

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028790.D
 Acq On : 31 Oct 2022 19:07
 Operator : SY/MD
 Sample : N5354-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:58:03 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)

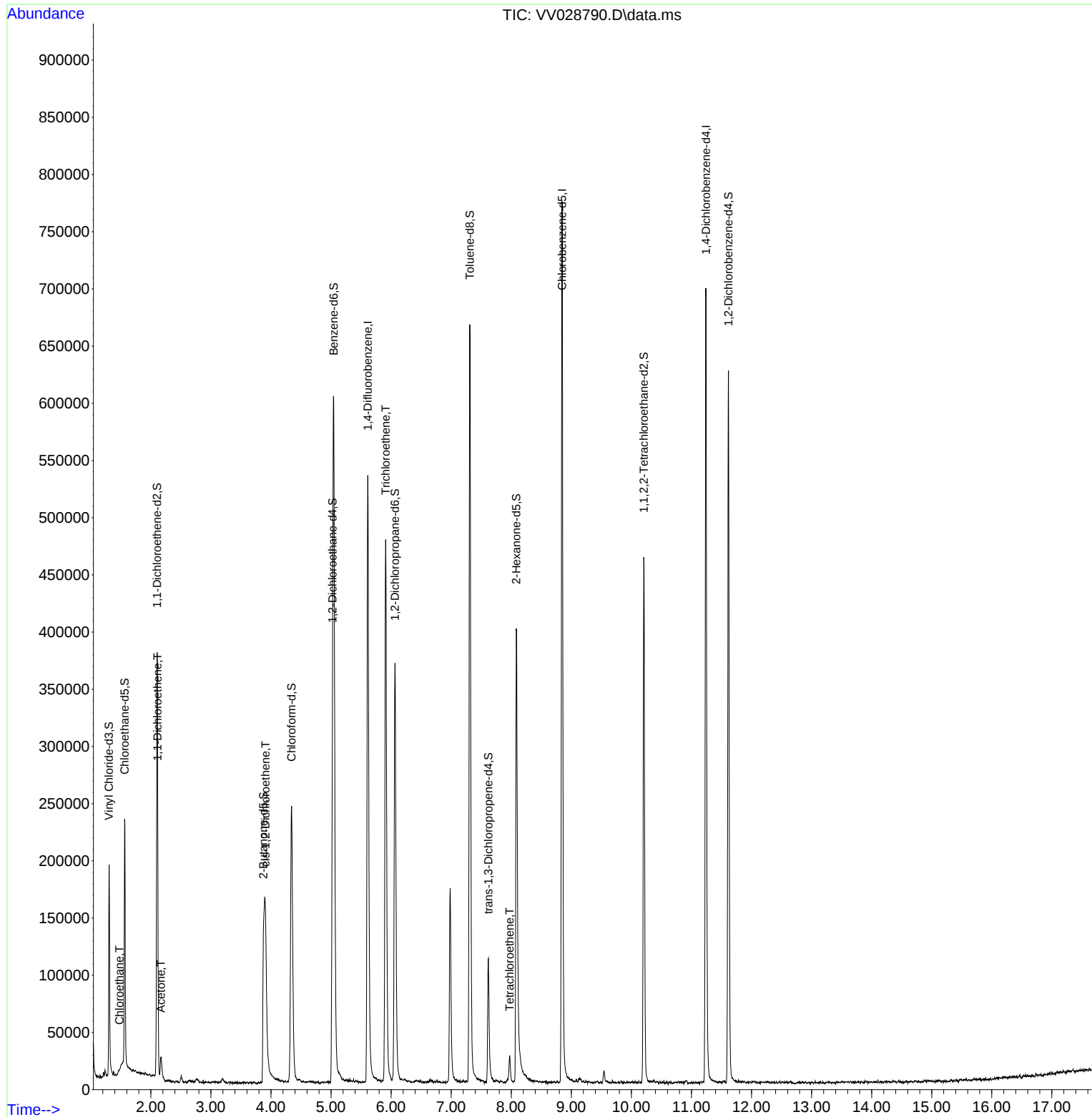
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	419505	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	381196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	162261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129989	32.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.380%
7) Chloroethane-d5	1.564	69	131697	38.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.480%
11) 1,1-Dichloroethene-d2	2.105	63	207325	27.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.820%#
21) 2-Butanone-d5	3.876	46	218412	75.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.450%
24) Chloroform-d	4.342	84	240288	40.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.120%
26) 1,2-Dichloroethane-d4	5.024	65	170047	42.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.740%
32) Benzene-d6	5.043	84	498445	41.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
36) 1,2-Dichloropropane-d6	6.063	67	179205	43.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	7.310	98	422233	40.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.720%
43) trans-1,3-Dichloroprop...	7.619	79	61859	39.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.840%
47) 2-Hexanone-d5	8.085	63	143518	77.734	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.730%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	225071	41.778	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.560%
66) 1,2-Dichlorobenzene-d4	11.616	152	140903	43.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
Target Compounds						Qvalue
8) Chloroethane	1.478	64	6571	2.170	ug/L #	59
12) 1,1-Dichloroethene	2.114	96	3994	1.276	ug/L #	1
13) Acetone	2.169	43	26253	9.366	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	56702	16.980	ug/L #	100
34) Trichloroethene	5.908	95	166840	53.161	ug/L	99
46) Tetrachloroethene	7.973	164	4586	2.108	ug/L	93

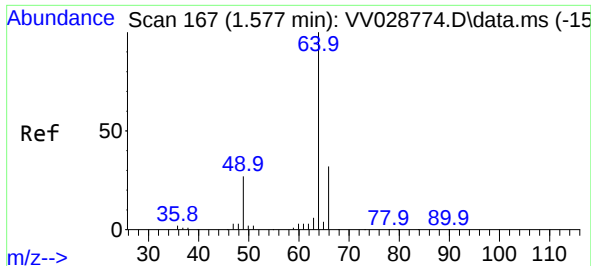
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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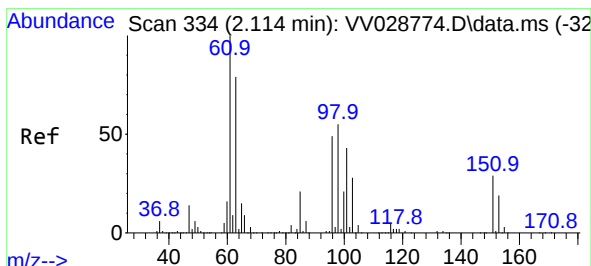
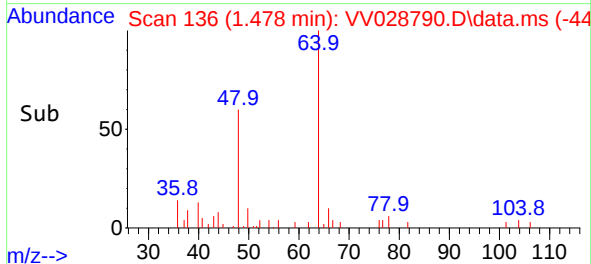
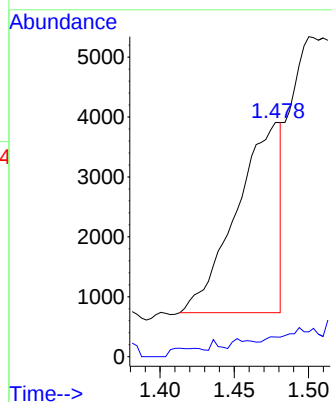
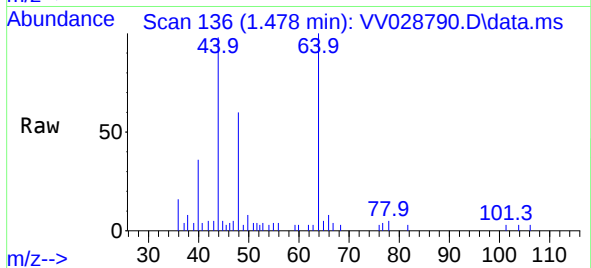




#8
Chloroethane
Concen: 2.170 ug/L
RT: 1.478 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028790.D
Acq: 31 Oct 2022 19:07

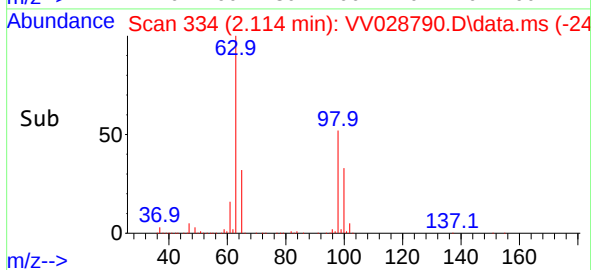
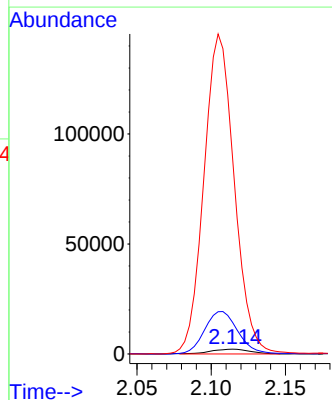
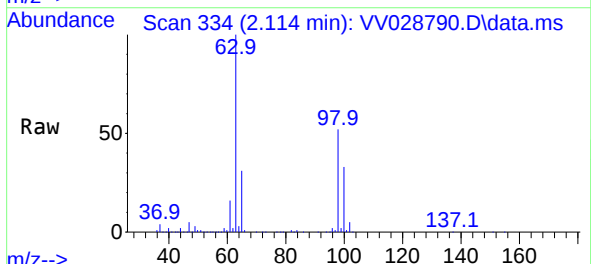
Instrument :
MSVOA_V
ClientSampleId :

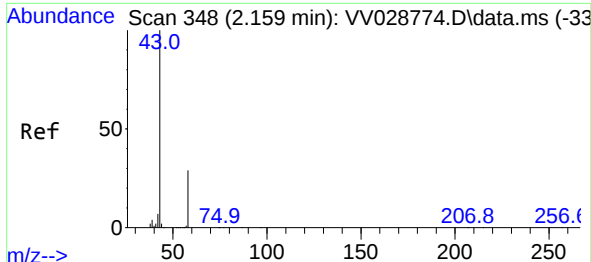
Tgt Ion: 64 Resp: 6571
Ion Ratio Lower Upper
64 100
66 8.4 21.7 40.3#



#12
1,1-Dichloroethene
Concen: 1.276 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV028790.D
Acq: 31 Oct 2022 19:07

Tgt Ion: 96 Resp: 3994
Ion Ratio Lower Upper
96 100
61 661.5 142.7 265.1#
63 4117.4 112.5 208.9#





#13

Acetone

Concen: 9.366 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV028790.D

Acq: 31 Oct 2022 19:07

Instrument :

MSVOA_V

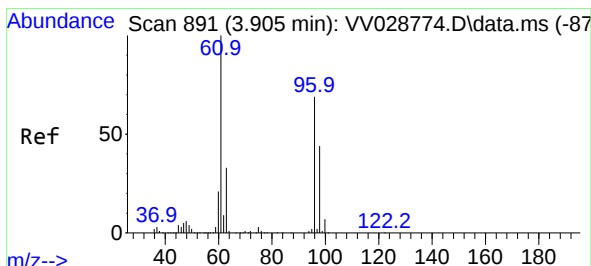
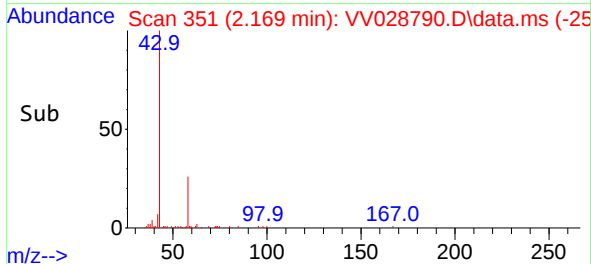
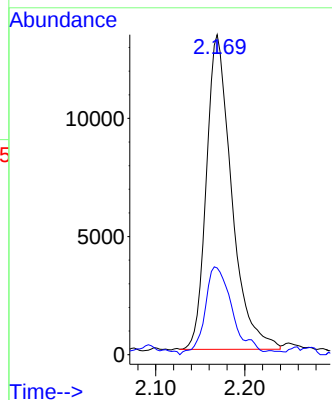
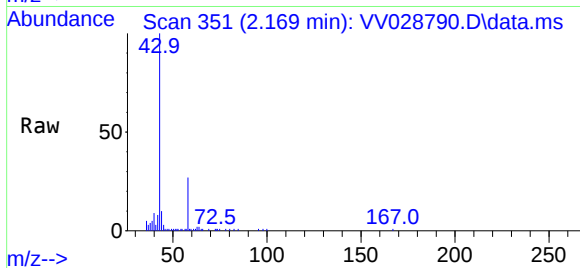
ClientSampleId :

Tgt Ion: 43 Resp: 26253

Ion Ratio Lower Upper

43 100

58 28.5 0.0 59.0



#20

cis-1,2-Dichloroethene

Concen: 16.980 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV028790.D

Acq: 31 Oct 2022 19:07

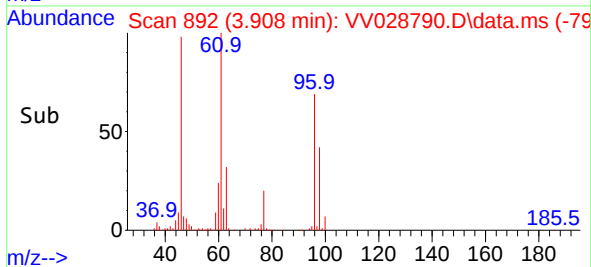
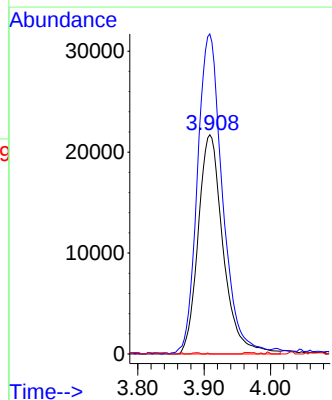
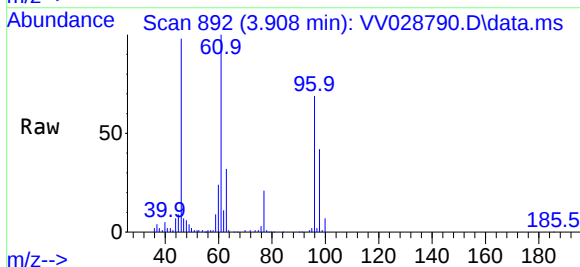
Tgt Ion: 96 Resp: 56702

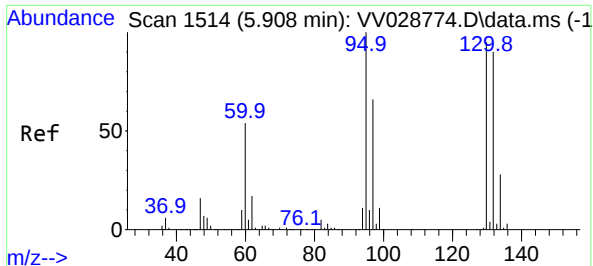
Ion Ratio Lower Upper

96 100

61 145.9 102.3 190.1

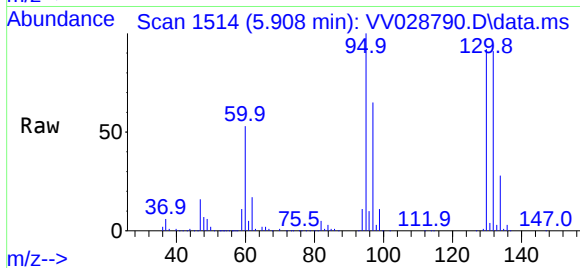
68 0.0 0.1 0.3#



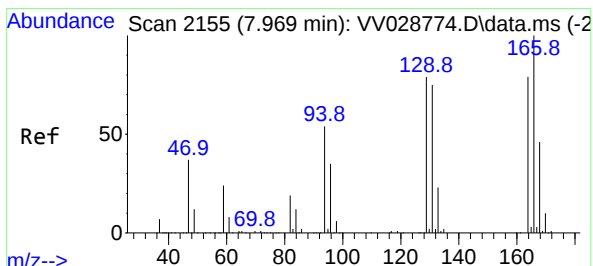
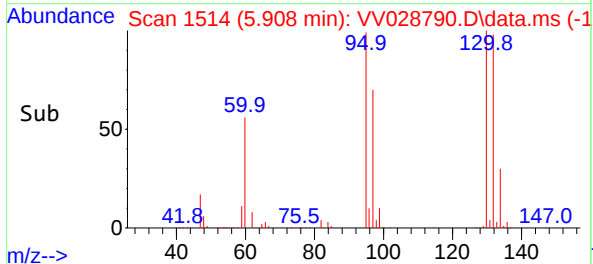
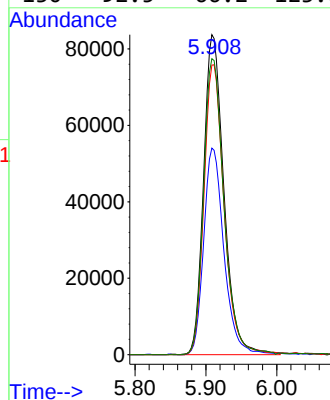


#34
Trichloroethene
Concen: 53.161 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028790.D
Acq: 31 Oct 2022 19:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 166840
Ion Ratio Lower Upper
95 100
97 64.5 46.2 85.8
132 90.5 63.2 117.4
130 92.5 66.2 123.0



#46
Tetrachloroethene
Concen: 2.108 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028790.D
Acq: 31 Oct 2022 19:07

Tgt Ion: 164 Resp: 4586
Ion Ratio Lower Upper
164 100
129 101.1 69.5 129.1
131 110.2 66.4 123.2
166 121.3 88.5 164.3

