

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050908.D
 Acq On : 22 Sep 2022 19:12
 Operator : JC/MD
 Sample : N4747-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A5

Quant Time: Sep 23 01:13:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

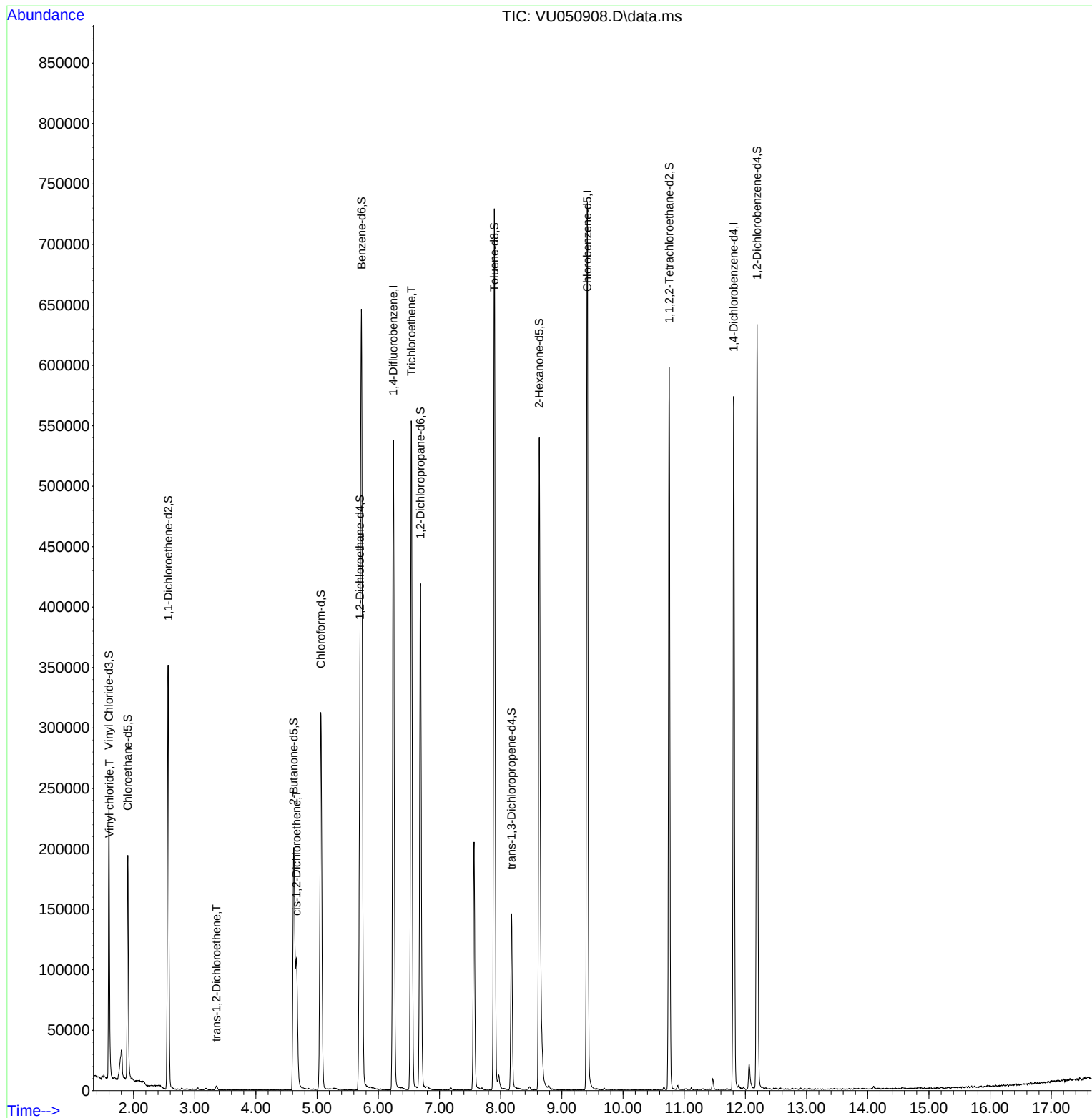
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	422793	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	403658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	153121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168862	38.549	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.100%		
7) Chloroethane-d5	1.906	69	138110	44.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.540%		
11) 1,1-Dichloroethene-d2	2.565	63	205651	30.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.340%		
21) 2-Butanone-d5	4.616	46	286263	101.225	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.220%		
24) Chloroform-d	5.060	84	294032	42.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.660%		
26) 1,2-Dichloroethane-d4	5.700	65	192503	45.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.000%		
32) Benzene-d6	5.726	84	589788	44.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
36) 1,2-Dichloropropane-d6	6.690	67	203026	45.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.480%		
41) Toluene-d8	7.896	98	482812	41.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.080%		
43) trans-1,3-Dichloroprop...	8.179	79	81880	41.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.880%		
47) 2-Hexanone-d5	8.629	63	165550	89.513	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.510%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	299410	43.759	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.520%		
66) 1,2-Dichlorobenzene-d4	12.192	152	164558	51.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.660%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	5092	1.022	ug/L	# 48
17) trans-1,2-Dichloroethene	3.356	96	1536	0.461	ug/L	84
20) cis-1,2-Dichloroethene	4.665	96	48696	13.183	ug/L	97
34) Trichloroethene	6.539	95	192675	55.837	ug/L	99

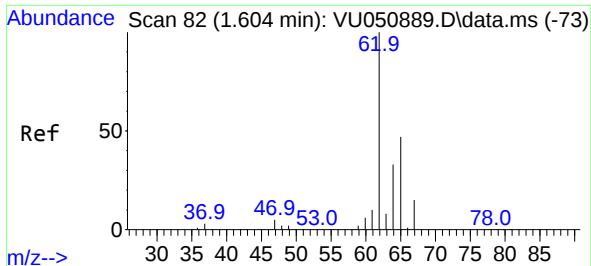
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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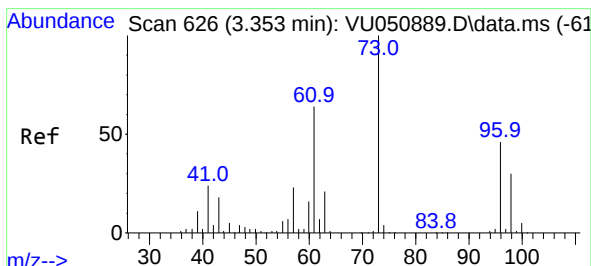
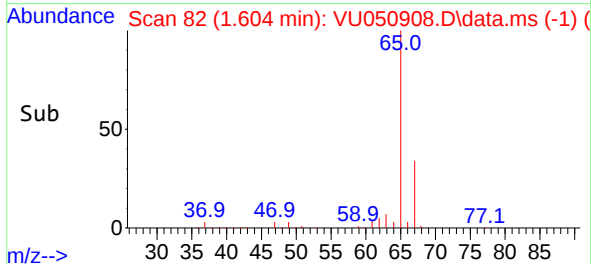
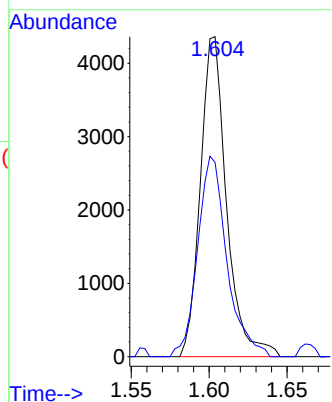
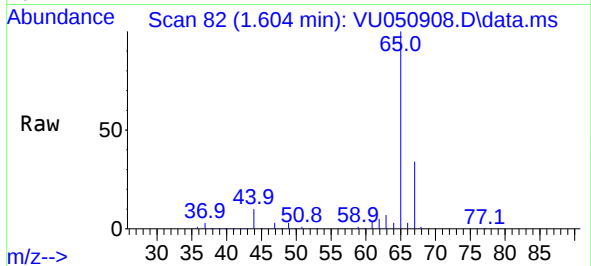




#5
 Vinyl chloride
 Concen: 1.022 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050908.D
 Acq: 22 Sep 2022 19:12

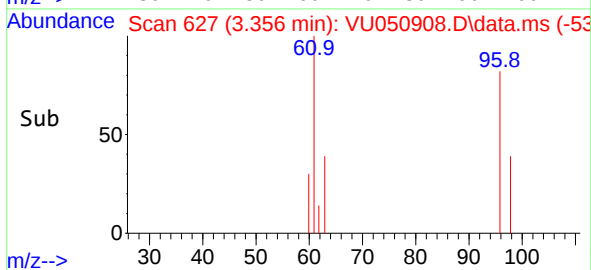
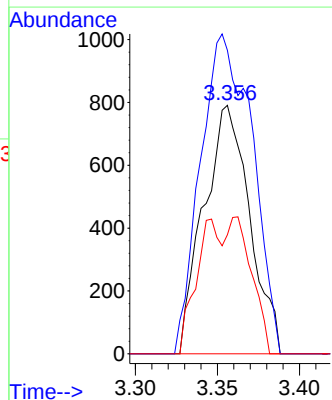
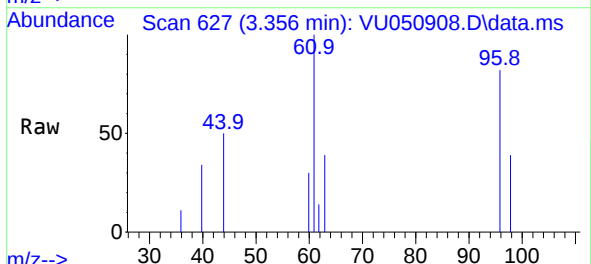
Instrument :
 MSVOA_U
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 E45A5

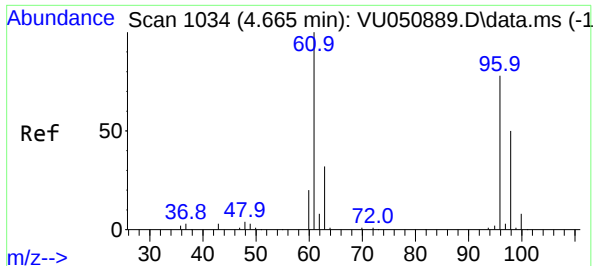
Tgt Ion: 62 Resp: 5092
 Ion Ratio Lower Upper
 62 100
 64 60.7 22.2 41.2#



#17
 trans-1,2-Dichloroethene
 Concen: 0.461 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU050908.D
 Acq: 22 Sep 2022 19:12

Tgt Ion: 96 Resp: 1536
 Ion Ratio Lower Upper
 96 100
 61 122.1 98.0 182.0
 98 47.9 44.3 82.3

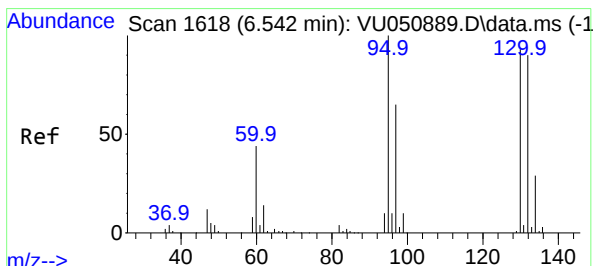
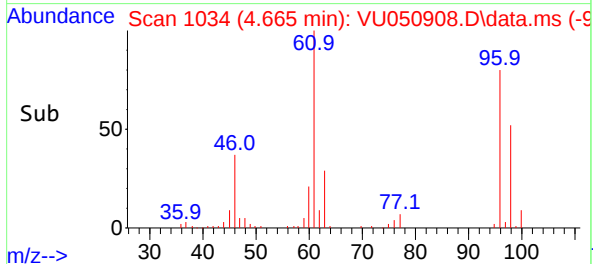
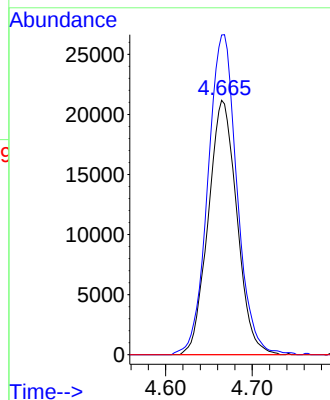
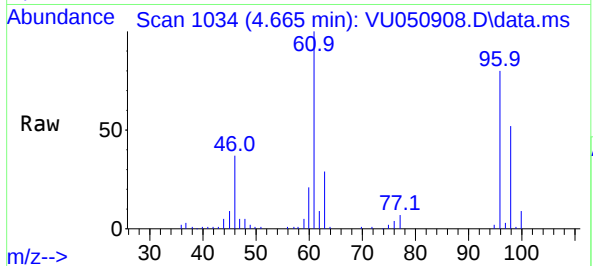




#20
cis-1,2-Dichloroethene
Concen: 13.183 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050908.D
Acq: 22 Sep 2022 19:12

Instrument :
MSVOA_U
ClientSampleId :
E45A5

Tgt Ion: 96 Resp: 48696
Ion Ratio Lower Upper
96 100
61 125.6 90.1 167.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 55.837 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050908.D
Acq: 22 Sep 2022 19:12

Tgt Ion: 95 Resp: 192675
Ion Ratio Lower Upper
95 100
97 63.4 43.9 81.5
132 88.5 63.1 117.1
130 93.1 65.9 122.3

