

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050927.D
 Acq On : 23 Sep 2022 18:18
 Operator : JC/MD
 Sample : N4651-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

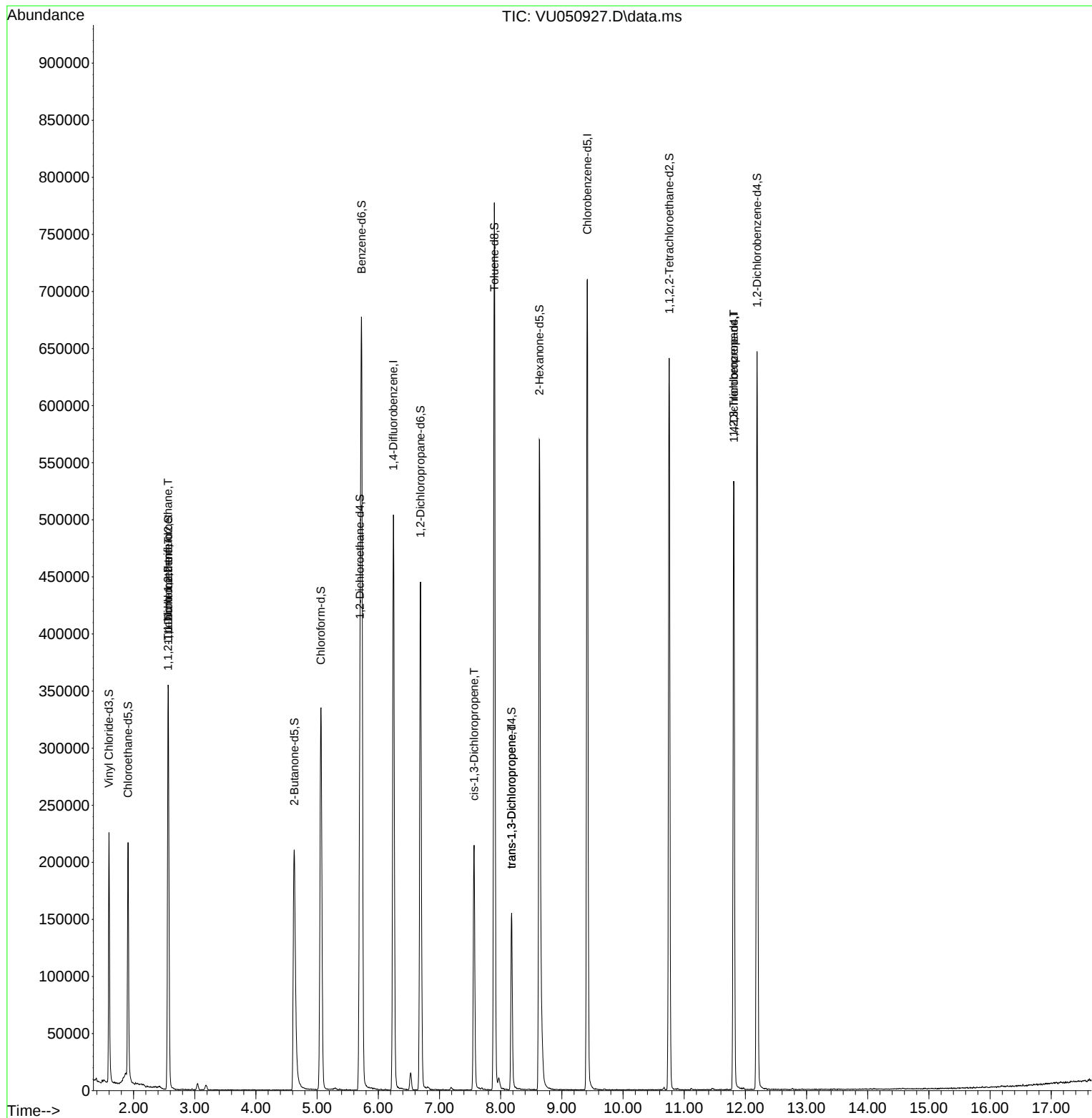
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	397658	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	164639	39.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.909	69	146653	49.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.960%		
11) 1,1-Dichloroethene-d2	2.565	63	211996	33.069	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.140%		
21) 2-Butanone-d5	4.626	46	322402	121.210	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.210%		
24) Chloroform-d	5.060	84	315540	48.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
26) 1,2-Dichloroethane-d4	5.700	65	210918	53.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.020%		
32) Benzene-d6	5.726	84	625199	47.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
36) 1,2-Dichloropropane-d6	6.690	67	220547	50.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.260%		
41) Toluene-d8	7.896	98	510370	44.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
43) trans-1,3-Dichloroprop...	8.179	79	89356	46.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.380%		
47) 2-Hexanone-d5	8.632	63	176223	97.199	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.200%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	328296	48.945	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168978	57.837	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.680%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2139	0.657	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1668	0.546	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4726	0.886	ug/L #	48
44) trans-1,3-Dichloropropene	8.179	75	3669	0.723	ug/L #	74
60) 1,2,3-Trichloropropane	11.809	75	17689	4.507	ug/L #	68

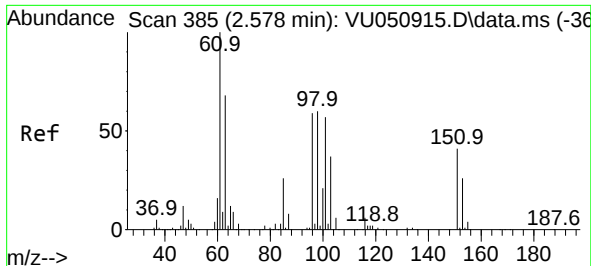
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration





#10

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

Concen: 0.657 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

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ClientSampleId :

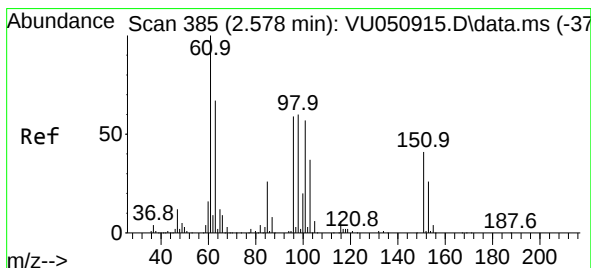
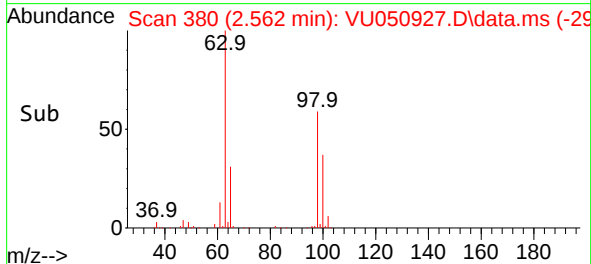
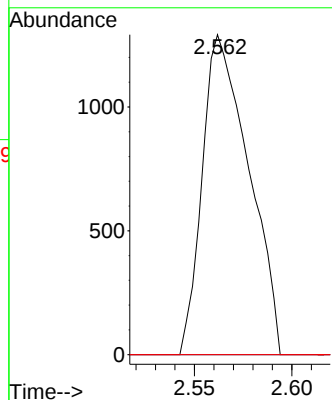
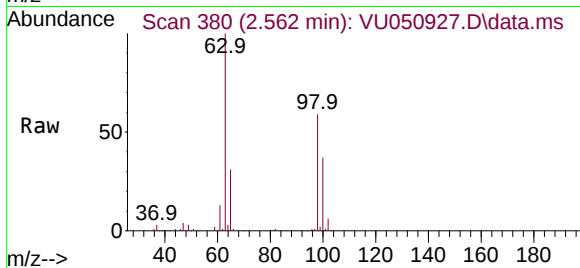
Tgt Ion:101 Resp: 2139

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 56.6 84.8#



#12

1,1-Dichloroethene

Concen: 0.546 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

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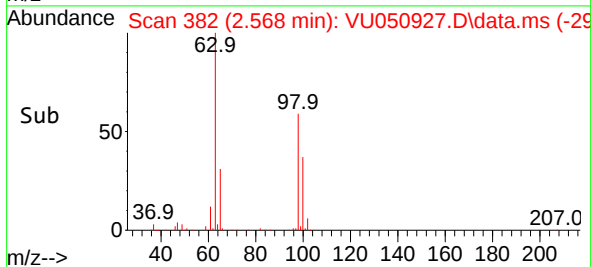
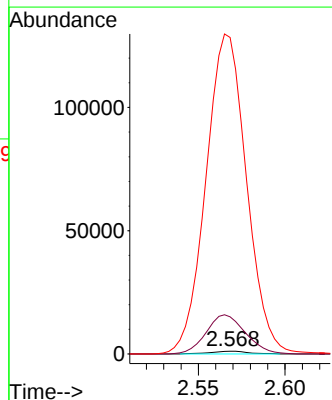
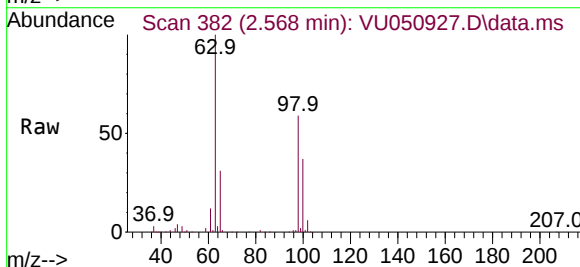
Tgt Ion: 96 Resp: 1668

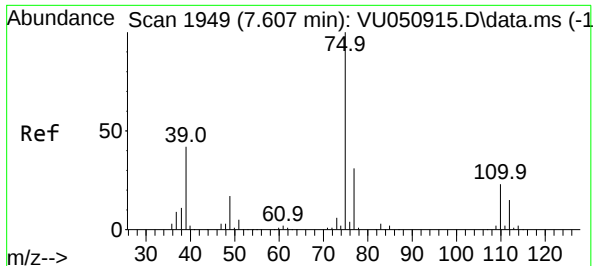
Ion Ratio Lower Upper

96 100

61 1353.5 118.6 220.2#

63 11523.2 90.4 168.0#





#39

cis-1,3-Dichloropropene

Concen: 0.886 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

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Instrument :

MSVOA_U

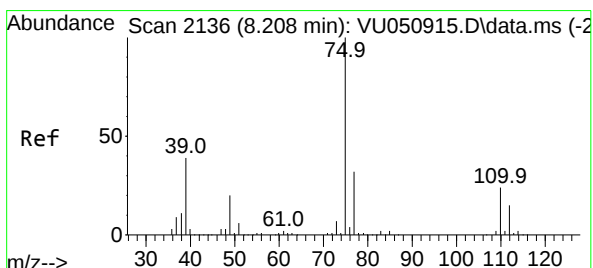
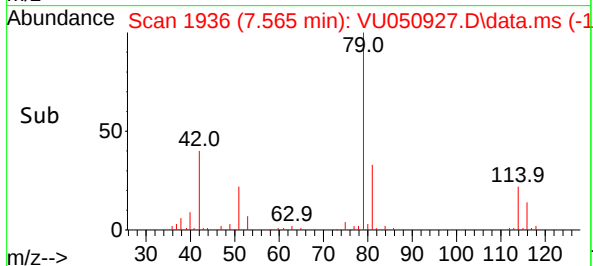
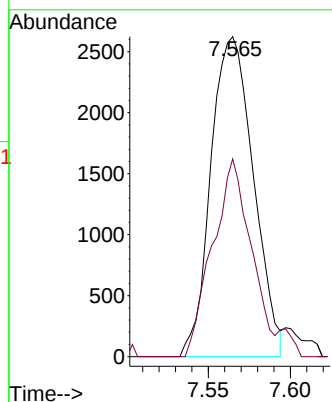
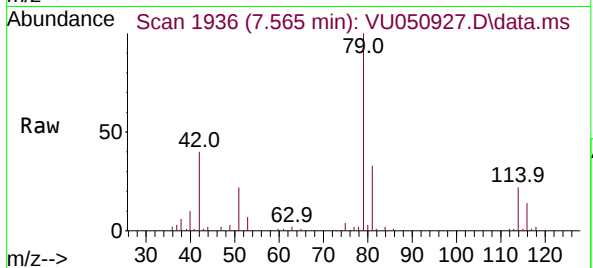
ClientSampleId :

Tgt Ion: 75 Resp: 4726

Ion Ratio Lower Upper

75 100

77 61.8 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050927.D

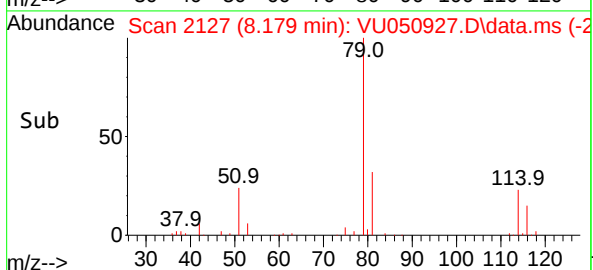
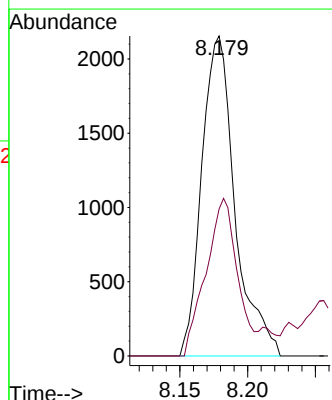
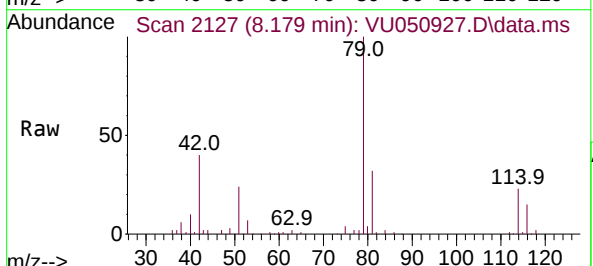
Acq: 23 Sep 2022 18:18

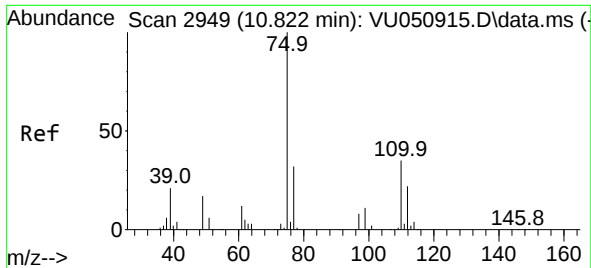
Tgt Ion: 75 Resp: 3669

Ion Ratio Lower Upper

75 100

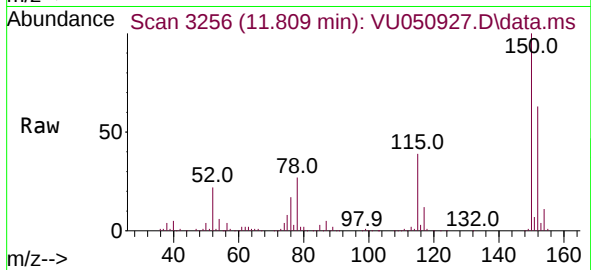
77 45.9 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 4.507 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050927.D
 Acq: 23 Sep 2022 18:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	17689
Ion	Ratio	Lower Upper
75	100	
77	34.2	26.2 39.4
110	1.1	28.6 43.0#

