

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050904.D
 Acq On : 22 Sep 2022 17:38
 Operator : JC/MD
 Sample : N4747-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A2

Quant Time: Sep 23 01:12:30 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)

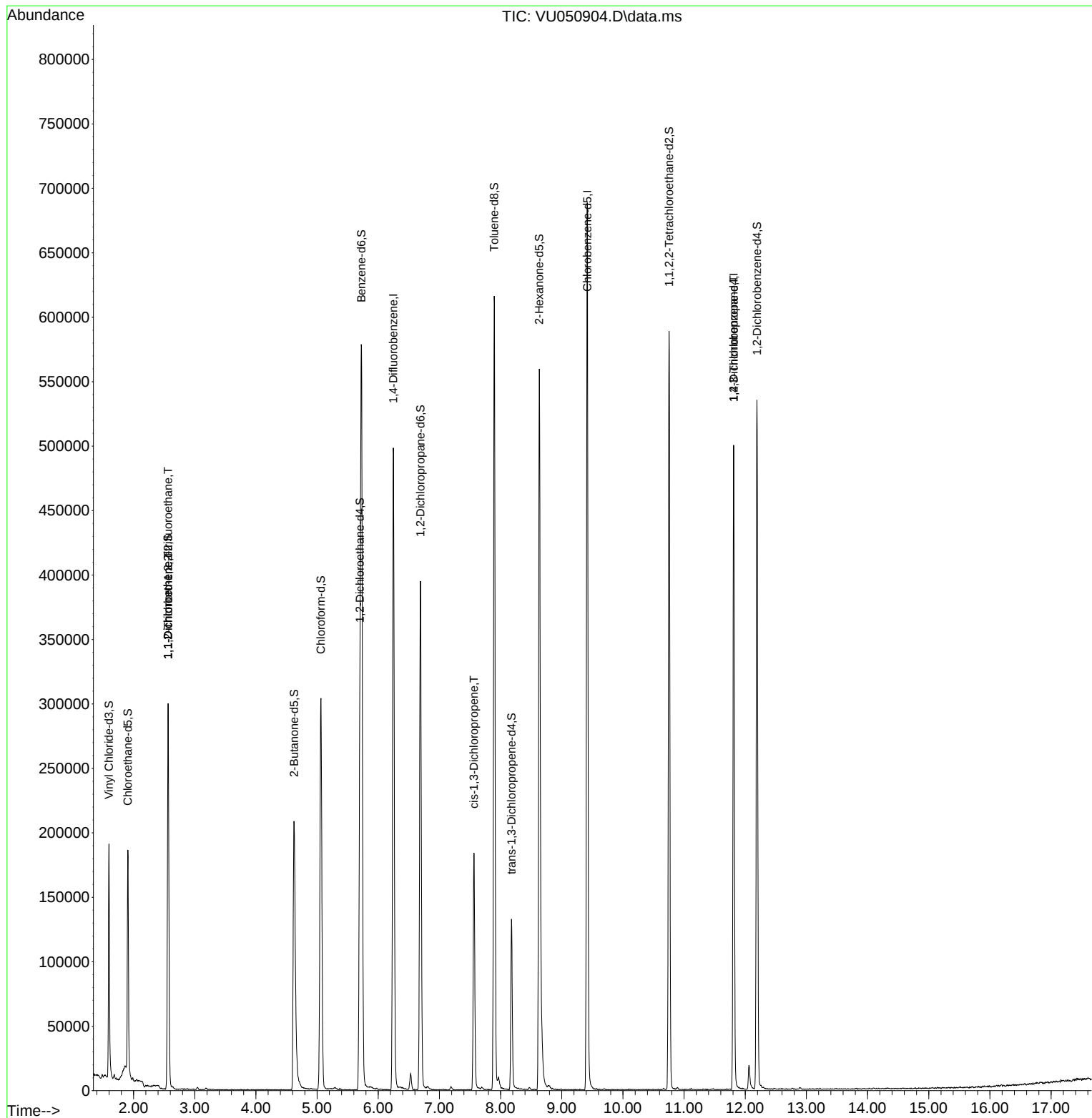
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	394054	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	137565	33.695	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.380%		
7) Chloroethane-d5	1.906	69	126605	43.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.080%		
11) 1,1-Dichloroethene-d2	2.565	63	175867	27.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.360%#		
21) 2-Butanone-d5	4.623	46	314967	119.498	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.500%		
24) Chloroform-d	5.063	84	283377	44.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.580%		
26) 1,2-Dichloroethane-d4	5.700	65	189386	48.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
32) Benzene-d6	5.726	84	527328	42.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.360%		
36) 1,2-Dichloropropane-d6	6.690	67	193763	45.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.840%		
41) Toluene-d8	7.896	98	407578	37.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.600%#		
43) trans-1,3-Dichloroprop...	8.179	79	75584	41.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.360%		
47) 2-Hexanone-d5	8.632	63	172199	99.031	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.030%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	303036	47.106	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	138164	51.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1739	0.539	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1469	0.485	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4641	0.907	ug/L #	69
60) 1,2,3-Trichloropropane	11.812	75	16773	4.626	ug/L #	68

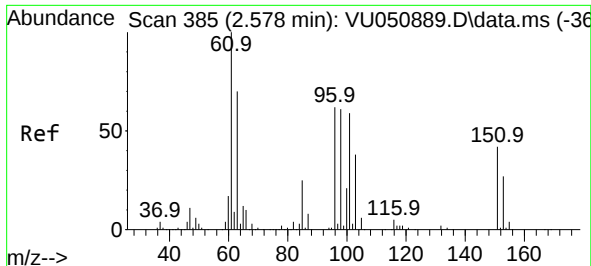
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.539 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

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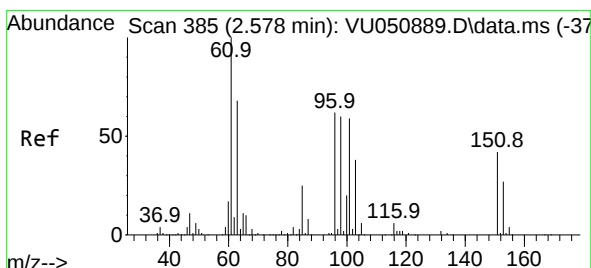
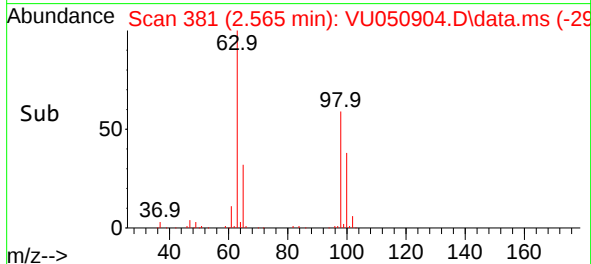
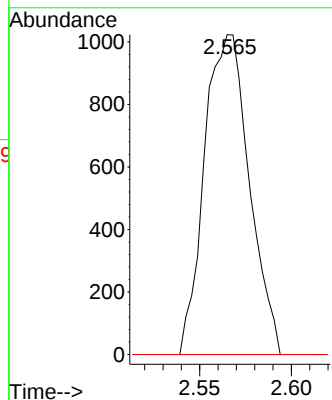
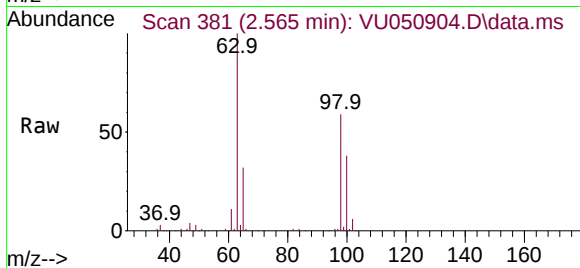
Tgt Ion:101 Resp: 1739

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: 0.485 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050904.D

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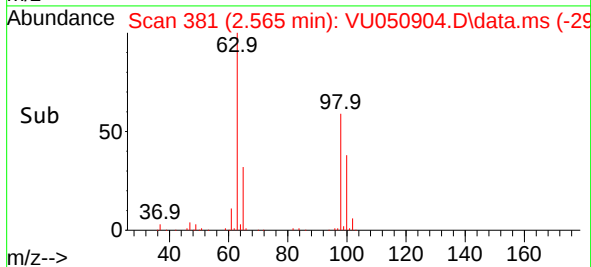
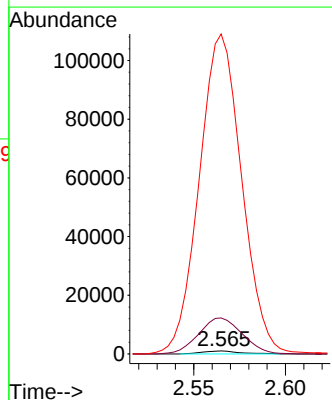
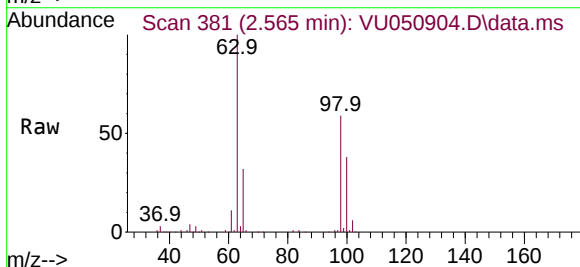
Tgt Ion: 96 Resp: 1469

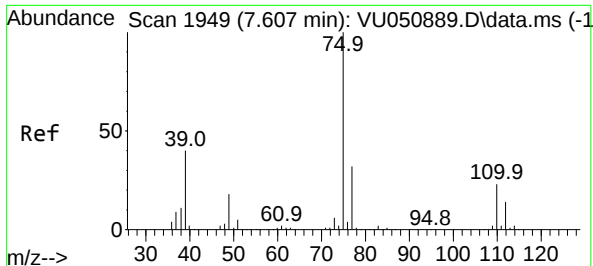
Ion Ratio Lower Upper

96 100

61 1194.7 118.6 220.2#

63 10638.8 90.4 168.0#





#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

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ClientSampleId :

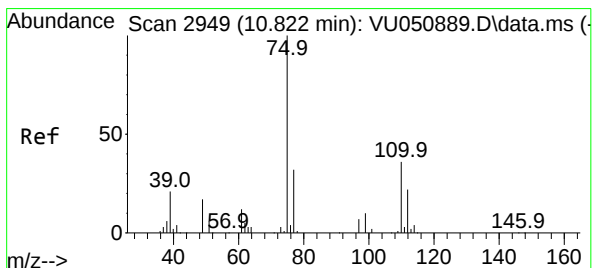
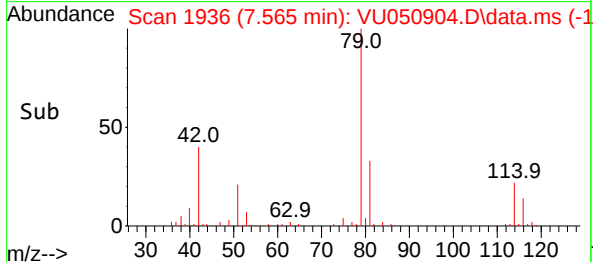
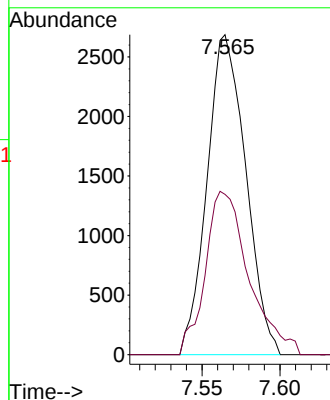
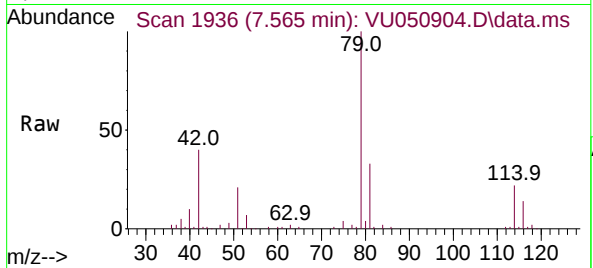
E45A2

Tgt Ion: 75 Resp: 4641

Ion Ratio Lower Upper

75 100

77 50.1 22.8 42.4#



#60

1,2,3-Trichloropropane

Concen: 4.626 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050904.D

Acq: 22 Sep 2022 17:38

Tgt Ion: 75 Resp: 16773

Ion Ratio Lower Upper

75 100

77 35.0 26.2 39.4

110 2.1 28.6 43.0#

