

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052909.D
 Acq On : 01 Feb 2023 16:42
 Operator : JC/MD
 Sample : 01381-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N5

Quant Time: Feb 01 20:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

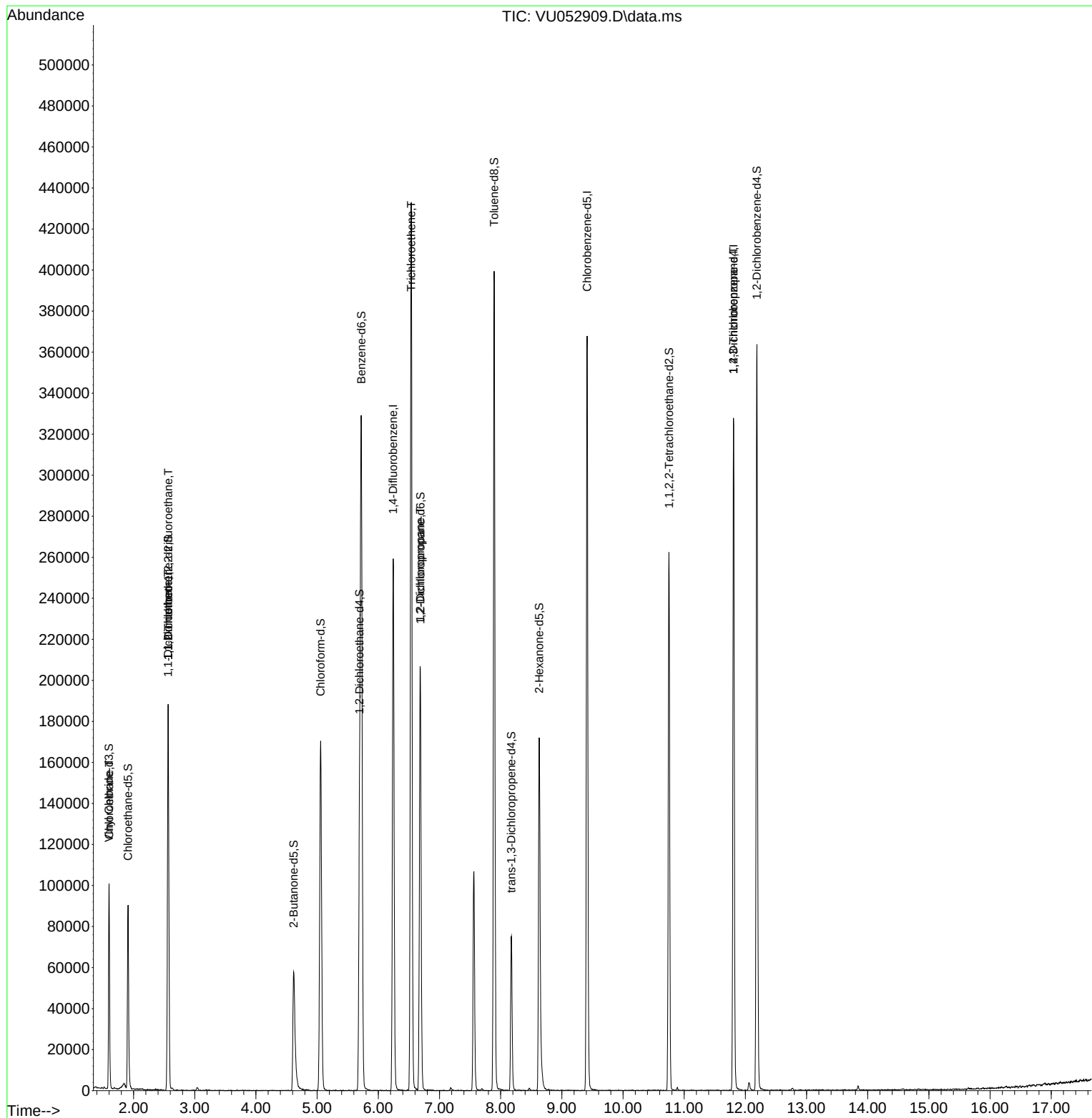
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	216017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	93617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73136	47.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.080%		
7) Chloroethane-d5	1.909	69	68390	53.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.760%		
11) 1,1-Dichloroethene-d2	2.565	63	109801	35.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.020%		
21) 2-Butanone-d5	4.617	46	83742	87.188	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.190%		
24) Chloroform-d	5.057	84	164069	49.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.900%		
26) 1,2-Dichloroethane-d4	5.694	65	107813	50.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.780%		
32) Benzene-d6	5.723	84	308302	48.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
36) 1,2-Dichloropropane-d6	6.687	67	93887	50.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.480%		
41) Toluene-d8	7.893	98	264549	45.593	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.180%		
43) trans-1,3-Dichloroprop...	8.173	79	43699	46.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.300%		
47) 2-Hexanone-d5	8.629	63	54375	82.805	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.800%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	122868	44.498	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.000%		
66) 1,2-Dichlorobenzene-d4	12.189	152	99105	54.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.040%		
Target Compounds						
					Qvalue	
8) Chloroethane	1.601	64	967	0.834	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1066	0.612	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	906	0.567	ug/L #	1
34) Trichloroethene	6.536	95	143329	79.426	ug/L	96
37) 1,2-Dichloropropane	6.684	63	10694	6.127	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	9826	5.411	ug/L #	66

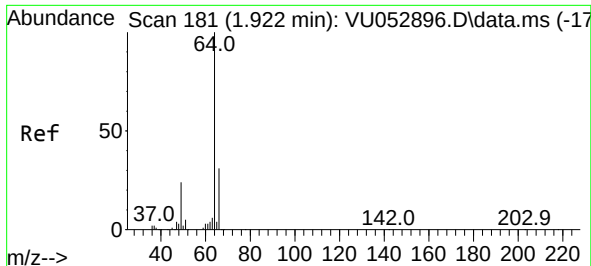
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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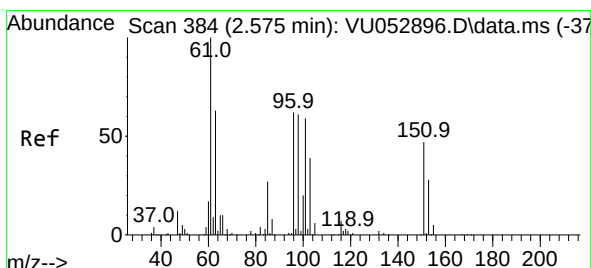
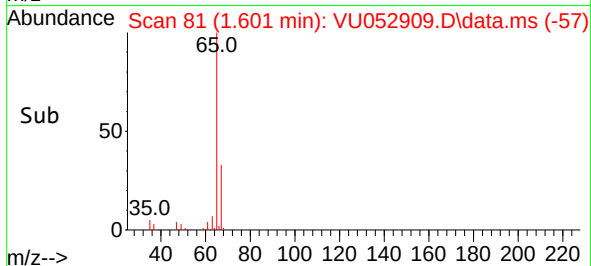
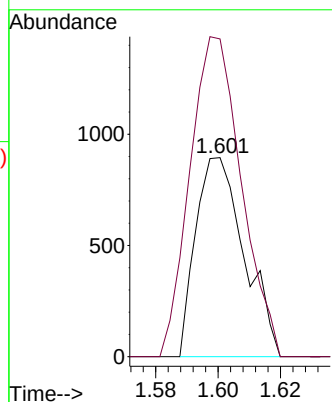
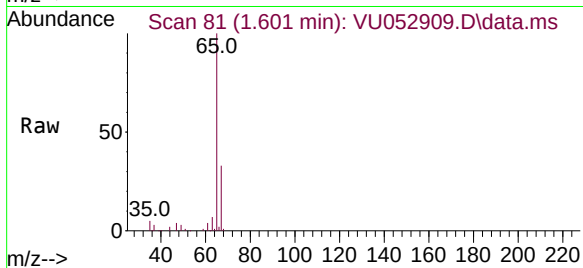




#8
Chloroethane
Concen: 0.834 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.321 min
Lab File: VU052909.D
Acq: 01 Feb 2023 16:42

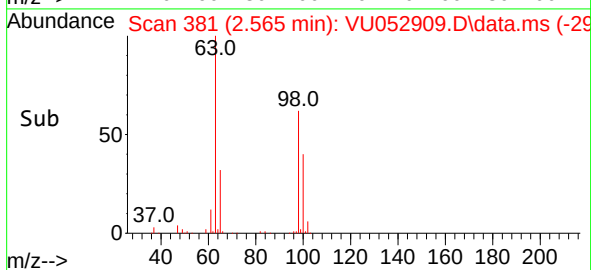
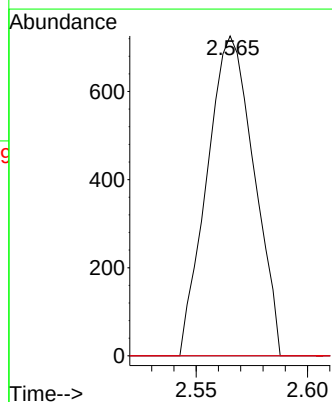
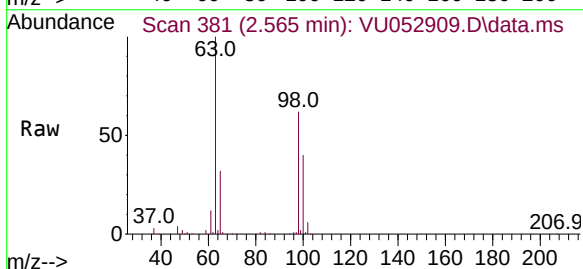
Instrument :
MSVOA_U
ClientSampleId :
A44N5

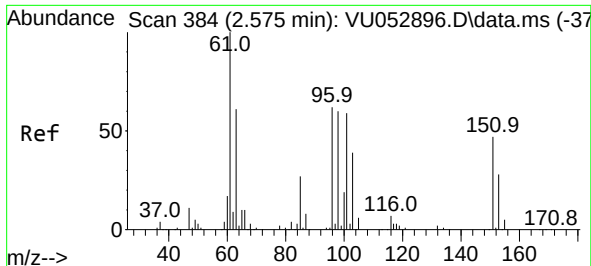
Tgt Ion: 64 Resp: 967
Ion Ratio Lower Upper
64 100
66 159.7 24.1 44.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.612 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU052909.D
Acq: 01 Feb 2023 16:42

Tgt Ion: 101 Resp: 1066
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 62.6 94.0#





#12

1,1-Dichloroethene

Concen: 0.567 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU052909.D

Acq: 01 Feb 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

A44N5

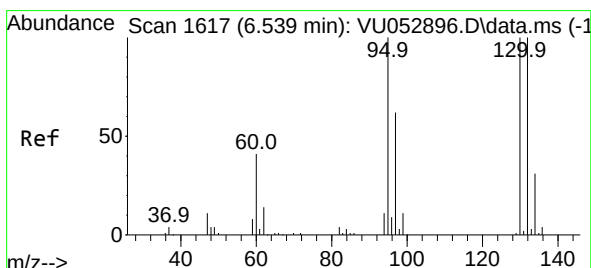
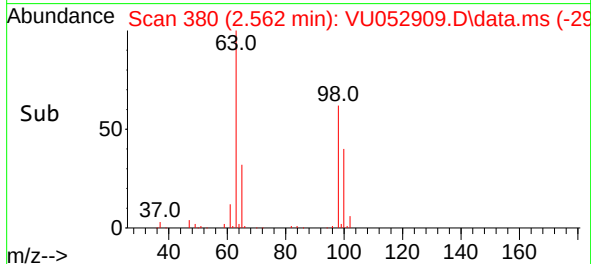
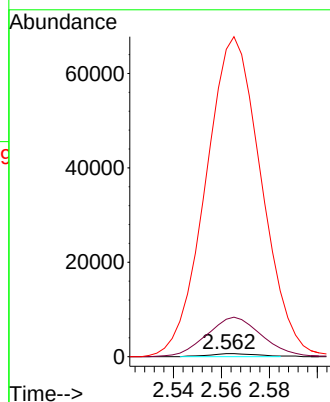
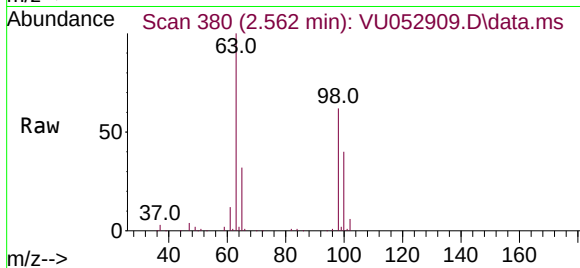
Tgt Ion: 96 Resp: 906

Ion Ratio Lower Upper

96 100

61 1247.3 114.3 212.3#

63 10239.0 80.6 149.6#



#34

Trichloroethene

Concen: 79.426 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052909.D

Acq: 01 Feb 2023 16:42

Tgt Ion: 95 Resp: 143329

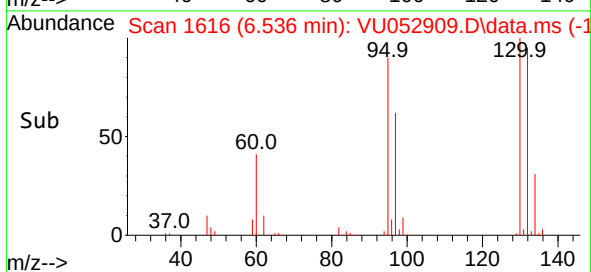
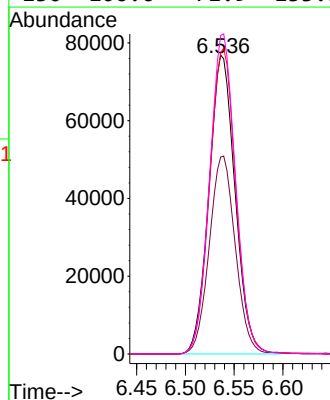
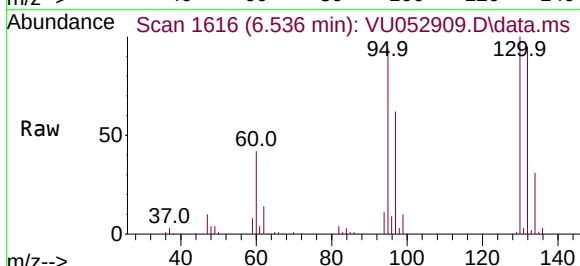
Ion Ratio Lower Upper

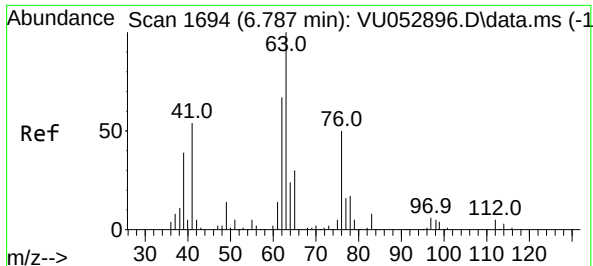
95 100

97 65.9 44.5 82.7

132 100.7 66.8 124.0

130 106.6 71.9 133.5





#37

1,2-Dichloropropane

Concen: 6.127 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052909.D

Acq: 01 Feb 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

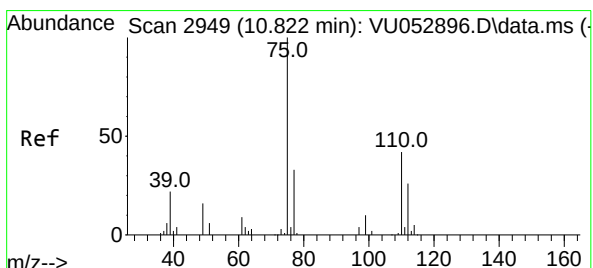
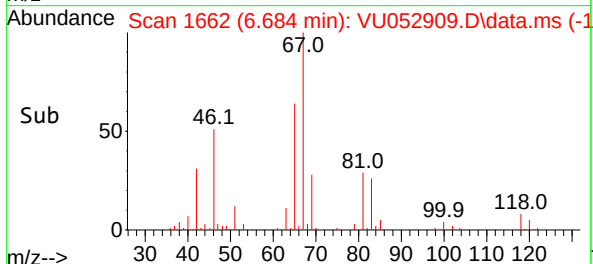
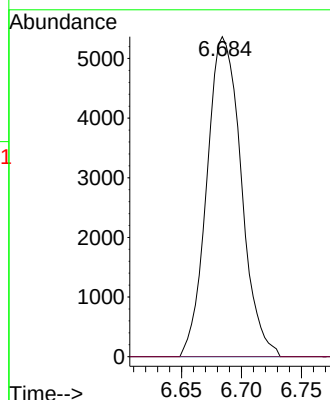
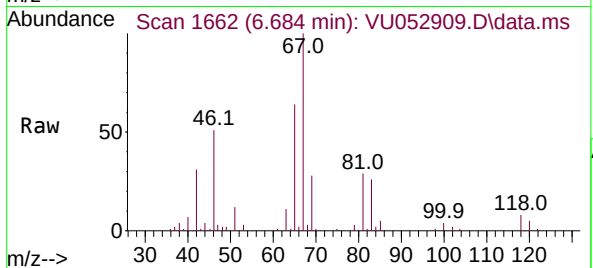
A44N5

Tgt Ion: 63 Resp: 10694

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.411 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU052909.D

Acq: 01 Feb 2023 16:42

Tgt Ion: 75 Resp: 9826

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

110 2.4 32.4 48.6#

