

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034712.D
 Acq On : 18 Mar 2024 21:55
 Operator : SY/MD
 Sample : P1766-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COGN5

Quant Time: Mar 19 02:57:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

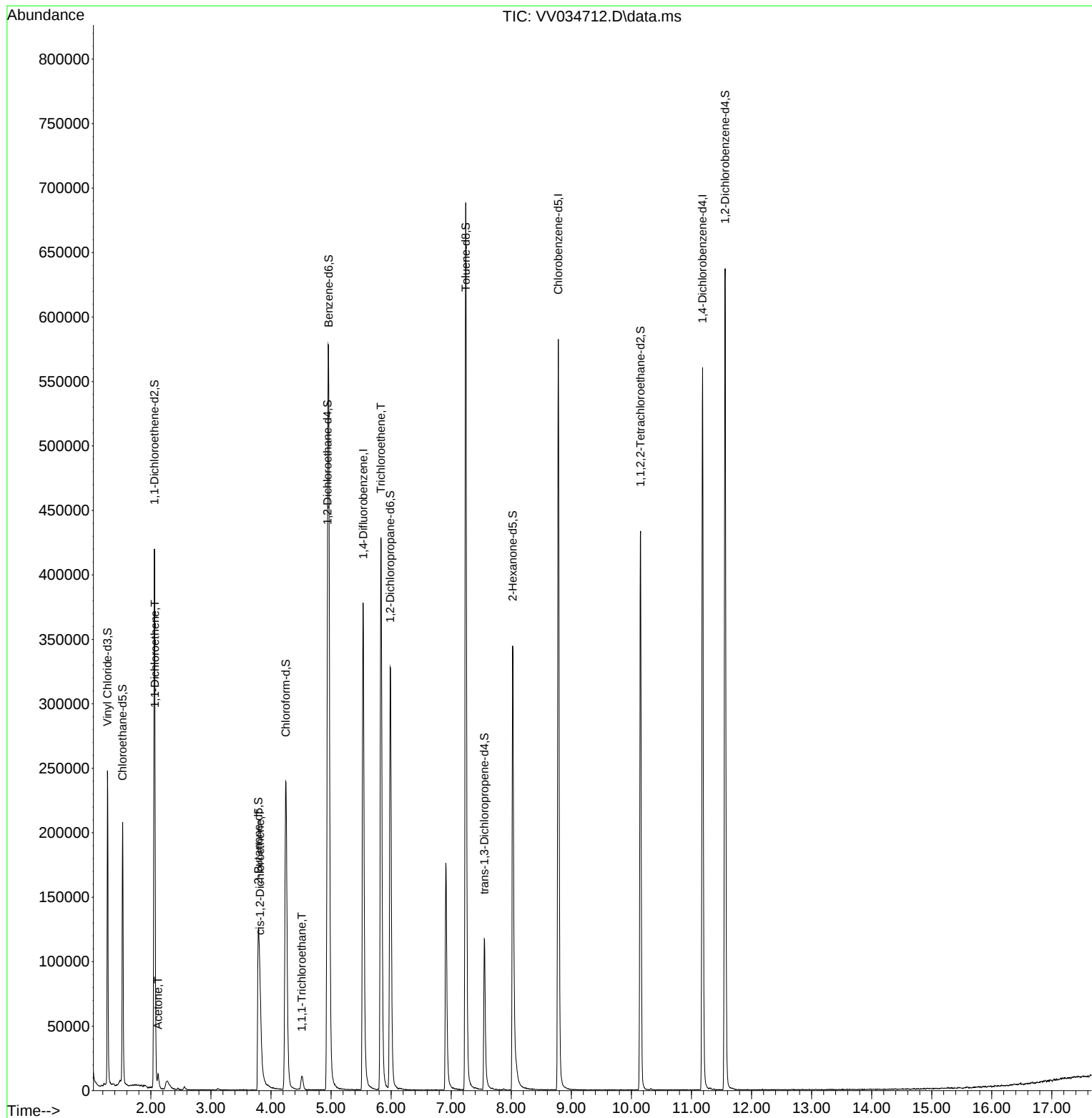
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	328214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156710	55.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.160%	
7) Chloroethane-d5	1.529	69	121487	54.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.620%	
11) 1,1-Dichloroethene-d2	2.060	65	67331	52.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.660%	
21) 2-Butanone-d5	3.789	46	189911	99.809	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.810%	
24) Chloroform-d	4.246	84	259100	51.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.000%	
26) 1,2-Dichloroethane-d4	4.940	65	173621	52.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.620%	
32) Benzene-d6	4.960	84	510382	54.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.480%	
36) 1,2-Dichloropropane-d6	5.985	67	156904	54.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.280%	
41) Toluene-d8	7.243	98	447825	52.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.180%	
43) trans-1,3-Dichloroprop...	7.551	79	70425	48.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.680%	
47) 2-Hexanone-d5	8.024	63	120413	83.971	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 83.970%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	202935	53.700	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	165091	56.140	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.280%	
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	13148	5.350	ug/L	Qvalue # 1
13) Acetone	2.121	43	10131	4.429	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	16549	6.412	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	8809	1.970	ug/L	96
34) Trichloroethene	5.831	95	152405	55.401	ug/L	97

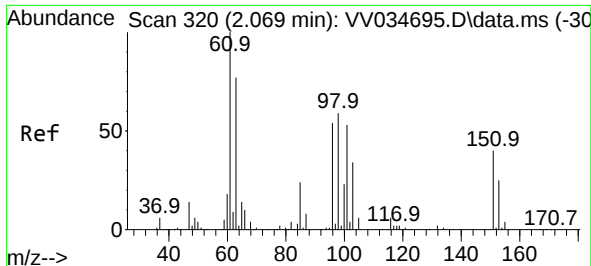
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.350 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034712.D

Acq: 18 Mar 2024 21:55

Instrument :

MSVOA_V

ClientSampleId :

COGN5

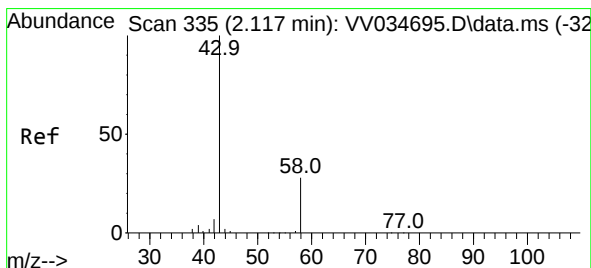
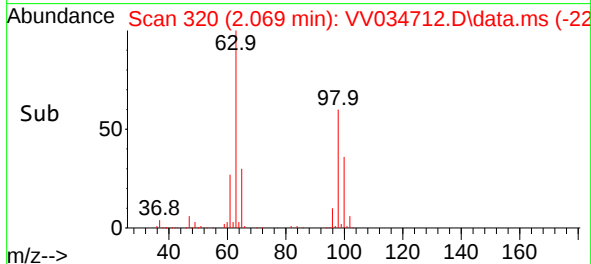
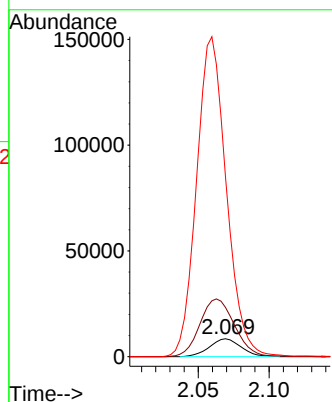
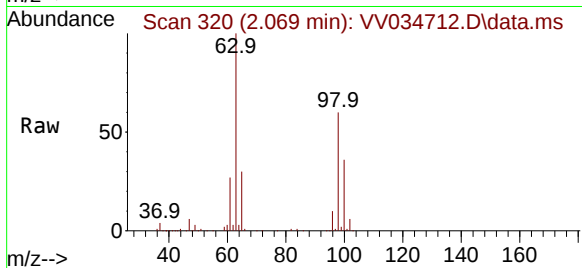
Tgt Ion: 96 Resp: 13148

Ion Ratio Lower Upper

96 100

61 274.2 128.9 239.3#

63 1000.2 98.0 182.0#



#13

Acetone

Concen: 4.429 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV034712.D

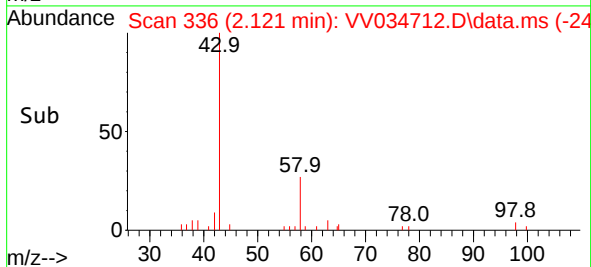
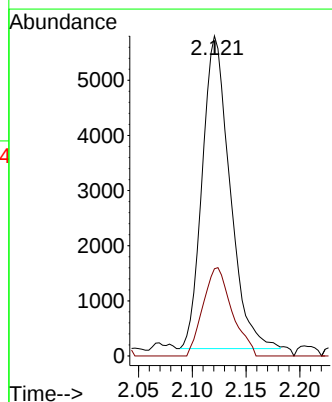
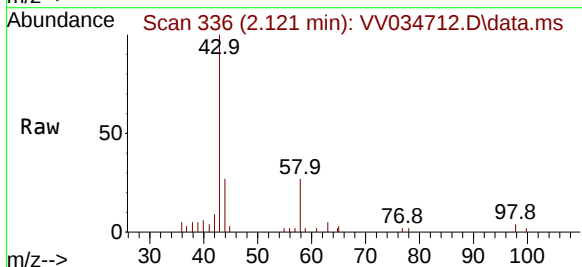
Acq: 18 Mar 2024 21:55

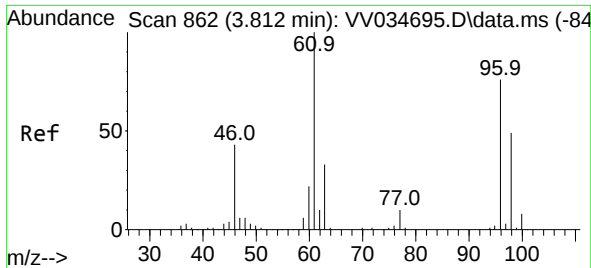
Tgt Ion: 43 Resp: 10131

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.2

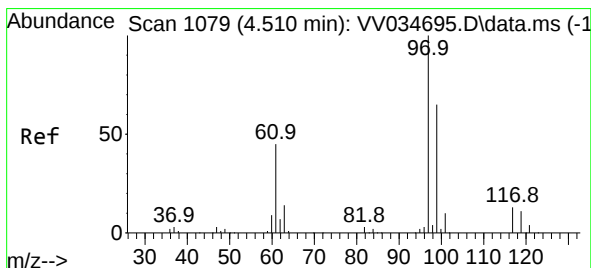
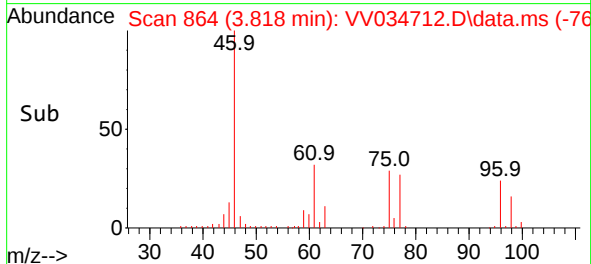
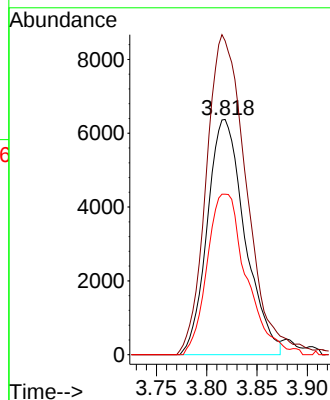
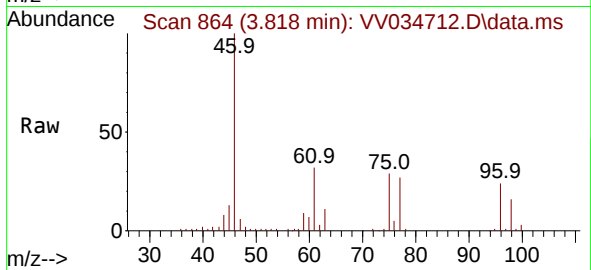




#20
 cis-1,2-Dichloroethene
 Concen: 6.412 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV034712.D
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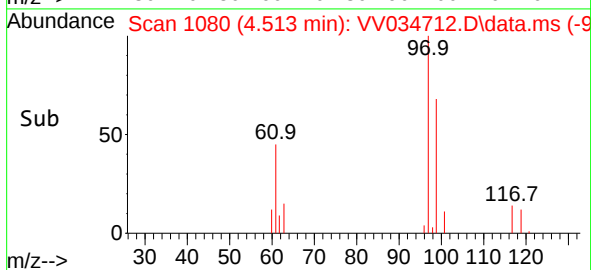
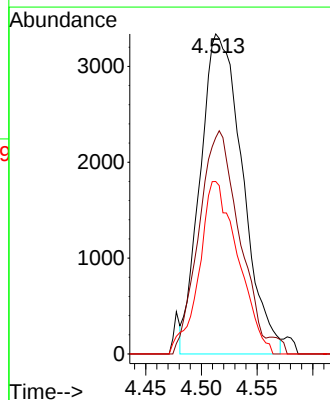
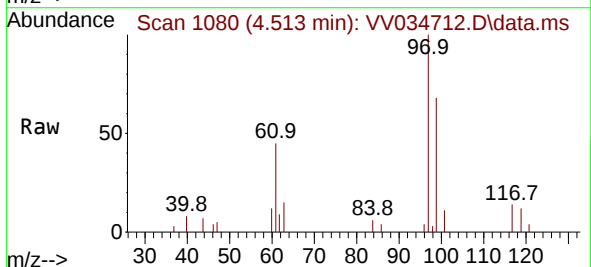
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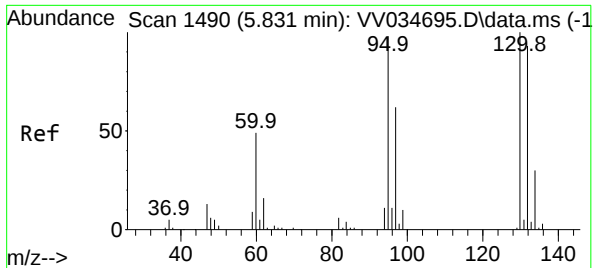
Tgt Ion:	96	Resp:	16549
Ion	Ratio	Lower	Upper
96	100		
61	133.4	96.0	178.4
98	68.2	46.0	85.4



#30
 1,1,1-Trichloroethane
 Concen: 1.970 ug/L
 RT: 4.513 min Scan# 1080
 Delta R.T. 0.003 min
 Lab File: VV034712.D
 Acq: 18 Mar 2024 21:55

Tgt Ion:	97	Resp:	8809
Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.3	76.9
61	49.6	36.0	54.0





#34
 Trichloroethene
 Concen: 55.401 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VV034712.D
 Acq: 18 Mar 2024 21:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COGN5

Tgt Ion: 95 Resp: 152405

Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.7	83.1
132	95.3	65.3	121.3
130	102.6	69.1	128.3

