

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031555.D
 Acq On : 16 Jun 2023 01:47
 Operator : SY/MD
 Sample : 03254-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYX8

Quant Time: Jun 16 06:19:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

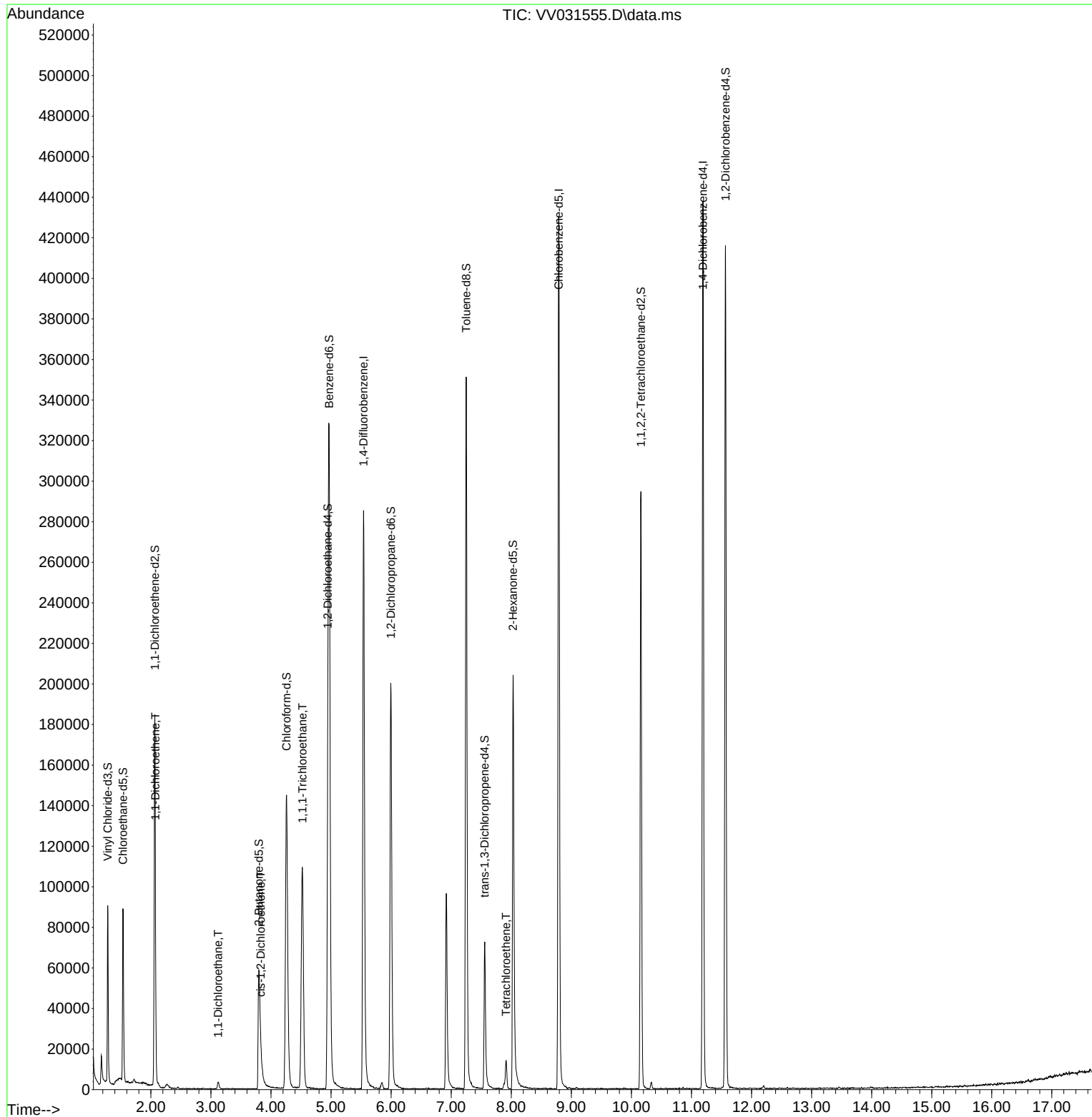
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	230012	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	228729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	56764	37.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.160%
7) Chloroethane-d5	1.536	69	56930	42.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	2.066	65	30812	39.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.100%
21) 2-Butanone-d5	3.799	46	100607	81.165	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.170%
24) Chloroform-d	4.259	84	159847	41.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.380%
26) 1,2-Dichloroethane-d4	4.947	65	107078	44.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
32) Benzene-d6	4.969	84	280624	43.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
36) 1,2-Dichloropropane-d6	5.995	67	99652	43.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.340%
41) Toluene-d8	7.249	98	237128	40.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.280%
43) trans-1,3-Dichloroprop...	7.558	79	45118	40.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.120%
47) 2-Hexanone-d5	8.030	63	70769	78.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.550%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142555	41.388	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	105027	49.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	3957	2.325	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	3752	0.979	ug/L #	96
20) cis-1,2-Dichloroethene	3.831	96	1930	1.005	ug/L	79
30) 1,1,1-Trichloroethane	4.523	97	96232	26.241	ug/L	99
46) Tetrachloroethene	7.911	164	2819	1.765	ug/L	88

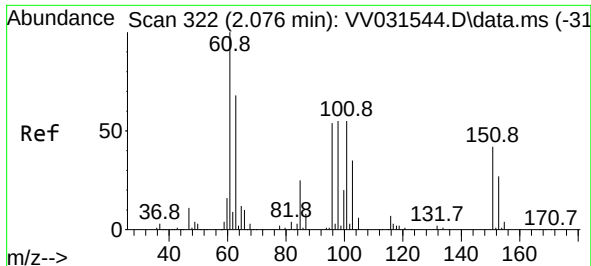
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.325 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031555.D

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Instrument :

MSVOA_V

ClientSampleId :

EXYX8

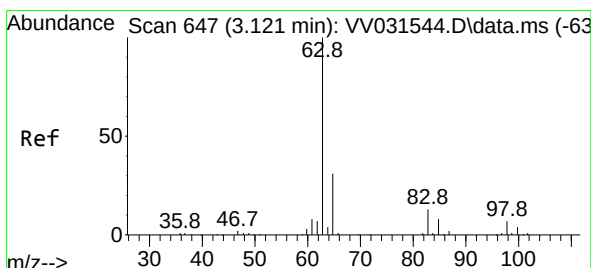
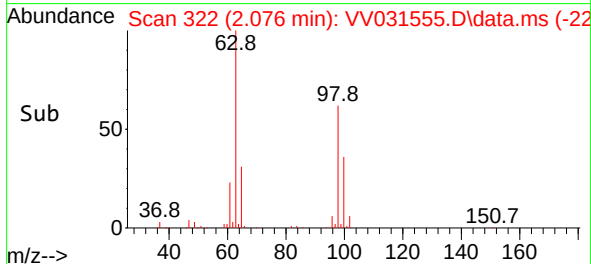
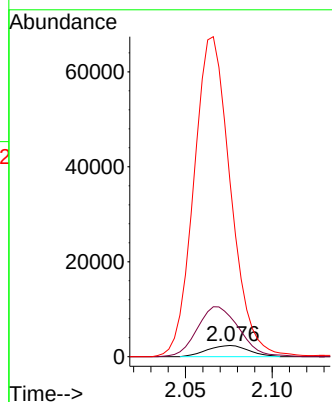
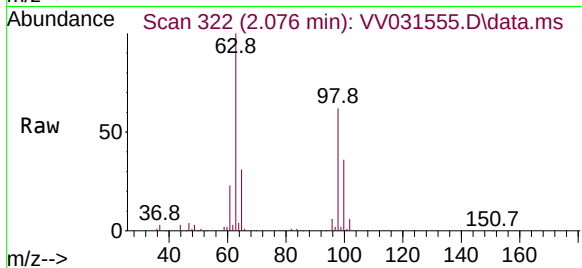
Tgt Ion: 96 Resp: 3957

Ion Ratio Lower Upper

96 100

61 359.1 128.9 239.5#

63 1568.4 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 0.979 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.000 min

Lab File: VV031555.D

Acq: 16 Jun 2023 01:47

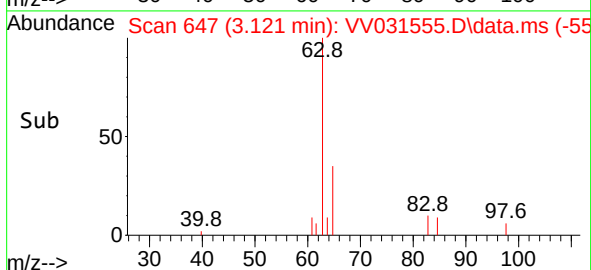
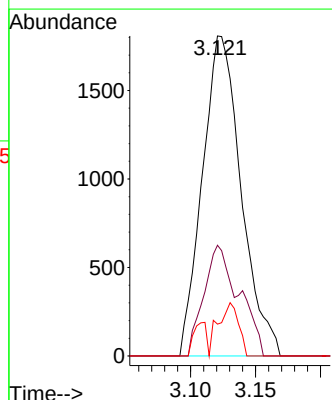
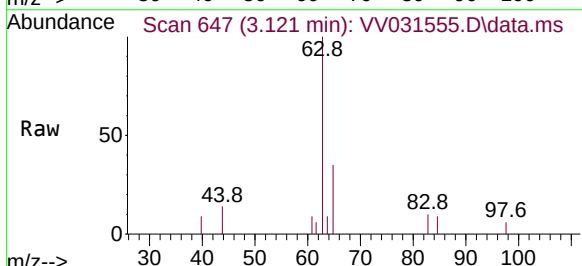
Tgt Ion: 63 Resp: 3752

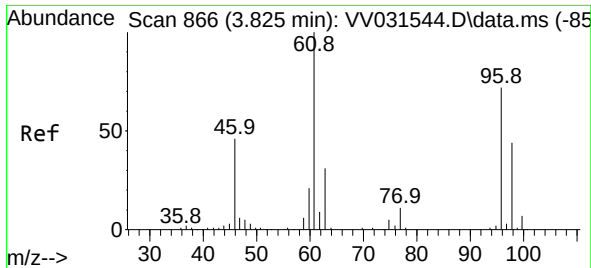
Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

83 9.2 10.0 18.6#

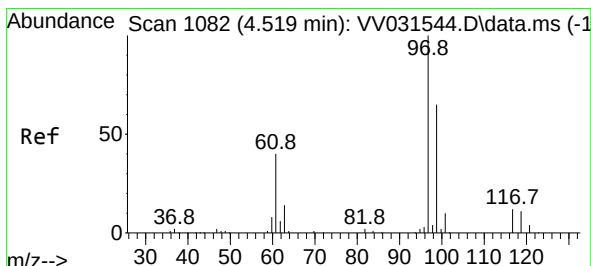
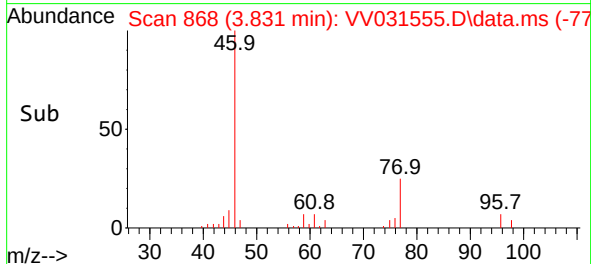
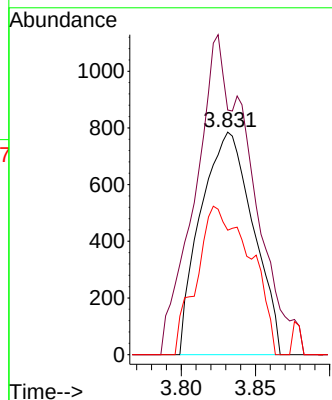
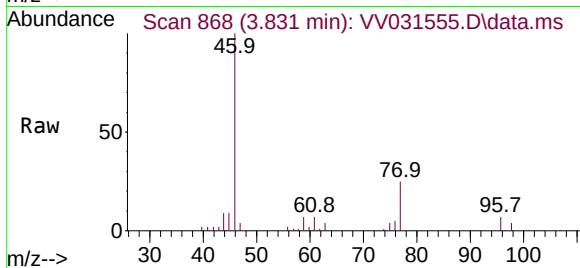




#20
 cis-1,2-Dichloroethene
 Concen: 1.005 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV031555.D
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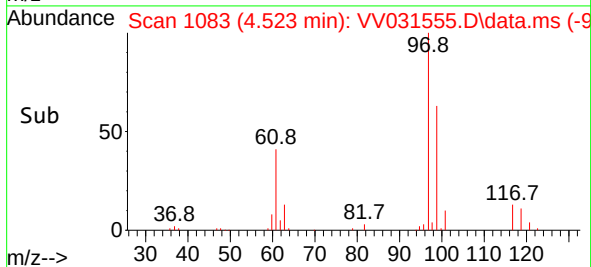
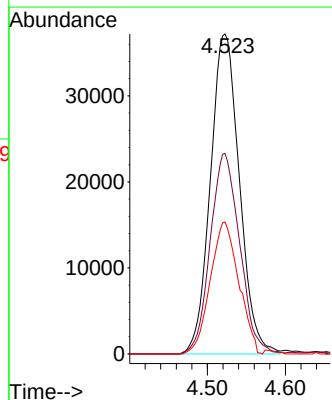
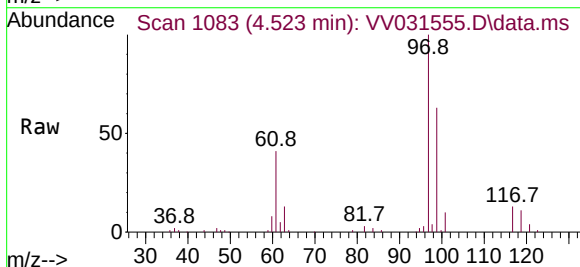
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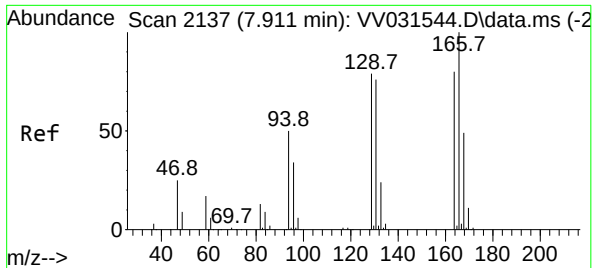
Tgt Ion: 96 Resp: 1930
 Ion Ratio Lower Upper
 96 100
 61 109.9 98.6 183.0
 98 55.9 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 26.241 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV031555.D
 Acq: 16 Jun 2023 01:47

Tgt Ion: 97 Resp: 96232
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.8 77.6
 61 40.6 33.0 49.6





#46

Tetrachloroethene

Concen: 1.765 ug/L

RT: 7.911 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031555.D

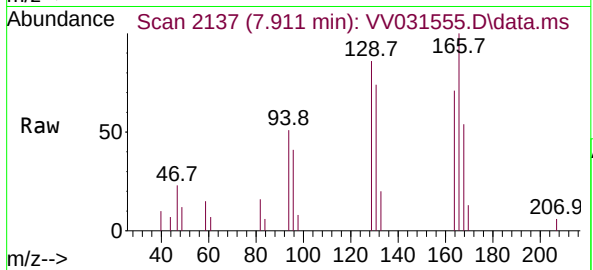
Acq: 16 Jun 2023 01:47

Instrument :

MSVOA_V

ClientSampleId :

EXYX8



Tgt Ion:164 Resp: 2819

Ion Ratio Lower Upper

164 100

129 119.8 68.4 127.0

131 103.7 67.6 125.6

166 140.0 91.3 169.5

