

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058981.D
 Acq On : 24 May 2024 19:24
 Operator : MD/SY
 Sample : P2566-02DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHHS6DL

Quant Time: May 24 22:30:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

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

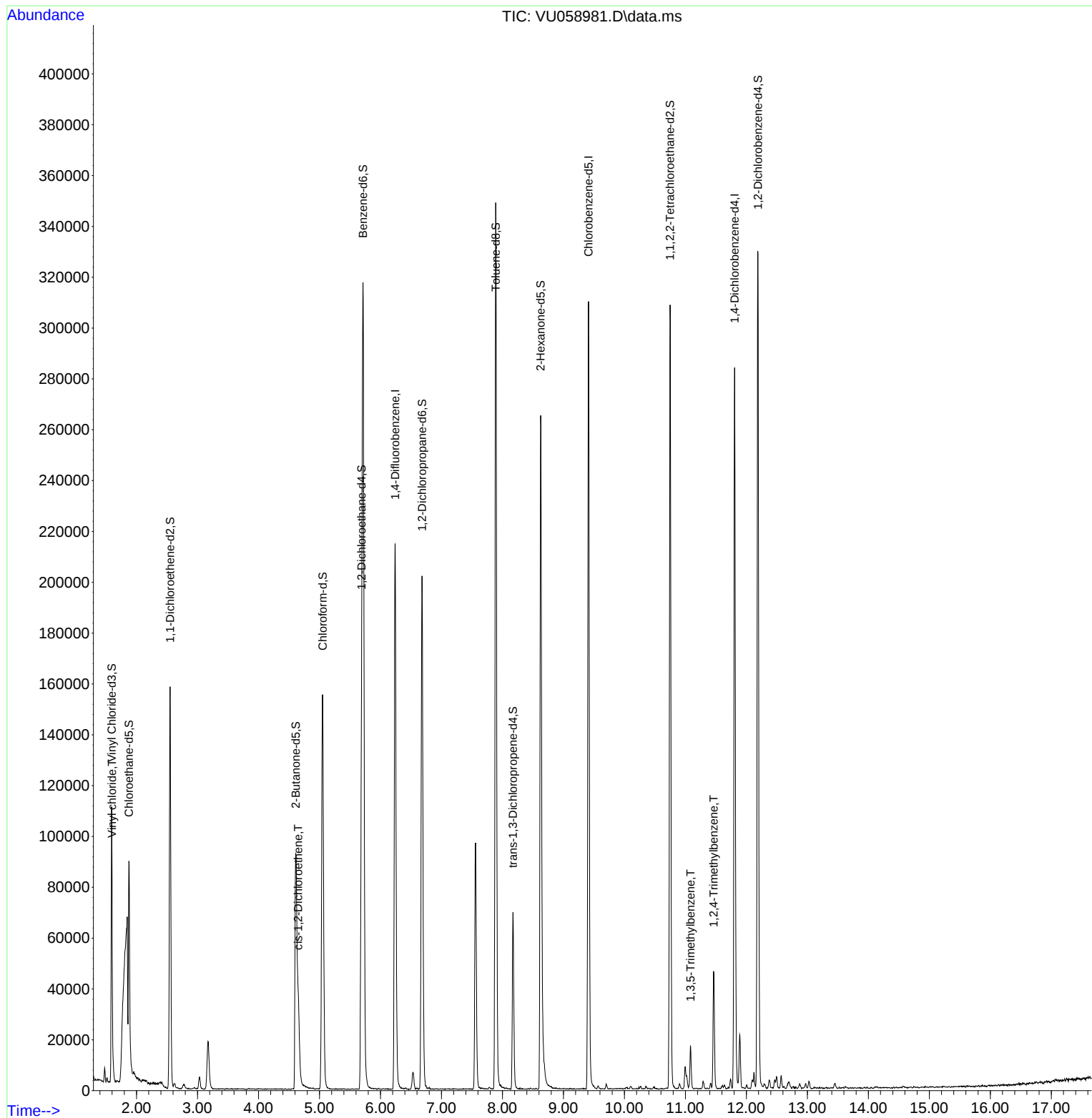
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166092	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	78257	43.788	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.580%		
7) Chloroethane-d5	1.875	69	67913	45.723	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.440%		
11) 1,1-Dichloroethene-d2	2.550	63	97691	35.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.560%		
21) 2-Butanone-d5	4.611	46	148203	120.723	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.720%		
24) Chloroform-d	5.052	84	145769	47.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
26) 1,2-Dichloroethane-d4	5.692	65	97449	51.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.960%		
32) Benzene-d6	5.714	84	290303	51.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.540%		
36) 1,2-Dichloropropane-d6	6.682	67	101519	54.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.560%		
41) Toluene-d8	7.891	98	230710	45.456	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.920%		
43) trans-1,3-Dichloroprop...	8.174	79	38460	45.796	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.600%		
47) 2-Hexanone-d5	8.627	63	91495	118.284	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.280%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	158701	56.404	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	84002	55.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.660%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5821	4.115	ug/L	# 81
20) cis-1,2-Dichloroethene	4.653	96	10412	7.480	ug/L	90
62) 1,3,5-Trimethylbenzene	11.084	105	9511	2.592	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	26067	7.045	ug/L	96

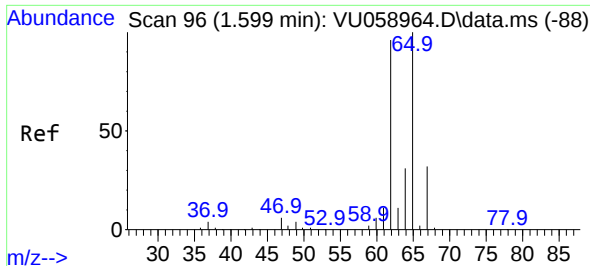
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 22:25:41 2024
Response via : Initial Calibration

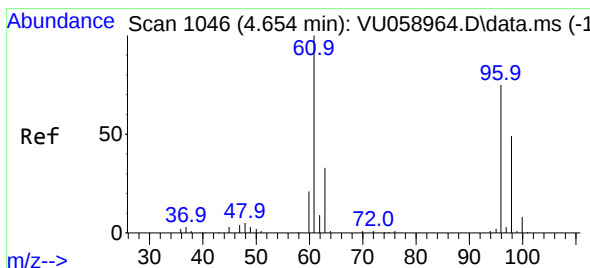
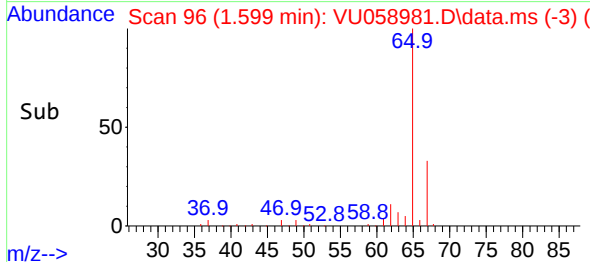
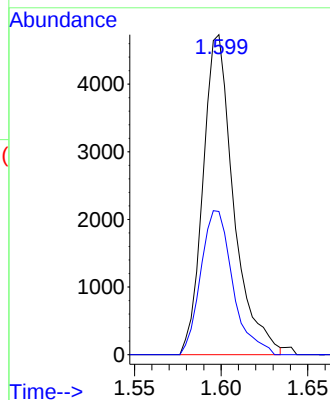
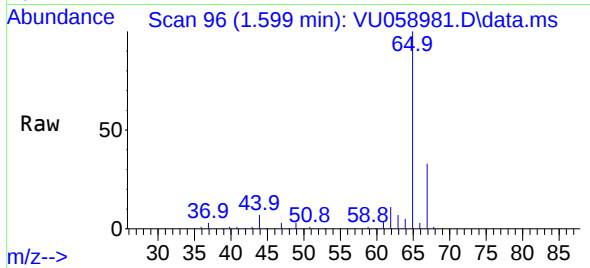




#5
 Vinyl chloride
 Concen: 4.115 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058981.D
 Acq: 24 May 2024 19:24

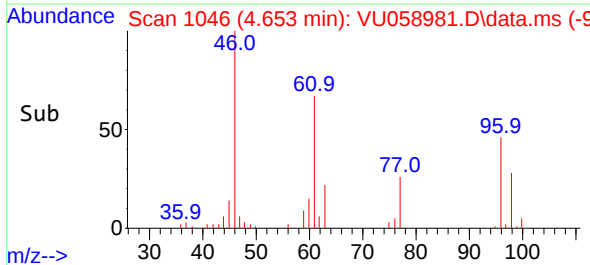
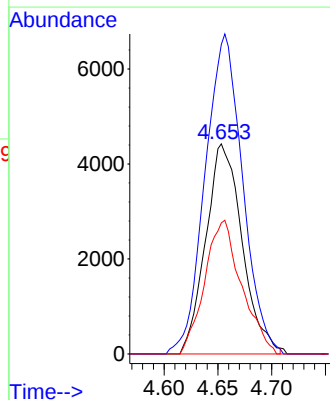
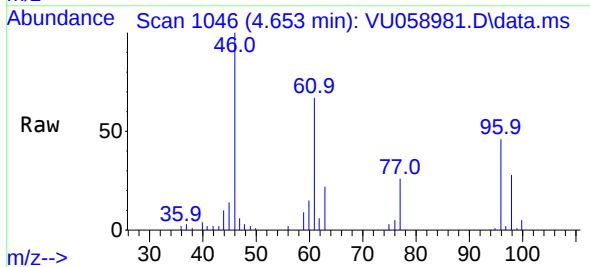
Instrument :
 MSVOA_U
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 BHHS6DL

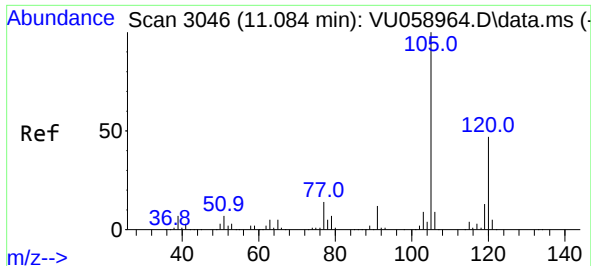
Tgt Ion: 62 Resp: 5821
 Ion Ratio Lower Upper
 62 100
 64 44.7 23.7 43.9#



#20
 cis-1,2-Dichloroethene
 Concen: 7.480 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU058981.D
 Acq: 24 May 2024 19:24

Tgt Ion: 96 Resp: 10412
 Ion Ratio Lower Upper
 96 100
 61 147.3 91.1 169.3
 98 62.3 44.4 82.4

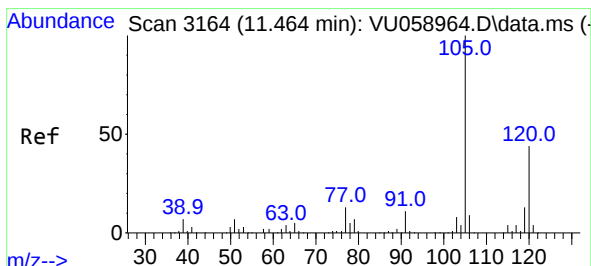
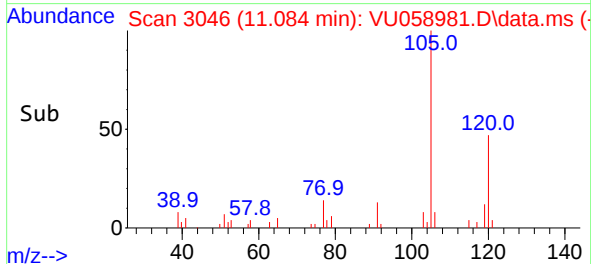
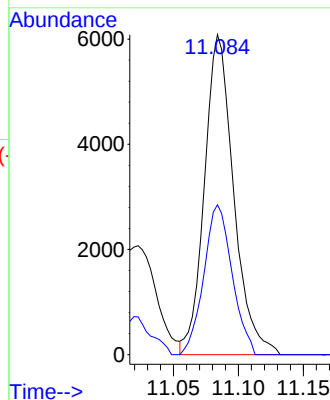
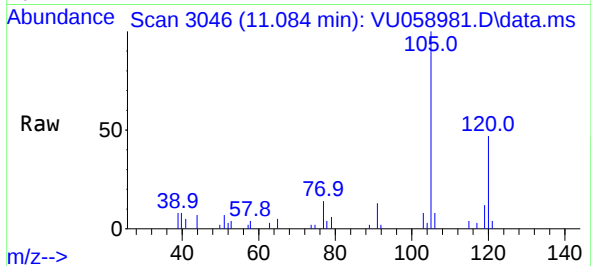




#62
1,3,5-Trimethylbenzene
Concen: 2.592 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058981.D
Acq: 24 May 2024 19:24

Instrument :
MSVOA_U
ClientSampleId :
BHHS6DL

Tgt Ion:105 Resp: 9511
Ion Ratio Lower Upper
105 100
120 45.3 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 7.045 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058981.D
Acq: 24 May 2024 19:24

Tgt Ion:105 Resp: 26067
Ion Ratio Lower Upper
105 100
120 41.3 35.3 52.9

