

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050955.D
 Acq On : 27 Sep 2022 14:34
 Operator : JC/MD
 Sample : N4854-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J55

Quant Time: Sep 28 02:02:00 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)

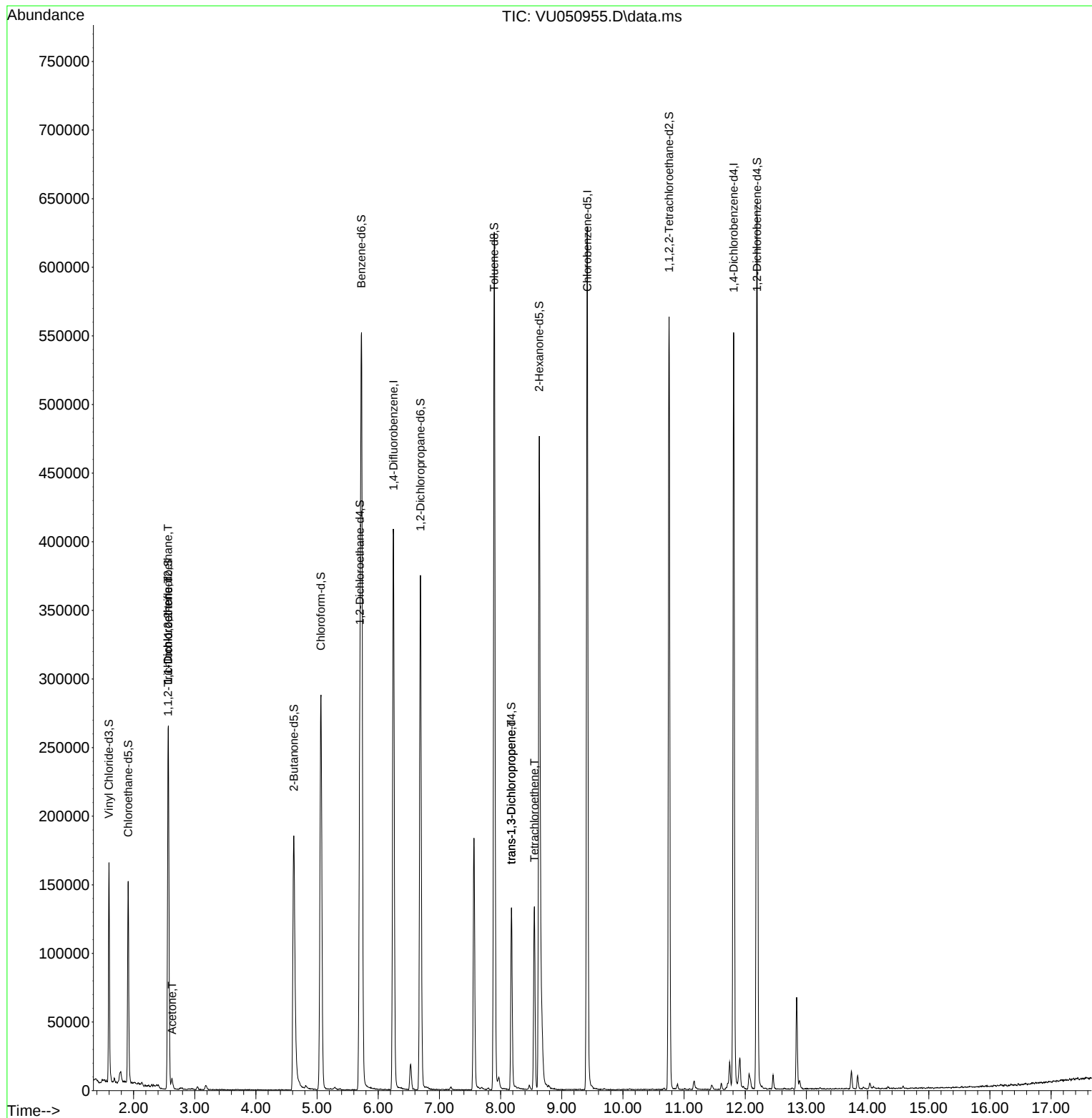
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113994	33.463	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.920%	
7) Chloroethane-d5	1.912	69	107249	44.206	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.420%	
11) 1,1-Dichloroethene-d2	2.565	63	155099	29.260	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.520%#	
21) 2-Butanone-d5	4.620	46	264905	120.452	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	120.450%	
24) Chloroform-d	5.063	84	269436	50.470	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.940%	
26) 1,2-Dichloroethane-d4	5.700	65	178303	54.196	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.400%	
32) Benzene-d6	5.726	84	505613	43.978	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.960%	
36) 1,2-Dichloropropane-d6	6.690	67	180402	46.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.980%	
41) Toluene-d8	7.896	98	416367	41.431	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.860%	
43) trans-1,3-Dichloroprop...	8.176	79	74076	43.878	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.760%	
47) 2-Hexanone-d5	8.632	63	141175	88.277	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.280%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284531	48.091	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.180%	
66) 1,2-Dichlorobenzene-d4	12.192	152	167721	55.007	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	110.020%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1621	0.603	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1358	0.537	ug/L #	1
13) Acetone	2.629	43	7924	4.255	ug/L	97
44) trans-1,3-Dichloropropene	8.176	75	3447	0.770	ug/L	91
46) Tetrachloroethene	8.552	164	29846	13.919	ug/L	99

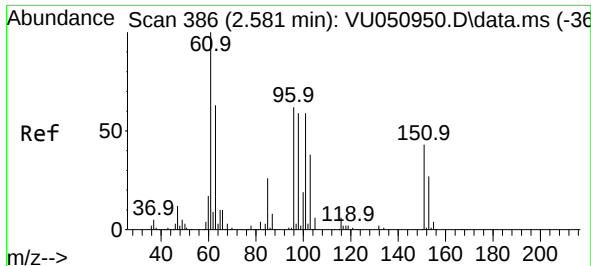
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.603 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

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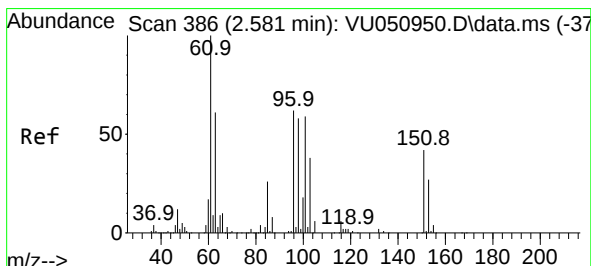
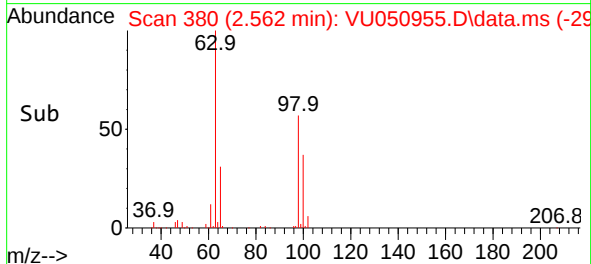
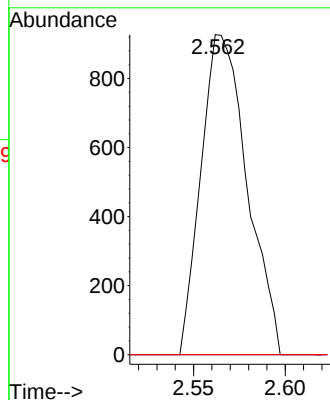
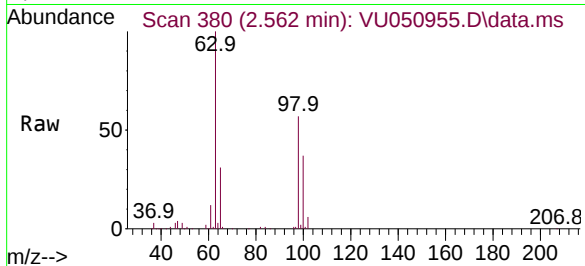
Tgt Ion:101 Resp: 1621

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: 0.537 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU050955.D

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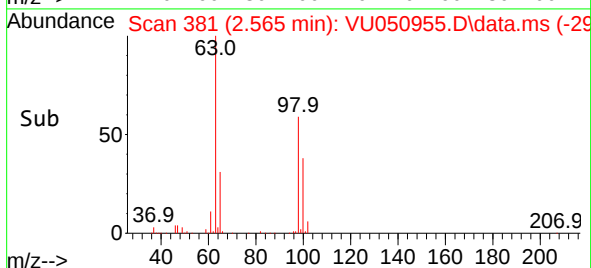
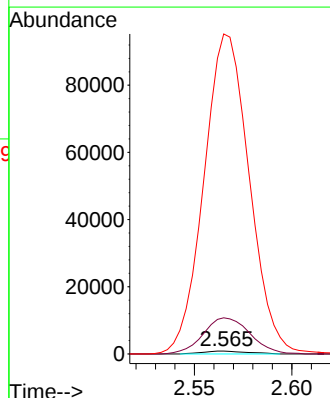
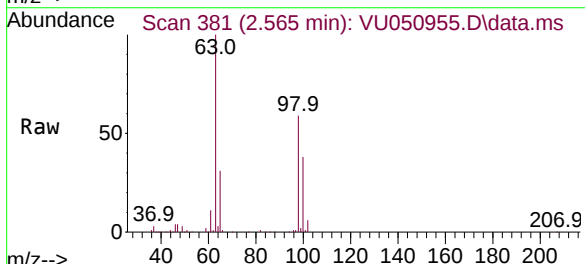
Tgt Ion: 96 Resp: 1358

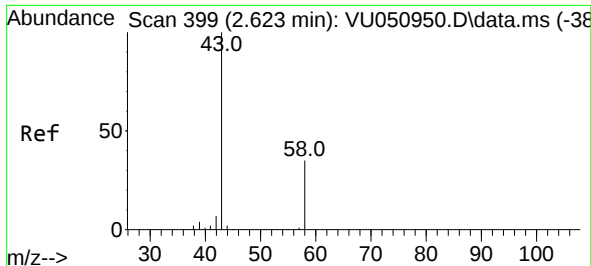
Ion Ratio Lower Upper

96 100

61 1271.2 118.6 220.2#

63 11260.5 90.4 168.0#





#13

Acetone

Concen: 4.255 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

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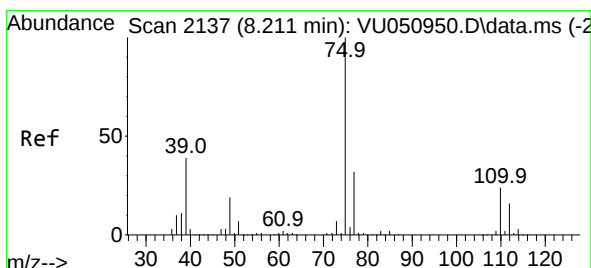
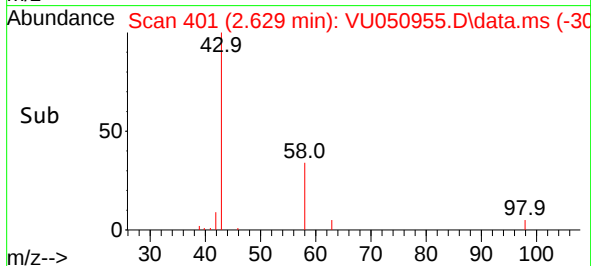
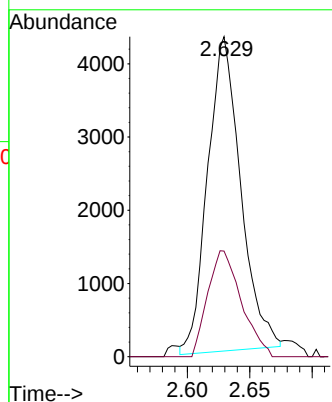
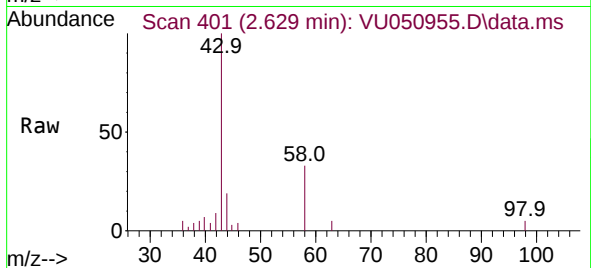
F5J55

Tgt Ion: 43 Resp: 7924

Ion Ratio Lower Upper

43 100

58 34.2 0.0 71.4



#44

trans-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050955.D

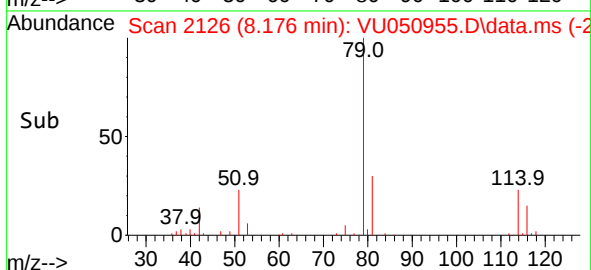
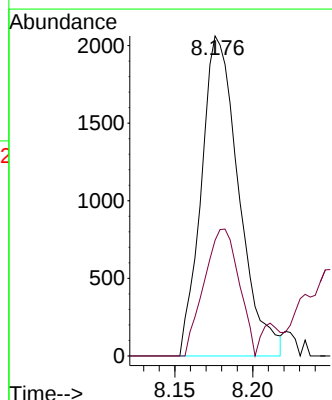
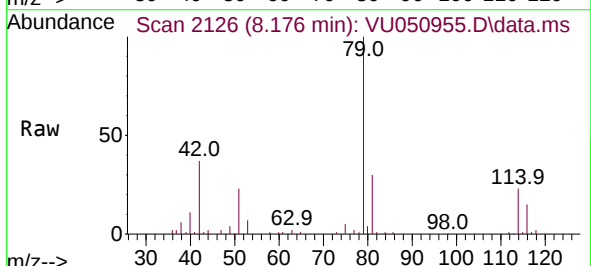
Acq: 27 Sep 2022 14:34

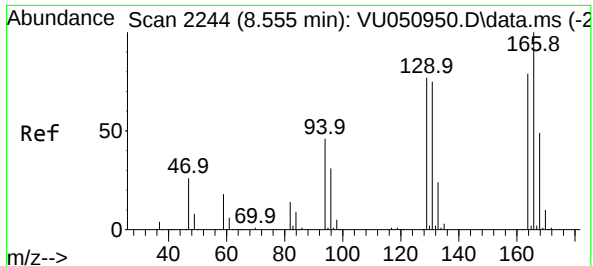
Tgt Ion: 75 Resp: 3447

Ion Ratio Lower Upper

75 100

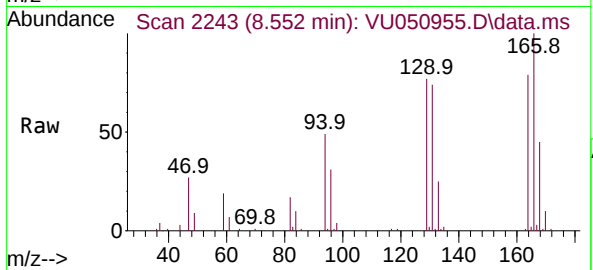
77 36.1 21.9 40.7





#46
Tetrachloroethene
Concen: 13.919 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050955.D
Acq: 27 Sep 2022 14:34

Instrument :
MSVOA_U
ClientSampleId :
F5J55



Tgt Ion:	164	Resp:	29846
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.5	127.3
131	93.7	66.1	122.7
166	125.9	88.8	164.8

