

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037059.D
 Acq On : 27 Aug 2024 03:35
 Operator : SY/MD
 Sample : P3691-14
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 04:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

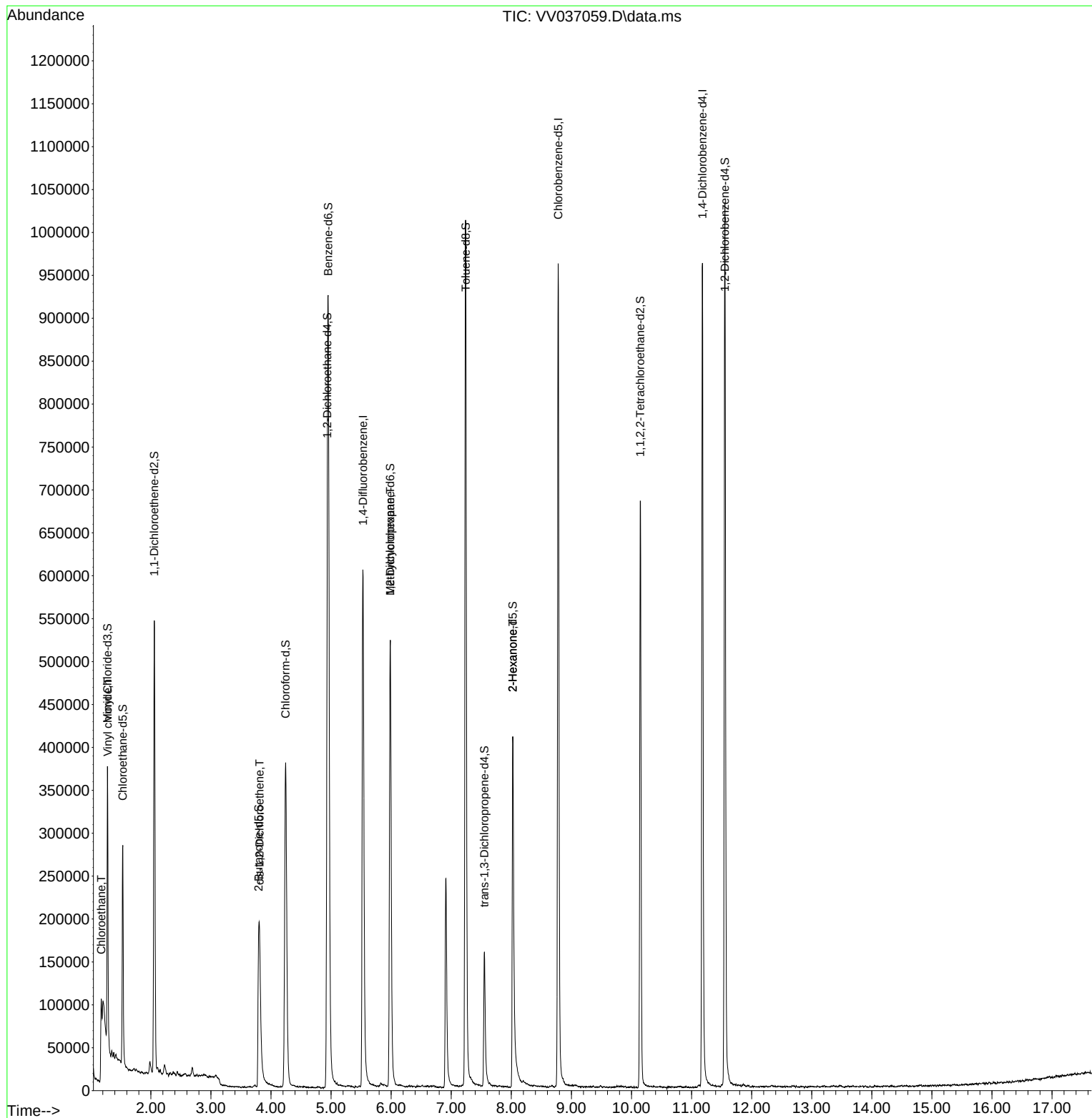
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	527166	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	512530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	243848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	191026	39.613	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.220%		
7) Chloroethane-d5	1.532	69	173931	46.668	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.340%		
11) 1,1-Dichloroethene-d2	2.056	65	88341	43.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.180%		
21) 2-Butanone-d5	3.793	46	208401	111.597	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.600%		
24) Chloroform-d	4.243	84	397712	52.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.400%		
26) 1,2-Dichloroethane-d4	4.937	65	260501	54.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.620%		
32) Benzene-d6	4.953	84	783367	50.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.200%		
36) 1,2-Dichloropropane-d6	5.986	67	261096	53.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.700%		
41) Toluene-d8	7.240	98	685793	49.086	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.180%		
43) trans-1,3-Dichloroprop...	7.551	79	96225	42.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
47) 2-Hexanone-d5	8.024	63	144662	109.320	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.320%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	331547	56.381	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.760%		
66) 1,2-Dichlorobenzene-d4	11.554	152	258234	52.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.760%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	25820	5.490	ug/L #	1
8) Chloroethane	1.175	64	82195	28.572	ug/L #	51
20) cis-1,2-Dichloroethene	3.809	96	52355	13.270	ug/L	97
35) Methylcyclohexane	5.986	83	59310	9.350	ug/L #	19
48) 2-Hexanone	8.024	43	17351	5.565	ug/L #	78

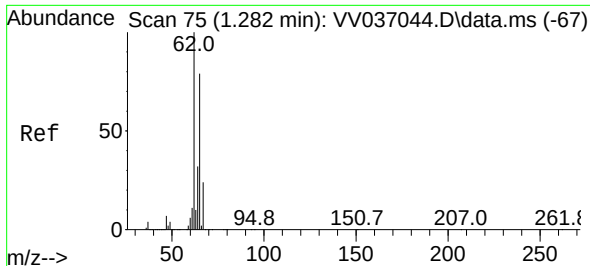
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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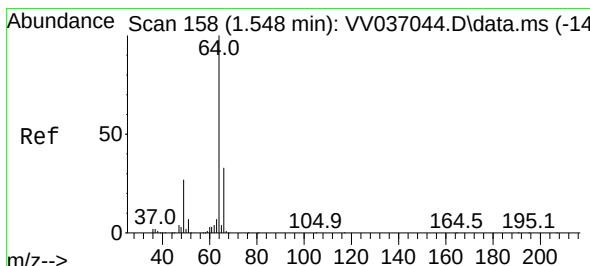
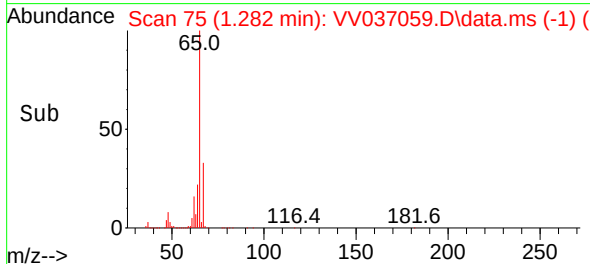
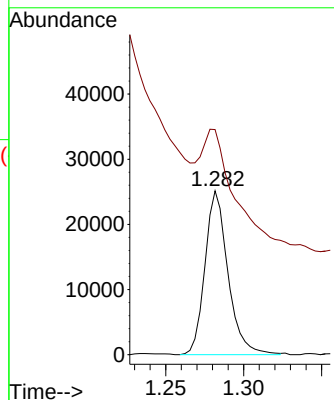
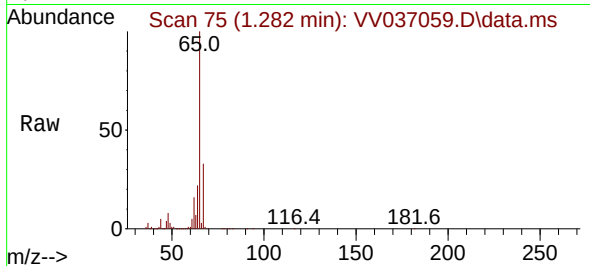




#5
 Vinyl chloride
 Concen: 5.490 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037059.D
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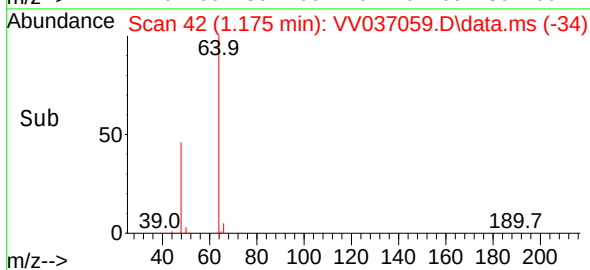
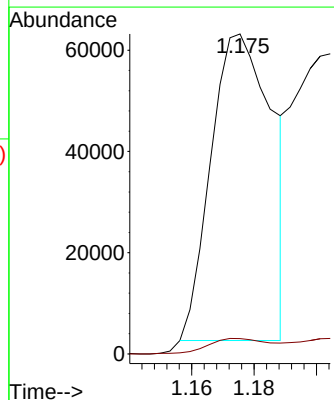
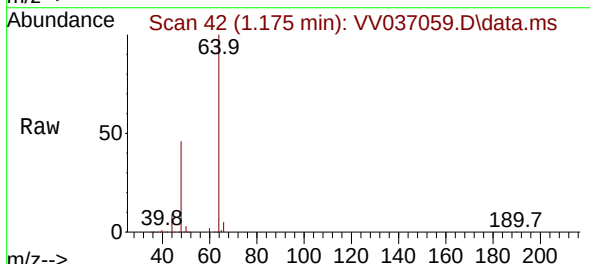
Instrument :
 MSVOA_V
 ClientSampleId :

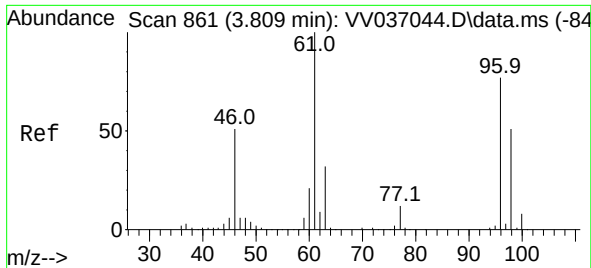
Tgt Ion: 62 Resp: 25820
 Ion Ratio Lower Upper
 62 100
 64 137.4 22.8 42.4#



#8
 Chloroethane
 Concen: 28.572 ug/L
 RT: 1.175 min Scan# 42
 Delta R.T. -0.373 min
 Lab File: VV037059.D
 Acq: 27 Aug 2024 03:35

Tgt Ion: 64 Resp: 82195
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.8 42.4#

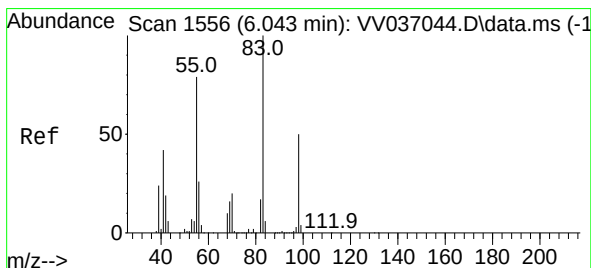
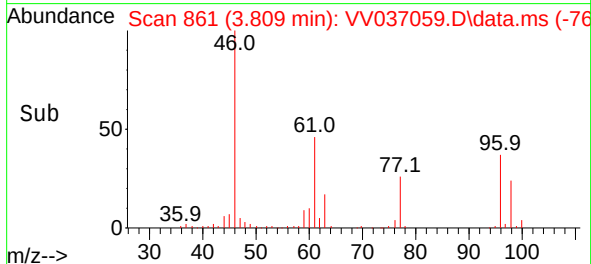
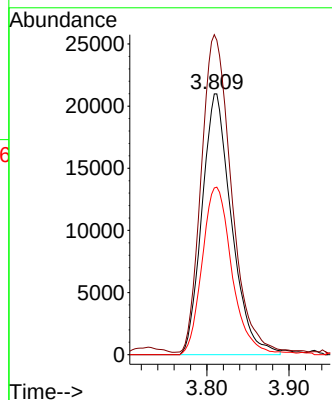
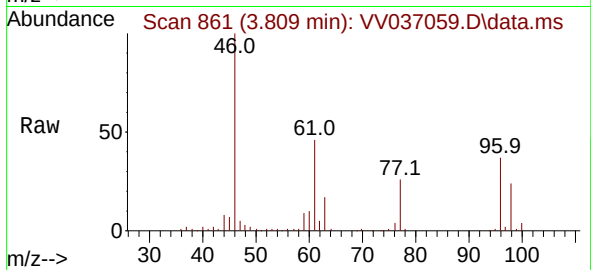




#20
 cis-1,2-Dichloroethene
 Concen: 13.270 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037059.D
 Acq: 27 Aug 2024 03:35

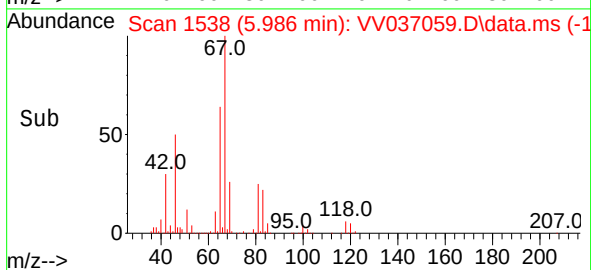
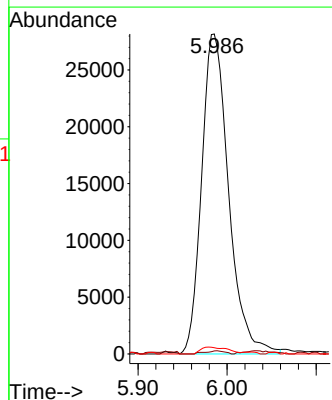
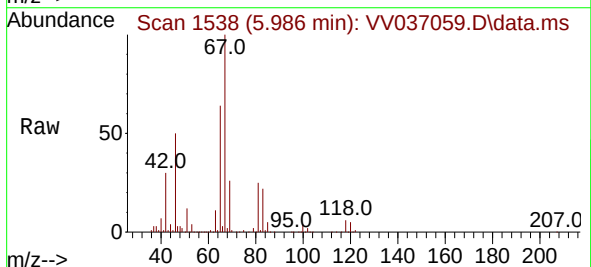
Instrument :
 MSVOA_V
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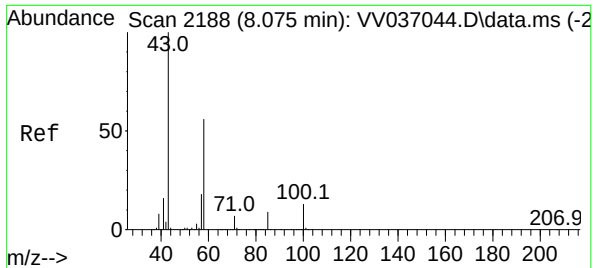
Tgt Ion: 96 Resp: 52355
 Ion Ratio Lower Upper
 96 100
 61 122.7 89.9 166.9
 98 63.9 44.8 83.2



#35
 Methylcyclohexane
 Concen: 9.350 ug/L
 RT: 5.986 min Scan# 1538
 Delta R.T. -0.058 min
 Lab File: VV037059.D
 Acq: 27 Aug 2024 03:35

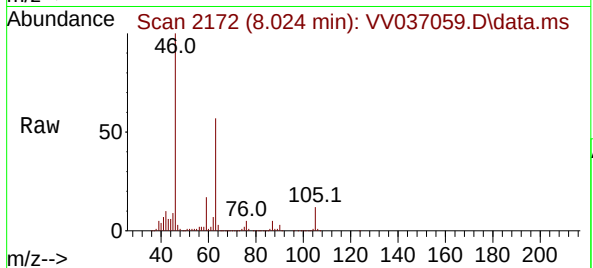
Tgt Ion: 83 Resp: 59310
 Ion Ratio Lower Upper
 83 100
 55 0.5 61.2 91.8#
 98 1.4 39.3 58.9#





#48
 2-Hexanone
 Concen: 5.565 ug/L
 RT: 8.024 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV037059.D
 Acq: 27 Aug 2024 03:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 17351
Ion Ratio	Lower Upper
43 100	
58 41.7	46.0 69.0#
57 28.6	15.6 23.4#
100 2.5	10.6 16.0#

