

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037691.D
 Acq On : 01 Oct 2024 10:49
 Operator : SY/MD
 Sample : P4185-06DL 40X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY028DL

Quant Time: Oct 02 04:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

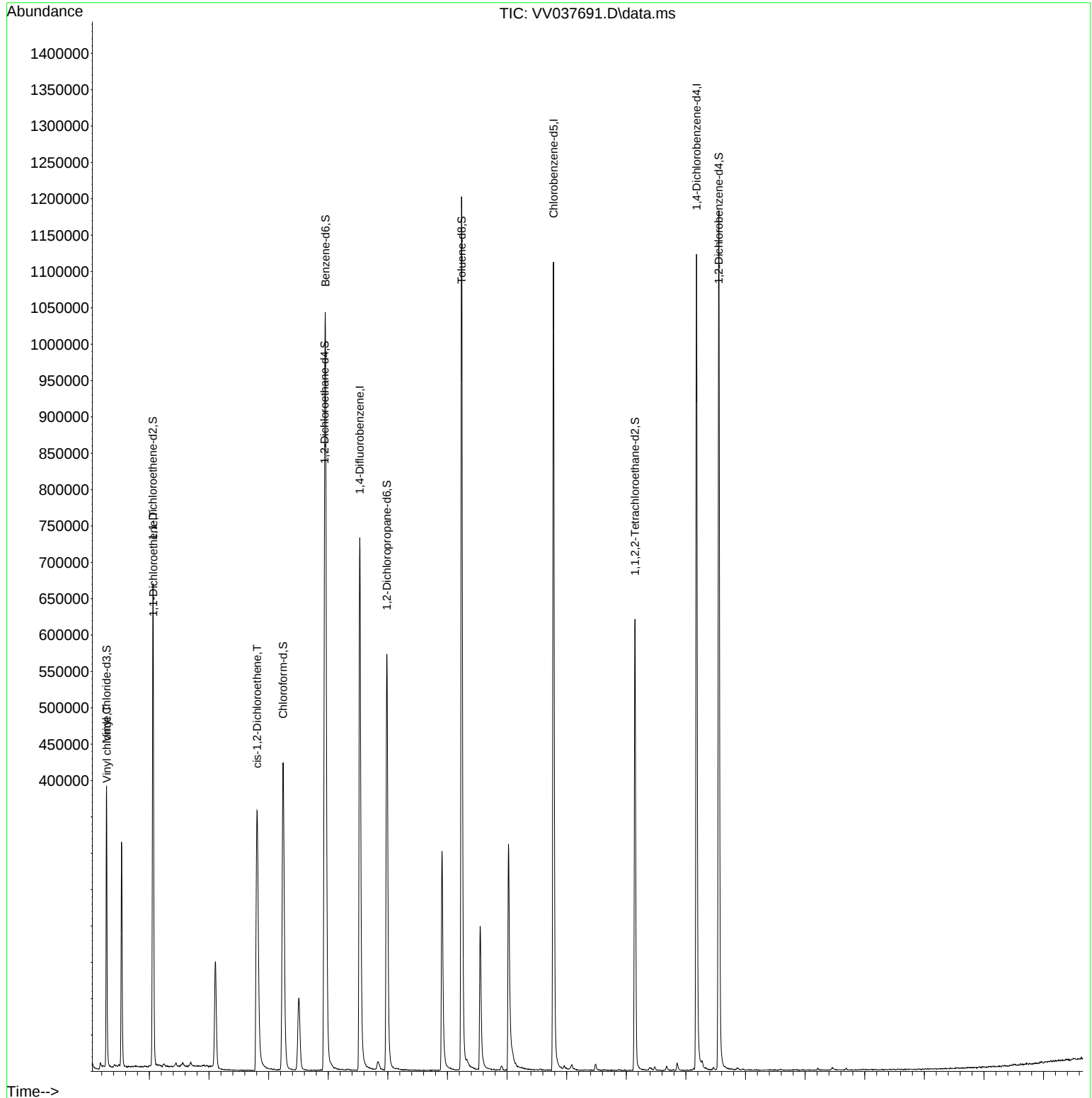
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	643473	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	254276	45.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.040%		
7) Chloroethane-d5	1.532	69	204544	46.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.300%		
11) 1,1-Dichloroethene-d2	2.060	65	109926	46.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.160%		
21) 2-Butanone-d5	3.793	46	172829	85.901	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.900%		
24) Chloroform-d	4.243	84	457977	45.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.140%		
26) 1,2-Dichloroethane-d4	4.937	65	278143	47.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
32) Benzene-d6	4.953	84	931420	47.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.680%		
36) 1,2-Dichloropropane-d6	5.982	67	290682	46.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.760%		
41) Toluene-d8	7.236	98	820571	46.475	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.960%		
43) trans-1,3-Dichloroprop...	7.548	79	124054	43.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.140%		
47) 2-Hexanone-d5	8.024	63	107139	81.832	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.830%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	303005	42.059	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.120%		
66) 1,2-Dichlorobenzene-d4	11.551	152	304396	48.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.440%		
Target Compounds						
5) Vinyl chloride	1.285	62	8087	1.418	ug/L #	30
12) 1,1-Dichloroethene	2.066	96	4817	1.124	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	143592	16.537	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	161595	31.863	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	84186	10.985	ug/L	98

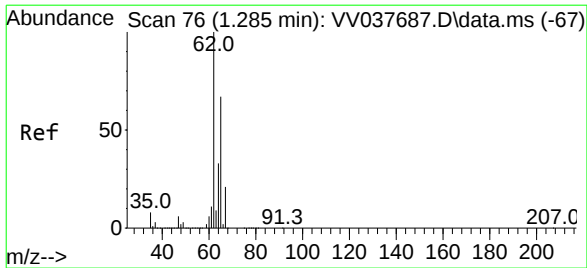
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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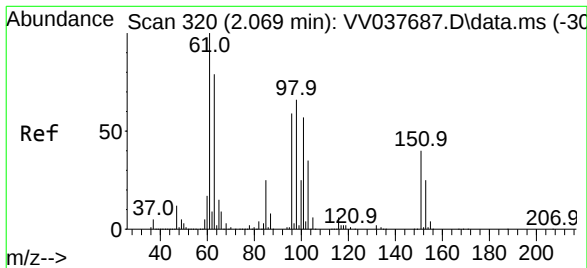
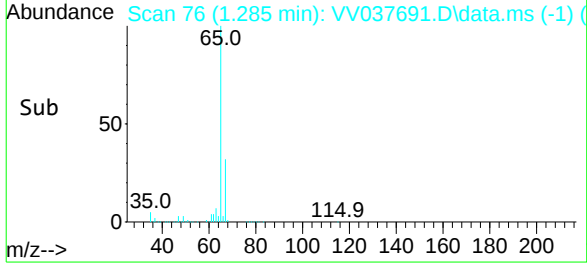
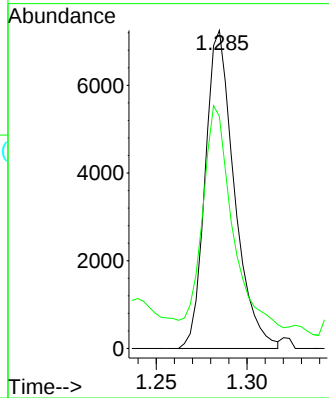
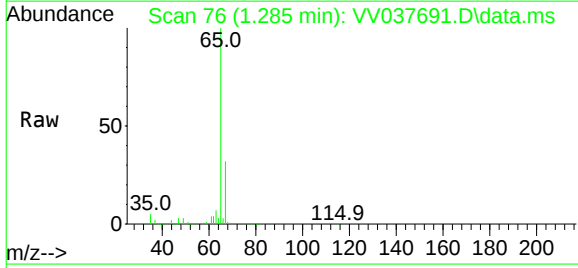




#5
 Vinyl chloride
 Concen: 1.418 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037691.D
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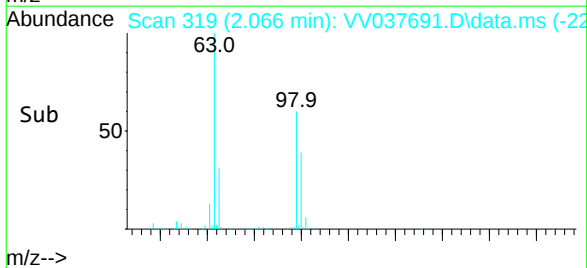
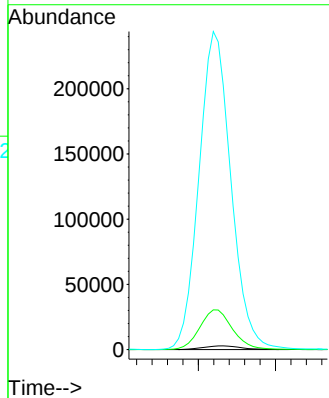
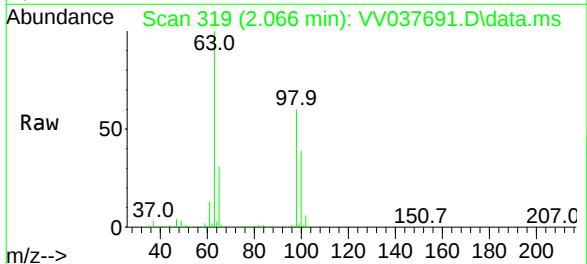
Instrument :
 MSVOA_V
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 EY028DL

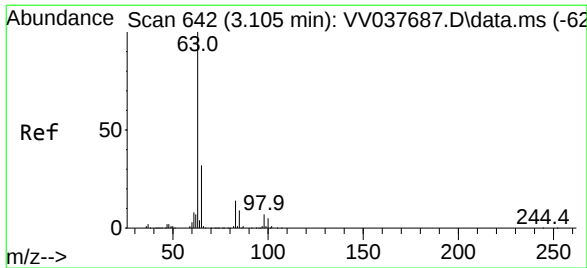
Tgt Ion: 62 Resp: 8087
 Ion Ratio Lower Upper
 62 100
 64 73.0 23.2 43.0#



#12
 1,1-Dichloroethene
 Concen: 1.124 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037691.D
 Acq: 01 Oct 2024 10:49

Tgt Ion: 96 Resp: 4817
 Ion Ratio Lower Upper
 96 100
 61 941.4 122.6 227.6#
 63 7151.7 118.0 219.2#

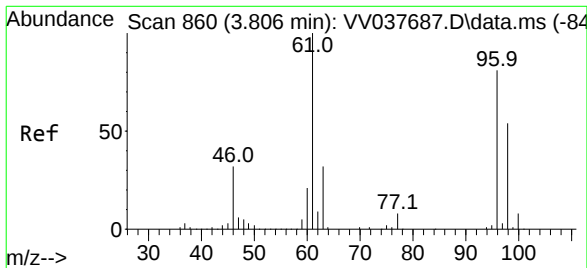
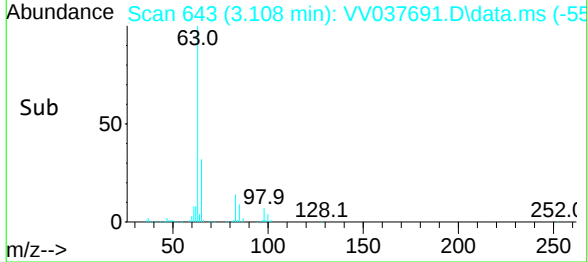
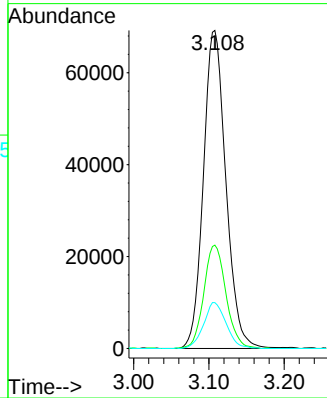
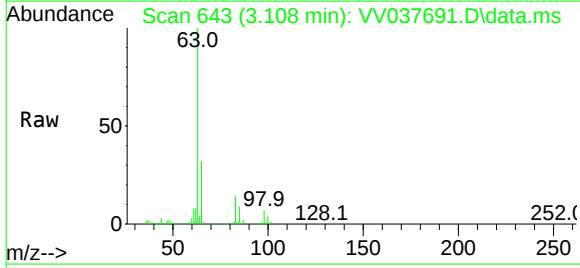




#19
1,1-Dichloroethane
Concen: 16.537 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV037691.D
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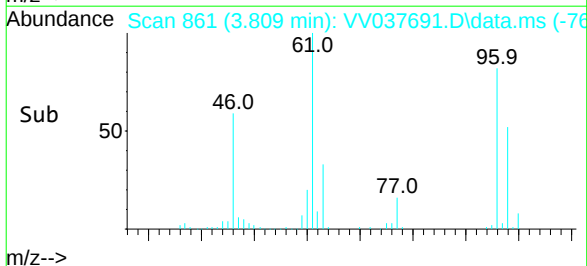
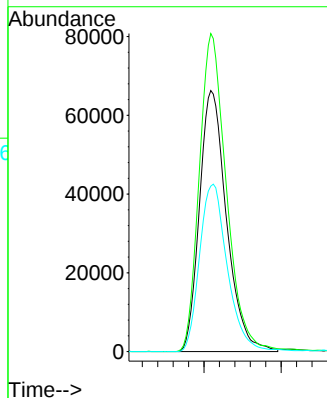
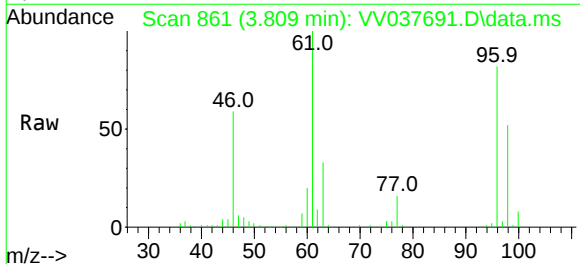
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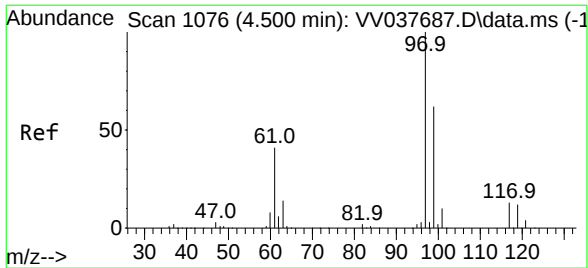
Tgt Ion:	63	Resp:	143592
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.4	41.6
83	14.4	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 31.863 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037691.D
Acq: 01 Oct 2024 10:49

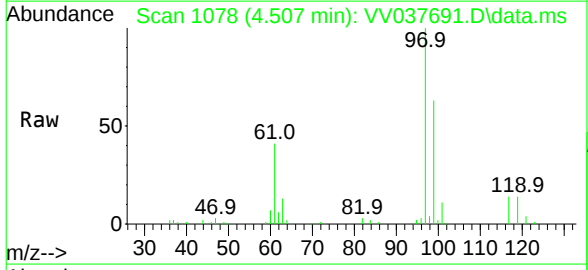
Tgt Ion:	96	Resp:	161595
Ion	Ratio	Lower	Upper
96	100		
61	121.8	85.0	157.8
98	63.4	44.2	82.0





1,1,1-Trichloroethane
 Concen: 10.985 ug/L
 RT: 4.507 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VV037691.D
 Acq: 01 Oct 2024 10:49

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	97	Resp:	84186
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.8	77.6
61	43.0	33.6	50.4

