

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081022\
 Data File : VW027267.D
 Acq On : 10 Aug 2022 19:10
 Operator : SY/MD
 Sample : N4114-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E36

Quant Time: Aug 11 03:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

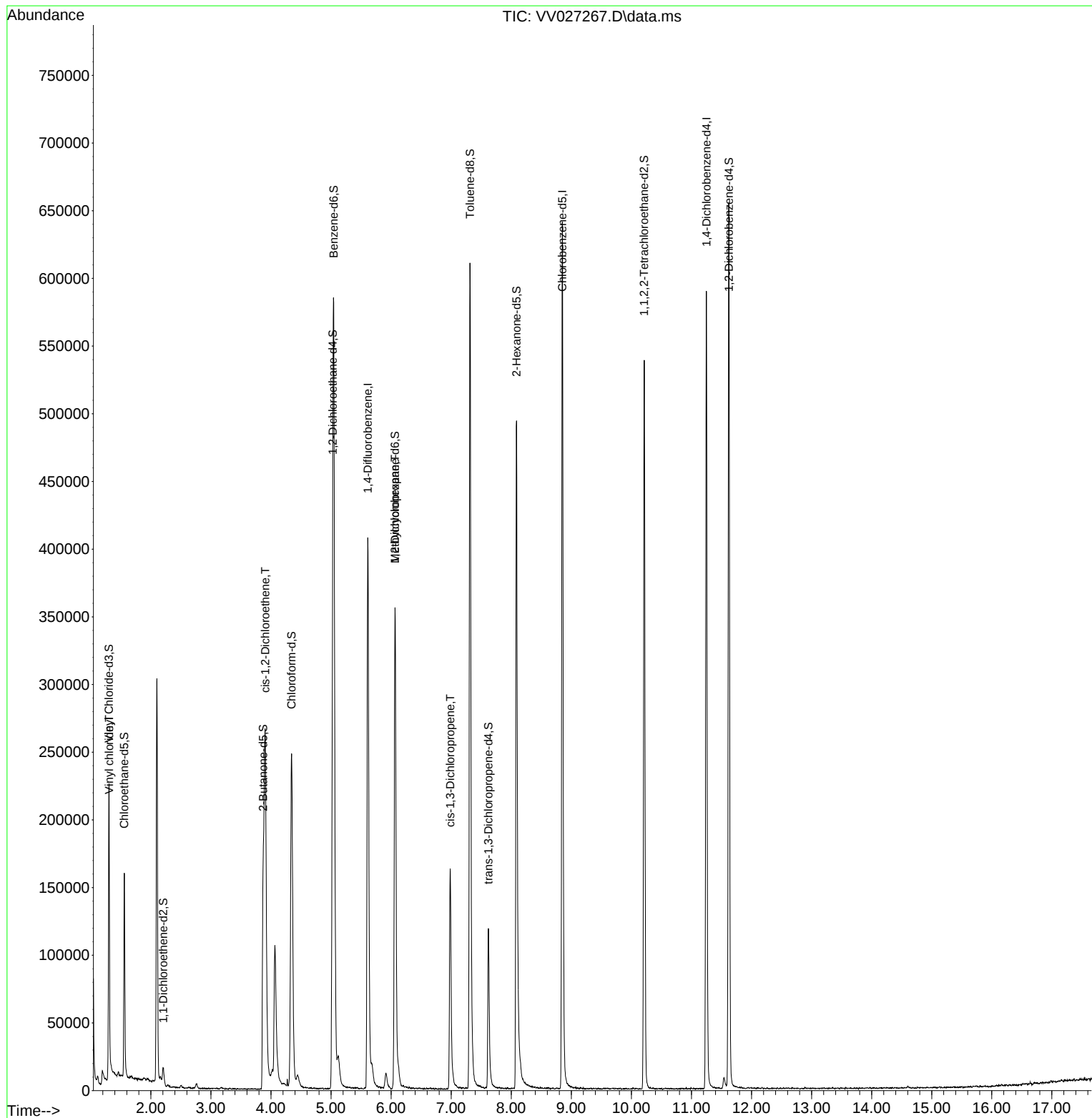
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	338314	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	350017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	146549	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	118939	51.566	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 103.140%		
7) Chloroethane-d5	1.558	69	101602	60.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 120.500%		
11) 1,1-Dichloroethene-d2	2.204	63	9701	2.299	ug/L	0.10
Spiked Amount 50.000	Range 60 - 125		Recovery	= 4.600%#		
21) 2-Butanone-d5	3.870	46	242177	117.956	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 117.960%		
24) Chloroform-d	4.342	84	253504	53.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 107.300%		
26) 1,2-Dichloroethane-d4	5.027	65	173620	59.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 118.380%		
32) Benzene-d6	5.043	84	492516	58.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 117.360%		
36) 1,2-Dichloropropane-d6	6.066	67	175355	58.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 117.460%		
41) Toluene-d8	7.313	98	414418	57.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 115.840%		
43) trans-1,3-Dichloroprop...	7.619	79	69395	53.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 106.640%		
47) 2-Hexanone-d5	8.088	63	162058	112.692	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 112.690%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	258384	53.103	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 106.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	159906	63.185	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 126.360%#		
Target Compounds						
5) Vinyl chloride	1.307	62	38133	11.133	ug/L	Qvalue 93
20) cis-1,2-Dichloroethene	3.905	96	123822	45.948	ug/L	88
35) Methylcyclohexane	6.066	83	41590	9.821	ug/L #	21
39) cis-1,3-Dichloropropene	6.985	75	4122	0.988	ug/L #	74

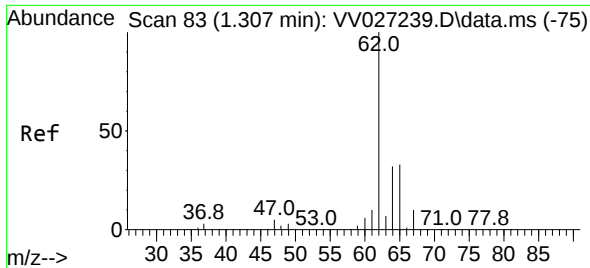
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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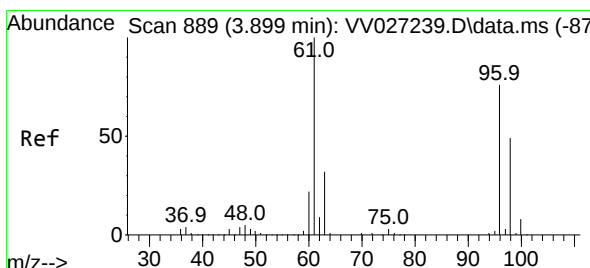
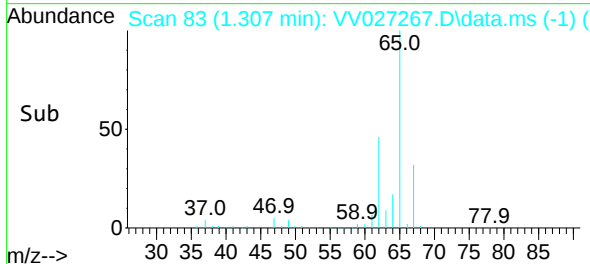
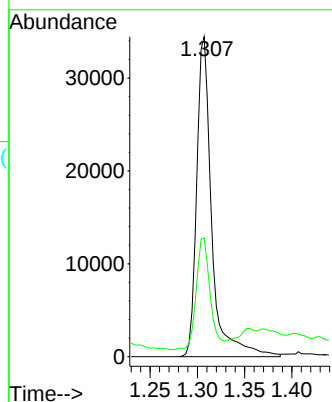
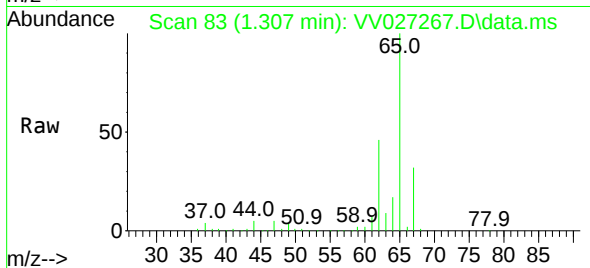




#5
 Vinyl chloride
 Concen: 11.133 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027267.D
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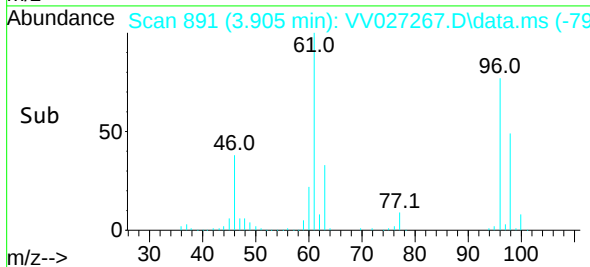
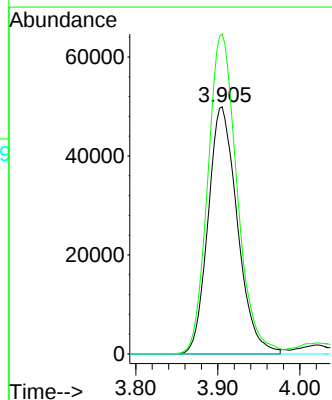
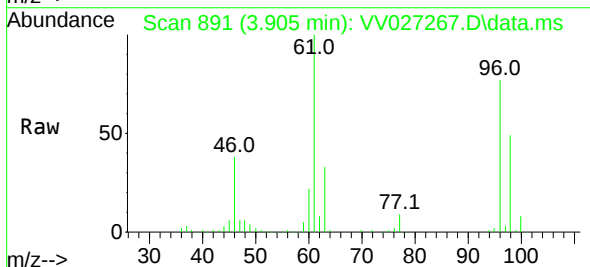
Instrument :
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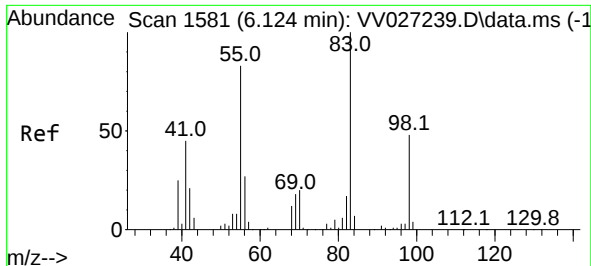
Tgt Ion: 62 Resp: 38133
 Ion Ratio Lower Upper
 62 100
 64 37.1 23.2 43.2



#20
 cis-1,2-Dichloroethene
 Concen: 45.948 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027267.D
 Acq: 10 Aug 2022 19:10

Tgt Ion: 96 Resp: 123822
 Ion Ratio Lower Upper
 96 100
 61 129.4 81.8 151.8
 68 0.0 0.0 0.0

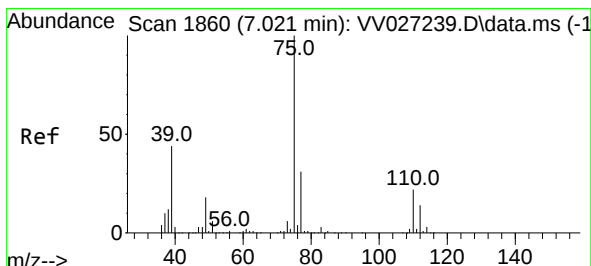
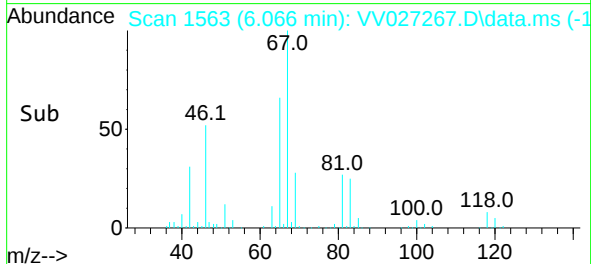
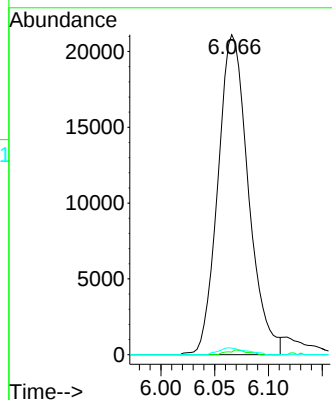
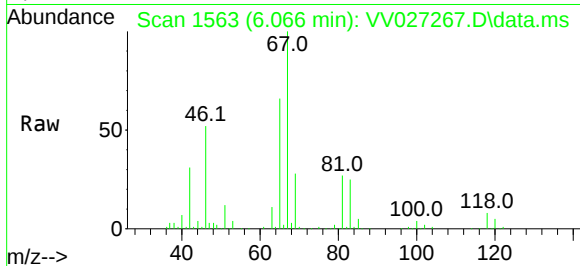




#35
Methylcyclohexane
Concen: 9.821 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
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Tgt Ion: 83 Resp: 41590
Ion Ratio Lower Upper
83 100
55 0.7 55.5 83.3#
98 0.0 39.0 58.4#



#39
cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV027267.D
Acq: 10 Aug 2022 19:10

Tgt Ion: 75 Resp: 4122
Ion Ratio Lower Upper
75 100
77 46.4 22.5 41.7#

