

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050946.D
 Acq On : 26 Sep 2022 14:55
 Operator : JC/MD
 Sample : N4747-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 26 20:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

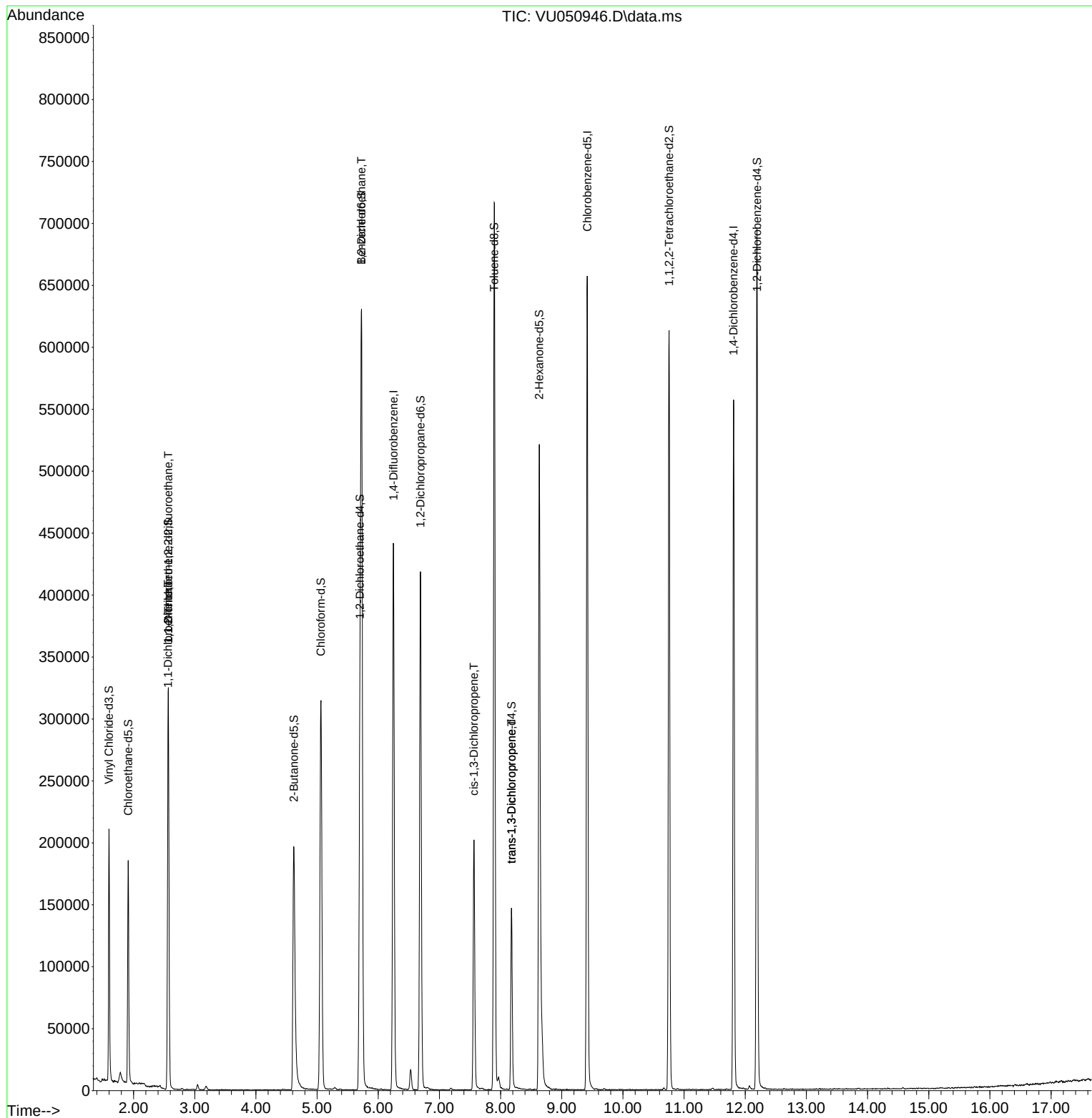
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	349671	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147564	40.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.460%		
7) Chloroethane-d5	1.912	69	129188	50.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.140%		
11) 1,1-Dichloroethene-d2	2.568	63	188881	33.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.020%		
21) 2-Butanone-d5	4.620	46	280266	119.829	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.830%		
24) Chloroform-d	5.063	84	298226	52.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.060%		
26) 1,2-Dichloroethane-d4	5.700	65	194198	55.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.000%		
32) Benzene-d6	5.726	84	583821	48.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.880%		
36) 1,2-Dichloropropane-d6	6.690	67	203002	49.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.800%		
41) Toluene-d8	7.896	98	481456	45.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.400%		
43) trans-1,3-Dichloroprop...	8.179	79	82846	46.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.620%		
47) 2-Hexanone-d5	8.632	63	155067	92.486	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.490%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	315444	50.854	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.700%		
66) 1,2-Dichlorobenzene-d4	12.192	152	177912	57.225	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1659	0.580	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1270	0.472	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1785	0.423	ug/L	96
39) cis-1,3-Dichloropropene	7.565	75	4864	0.986	ug/L #	33
44) trans-1,3-Dichloropropene	8.179	75	3600	0.767	ug/L	90

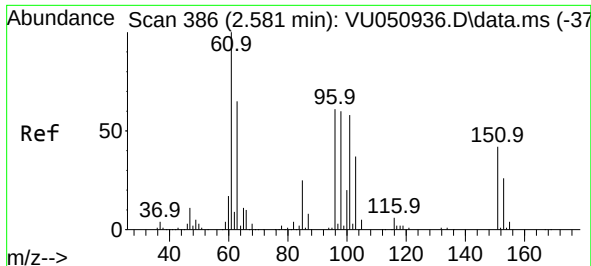
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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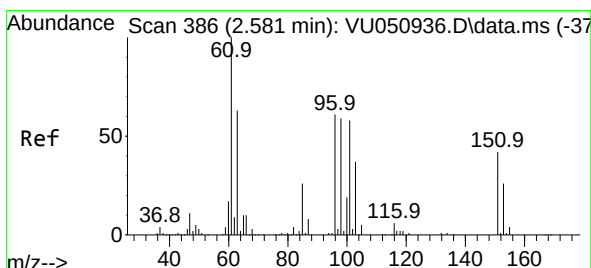
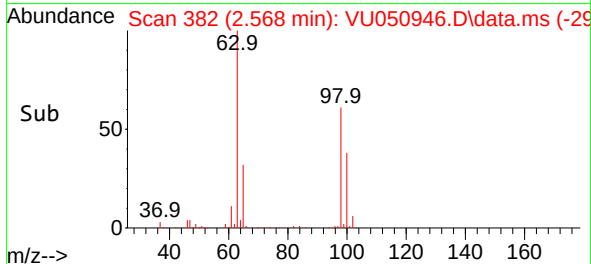
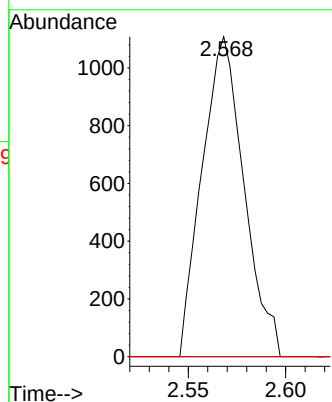
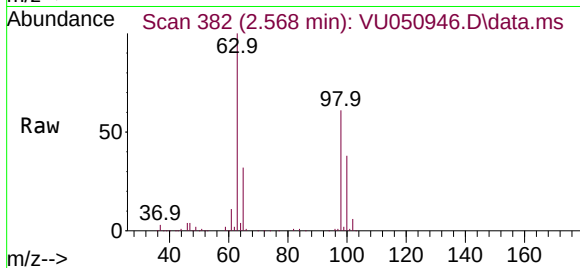




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.580 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU050946.D
 Acq: 26 Sep 2022 14:55

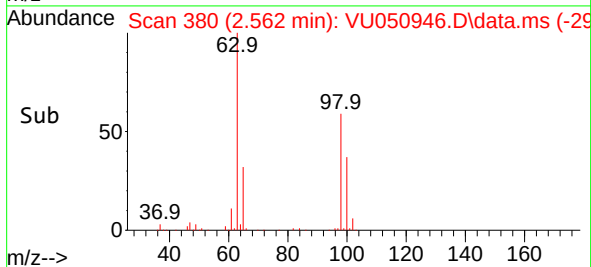
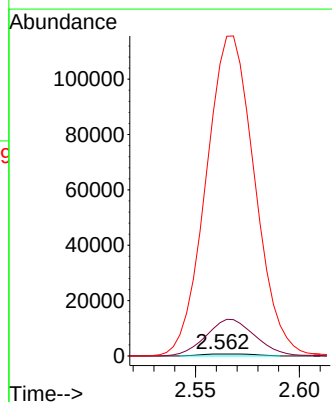
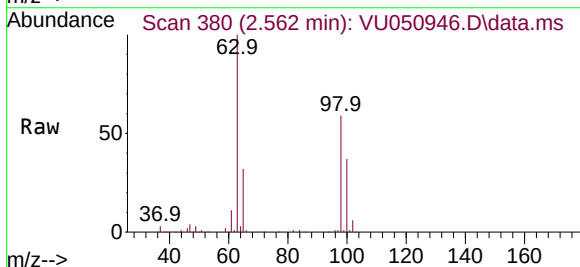
Instrument :
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 VHBLK001

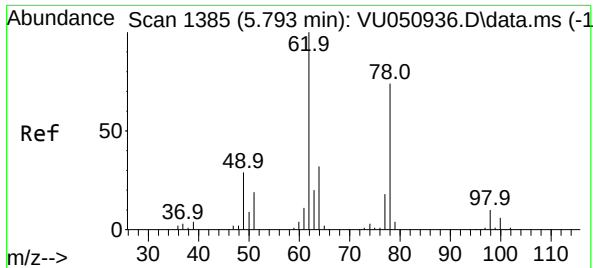
Tgt Ion:101 Resp: 1659
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.472 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU050946.D
 Acq: 26 Sep 2022 14:55

Tgt Ion: 96 Resp: 1270
 Ion Ratio Lower Upper
 96 100
 61 1717.4 118.6 220.2#
 63 15056.2 90.4 168.0#

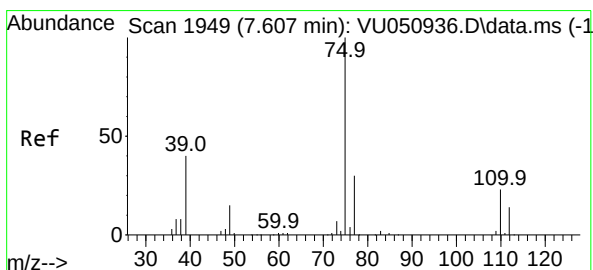
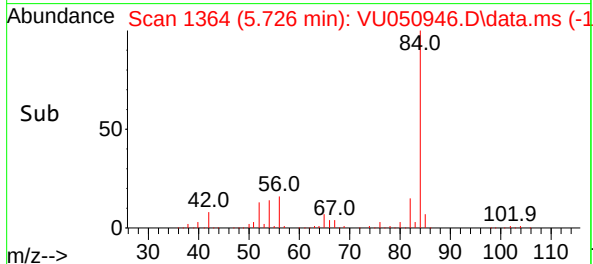
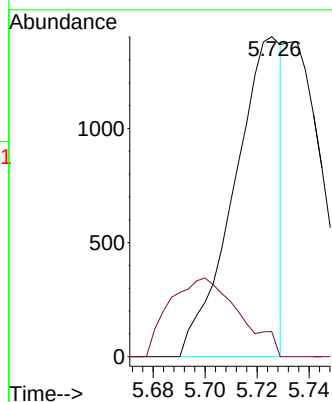
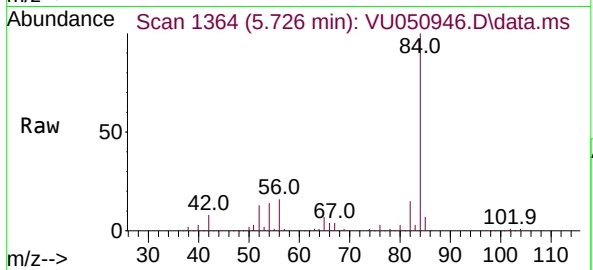




#27
1,2-Dichloroethane
Concen: 0.423 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU050946.D
Acq: 26 Sep 2022 14:55

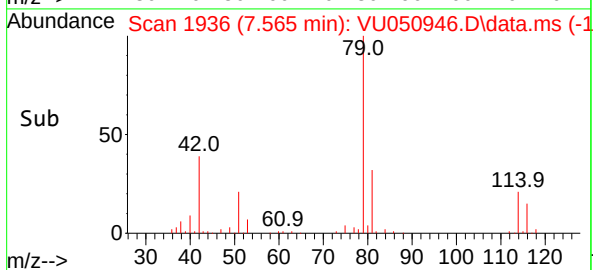
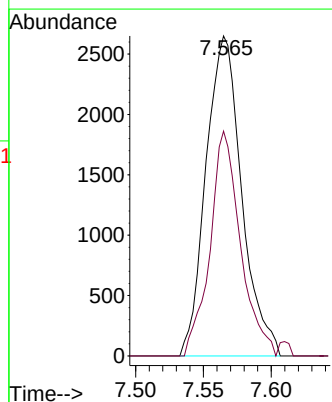
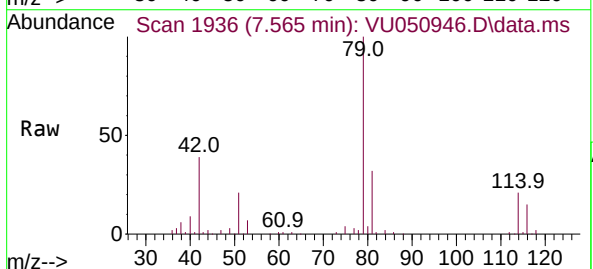
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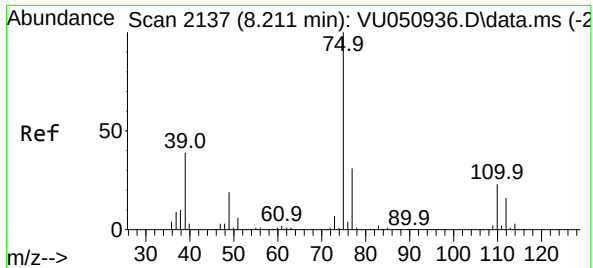
Tgt Ion: 62 Resp: 1785
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 0.986 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050946.D
Acq: 26 Sep 2022 14:55

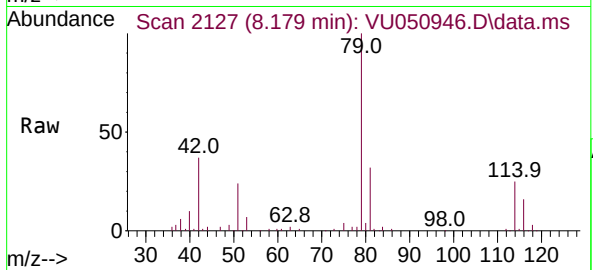
Tgt Ion: 75 Resp: 4864
Ion Ratio Lower Upper
75 100
77 70.2 22.8 42.4#





#44
 trans-1,3-Dichloropropene
 Concen: 0.767 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU050946.D
 Acq: 26 Sep 2022 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion: 75 Resp: 3600
 Ion Ratio Lower Upper
 75 100
 77 36.6 21.9 40.7

