

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102122\
 Data File : VU051481.D
 Acq On : 21 Oct 2022 12:11
 Operator : JC/MD
 Sample : N5180-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 25 10:09:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

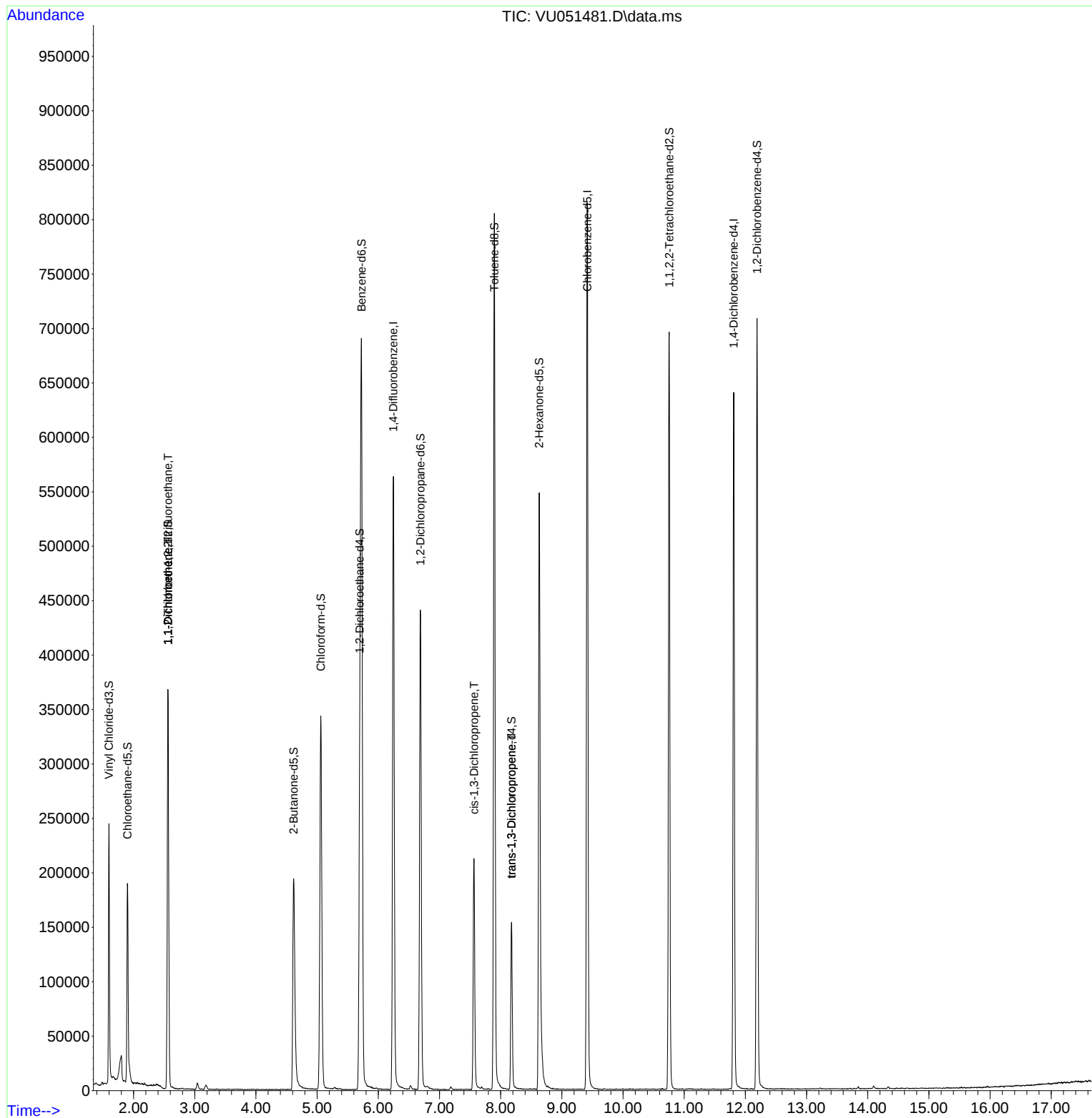
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	455616	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	457513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	172875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168619	46.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.280%		
7) Chloroethane-d5	1.899	69	154104	51.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.480%		
11) 1,1-Dichloroethene-d2	2.562	63	217620	35.362	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.720%		
21) 2-Butanone-d5	4.616	46	274291	107.632	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.630%		
24) Chloroform-d	5.060	84	325107	48.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.920%		
26) 1,2-Dichloroethane-d4	5.697	65	211298	51.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.360%		
32) Benzene-d6	5.726	84	653156	52.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.440%		
36) 1,2-Dichloropropane-d6	6.687	67	215528	52.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.940%		
41) Toluene-d8	7.896	98	540768	47.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
43) trans-1,3-Dichloroprop...	8.176	79	88073	50.837	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.680%		
47) 2-Hexanone-d5	8.629	63	177444	99.295	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.290%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	350433	49.580	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	186814	57.726	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.460%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2143	0.602	ug/L #	23
12) 1,1-Dichloroethene	2.562	96	1575	0.466	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5205	0.963	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	3784	0.719	ug/L	93

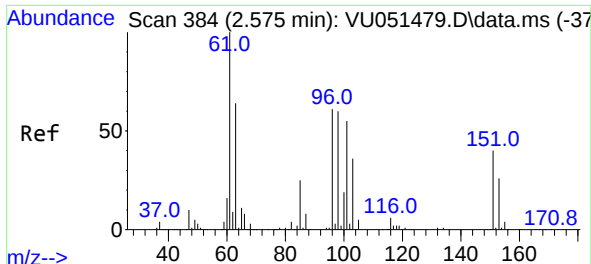
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration

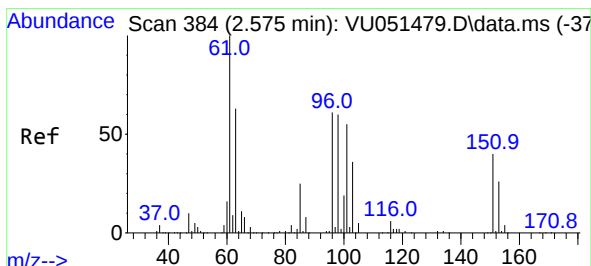
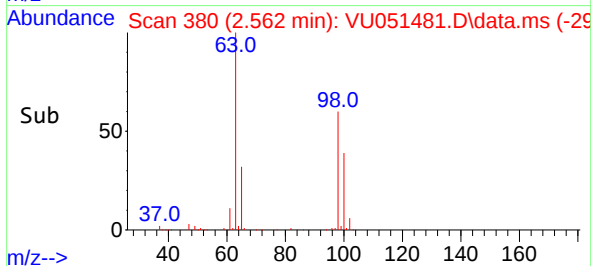
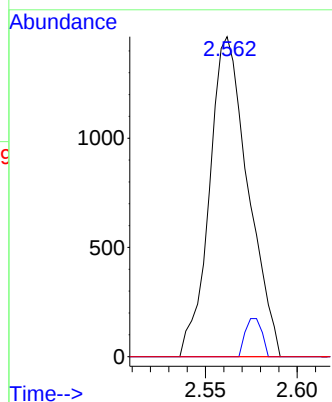
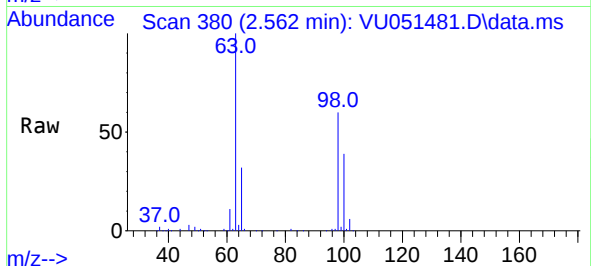




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.602 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051481.D
Acq: 21 Oct 2022 12:11

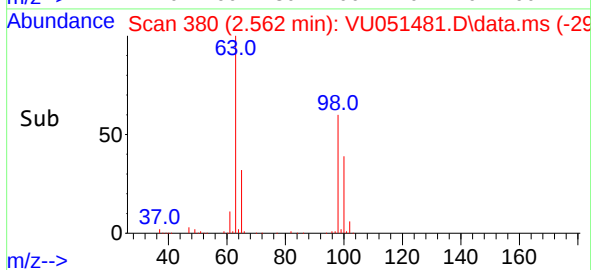
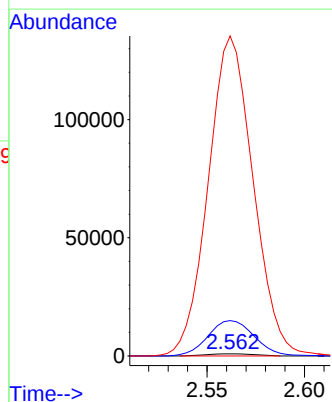
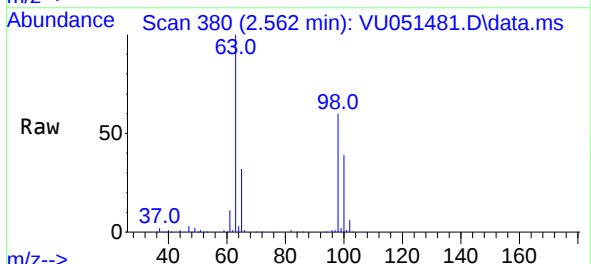
Instrument :
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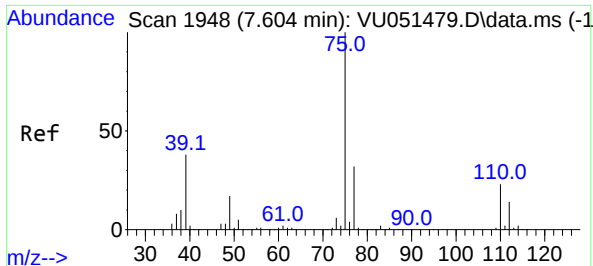
Tgt Ion:101 Resp: 2143
Ion Ratio Lower Upper
101 100
85 5.1 35.2 52.8#
151 0.0 57.8 86.8#



#12
1,1-Dichloroethene
Concen: 0.466 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051481.D
Acq: 21 Oct 2022 12:11

Tgt Ion: 96 Resp: 1575
Ion Ratio Lower Upper
96 100
61 1637.9 119.0 221.0#
63 14793.4 78.5 145.7#

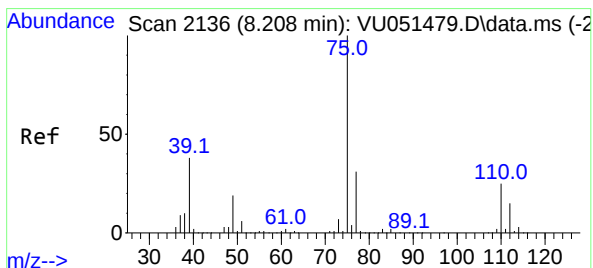
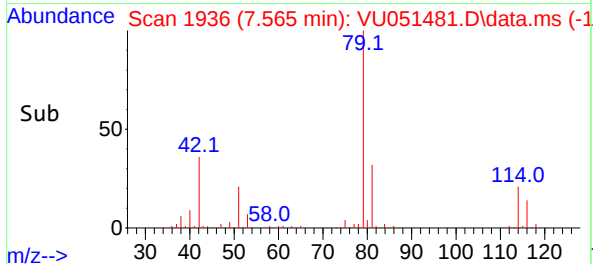
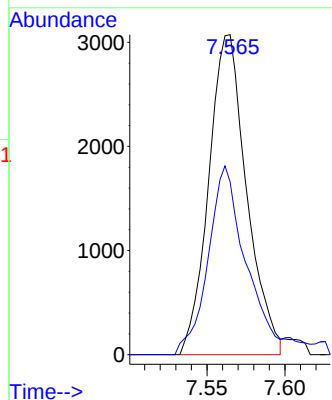
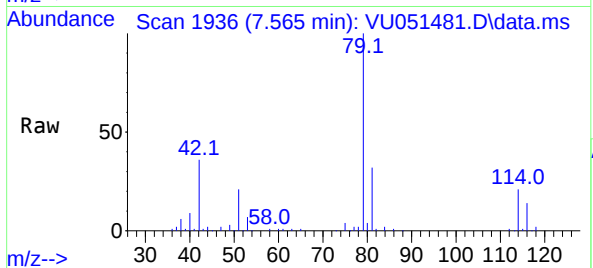




#39
cis-1,3-Dichloropropene
Concen: 0.963 ug/L
RT: 7.565 min Scan# 11
Delta R.T. -0.039 min
Lab File: VU051481.D
Acq: 21 Oct 2022 12:11

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 5205
Ion Ratio Lower Upper
75 100
77 54.0 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.029 min
Lab File: VU051481.D
Acq: 21 Oct 2022 12:11

Tgt Ion: 75 Resp: 3784
Ion Ratio Lower Upper
75 100
77 34.3 21.3 39.5

