

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028783.D
 Acq On : 31 Oct 2022 16:18
 Operator : SY/MD
 Sample : N5301-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

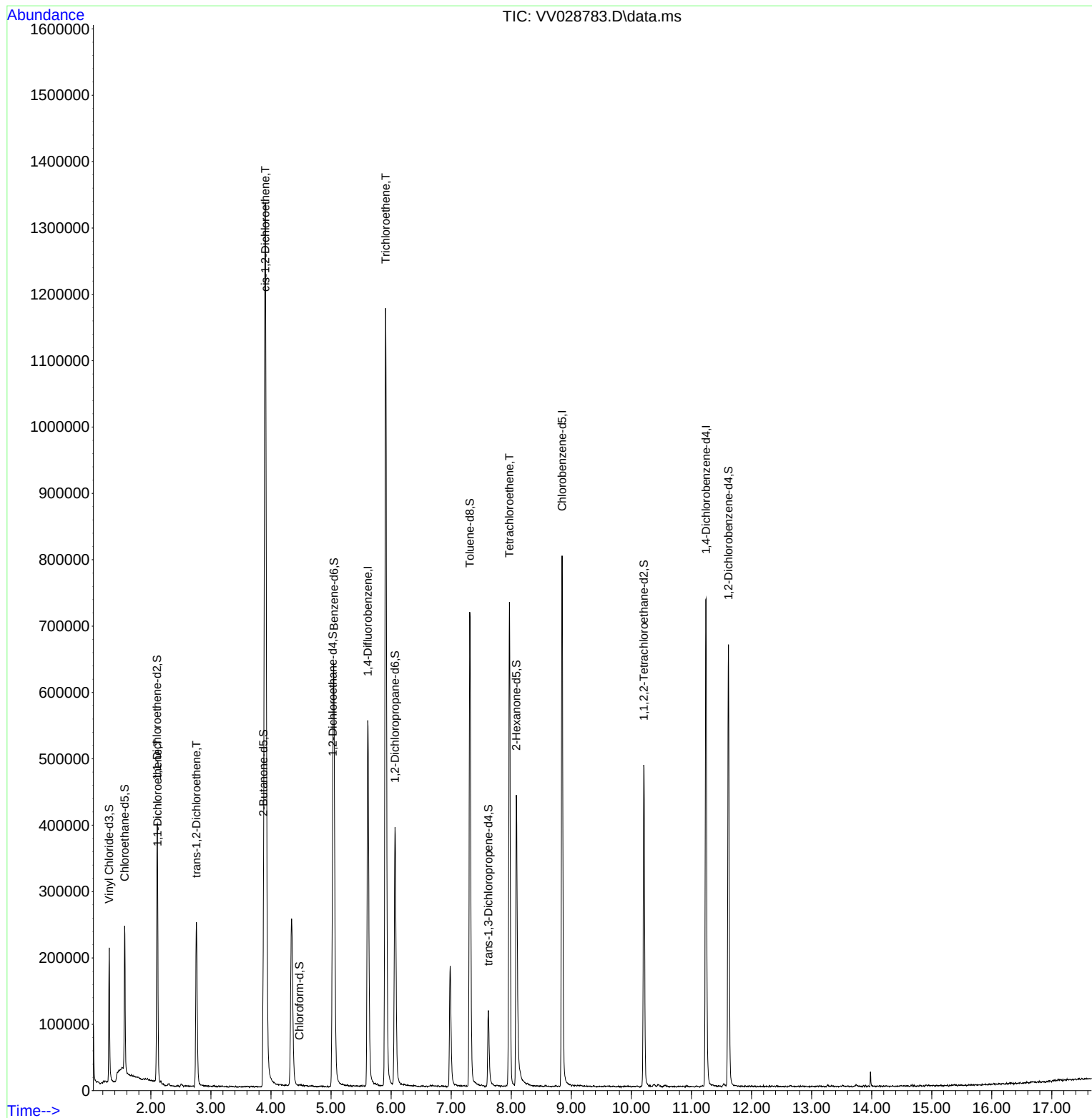
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	441657	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	398984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	174143	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	139604	33.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.680%
7) Chloroethane-d5	1.564	69	136488	38.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.260%
11) 1,1-Dichloroethene-d2	2.105	63	218364	27.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.840%#
21) 2-Butanone-d5	3.876	46	240641	78.957	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.960%
24) Chloroform-d	4.471	84	255	0.040	ug/L	0.13
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.080%#
26) 1,2-Dichloroethane-d4	5.027	65	179902	43.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
32) Benzene-d6	5.047	84	531458	42.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.340%
36) 1,2-Dichloropropane-d6	6.066	67	188993	44.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	7.310	98	450909	41.180	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.360%
43) trans-1,3-Dichloroprop...	7.619	79	64303	39.153	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.300%
47) 2-Hexanone-d5	8.085	63	156028	80.743	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.740%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236433	41.931	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.860%
66) 1,2-Dichlorobenzene-d4	11.616	152	152609	44.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	3613	1.097	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	84686	26.578	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	668323	190.100	ug/L #	99
34) Trichloroethene	5.908	95	407313	123.999	ug/L	99
46) Tetrachloroethene	7.969	164	142881	62.760	ug/L	99

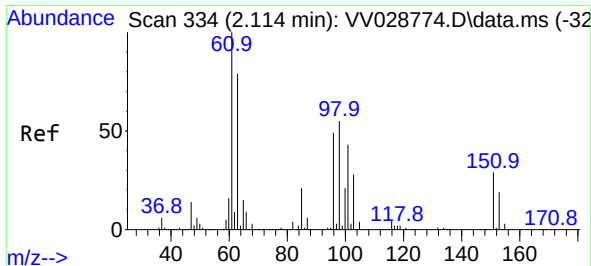
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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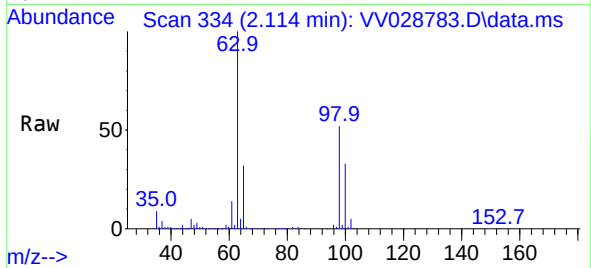
Quant Time: Nov 01 04:57:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
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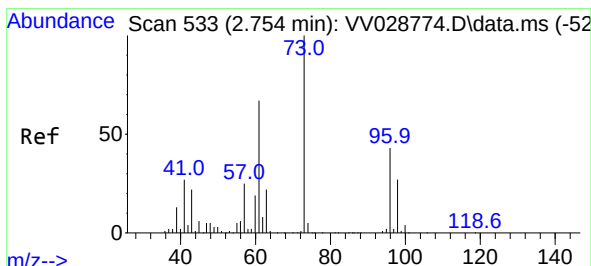
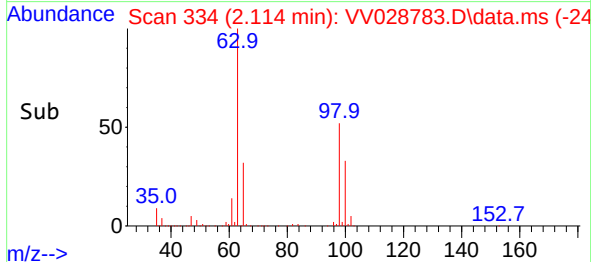
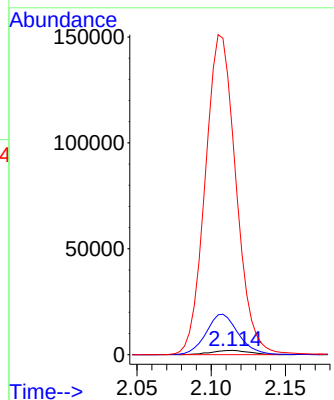


#12
1,1-Dichloroethene
Concen: 1.097 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028783.D
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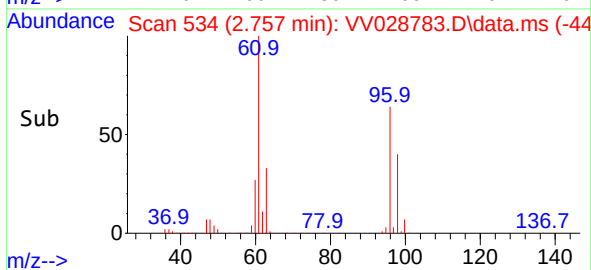
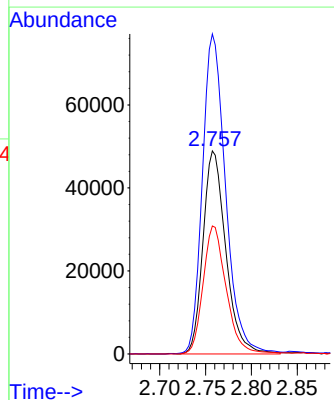
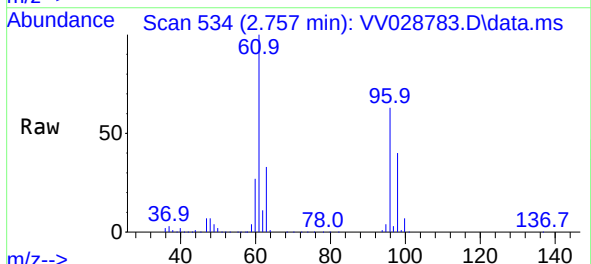


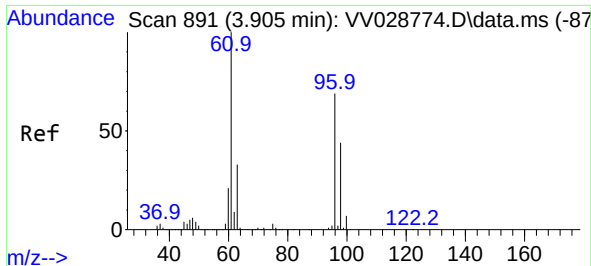
Tgt Ion: 96 Resp: 3613
Ion Ratio Lower Upper
96 100
61 701.5 142.7 265.1#
63 5113.6 112.5 208.9#



#17
trans-1,2-Dichloroethene
Concen: 26.578 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028783.D
Acq: 31 Oct 2022 16:18

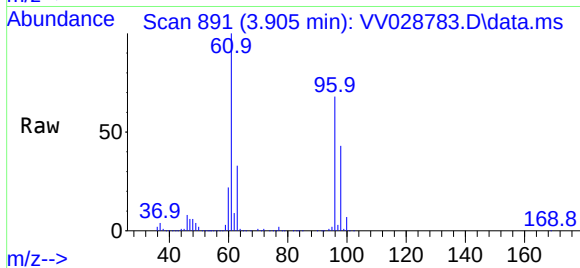
Tgt Ion: 96 Resp: 84686
Ion Ratio Lower Upper
96 100
61 157.6 109.4 203.2
98 63.1 43.3 80.5



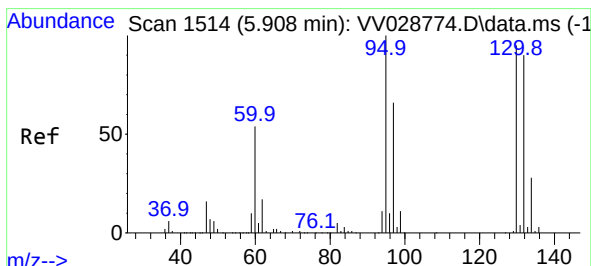
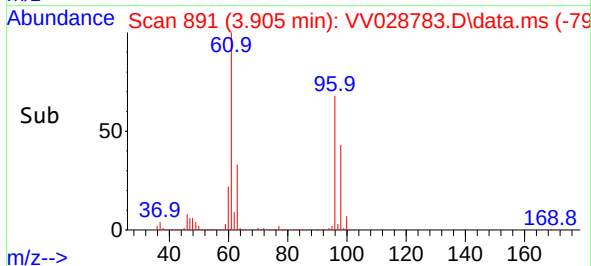
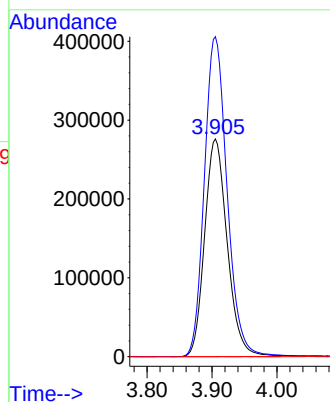


#20
cis-1,2-Dichloroethene
Concen: 190.100 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028783.D
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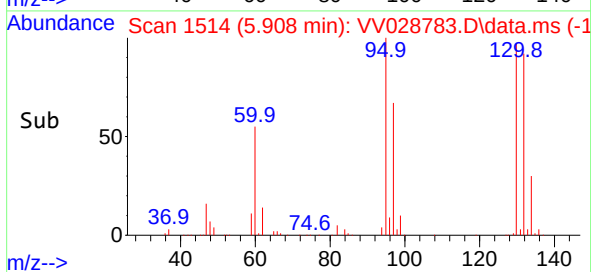
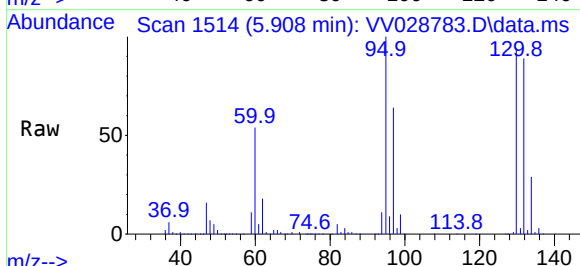
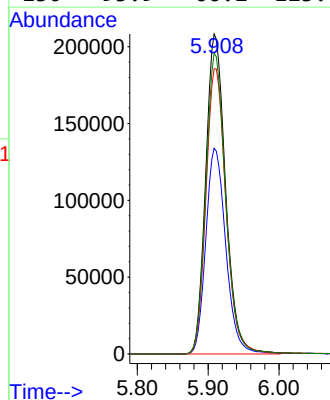


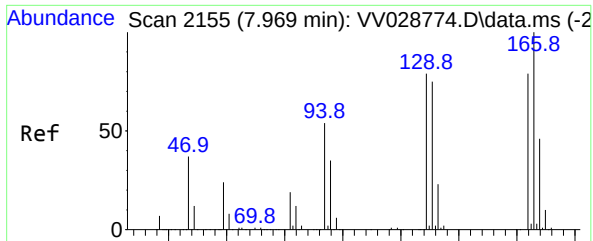
Tgt Ion: 96 Resp: 668323
Ion Ratio Lower Upper
96 100
61 146.9 102.3 190.1
68 0.0 0.1 0.3#



#34
Trichloroethene
Concen: 123.999 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028783.D
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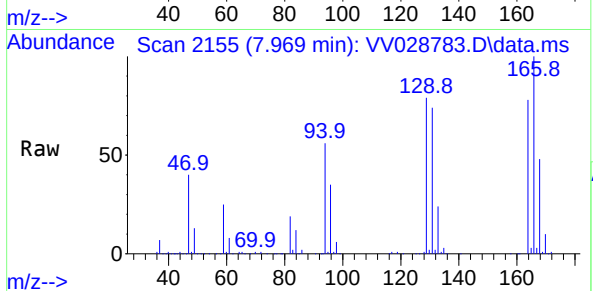
Tgt Ion: 95 Resp: 407313
Ion Ratio Lower Upper
95 100
97 64.3 46.2 85.8
132 89.1 63.2 117.4
130 93.9 66.2 123.0





#46
 Tetrachloroethene
 Concen: 62.760 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028783.D
 Acq: 31 Oct 2022 16:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164 Resp: 142881

Ion	Ratio	Lower	Upper
164	100		
129	100.3	69.5	129.1
131	94.6	66.4	123.2
166	127.7	88.5	164.3

