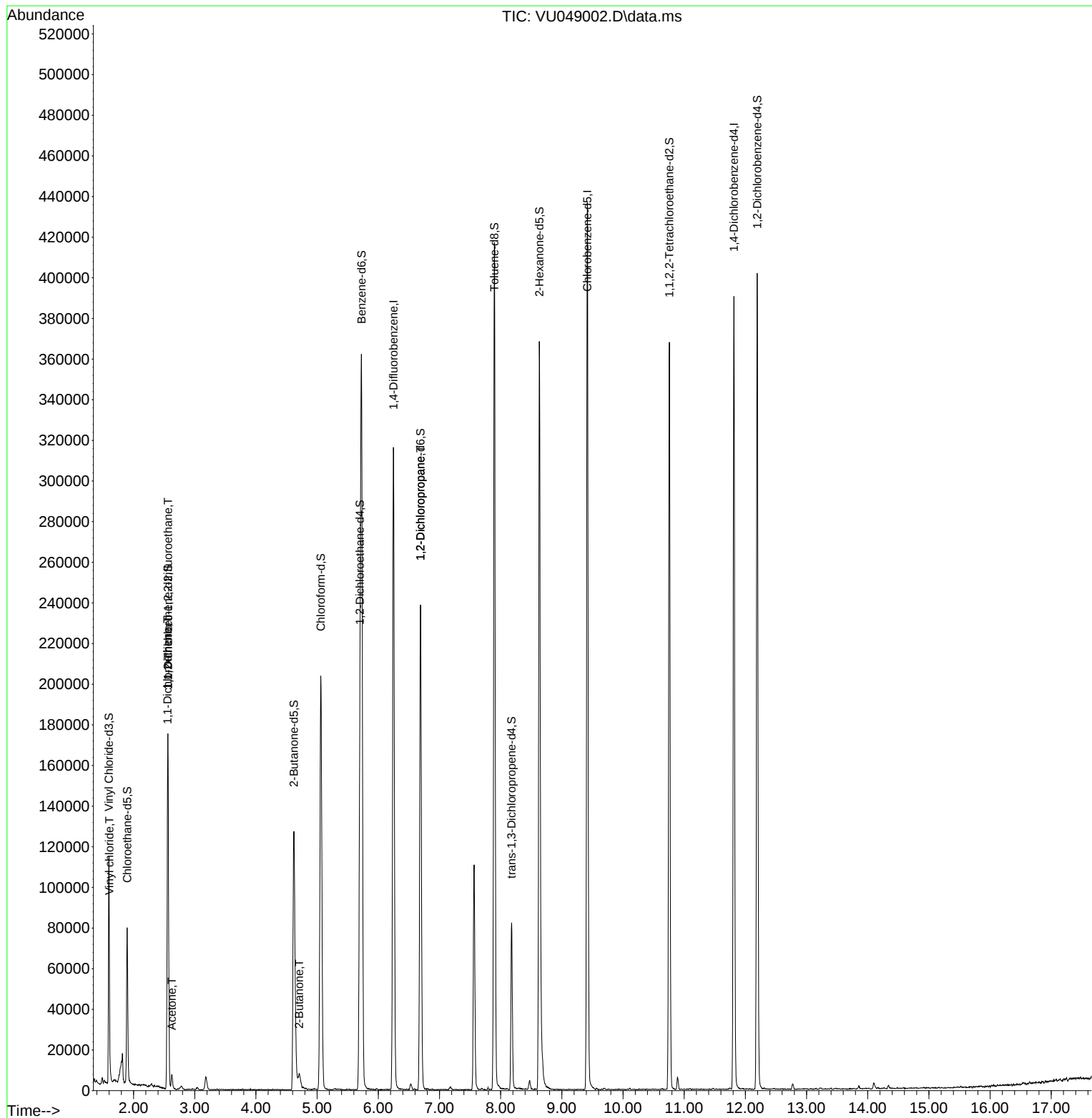
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	255191	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79381	50.494	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 100.980%		
7) Chloroethane-d5	1.896	69	58329	50.532	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 101.060%		
11) 1,1-Dichloroethene-d2	2.562	63	107121	36.111	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 72.220%		
21) 2-Butanone-d5	4.620	46	182847	106.082	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 106.080%		
24) Chloroform-d	5.060	84	173903	51.854	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.700%		
26) 1,2-Dichloroethane-d4	5.700	65	122136	56.213	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.420%		
32) Benzene-d6	5.726	84	329859	56.168	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.340%		
36) 1,2-Dichloropropane-d6	6.690	67	114712	58.104	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 116.200%		
41) Toluene-d8	7.896	98	276260	53.340	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.680%		
43) trans-1,3-Dichloroprop...	8.179	79	45691	49.194	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 98.380%		
47) 2-Hexanone-d5	8.632	63	115571	111.849	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 111.850%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176709	53.590	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.180%		
66) 1,2-Dichlorobenzene-d4	12.195	152	106610	58.037	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 116.080%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	1281	0.569	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1056	0.587	ug/L #	19
12) 1,1-Dichloroethene	2.555	96	1036	0.658	ug/L #	1
13) Acetone	2.626	43	8168	6.022	ug/L	97
22) 2-Butanone	4.706	43	9356	4.489	ug/L	97
37) 1,2-Dichloropropane	6.690	63	12760	5.897	ug/L #	89

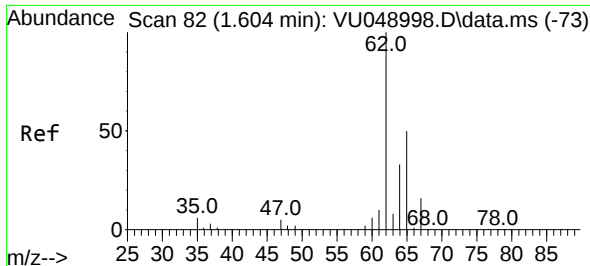
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

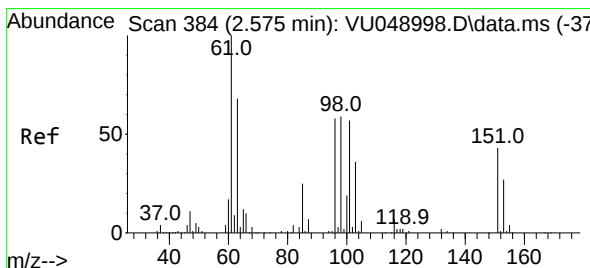
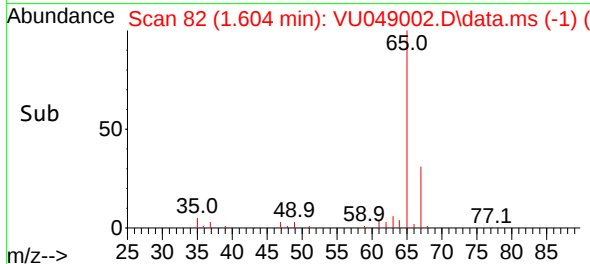
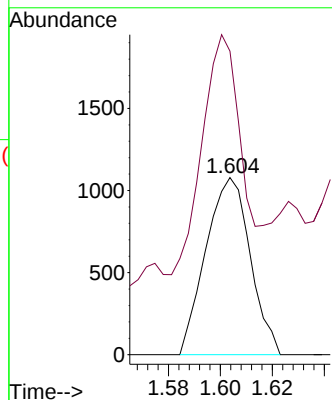
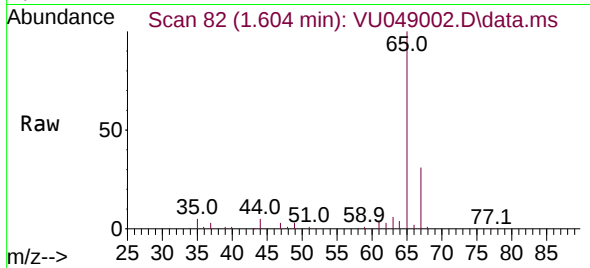




#5
 Vinyl chloride
 Concen: 0.569 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049002.D
 Acq: 10 Jun 2022 17:26

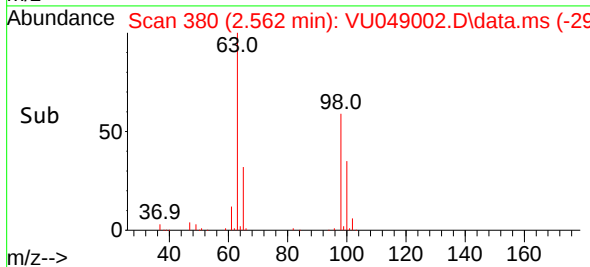
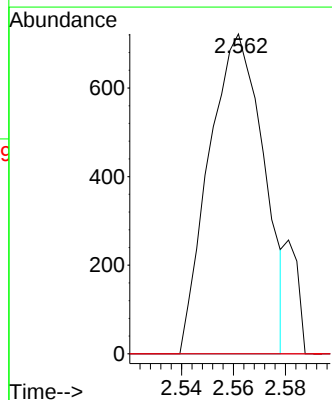
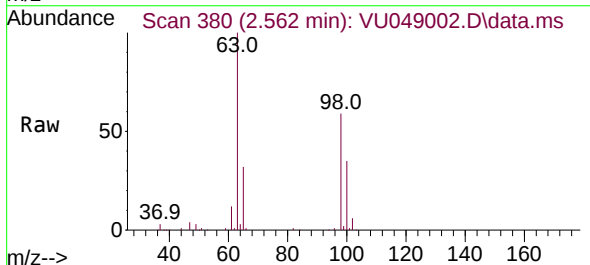
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF3

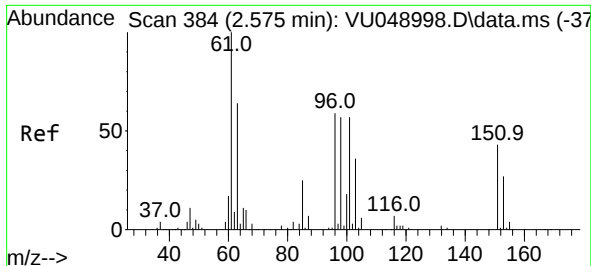
Tgt Ion: 62 Resp: 1281
 Ion Ratio Lower Upper
 62 100
 64 171.4 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.587 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU049002.D
 Acq: 10 Jun 2022 17:26

Tgt Ion: 101 Resp: 1056
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU049002.D

Acq: 10 Jun 2022 17:26

Instrument :

MSVOA_U

ClientSampleId :

C0DF3

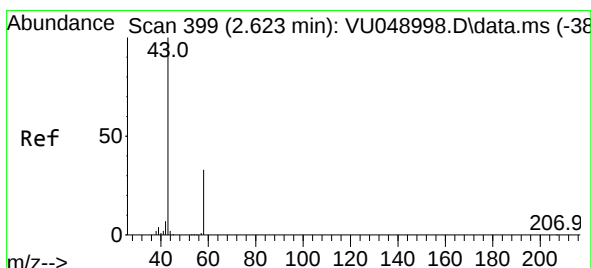
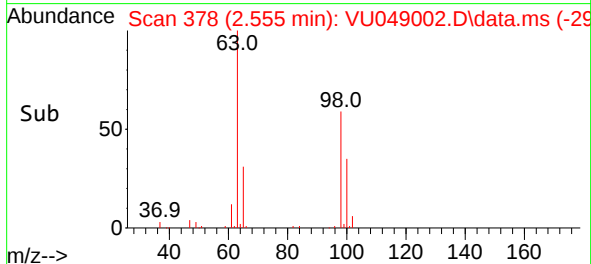
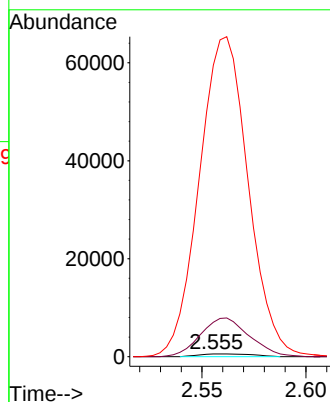
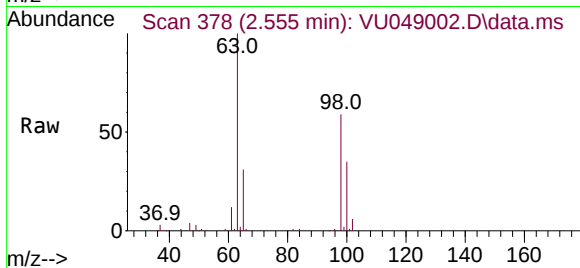
Tgt Ion: 96 Resp: 1036

Ion Ratio Lower Upper

96 100

61 1220.0 123.5 229.3#

63 10344.3 86.0 159.8#



#13

Acetone

Concen: 6.022 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU049002.D

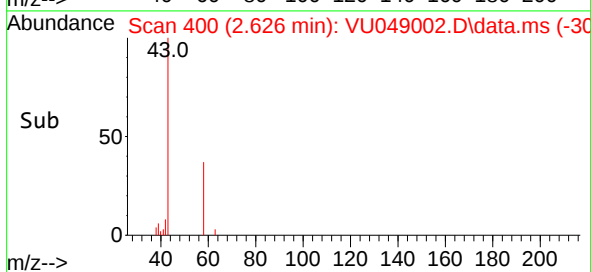
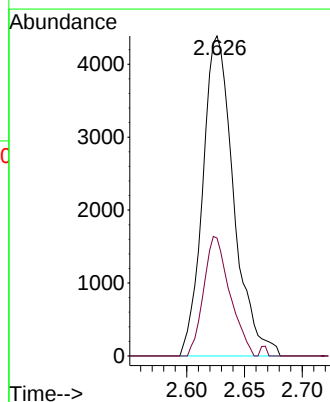
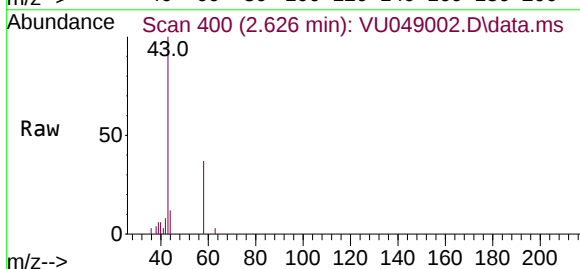
Acq: 10 Jun 2022 17:26

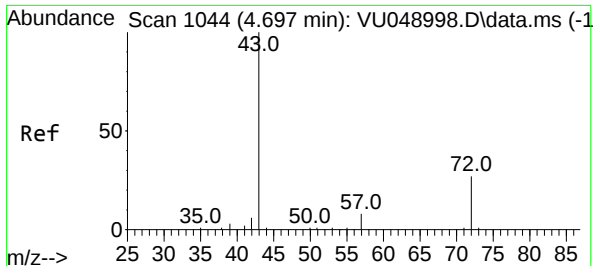
Tgt Ion: 43 Resp: 8168

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.4





#22

2-Butanone

Concen: 4.489 ug/L

RT: 4.706 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU049002.D

Acq: 10 Jun 2022 17:26

Instrument :

MSVOA_U

ClientSampleId :

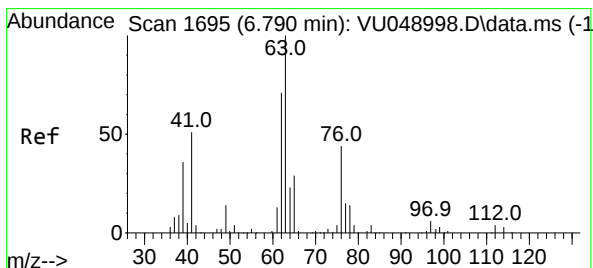
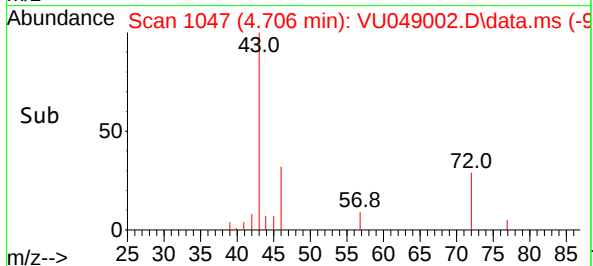
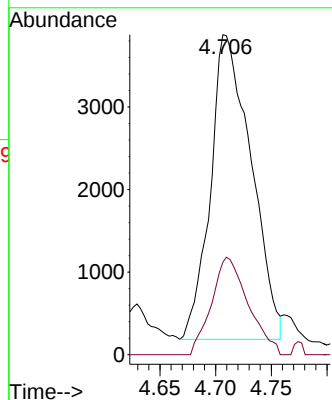
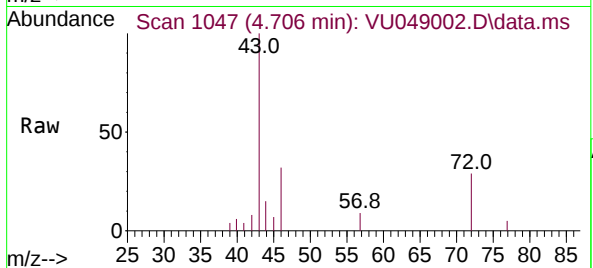
C0DF3

Tgt Ion: 43 Resp: 9356

Ion Ratio Lower Upper

43 100

72 28.9 13.7 41.0



#37

1,2-Dichloropropane

Concen: 5.897 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049002.D

Acq: 10 Jun 2022 17:26

Tgt Ion: 63 Resp: 12760

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#

