

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037149.D
 Acq On : 29 Aug 2024 12:12
 Operator : SY/MD
 Sample : P3691-20DL 40X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 23:41:07 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)

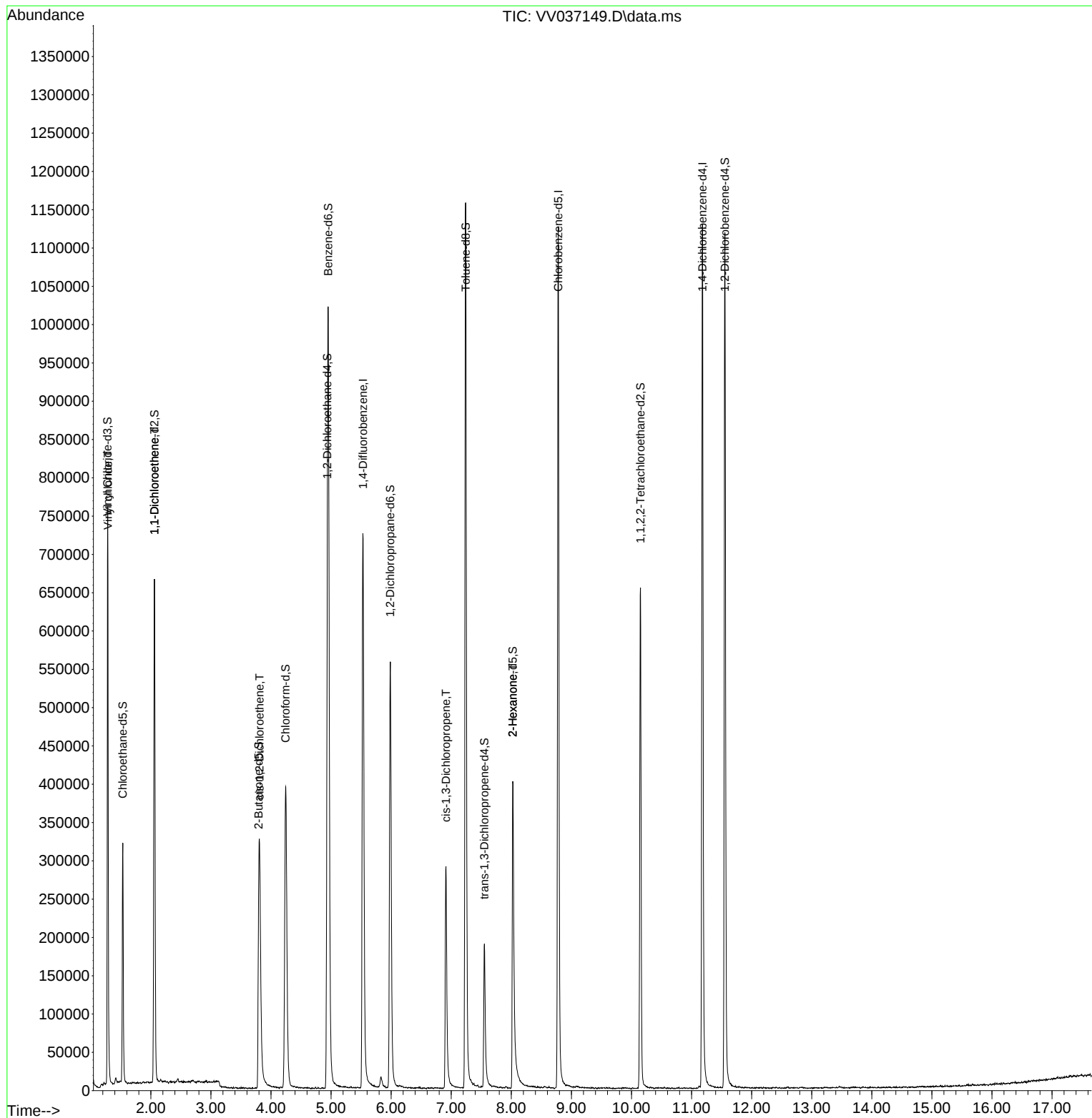
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	629132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	610697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	286180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261535	45.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.880%		
7) Chloroethane-d5	1.532	69	207136	46.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.140%		
11) 1,1-Dichloroethene-d2	2.060	65	111374	46.044	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.080%		
21) 2-Butanone-d5	3.796	46	213085	95.612	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.610%		
24) Chloroform-d	4.243	84	416875	46.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.560%		
26) 1,2-Dichloroethane-d4	4.937	65	271917	47.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
32) Benzene-d6	4.953	84	861191	46.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.380%		
36) 1,2-Dichloropropane-d6	5.985	67	277591	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.100%		
41) Toluene-d8	7.239	98	764893	45.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.900%		
43) trans-1,3-Dichloroprop...	7.551	79	111658	41.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.540%		
47) 2-Hexanone-d5	8.024	63	140562	89.147	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.150%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	320034	45.675	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.340%		
66) 1,2-Dichlorobenzene-d4	11.554	152	276611	48.261	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.520%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	252123	44.919	ug/L	98
12) 1,1-Dichloroethene	2.060	96	3287	0.801	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	123771	26.287	ug/L	100
39) cis-1,3-Dichloropropene	6.911	75	8032	1.077	ug/L #	60
48) 2-Hexanone	8.024	43	16616	4.473	ug/L #	57

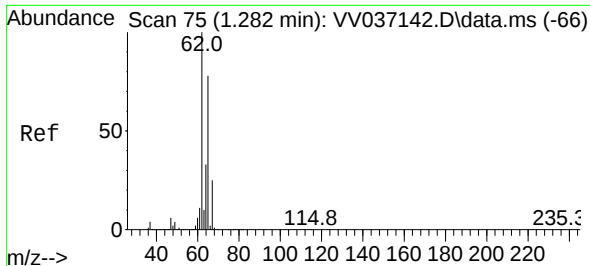
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 29 23:38:00 2024
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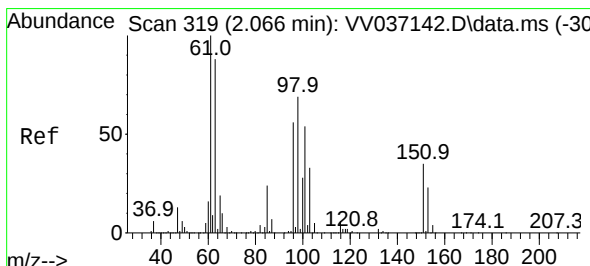
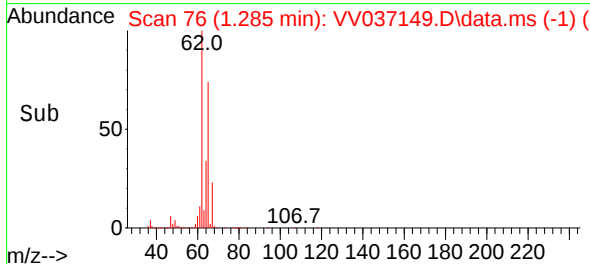
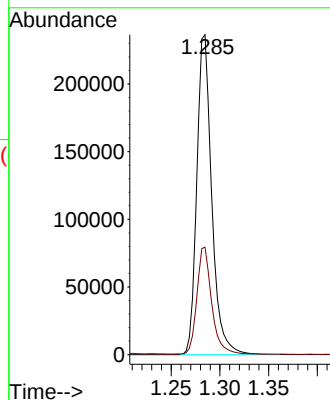
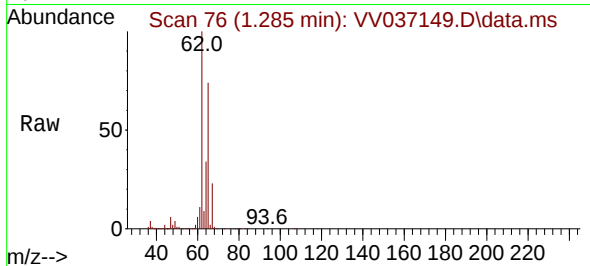




#5
 Vinyl chloride
 Concen: 44.919 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV037149.D
 Acq: 29 Aug 2024 12:12

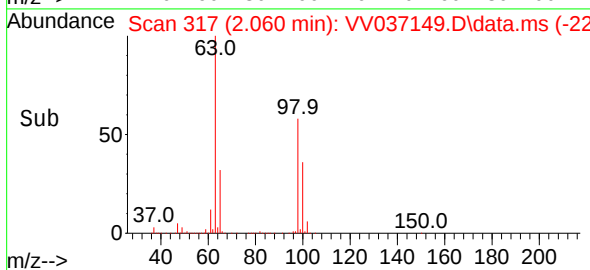
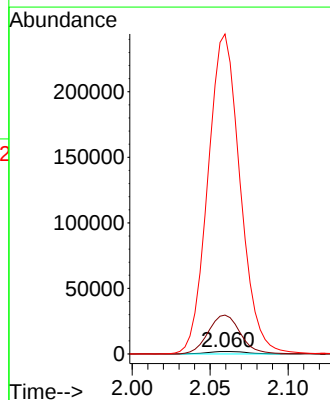
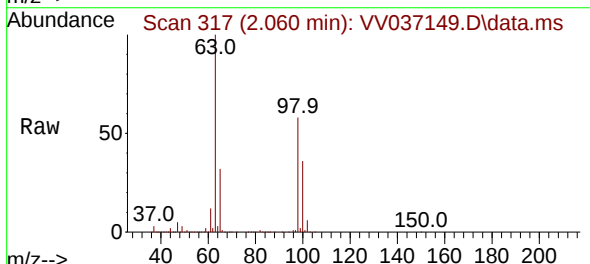
Instrument :
 MSVOA_V
 ClientSampleId :

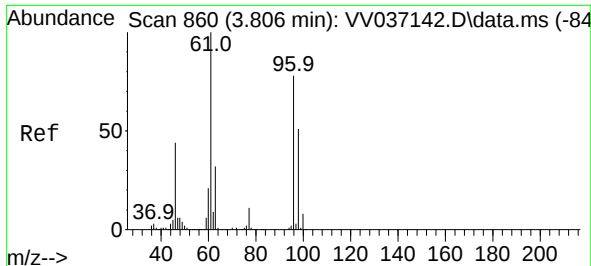
Tgt Ion: 62 Resp: 252123
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.801 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.007 min
 Lab File: VV037149.D
 Acq: 29 Aug 2024 12:12

Tgt Ion: 96 Resp: 3287
 Ion Ratio Lower Upper
 96 100
 61 1578.7 123.8 229.8#
 63 12970.0 96.5 179.1#





#20

cis-1,2-Dichloroethene

Concen: 26.287 ug/L

RT: 3.809 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV037149.D

Acq: 29 Aug 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :

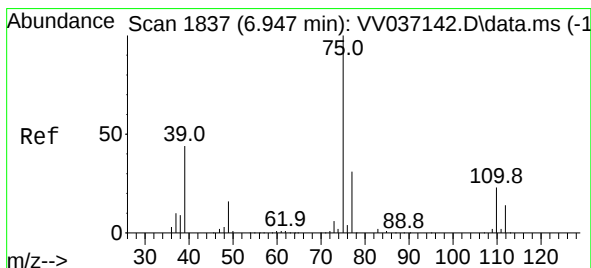
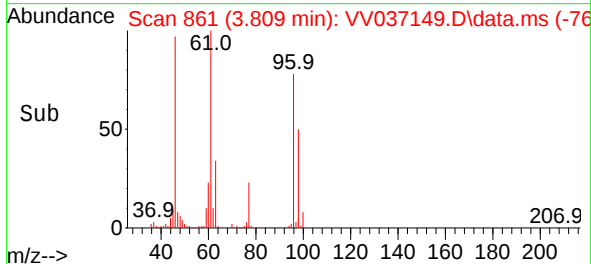
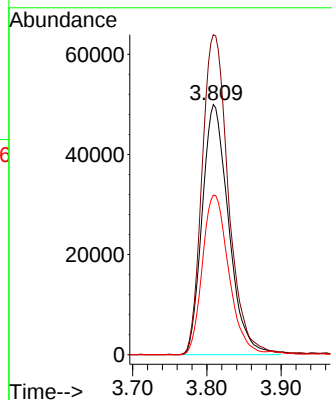
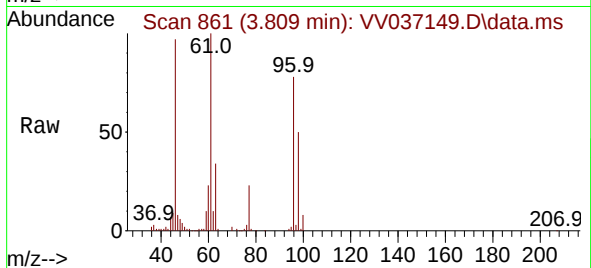
Tgt Ion: 96 Resp: 123771

Ion Ratio Lower Upper

96 100

61 128.0 89.9 166.9

98 63.8 44.8 83.2



#39

cis-1,3-Dichloropropene

Concen: 1.077 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.036 min

Lab File: VV037149.D

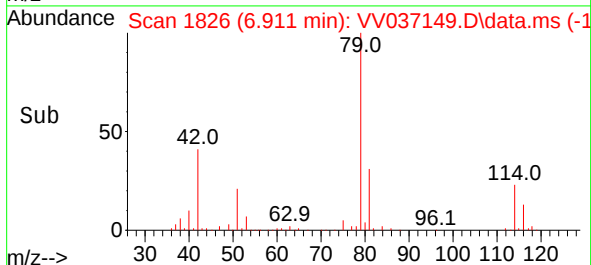
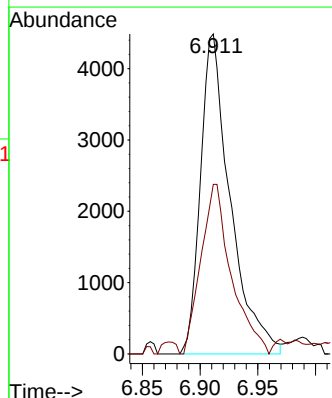
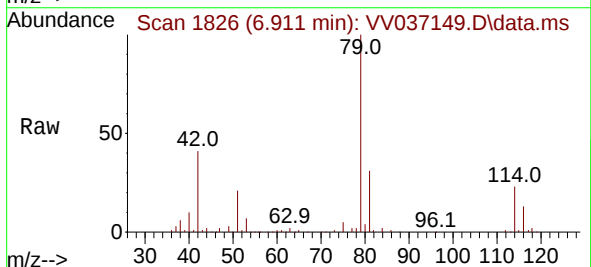
Acq: 29 Aug 2024 12:12

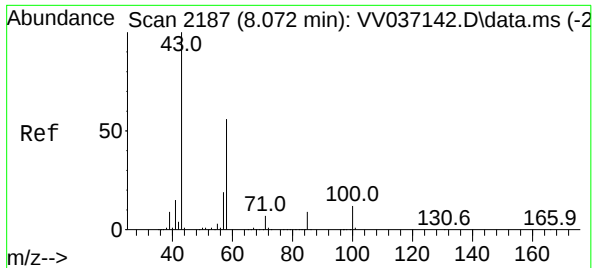
Tgt Ion: 75 Resp: 8032

Ion Ratio Lower Upper

75 100

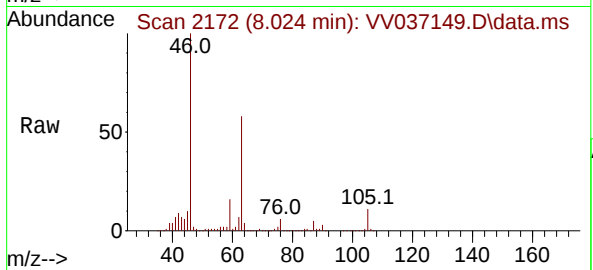
77 53.0 21.7 40.3#





#48
 2-Hexanone
 Concen: 4.473 ug/L
 RT: 8.024 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV037149.D
 Acq: 29 Aug 2024 12:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 16616

Ion	Ratio	Lower	Upper
43	100		
58	19.2	46.0	69.0#
57	32.3	15.6	23.4#
100	1.5	10.6	16.0#

