

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037061.D
 Acq On : 27 Aug 2024 04:18
 Operator : SY/MD
 Sample : P3691-16
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K67

Quant Time: Aug 27 05:01:55 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)

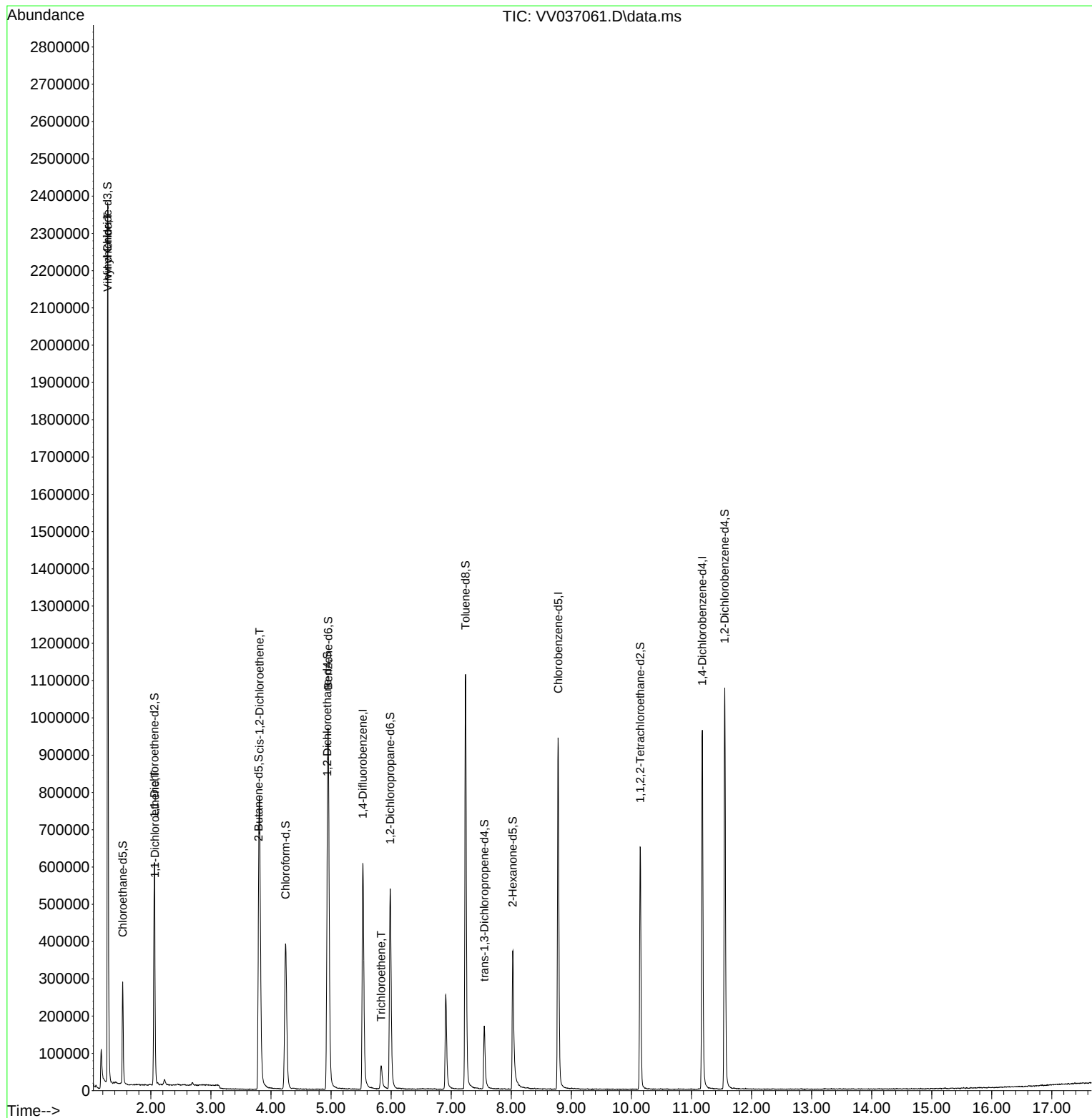
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	525021	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	511100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	239477	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224403	46.725	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.440%		
7) Chloroethane-d5	1.532	69	185125	49.875	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.740%		
11) 1,1-Dichloroethene-d2	2.059	65	97865	48.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.960%		
21) 2-Butanone-d5	3.793	46	210845	113.368	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.370%		
24) Chloroform-d	4.243	84	414760	55.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.360%		
26) 1,2-Dichloroethane-d4	4.937	65	263864	55.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.480%		
32) Benzene-d6	4.953	84	833188	53.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.940%		
36) 1,2-Dichloropropane-d6	5.985	67	268918	55.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.240%		
41) Toluene-d8	7.239	98	731562	52.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.020%		
43) trans-1,3-Dichloroprop...	7.551	79	101139	45.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.420%		
47) 2-Hexanone-d5	8.024	63	131243	99.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.460%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	322888	55.062	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.120%		
66) 1,2-Dichlorobenzene-d4	11.554	152	269925	56.278	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	1319791	281.764	ug/L	100
12) 1,1-Dichloroethene	2.066	96	10106	2.950	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	385775	98.181	ug/L	99
34) Trichloroethene	5.834	95	23552	6.050	ug/L	97

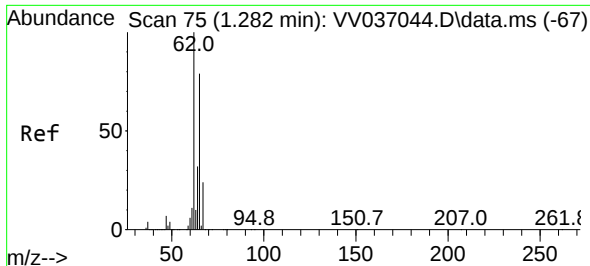
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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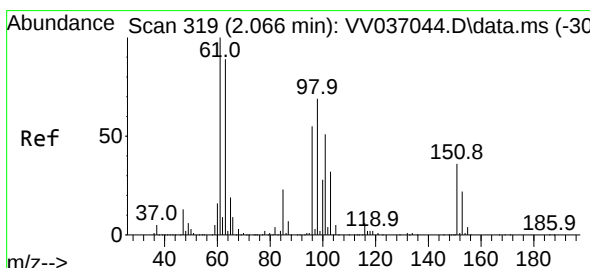
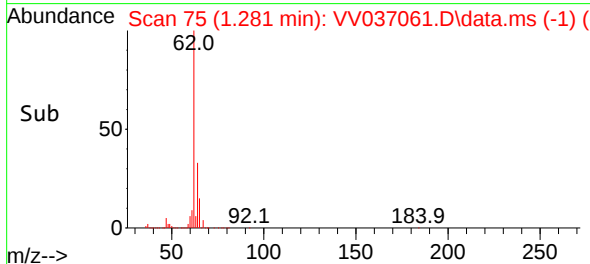
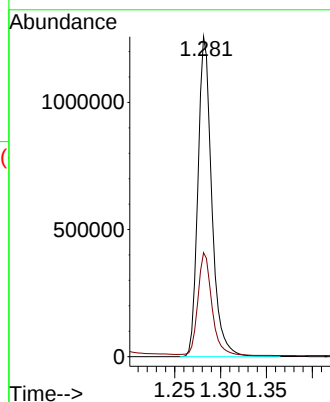
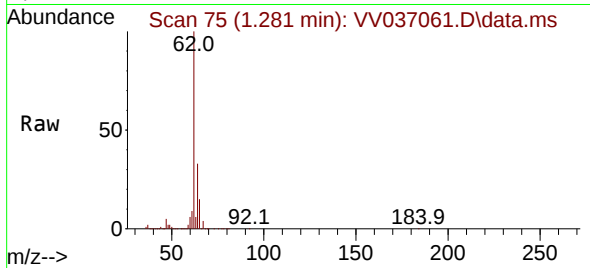




#5
 Vinyl chloride
 Concen: 281.764 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037061.D
 Acq: 27 Aug 2024 04:18

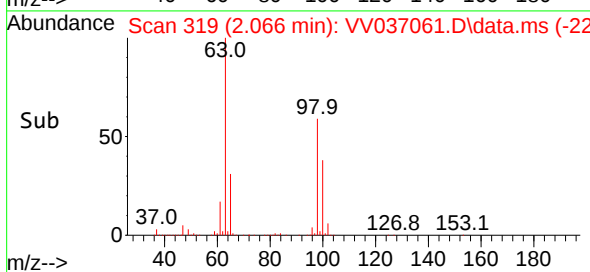
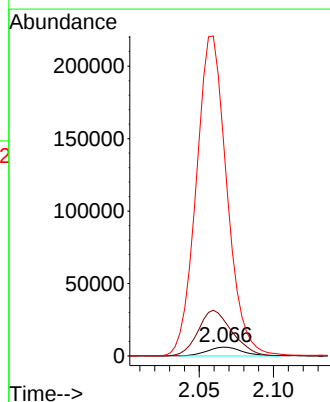
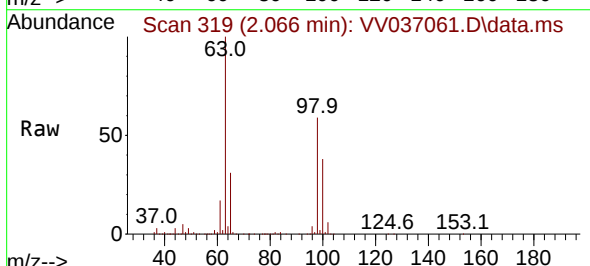
Instrument :
 MSVOA_V
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 E1K67

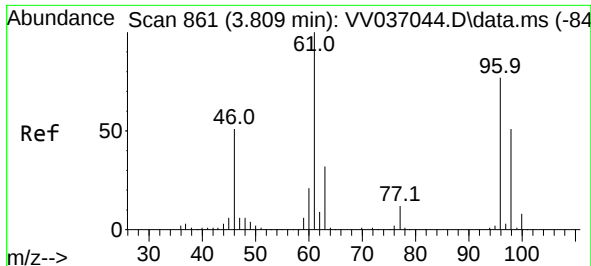
Tgt Ion: 62 Resp: 1319791
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 2.950 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037061.D
 Acq: 27 Aug 2024 04:18

Tgt Ion: 96 Resp: 10106
 Ion Ratio Lower Upper
 96 100
 61 423.6 123.8 229.8#
 63 2529.6 96.5 179.1#

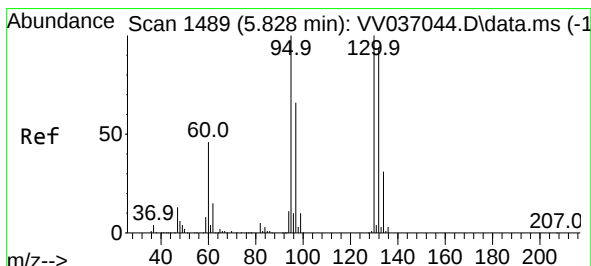
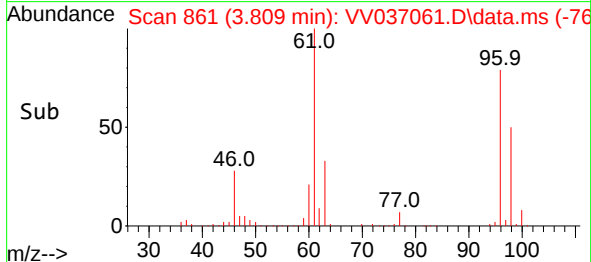
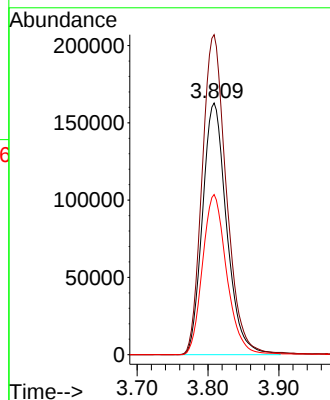
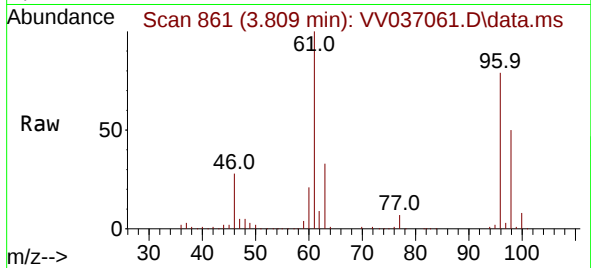




#20
cis-1,2-Dichloroethene
Concen: 98.181 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037061.D
Acq: 27 Aug 2024 04:18

Instrument :
MSVOA_V
ClientSampleId :
E1K67

Tgt Ion: 96 Resp: 385775
Ion Ratio Lower Upper
96 100
61 127.1 89.9 166.9
98 63.6 44.8 83.2



#34
Trichloroethene
Concen: 6.050 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV037061.D
Acq: 27 Aug 2024 04:18

Tgt Ion: 95 Resp: 23552
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.5
132 87.4 64.9 120.5
130 97.5 69.4 129.0

