

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037150.D
 Acq On : 29 Aug 2024 12:33
 Operator : SY/MD
 Sample : P3691-16
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K67

Quant Time: Aug 29 23:41:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 23:38:00 2024
 Response via : Initial Calibration

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

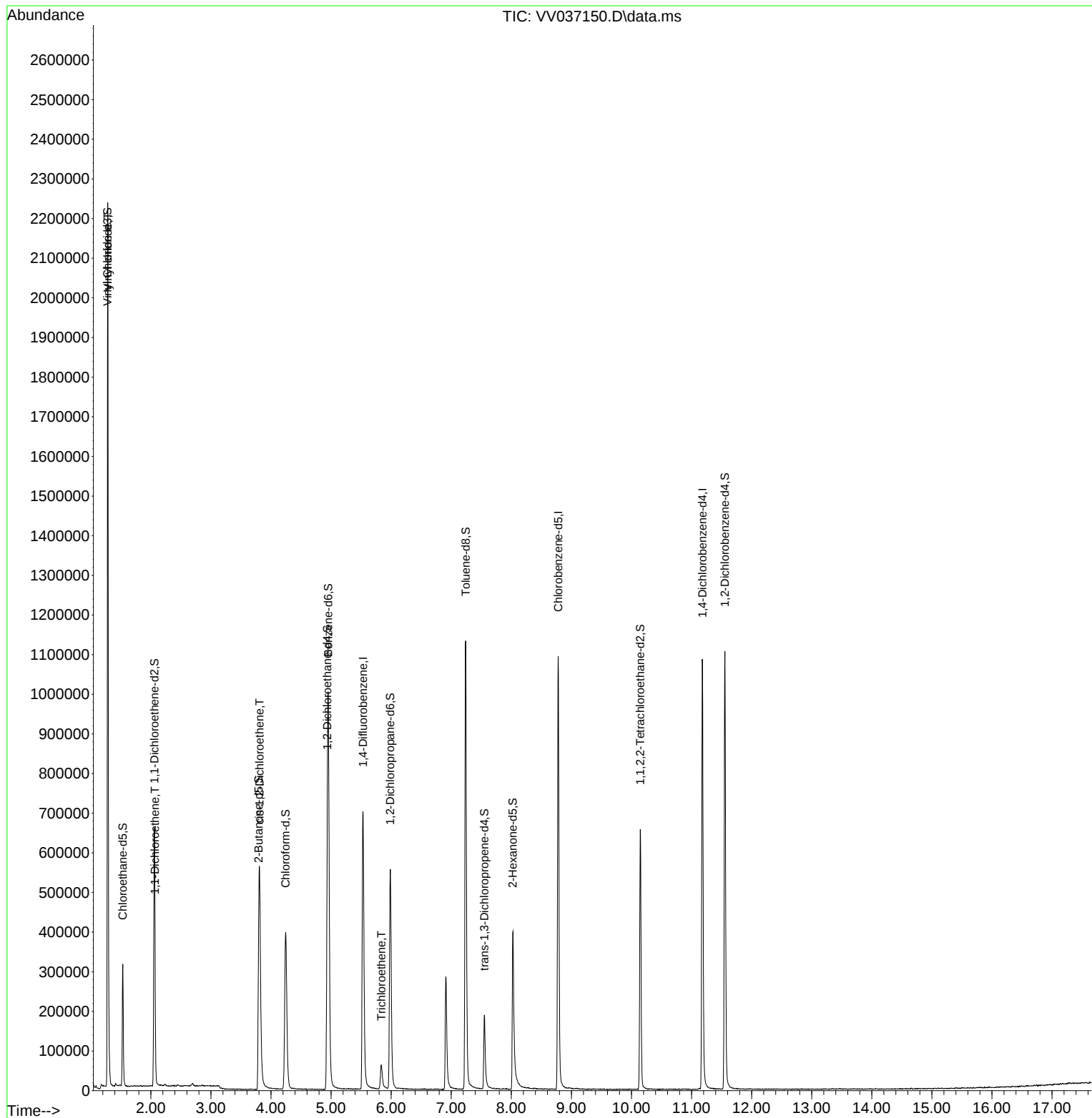
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	610795	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	595500	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	280021	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265827	47.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.160%		
7) Chloroethane-d5	1.532	69	201311	46.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.240%		
11) 1,1-Dichloroethene-d2	2.060	65	108298	46.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.240%		
21) 2-Butanone-d5	3.796	46	214025	98.917	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.920%		
24) Chloroform-d	4.243	84	423040	48.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
26) 1,2-Dichloroethane-d4	4.937	65	265682	48.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.500%		
32) Benzene-d6	4.953	84	857818	47.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.380%		
36) 1,2-Dichloropropane-d6	5.986	67	274090	48.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.300%		
41) Toluene-d8	7.239	98	741449	45.676	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.360%		
43) trans-1,3-Dichloroprop...	7.551	79	110713	42.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.960%		
47) 2-Hexanone-d5	8.024	63	140448	91.348	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.350%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	322987	47.272	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.540%		
66) 1,2-Dichlorobenzene-d4	11.554	152	275381	49.103	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	1212240	222.459	ug/L	100
12) 1,1-Dichloroethene	2.069	96	10398	2.609	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	257794	56.396	ug/L	99
34) Trichloroethene	5.838	95	23040	5.079	ug/L	93

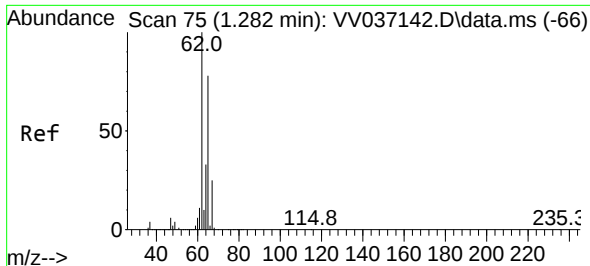
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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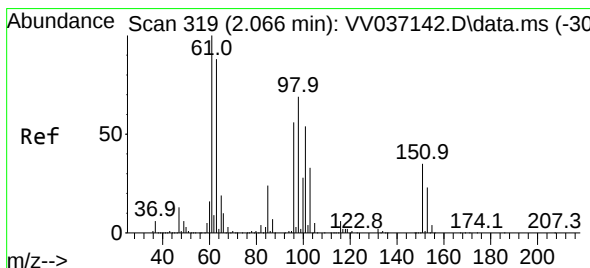
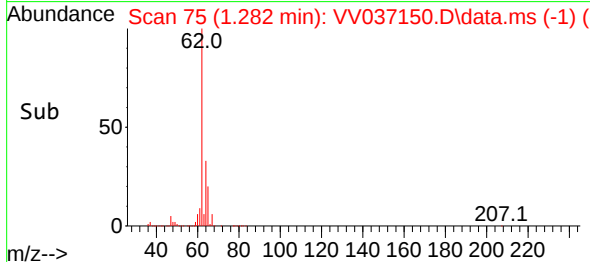
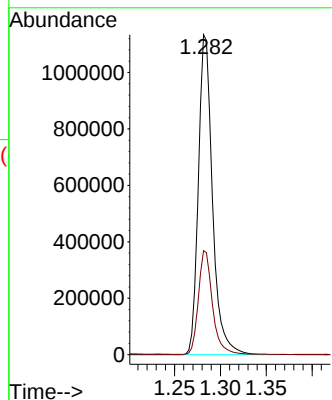
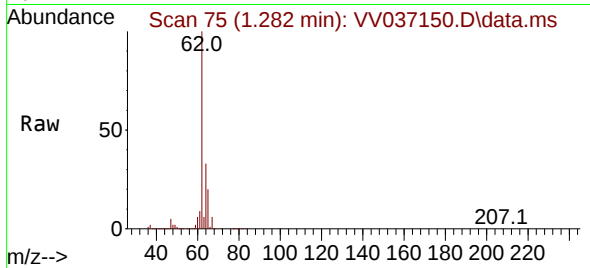




#5
 Vinyl chloride
 Concen: 222.459 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV037150.D
 Acq: 29 Aug 2024 12:33

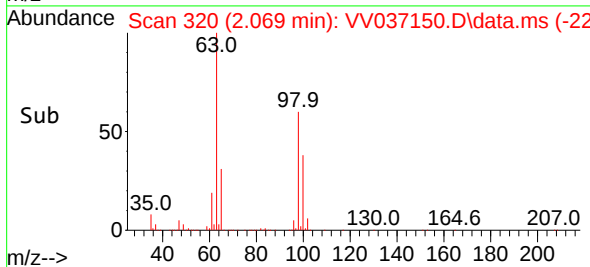
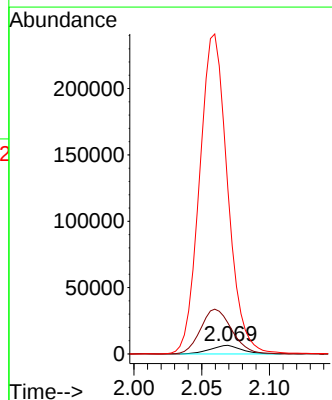
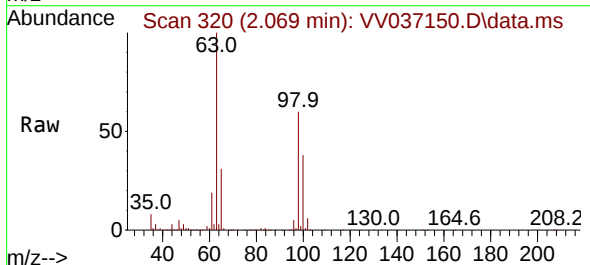
Instrument :
 MSVOA_V
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 E1K67

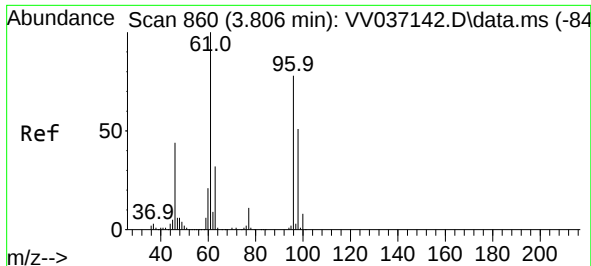
Tgt Ion: 62 Resp: 1212240
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 2.609 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037150.D
 Acq: 29 Aug 2024 12:33

Tgt Ion: 96 Resp: 10398
 Ion Ratio Lower Upper
 96 100
 61 361.3 123.8 229.8#
 63 1920.4 96.5 179.1#

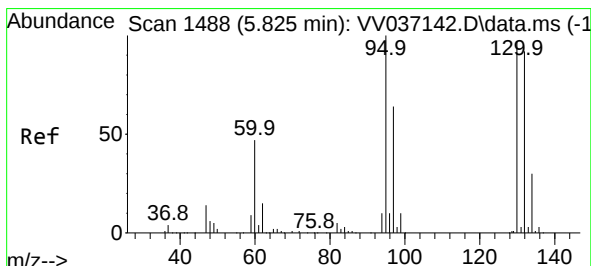
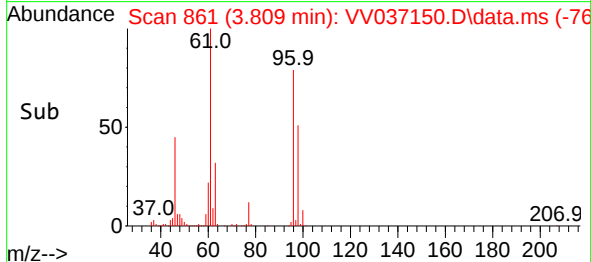
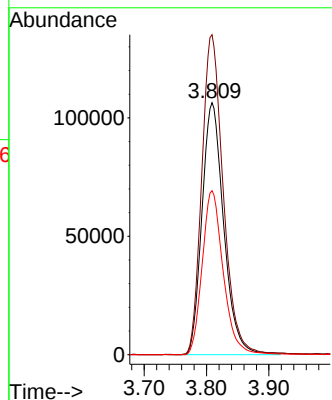
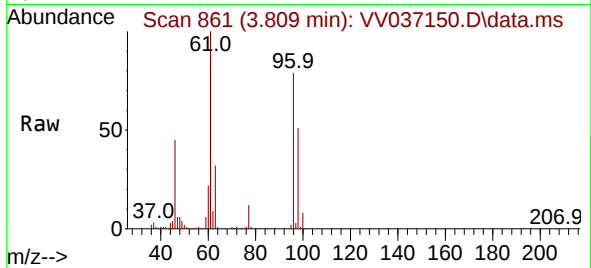




#20
 cis-1,2-Dichloroethene
 Concen: 56.396 ug/L
 RT: 3.809 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV037150.D
 Acq: 29 Aug 2024 12:33

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K67

Tgt Ion: 96 Resp: 257794
 Ion Ratio Lower Upper
 96 100
 61 127.0 89.9 166.9
 98 65.1 44.8 83.2



#34
 Trichloroethene
 Concen: 5.079 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.013 min
 Lab File: VV037150.D
 Acq: 29 Aug 2024 12:33

Tgt Ion: 95 Resp: 23040
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.4 82.5
 132 81.7 64.9 120.5
 130 91.9 69.4 129.0

