

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030997.D
 Acq On : 05 May 2023 16:20
 Operator : SY/MD
 Sample : 02613-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: May 06 01:48:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

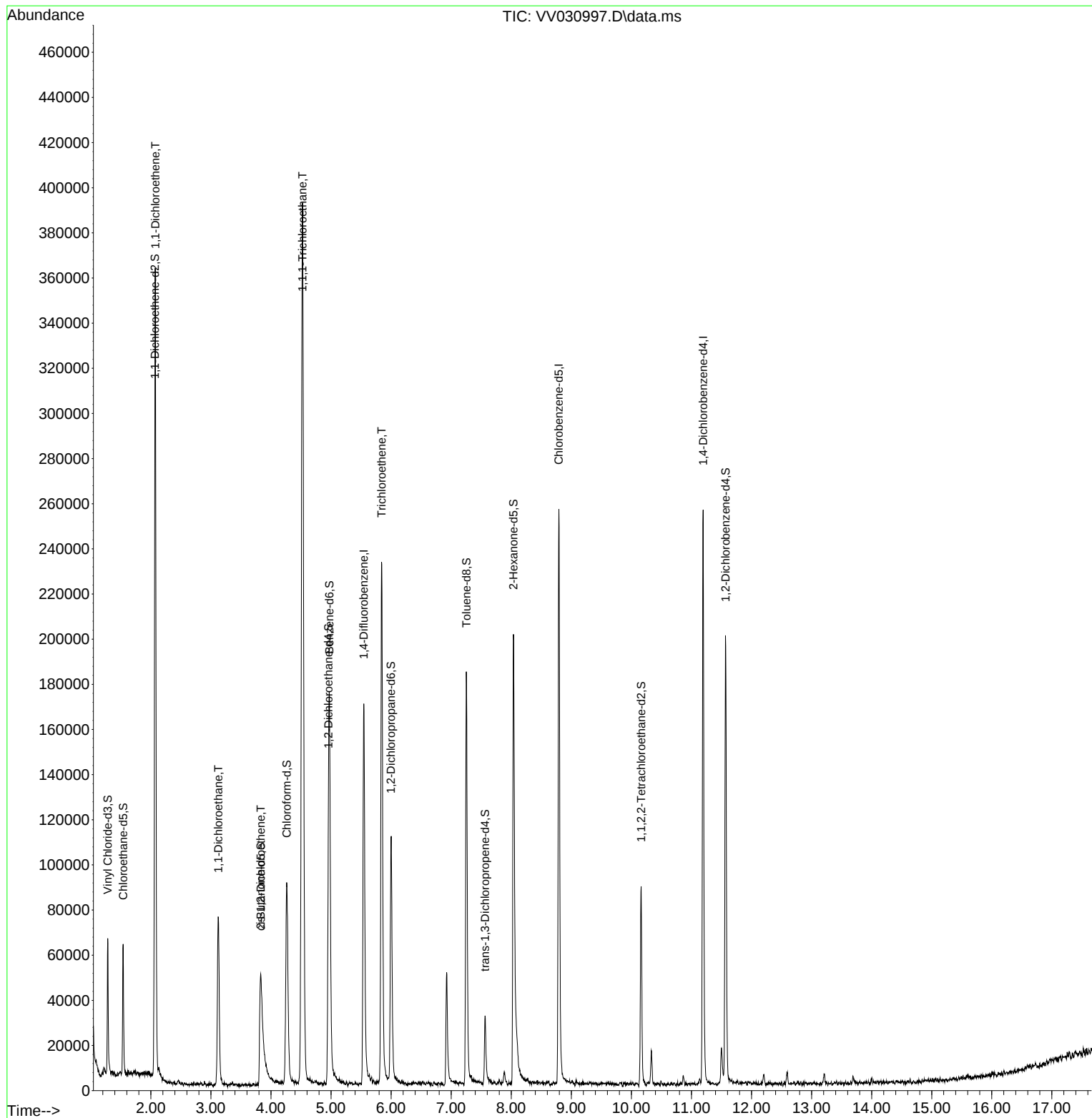
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	145111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39055	3.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.539	69	34822	3.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.066	65	21715	3.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.828	46	102252	48.230	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	4.262	84	91441	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	4.957	65	50733	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	4.973	84	150532	3.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	5.998	67	44763	3.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.252	98	124023	3.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.564	79	16923	3.758	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.037	63	69889	44.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.600%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37380	4.293	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	53835	4.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	78066	7.994	ug/L #	74
19) 1,1-Dichloroethane	3.124	63	73189	4.249	ug/L	99
22) cis-1,2-Dichloroethene	3.831	96	3920	0.417	ug/L	100
29) 1,1,1-Trichloroethane	4.526	97	321067	18.129	ug/L	99
34) Trichloroethene	5.841	95	78127	8.267	ug/L	99

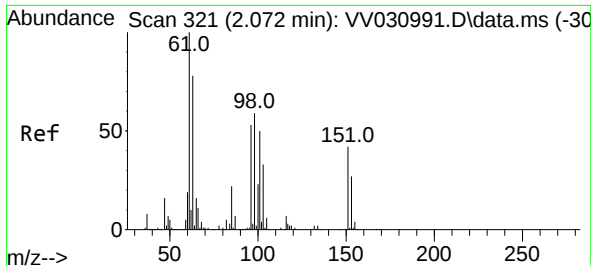
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.994 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AA4

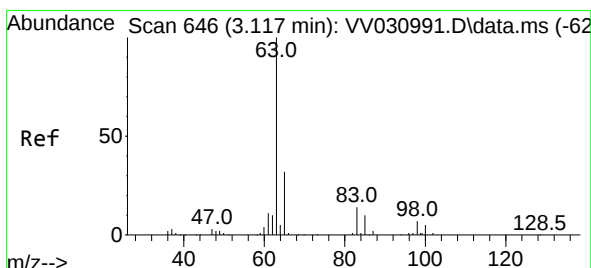
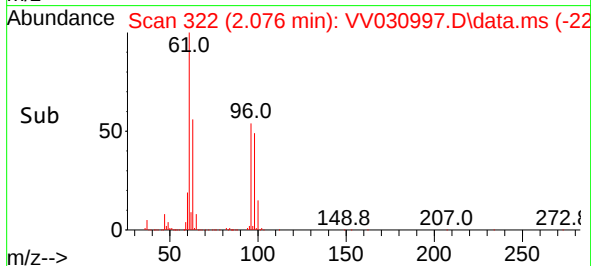
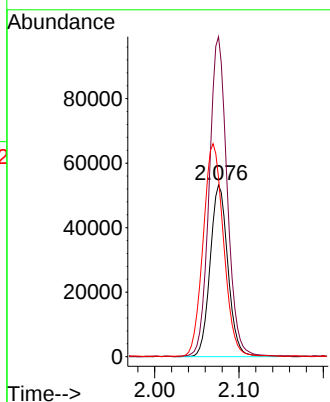
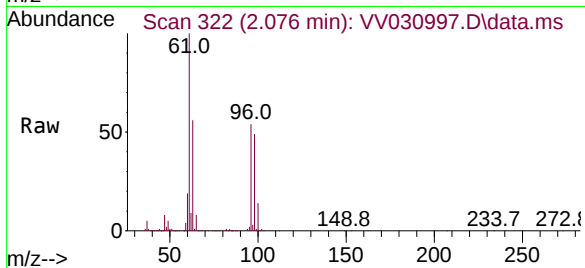
Tgt Ion: 96 Resp: 78066

Ion Ratio Lower Upper

96 100

61 186.4 135.6 251.8

63 104.4 121.1 224.9#



#19

1,1-Dichloroethane

Concen: 4.249 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.007 min

Lab File: VV030997.D

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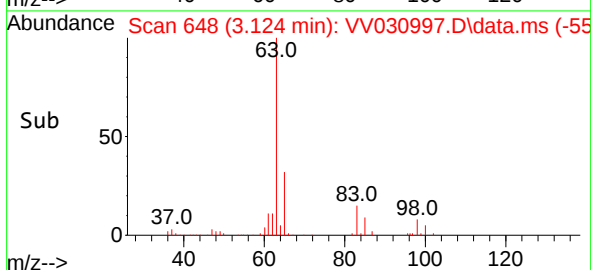
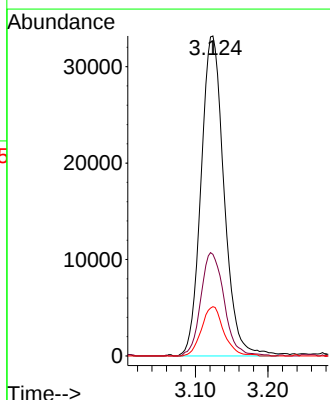
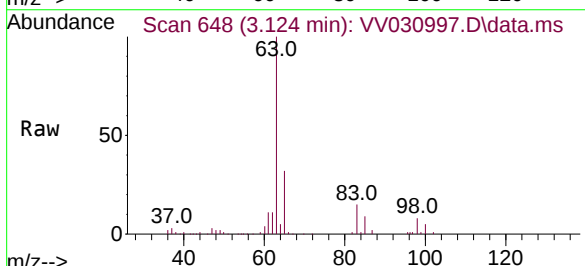
Tgt Ion: 63 Resp: 73189

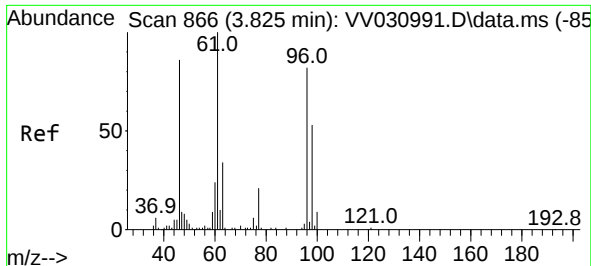
Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 15.4 10.2 19.0

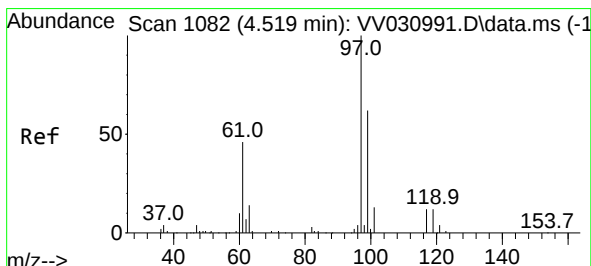
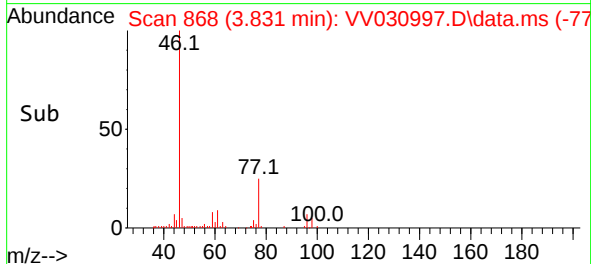
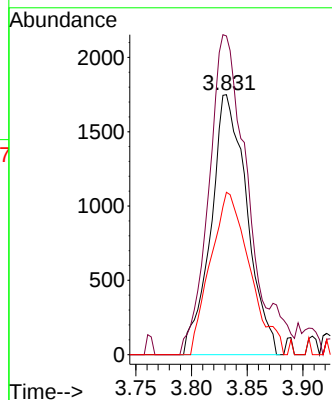
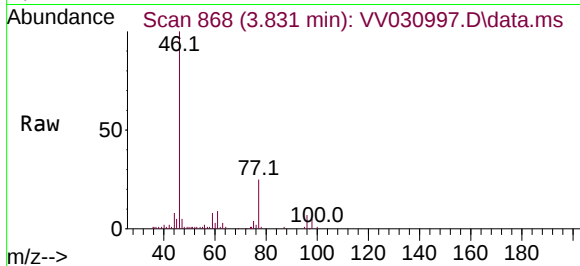




#22
 cis-1,2-Dichloroethene
 Concen: 0.417 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VV030997.D
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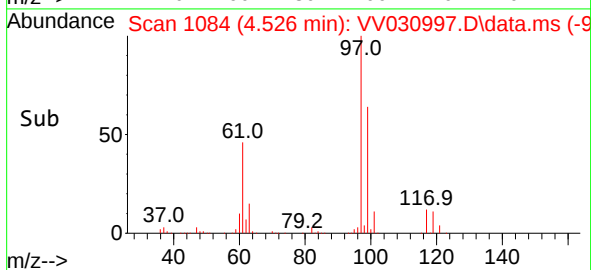
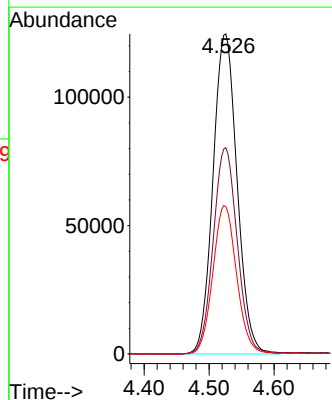
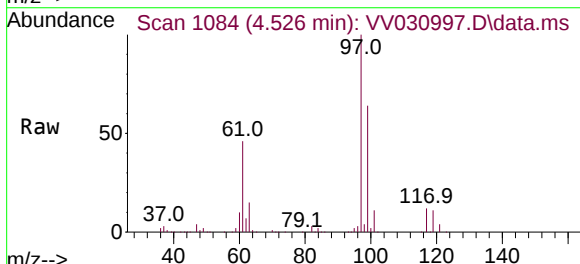
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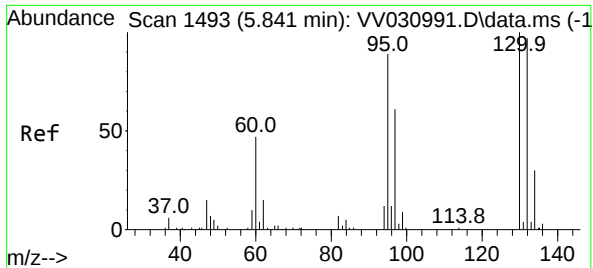
Tgt Ion: 96 Resp: 3920
 Ion Ratio Lower Upper
 96 100
 61 122.6 86.0 159.6
 98 62.5 43.2 80.2



#29
 1,1,1-Trichloroethane
 Concen: 18.129 ug/L
 RT: 4.526 min Scan# 1084
 Delta R.T. 0.007 min
 Lab File: VV030997.D
 Acq: 05 May 2023 16:20

Tgt Ion: 97 Resp: 321067
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.2
 61 45.7 37.4 56.0





#34
 Trichloroethene
 Concen: 8.267 ug/L
 RT: 5.841 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VV030997.D
 Acq: 05 May 2023 16:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Tgt Ion: 95 Resp: 78127

Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.2	85.8
132	104.9	72.7	135.1
130	108.3	75.7	140.5

