

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029678.D
 Acq On : 14 Dec 2022 02:12
 Operator : SY/MD
 Sample : N5980-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ER2

Quant Time: Dec 14 04:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

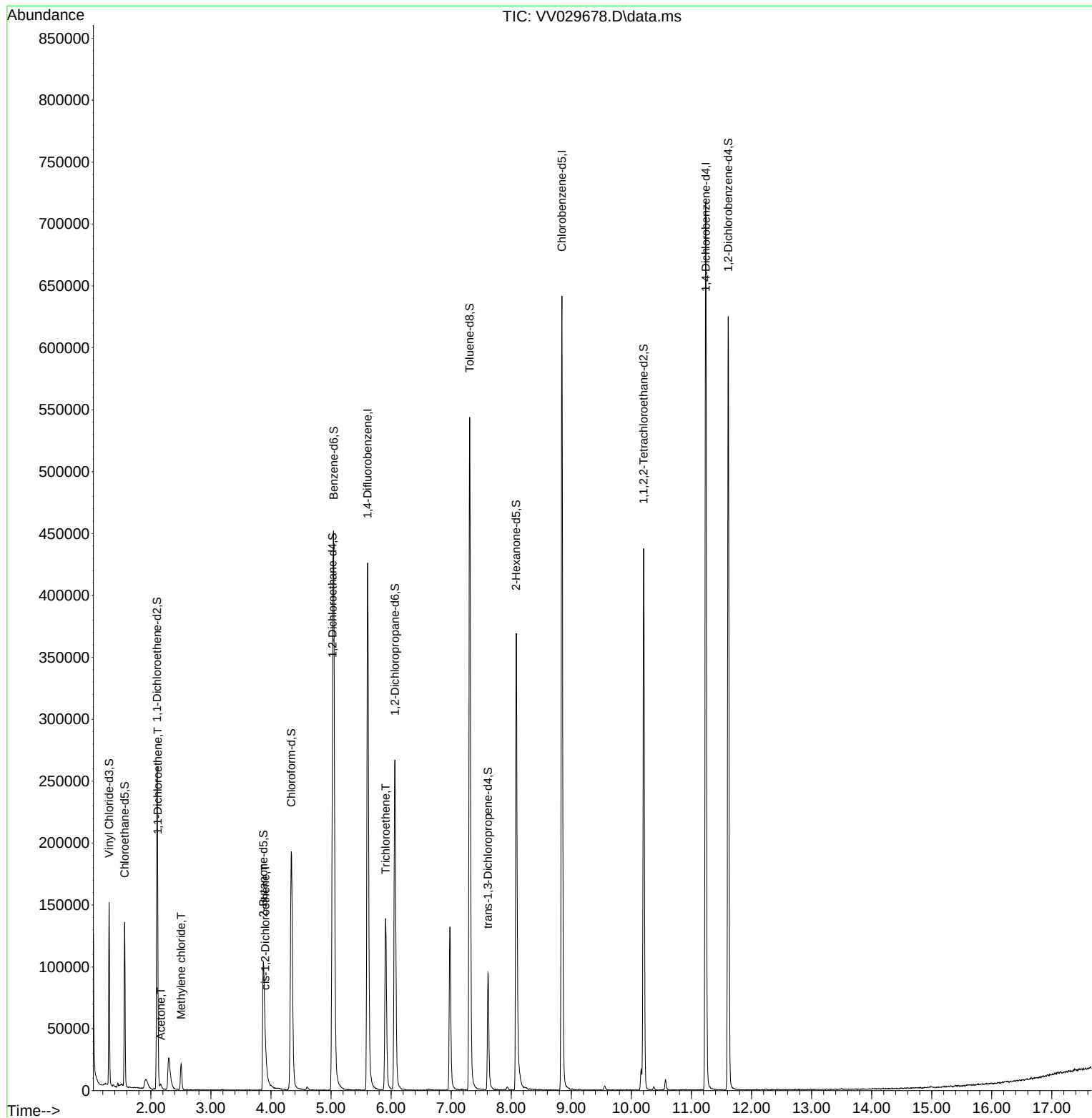
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	392281	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	375778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	196260	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93729	39.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.040%
7) Chloroethane-d5	1.564	69	86574	47.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.105	63	133310	35.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	3.873	46	172997	118.056	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.060%
24) Chloroform-d	4.339	84	206599	45.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.024	65	132176	51.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
32) Benzene-d6	5.043	84	429102	43.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.440%
36) 1,2-Dichloropropane-d6	6.063	67	139406	45.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.307	98	379193	40.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.060%
43) trans-1,3-Dichloroprop...	7.612	79	58454	38.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.340%
47) 2-Hexanone-d5	8.082	63	141788	109.477	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.480%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	216890	50.043	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	11.612	152	166540	44.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	3848	1.835	ug/L	# 1
13) Acetone	2.166	43	3787	3.967	ug/L	91
16) Methylene chloride	2.503	84	9189	3.525	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	4404	1.658	ug/L	98
34) Trichloroethene	5.908	95	50341	18.966	ug/L	99

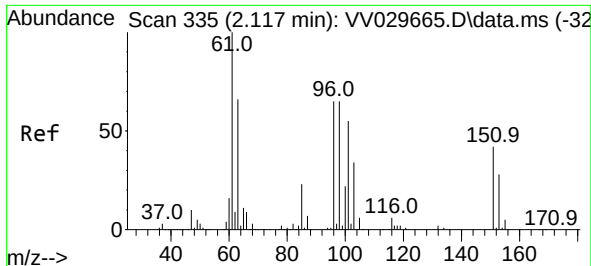
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 23:56:43 2022
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#12

1,1-Dichloroethene

Concen: 1.835 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029678.D

Acq: 14 Dec 2022 02:12

Instrument :

MSVOA_V

ClientSampleId :

C0ER2

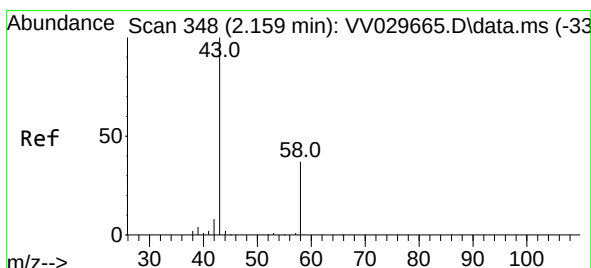
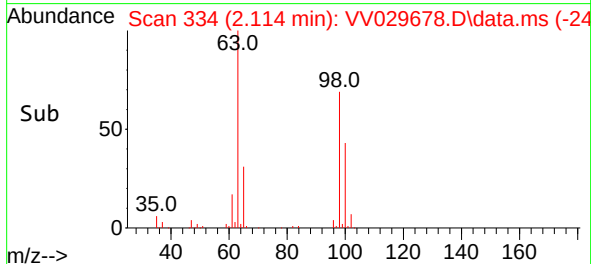
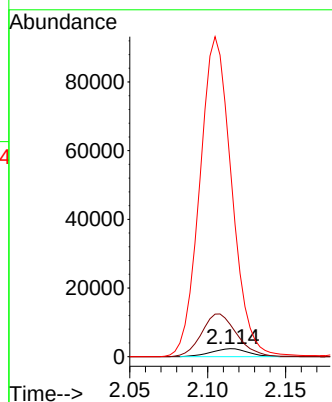
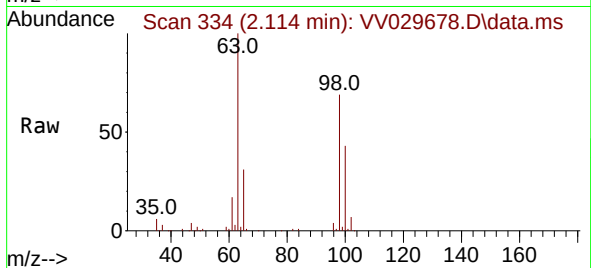
Tgt Ion: 96 Resp: 3848

Ion Ratio Lower Upper

96 100

61 403.6 103.3 191.9#

63 2402.1 77.3 143.7#



#13

Acetone

Concen: 3.967 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.007 min

Lab File: VV029678.D

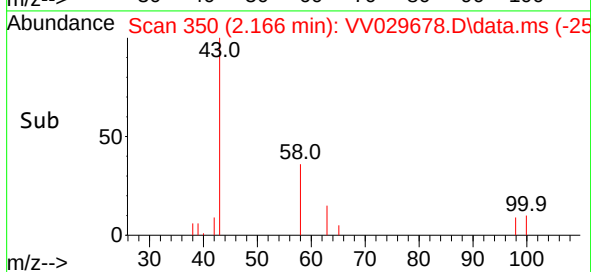
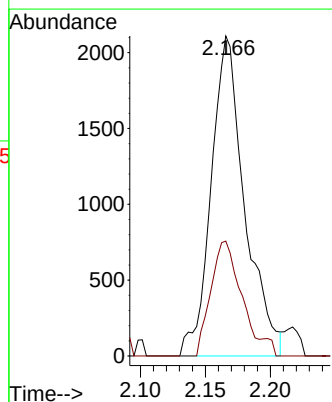
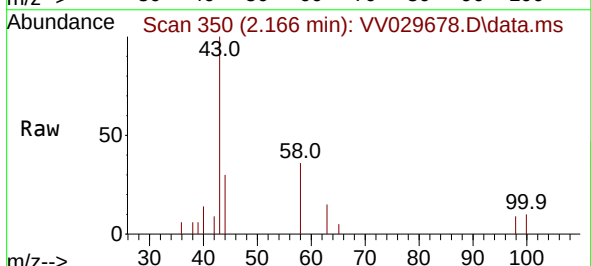
Acq: 14 Dec 2022 02:12

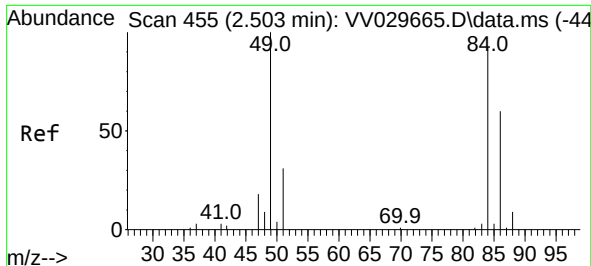
Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

58 32.0 0.0 74.8

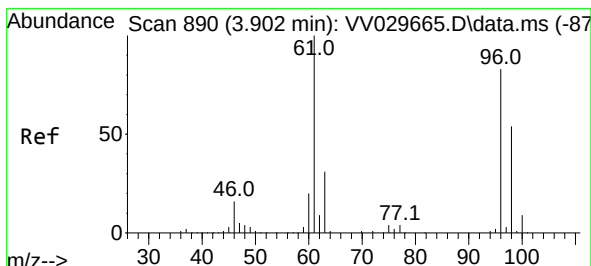
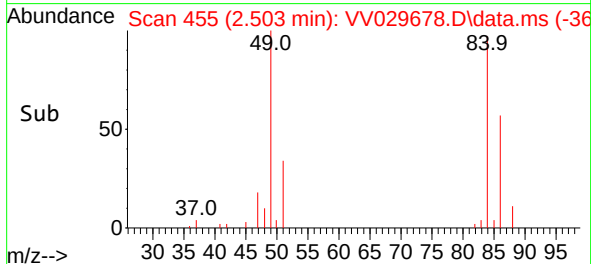
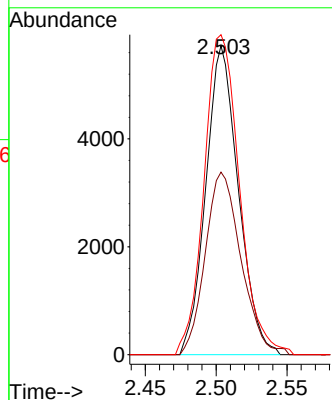
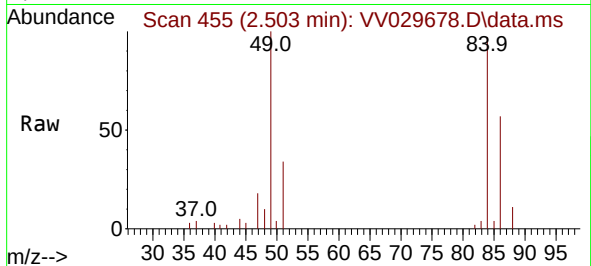




#16
Methylene chloride
Concen: 3.525 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV029678.D
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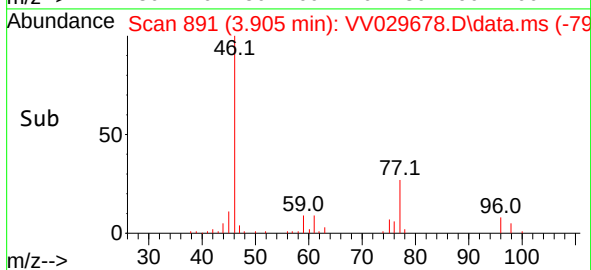
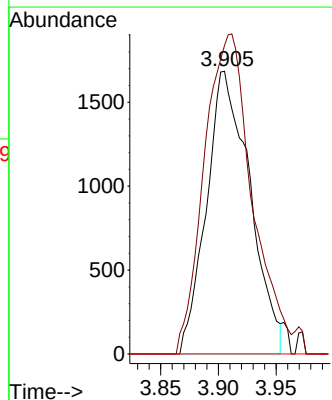
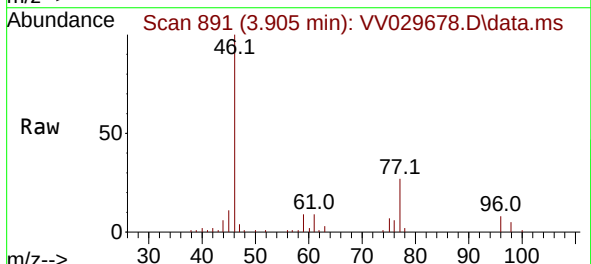
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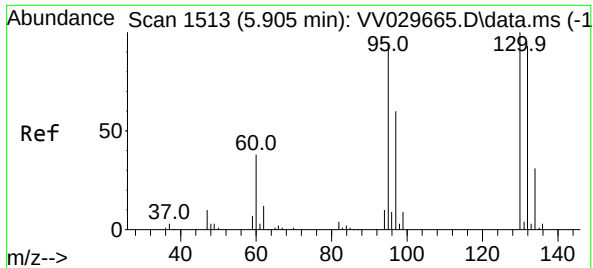
Tgt Ion:	84	Resp:	9189
Ion	Ratio	Lower	Upper
84	100		
86	59.1	46.0	85.4
49	103.6	72.2	134.0



#20
cis-1,2-Dichloroethene
Concen: 1.658 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029678.D
Acq: 14 Dec 2022 02:12

Tgt Ion:	96	Resp:	4404
Ion	Ratio	Lower	Upper
96	100		
61	109.1	78.0	144.9
68	0.0	0.0	0.0





#34
 Trichloroethene
 Concen: 18.966 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV029678.D
 Acq: 14 Dec 2022 02:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ER2

Tgt Ion: 95 Resp: 50341

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.0	81.8
132	100.3	69.9	129.9
130	103.8	73.7	136.9

