

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050956.D
 Acq On : 27 Sep 2022 14:57
 Operator : JC/MD
 Sample : N4854-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J58

Quant Time: Sep 28 02:02:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

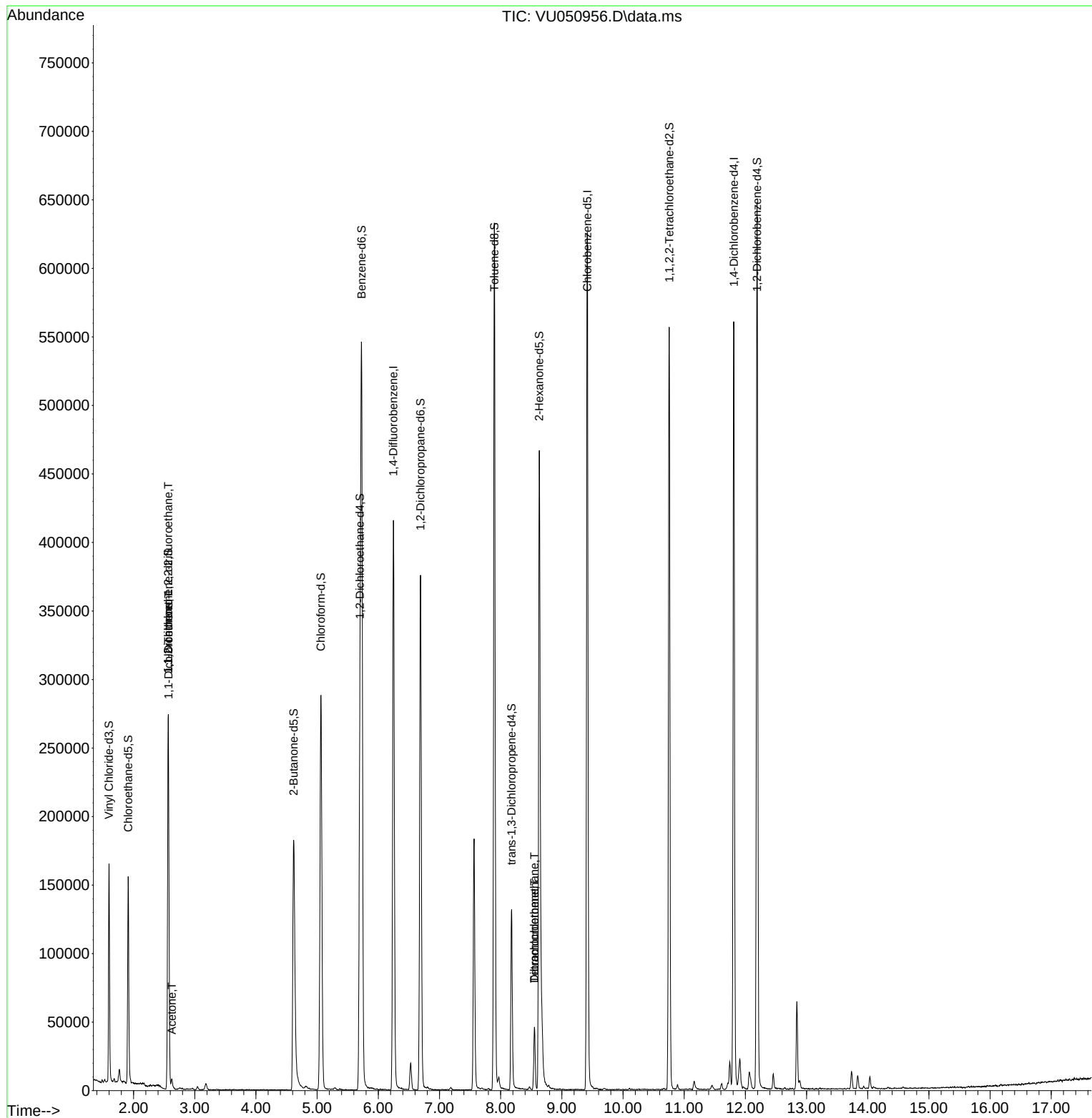
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	328781	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	345269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	148087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	115017	33.765	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.540%		
7) Chloroethane-d5	1.912	69	110668	45.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.240%		
11) 1,1-Dichloroethene-d2	2.565	63	158350	29.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.760%#		
21) 2-Butanone-d5	4.616	46	257319	117.008	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.010%		
24) Chloroform-d	5.060	84	269575	50.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.000%		
26) 1,2-Dichloroethane-d4	5.700	65	178226	54.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.340%		
32) Benzene-d6	5.726	84	503416	44.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.540%		
36) 1,2-Dichloropropane-d6	6.690	67	185784	48.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.800%		
41) Toluene-d8	7.896	98	414464	41.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.380%		
43) trans-1,3-Dichloroprop...	8.179	79	73823	44.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.420%		
47) 2-Hexanone-d5	8.629	63	138721	87.691	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.690%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	288474	49.291	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	164544	53.069	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.140%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1554	0.578	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	1164	0.461	ug/L #	1
13) Acetone	2.623	43	8047	4.321	ug/L	94
46) Tetrachloroethene	8.552	164	9963	4.697	ug/L	93
49) Dibromochloromethane	8.552	129	10124	3.222	ug/L #	10

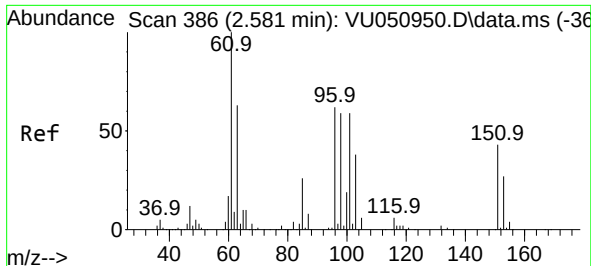
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 28 01:59:42 2022
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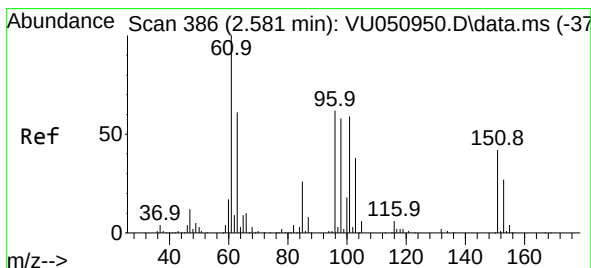
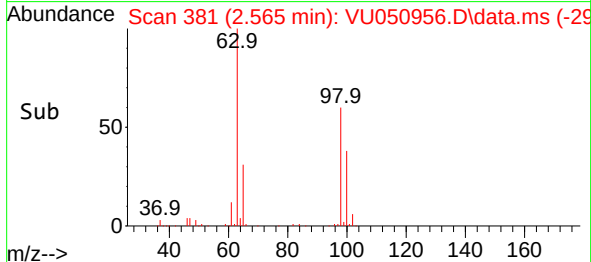
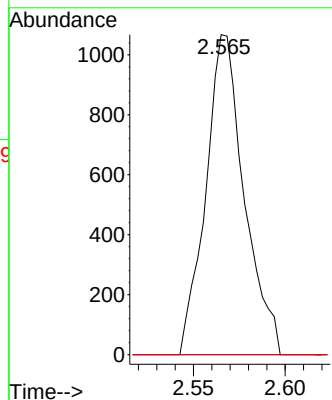
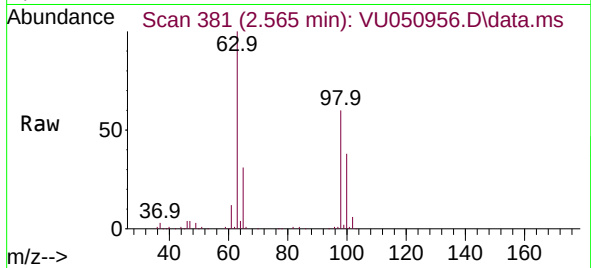




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.578 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU050956.D
Acq: 27 Sep 2022 14:57

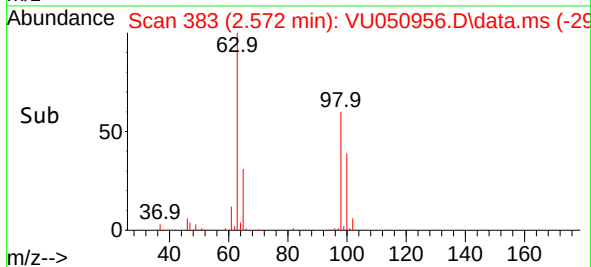
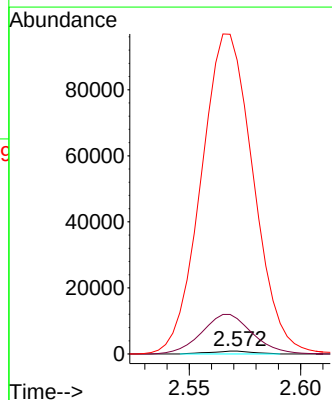
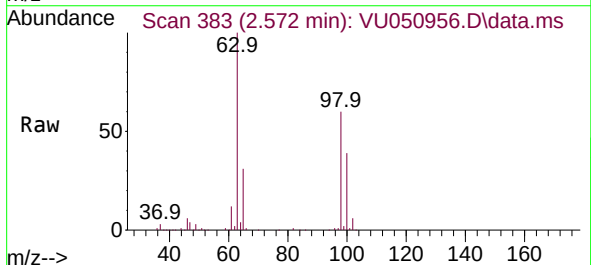
Instrument :
MSVOA_U
ClientSampleId :
F5J58

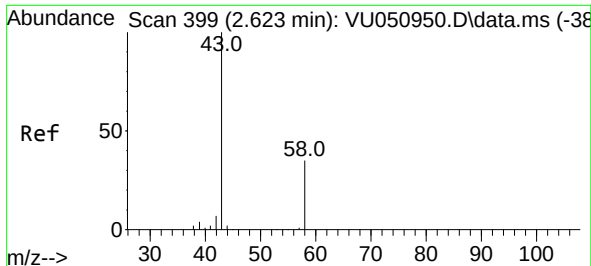
Tgt Ion:101 Resp: 1554
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.461 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU050956.D
Acq: 27 Sep 2022 14:57

Tgt Ion: 96 Resp: 1164
Ion Ratio Lower Upper
96 100
61 1232.5 118.6 220.2#
63 10233.4 90.4 168.0#





#13

Acetone

Concen: 4.321 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU050956.D

Acq: 27 Sep 2022 14:57

Instrument :

MSVOA_U

ClientSampleId :

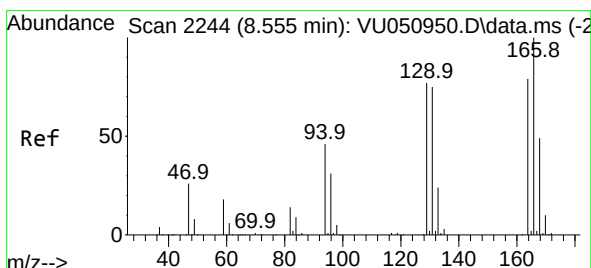
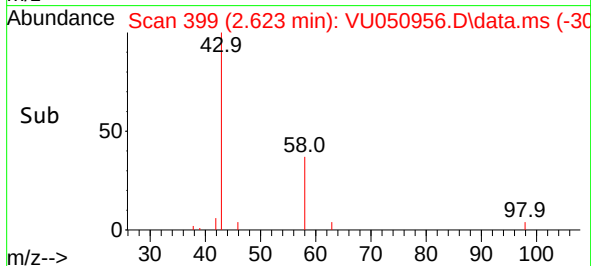
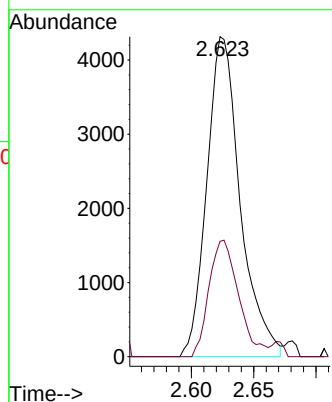
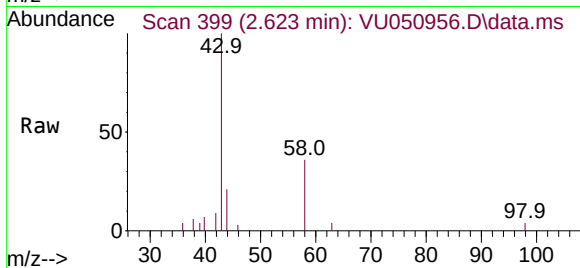
F5J58

Tgt Ion: 43 Resp: 8047

Ion Ratio Lower Upper

43 100

58 32.4 0.0 71.4



#46

Tetrachloroethene

Concen: 4.697 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050956.D

Acq: 27 Sep 2022 14:57

Tgt Ion:164 Resp: 9963

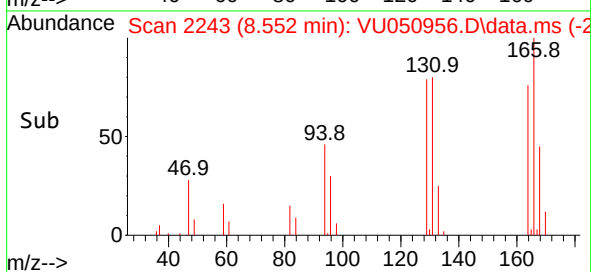
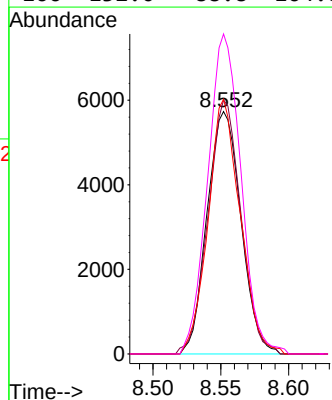
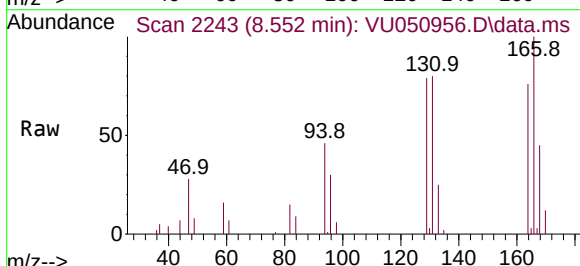
Ion Ratio Lower Upper

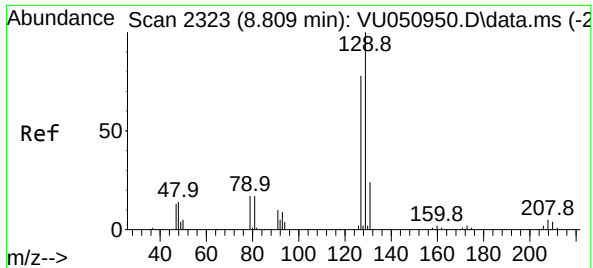
164 100

129 104.7 68.5 127.3

131 105.1 66.1 122.7

166 132.0 88.8 164.8





#49
 Dibromochloromethane
 Concen: 3.222 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU050956.D
 Acq: 27 Sep 2022 14:57

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J58

Tgt Ion:129 Resp: 10124
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#

