

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050905.D
 Acq On : 22 Sep 2022 18:02
 Operator : JC/MD
 Sample : N4747-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A1

Quant Time: Sep 23 01:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

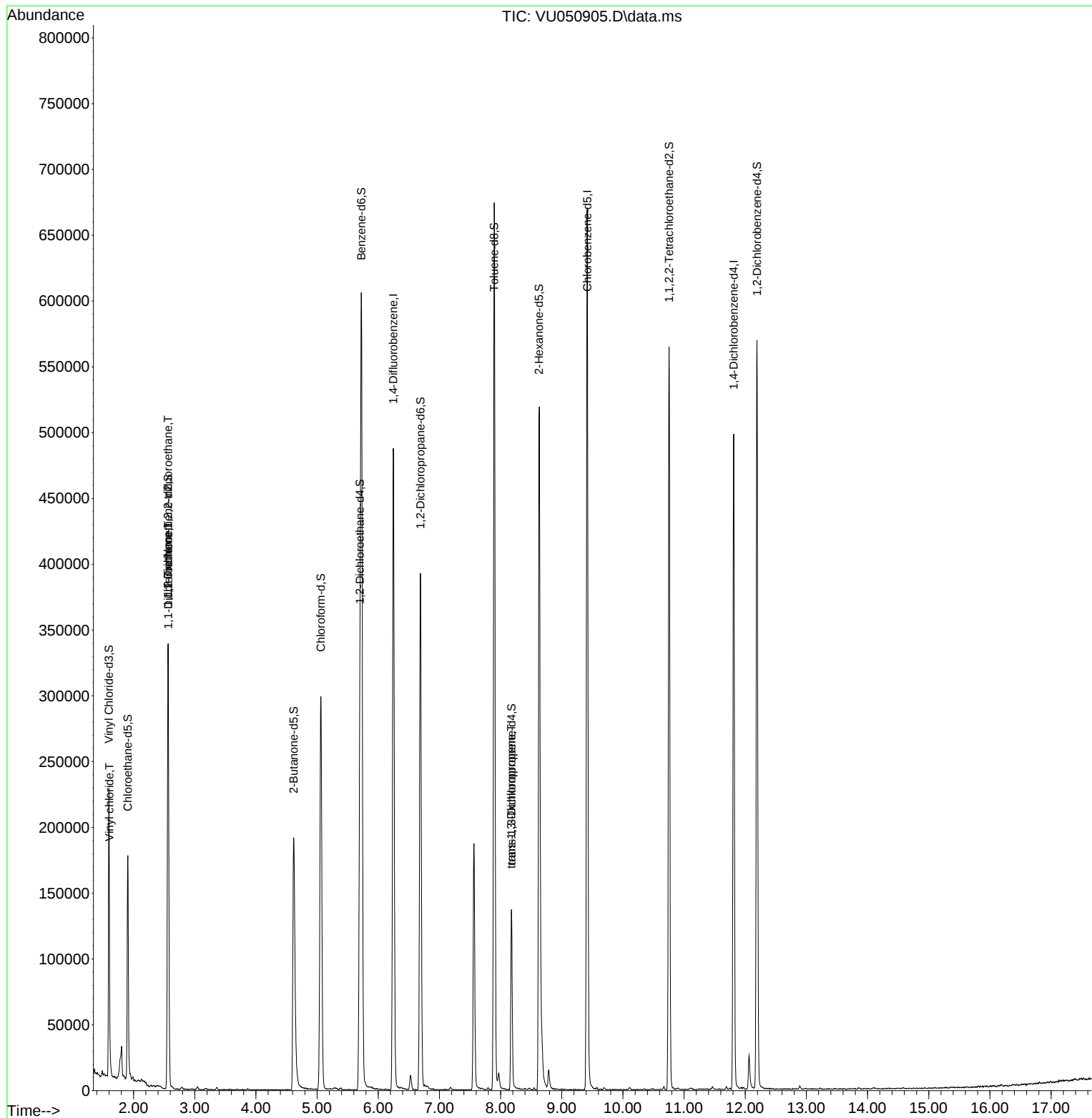
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	381068	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	372770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131013	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161313	40.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.720%		
7) Chloroethane-d5	1.906	69	128314	45.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.260%		
11) 1,1-Dichloroethene-d2	2.565	63	197955	32.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.440%		
21) 2-Butanone-d5	4.616	46	276330	108.412	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.410%		
24) Chloroform-d	5.060	84	280711	45.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.740%		
26) 1,2-Dichloroethane-d4	5.700	65	181355	47.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
32) Benzene-d6	5.726	84	559415	45.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.120%		
36) 1,2-Dichloropropane-d6	6.690	67	189509	45.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.460%		
41) Toluene-d8	7.896	98	445154	41.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	8.179	79	77477	42.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.940%		
47) 2-Hexanone-d5	8.629	63	156834	91.827	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.830%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284755	45.066	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	147329	53.709	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.420%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1942	0.432	ug/L #	7
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2291	0.735	ug/L #	27
12) 1,1-Dichloroethene	2.568	96	1896	0.647	ug/L #	1
44) trans-1,3-Dichloropropene	8.176	75	3392	0.710	ug/L #	82

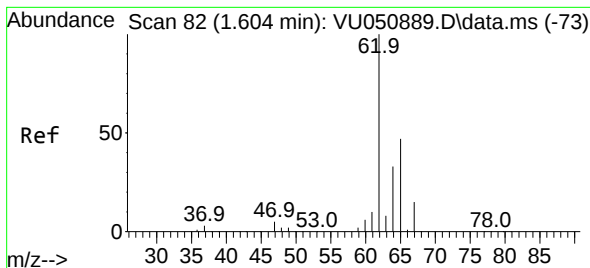
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.432 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050905.D

Acq: 22 Sep 2022 18:02

Instrument :

MSVOA_U

ClientSampleId :

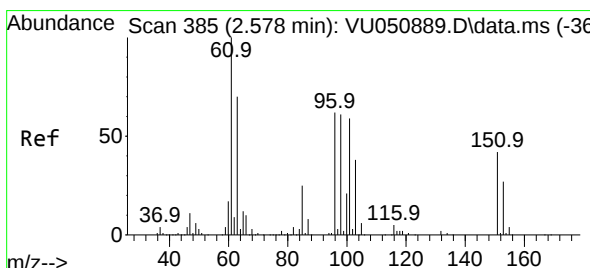
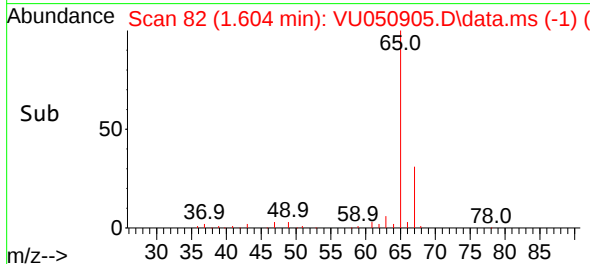
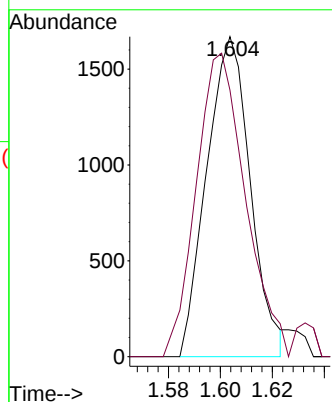
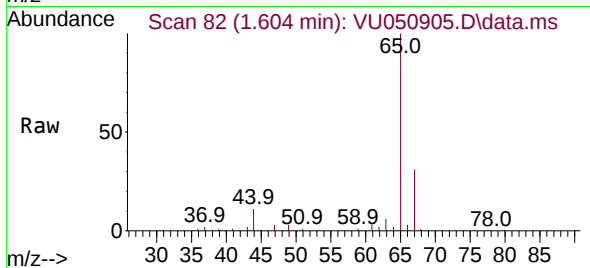
E45A1

Tgt Ion: 62 Resp: 1942

Ion Ratio Lower Upper

62 100

64 83.3 22.2 41.2#



#10

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

Concen: 0.735 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050905.D

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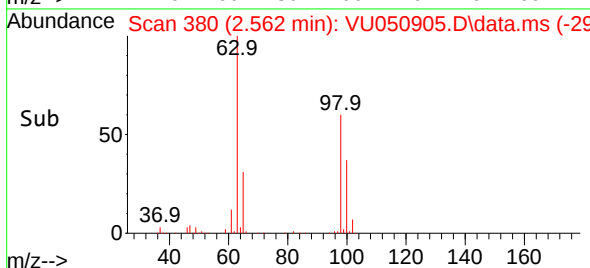
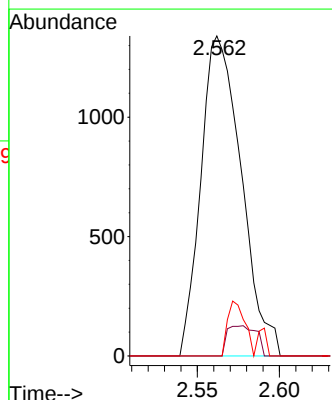
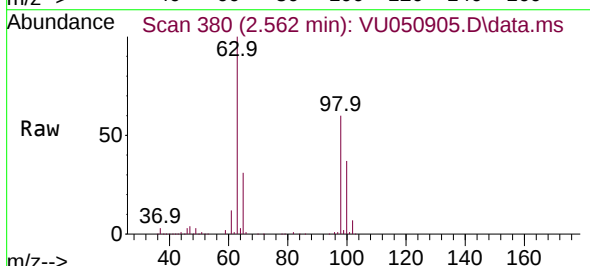
Tgt Ion: 101 Resp: 2291

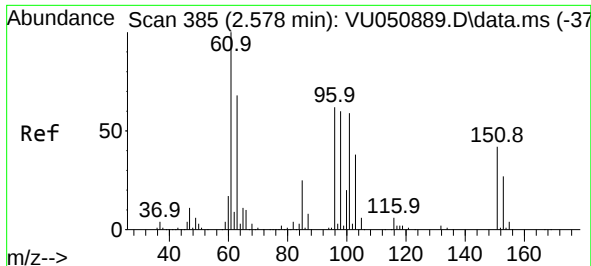
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 7.2 56.6 84.8#

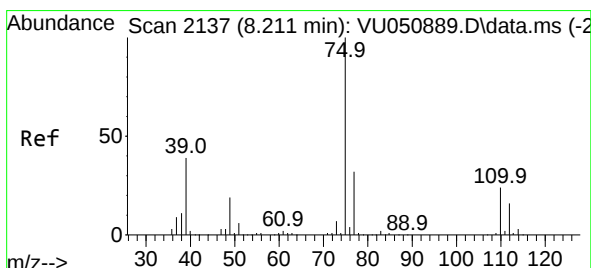
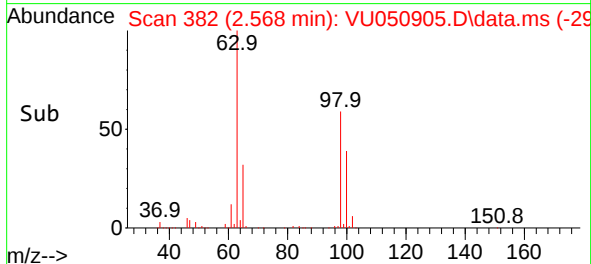
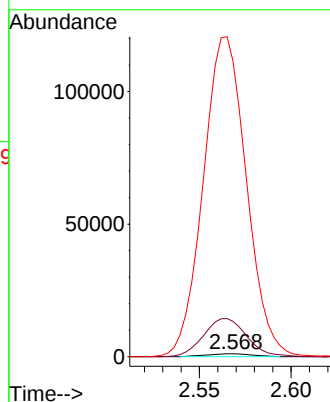
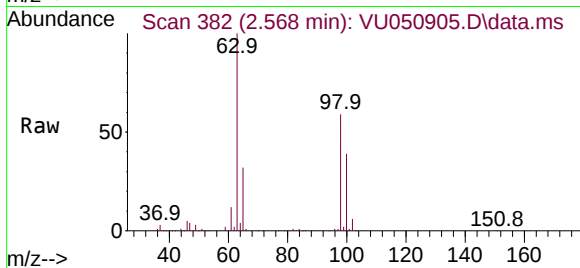




#12
1,1-Dichloroethene
Concen: 0.647 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
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E45A1

Tgt Ion: 96 Resp: 1896
Ion Ratio Lower Upper
96 100
61 1206.9 118.6 220.2#
63 10078.1 90.4 168.0#



#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.035 min
Lab File: VU050905.D
Acq: 22 Sep 2022 18:02

Tgt Ion: 75 Resp: 3392
Ion Ratio Lower Upper
75 100
77 41.0 21.9 40.7#

