

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021723\
 Data File : VU053121.D
 Acq On : 17 Feb 2023 10:44
 Operator : JC/MD
 Sample : VU0217WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK047

Quant Time: Feb 17 11:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 17 11:12:12 2023
 Response via : Initial Calibration

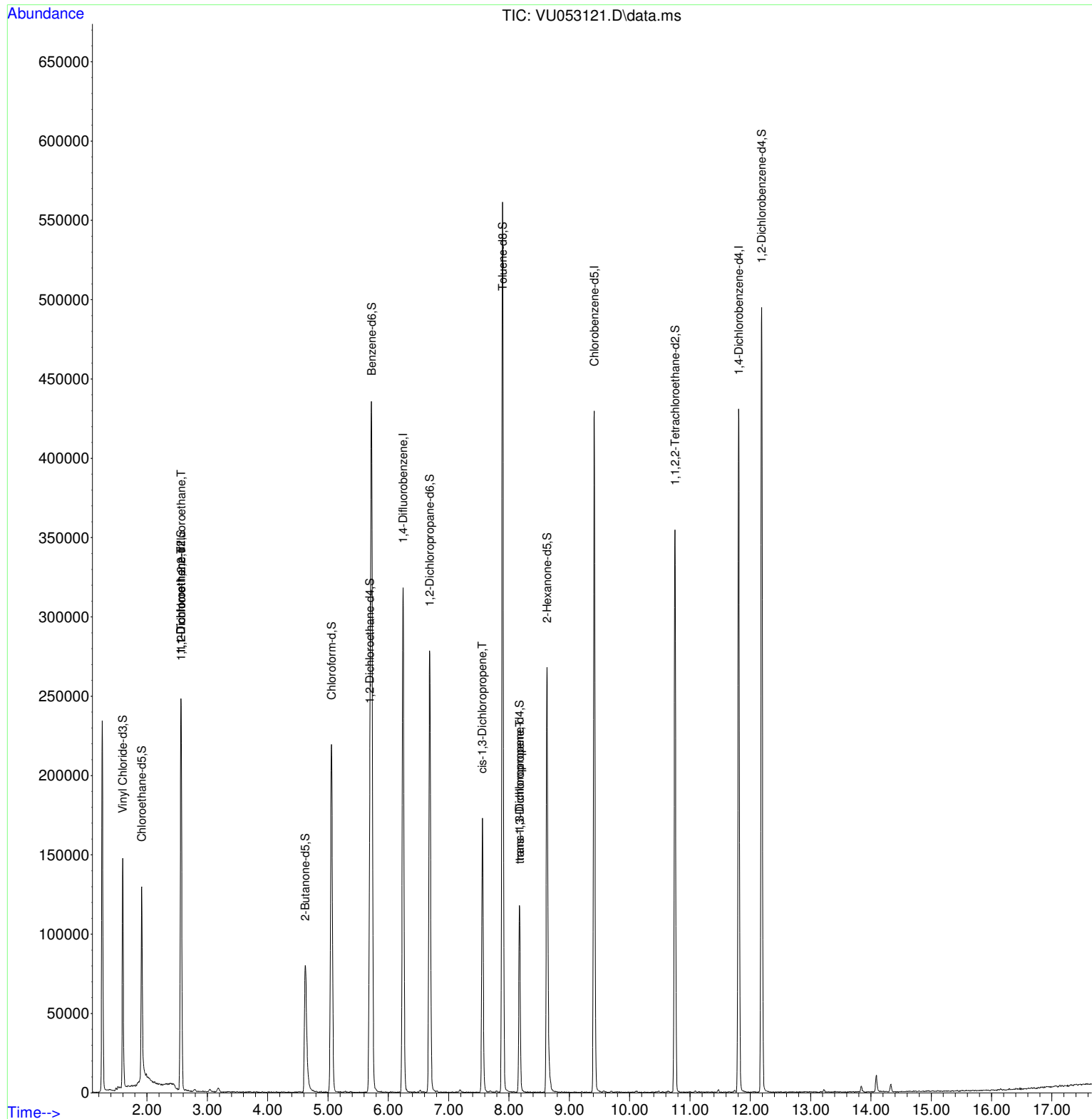
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	256415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228420	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	107893	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	105321	44.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.42%		
7) Chloroethane-d5	1.913	69	91196	45.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.48%		
11) 1,1-Dichloroethene-d2	2.563	63	145075	35.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.82%		
21) 2-Butanone-d5	4.624	46	127925	103.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.91%		
24) Chloroform-d	5.058	84	197398	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.02%		
26) 1,2-Dichloroethane-d4	5.694	65	127535	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
32) Benzene-d6	5.723	84	411861	50.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.08%		
36) 1,2-Dichloropropane-d6	6.685	67	135327	50.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.68%		
41) Toluene-d8	7.894	98	371979	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.60%		
43) trans-1,3-Dichloroprop...	8.173	79	67120	49.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.02%		
47) 2-Hexanone-d5	8.630	63	94131	102.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.36%		
56) 1,1,2,2-Tetrachloroeth...	10.752	84	177381	50.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.12%		
66) 1,2-Dichlorobenzene-d4	12.189	152	122521	51.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.16%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	1227	0.62	ug/L #	25
12) 1,1-Dichloroethene	2.563	96	1009	0.54	ug/L #	1
39) cis-1,3-Dichloropropene	7.559	75	4373	1.20	ug/L #	63
44) trans-1,3-Dichloropropene	8.176	75	3095	0.92	ug/L	94

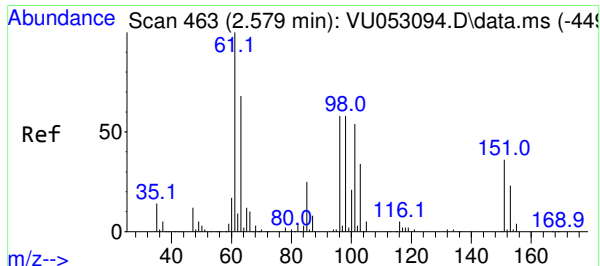
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 11:12:12 2023
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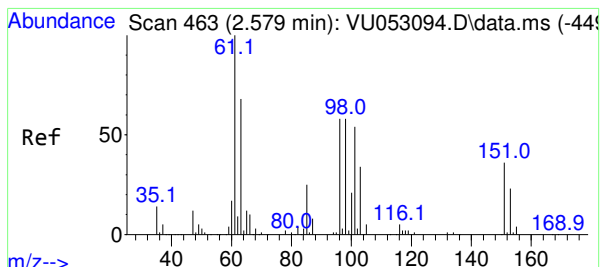
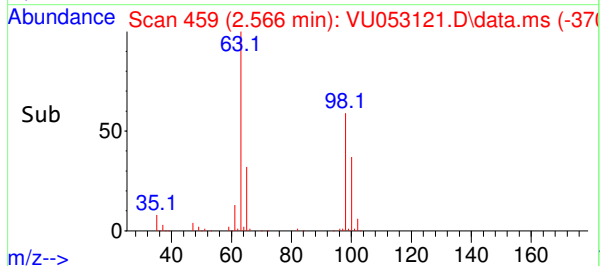
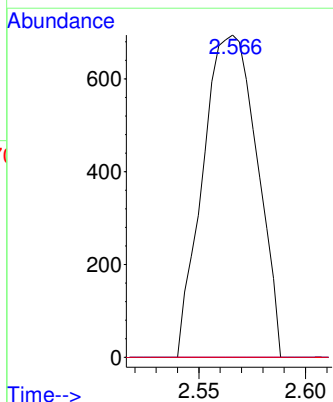
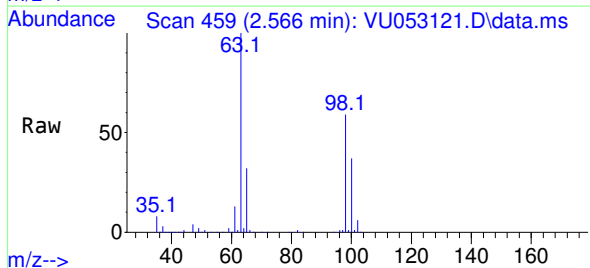




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.62 ug/L
 RT: 2.566 min Scan# 459
 Delta R.T. -0.013 min
 Lab File: VU053121.D
 Acq: 17 Feb 2023 10:44

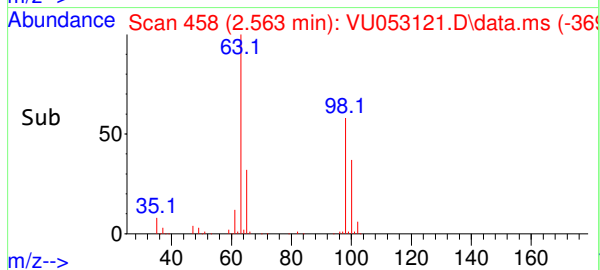
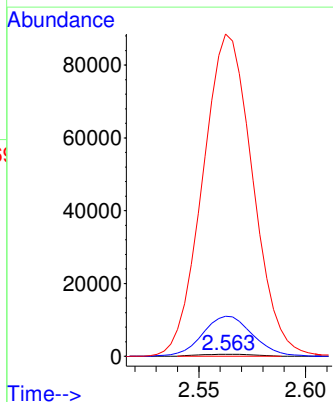
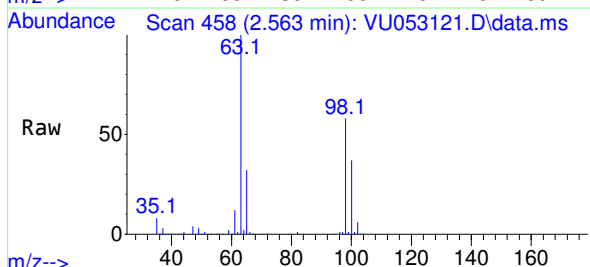
Instrument :
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 VBLK047

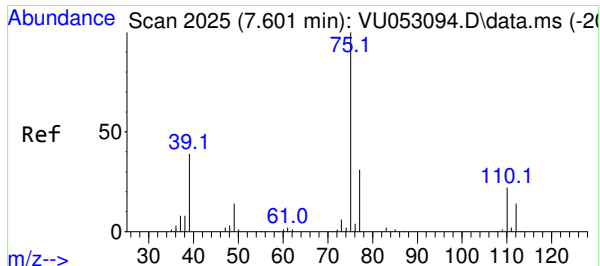
Tgt Ion: 101 Resp: 1227
 Ion Ratio Lower Upper
 101 100
 85 3.3 36.6 54.8#
 151 0.0 52.6 79.0#



#12
 1,1-Dichloroethene
 Concen: 0.54 ug/L
 RT: 2.563 min Scan# 458
 Delta R.T. -0.013 min
 Lab File: VU053121.D
 Acq: 17 Feb 2023 10:44

Tgt Ion: 96 Resp: 1009
 Ion Ratio Lower Upper
 96 100
 61 1893.3 121.9 226.3#
 63 15197.3 84.2 156.4#

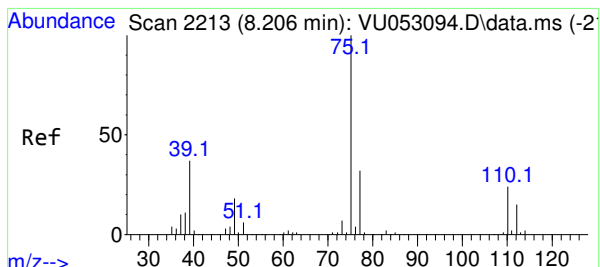
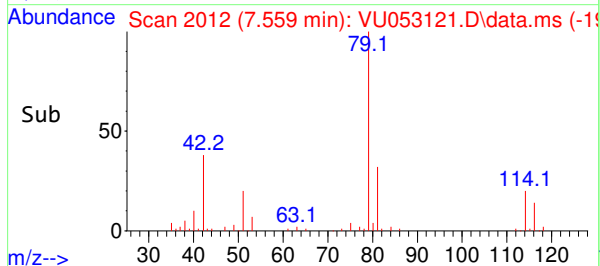
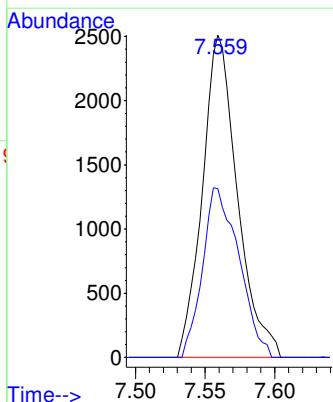
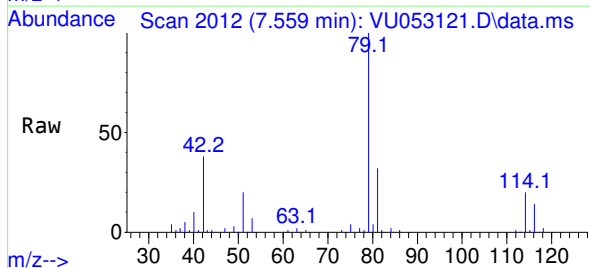




#39
 cis-1,3-Dichloropropene
 Concen: 1.20 ug/L
 RT: 7.559 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VU053121.D
 Acq: 17 Feb 2023 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK047

Tgt Ion: 75 Resp: 4373
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.92 ug/L
 RT: 8.176 min Scan# 2204
 Delta R.T. -0.029 min
 Lab File: VU053121.D
 Acq: 17 Feb 2023 10:44

Tgt Ion: 75 Resp: 3095
 Ion Ratio Lower Upper
 75 100
 77 35.2 22.2 41.2

