

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027234.D
 Acq On : 05 Aug 2022 19:02
 Operator : SY/MD
 Sample : N4021-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

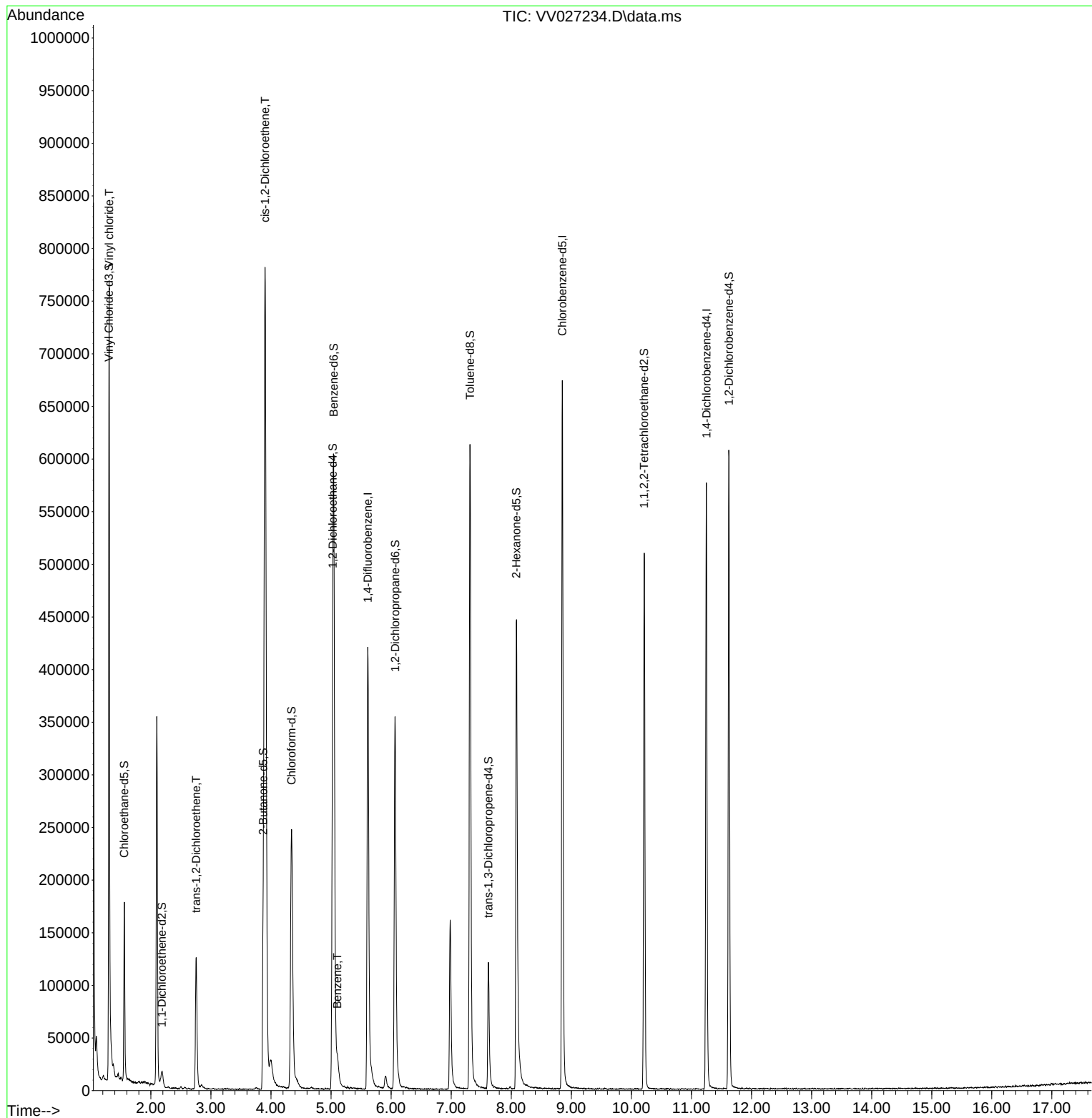
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	360109	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	360956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142388	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152678	62.187	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	124.380%	
7) Chloroethane-d5	1.558	69	112684	62.782	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	125.560%	
11) 1,1-Dichloroethene-d2	2.182	63	9980	2.222	ug/L	0.08
Spiked Amount 50.000	Range 60	- 125	Recovery	=	4.440%#	
21) 2-Butanone-d5	3.870	46	218320	99.900	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	99.900%	
24) Chloroform-d	4.343	84	251719	50.053	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.100%	
26) 1,2-Dichloroethane-d4	5.027	65	183629	58.810	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	117.620%	
32) Benzene-d6	5.043	84	527405	60.930	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	121.860%	
36) 1,2-Dichloropropane-d6	6.066	67	177300	57.582	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	115.160%	
41) Toluene-d8	7.313	98	419601	56.871	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.740%	
43) trans-1,3-Dichloroprop...	7.619	79	69562	51.831	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.660%	
47) 2-Hexanone-d5	8.085	63	145229	97.929	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.930%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	244644	48.755	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	97.520%	
66) 1,2-Dichlorobenzene-d4	11.622	152	149407	60.761	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	121.520%#	
Target Compounds						
5) Vinyl chloride	1.307	62	381370	104.607	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	44025	15.944	ug/L	93
20) cis-1,2-Dichloroethene	3.902	96	399938	139.428	ug/L	85
33) Benzene	5.101	78	8902	0.767	ug/L	100

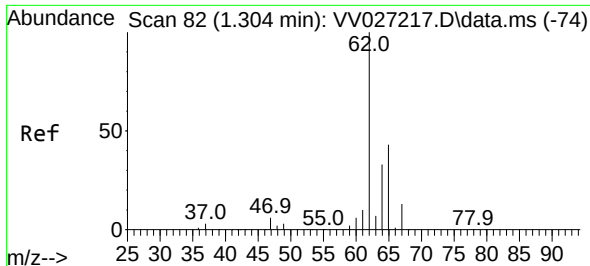
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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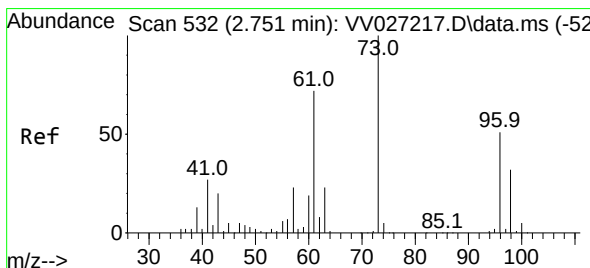
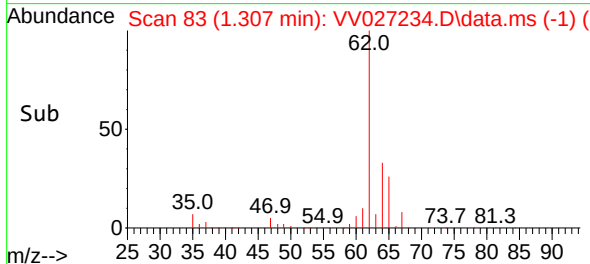
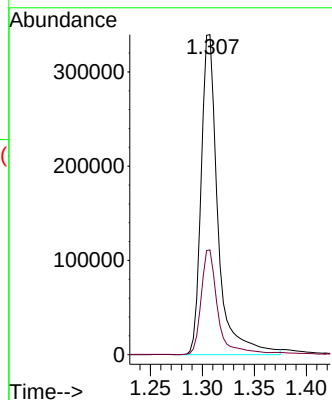
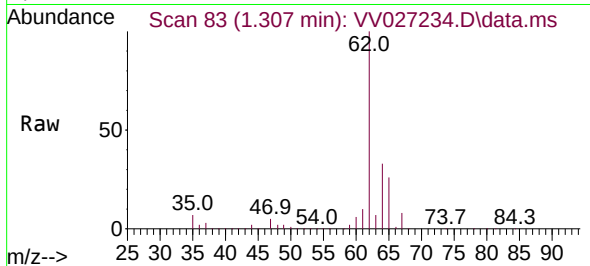




#5
 Vinyl chloride
 Concen: 104.607 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027234.D
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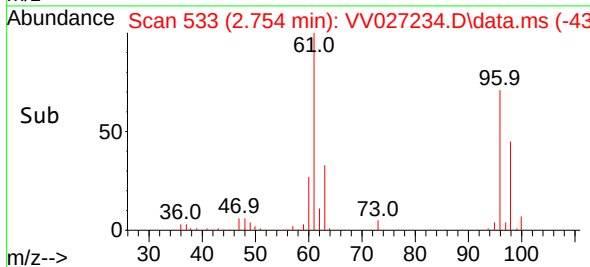
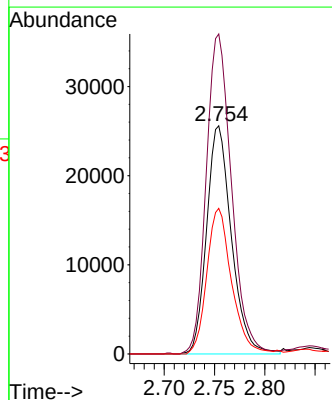
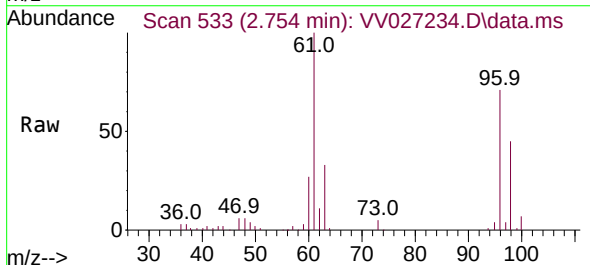
Instrument :
 MSVOA_V
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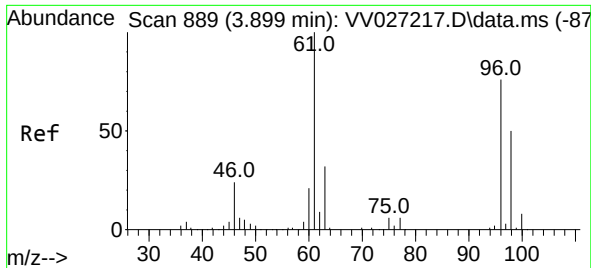
Tgt Ion: 62 Resp: 381370
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#17
 trans-1,2-Dichloroethene
 Concen: 15.944 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.003 min
 Lab File: VV027234.D
 Acq: 05 Aug 2022 19:02

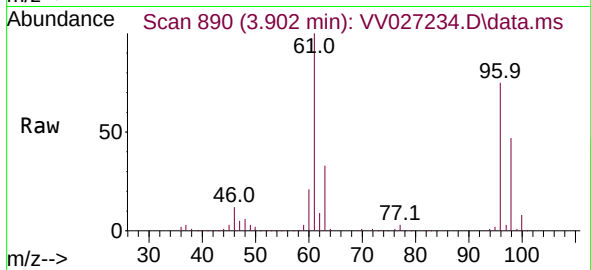
Tgt Ion: 96 Resp: 44025
 Ion Ratio Lower Upper
 96 100
 61 140.3 89.2 165.6
 98 63.8 44.6 82.8



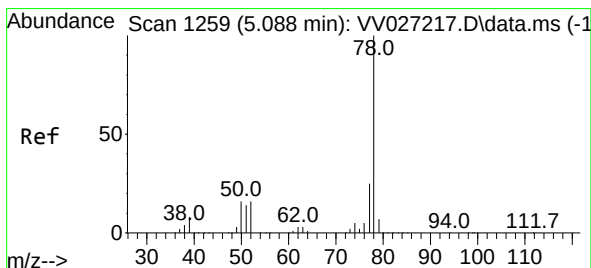
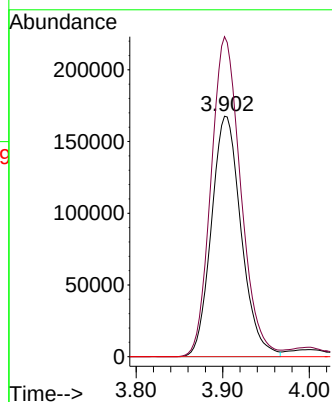
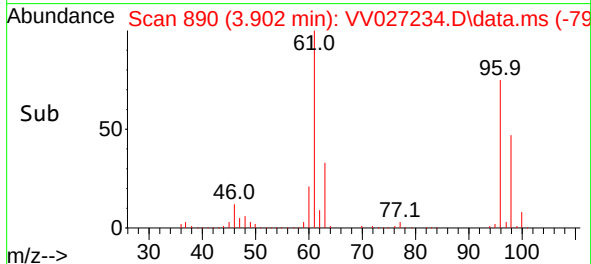


#20
 cis-1,2-Dichloroethene
 Concen: 139.428 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV027234.D
 Acq: 05 Aug 2022 19:02

Instrument :
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 ClientSampleId :



Tgt Ion: 96 Resp: 399938
 Ion Ratio Lower Upper
 96 100
 61 133.1 81.8 151.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.767 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.013 min
 Lab File: VV027234.D
 Acq: 05 Aug 2022 19:02

Tgt Ion: 78 Resp: 8902

