

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028805.D
 Acq On : 01 Nov 2022 10:51
 Operator : SY/MD
 Sample : N5321-03DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWW1DL

Quant Time: Nov 02 05:11:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

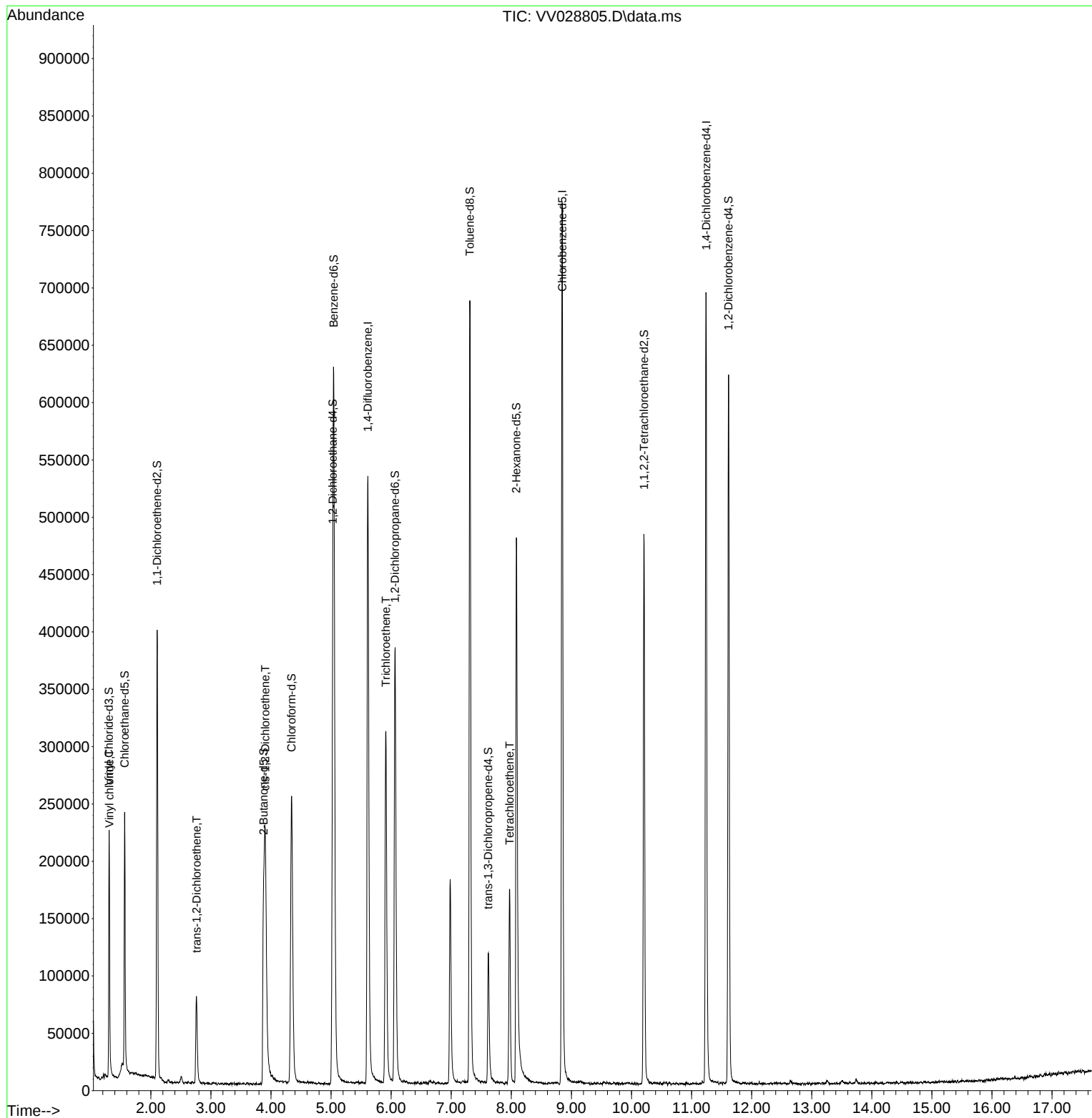
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	427340	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	381397	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	166897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	141736	34.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.980%
7) Chloroethane-d5	1.565	69	136638	39.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.920%
11) 1,1-Dichloroethene-d2	2.105	63	218065	28.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.600%#
21) 2-Butanone-d5	3.876	46	272050	92.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.250%
24) Chloroform-d	4.343	84	248683	40.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.027	65	177315	43.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.760%
32) Benzene-d6	5.044	84	516925	43.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	6.066	67	182387	44.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	7.310	98	436545	41.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.420%
43) trans-1,3-Dichloroprop...	7.616	79	64161	40.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
47) 2-Hexanone-d5	8.085	63	166257	90.003	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236165	43.814	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.620%
66) 1,2-Dichlorobenzene-d4	11.616	152	144550	43.878	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	12779	2.660	ug/L	83
17) trans-1,2-Dichloroethene	2.761	96	26959	8.744	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	83714	24.610	ug/L #	99
34) Trichloroethene	5.912	95	109282	34.803	ug/L	98
46) Tetrachloroethene	7.973	164	34447	15.829	ug/L	99

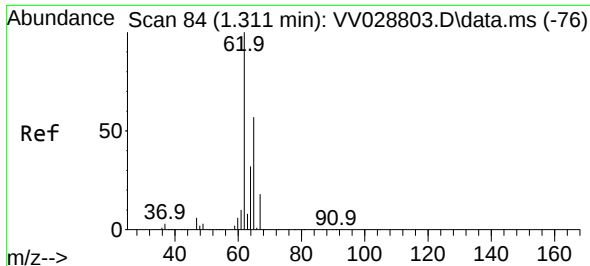
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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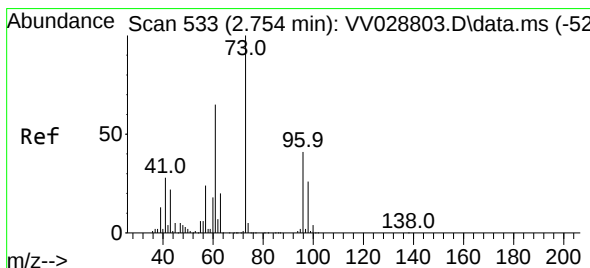
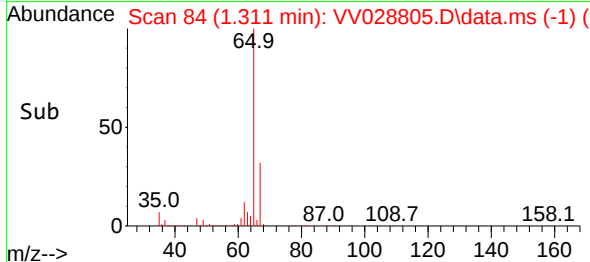
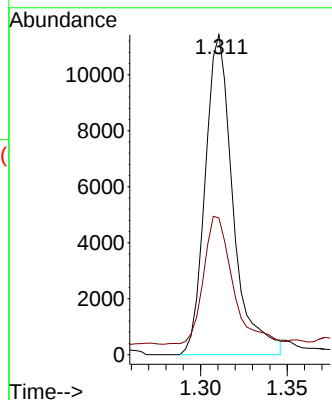
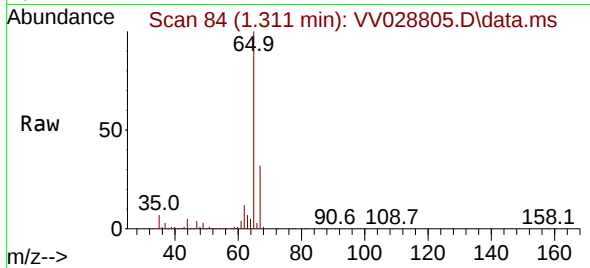




#5
 Vinyl chloride
 Concen: 2.660 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028805.D
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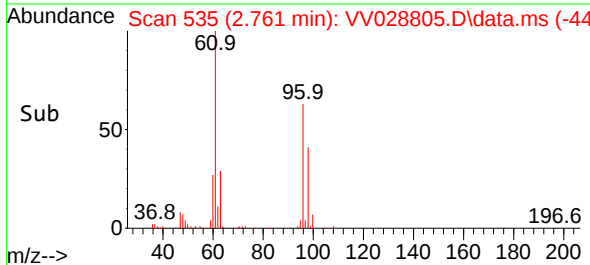
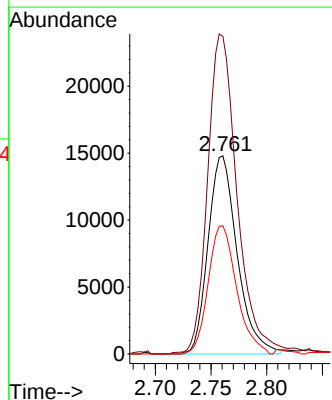
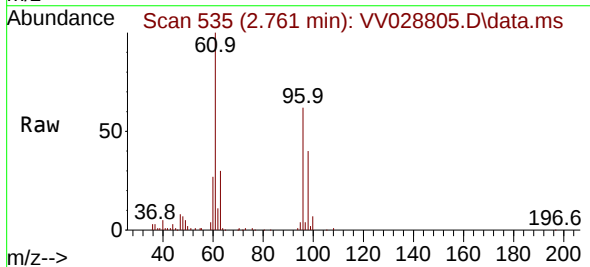
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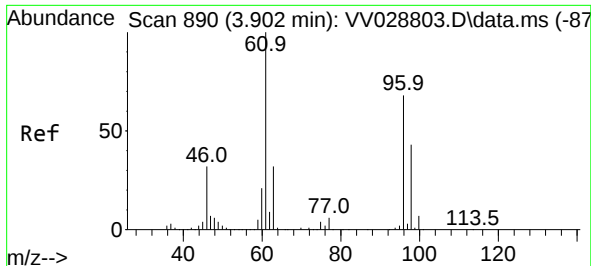
Tgt Ion: 62 Resp: 12779
 Ion Ratio Lower Upper
 62 100
 64 42.7 23.2 43.0



#17
 trans-1,2-Dichloroethene
 Concen: 8.744 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: VV028805.D
 Acq: 01 Nov 2022 10:51

Tgt Ion: 96 Resp: 26959
 Ion Ratio Lower Upper
 96 100
 61 160.3 109.4 203.2
 98 64.7 43.3 80.5

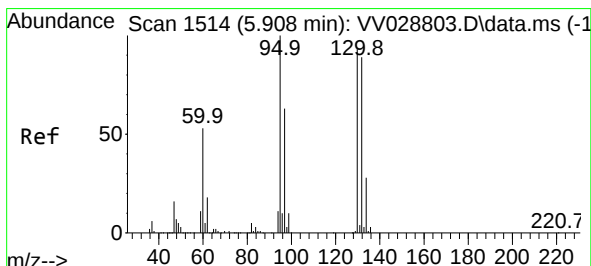
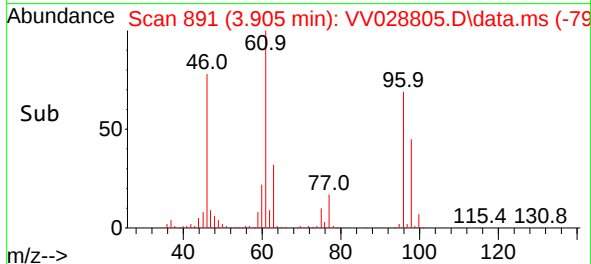
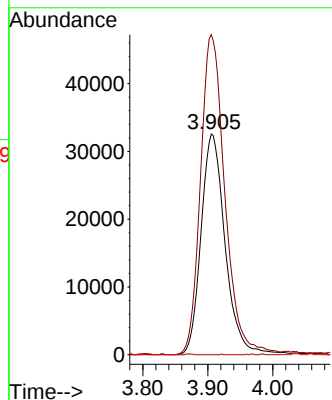
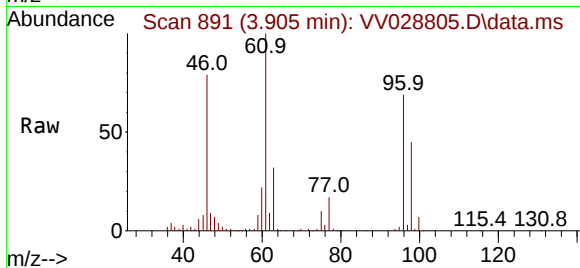




#20
cis-1,2-Dichloroethene
Concen: 24.610 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
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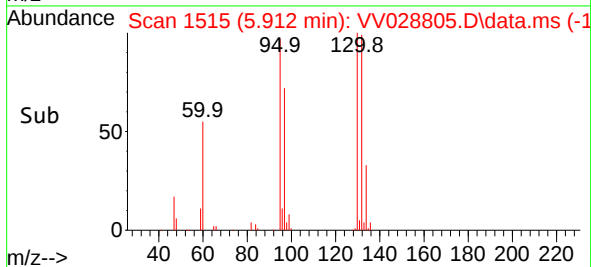
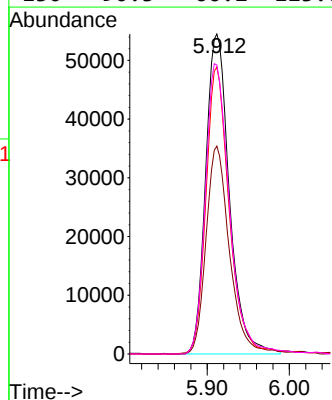
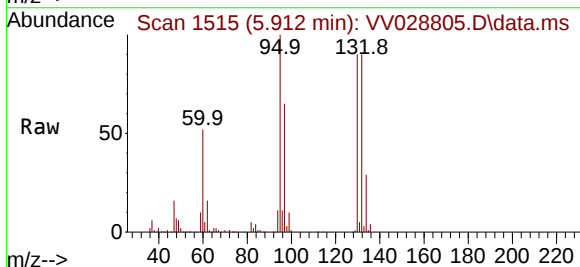
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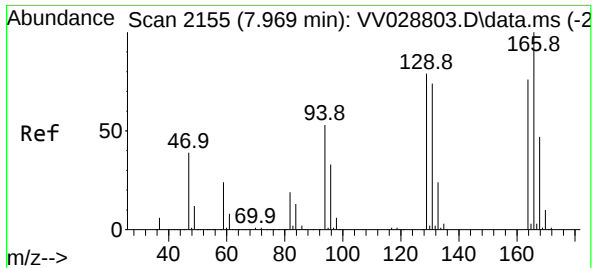
Tgt Ion: 96 Resp: 83714
Ion Ratio Lower Upper
96 100
61 145.0 102.3 190.1
68 0.0 0.1 0.3#



#34
Trichloroethene
Concen: 34.803 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028805.D
Acq: 01 Nov 2022 10:51

Tgt Ion: 95 Resp: 109282
Ion Ratio Lower Upper
95 100
97 64.9 46.2 85.8
132 89.7 63.2 117.4
130 90.3 66.2 123.0





#46
 Tetrachloroethene
 Concen: 15.829 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV028805.D
 Acq: 01 Nov 2022 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWW1DL

Tgt Ion:164	Resp:	34447
Ion	Ratio	Lower Upper
164	100	
129	96.5	69.5 129.1
131	95.5	66.4 123.2
166	126.2	88.5 164.3

