

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034623.D
 Acq On : 14 Mar 2024 23:25
 Operator : SY/MD
 Sample : P1751-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL44

Quant Time: Mar 15 07:36:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

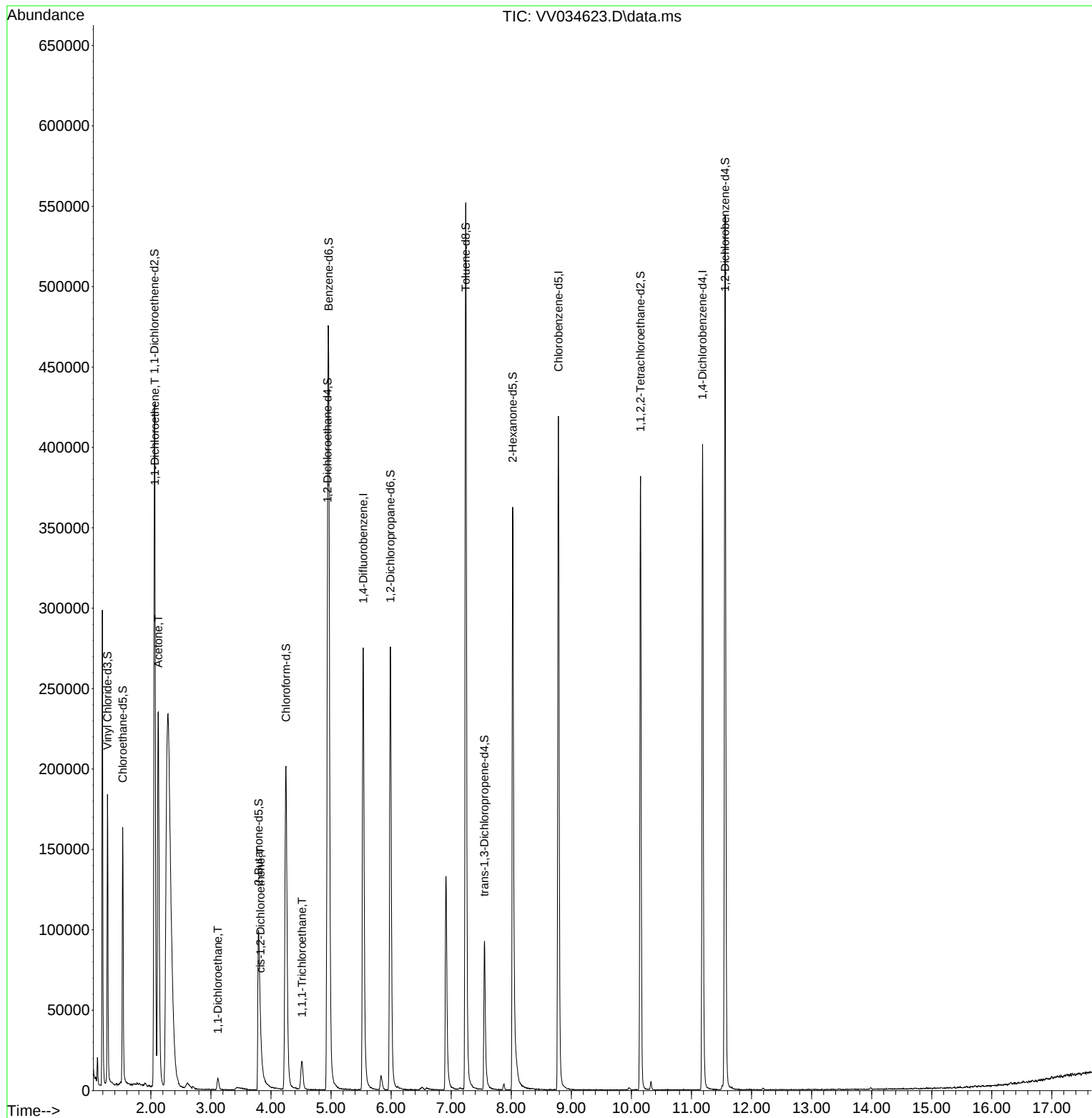
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	237570	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	224345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112258	54.508	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.020%		
7) Chloroethane-d5	1.532	69	96452	60.114	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 120.220%		
11) 1,1-Dichloroethene-d2	2.060	65	51733	55.543	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 111.080%		
21) 2-Butanone-d5	3.793	46	178950	129.932	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 129.930%		
24) Chloroform-d	4.249	84	215377	59.147	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 118.300%		
26) 1,2-Dichloroethane-d4	4.941	65	146618	61.616	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 123.240%		
32) Benzene-d6	4.960	84	415696	61.396	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 122.800%		
36) 1,2-Dichloropropane-d6	5.989	67	130665	63.236	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 126.480%#		
41) Toluene-d8	7.243	98	362932	59.232	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 118.460%		
43) trans-1,3-Dichloroprop...	7.555	79	56538	54.487	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 108.980%		
47) 2-Hexanone-d5	8.024	63	124961	121.107	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 121.110%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	174865	64.307	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 128.620%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	138350	65.312	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 130.620%#		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	51893	29.171	ug/L #	59
13) Acetone	2.124	43	301090	181.852	ug/L	99
19) 1,1-Dichloroethane	3.114	63	8234	2.441	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	2934	1.571	ug/L	89
30) 1,1,1-Trichloroethane	4.516	97	15058m	4.681	ug/L	

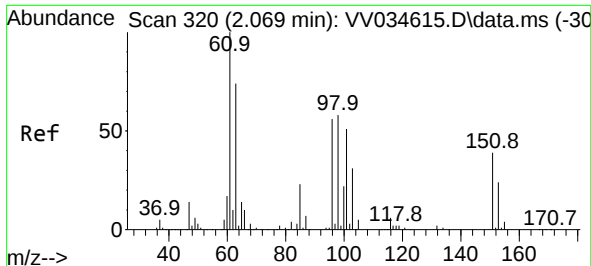
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 06:40:01 2024
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#12

1,1-Dichloroethene

Concen: 29.171 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034623.D

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Instrument :

MSVOA_V

ClientSampleId :

YCL44

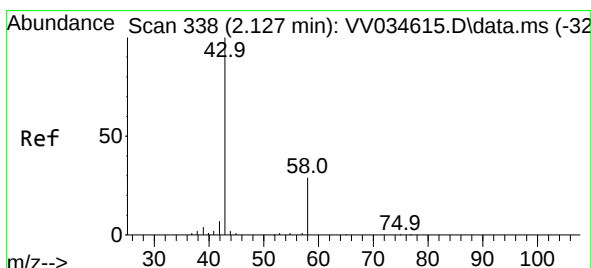
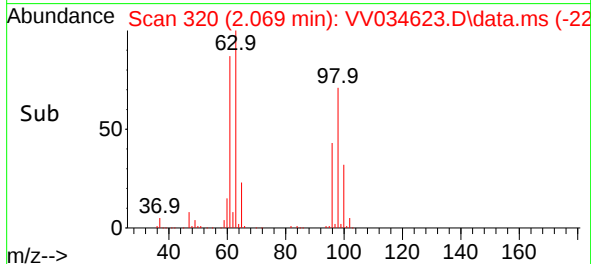
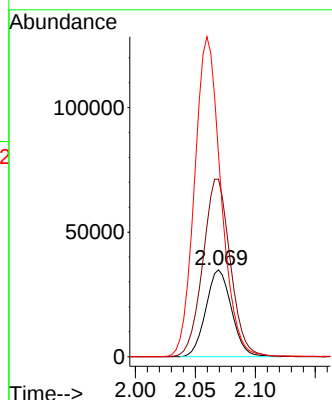
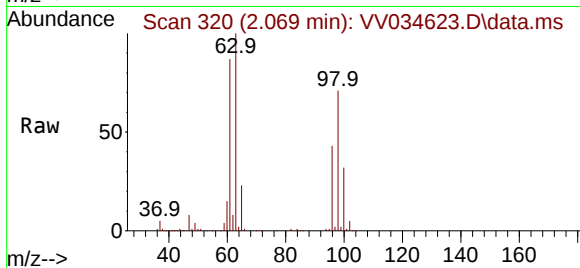
Tgt Ion: 96 Resp: 51893

Ion Ratio Lower Upper

96 100

61 204.5 128.9 239.3

63 234.2 98.0 182.0#



#13

Acetone

Concen: 181.852 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034623.D

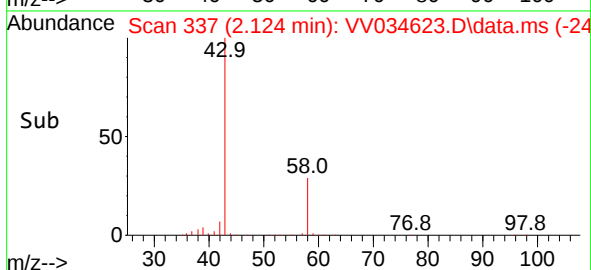
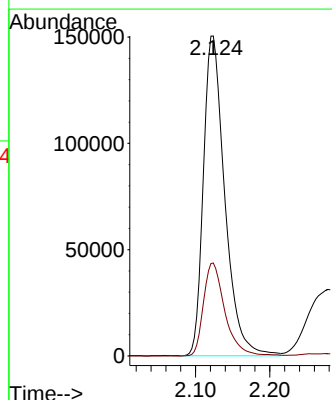
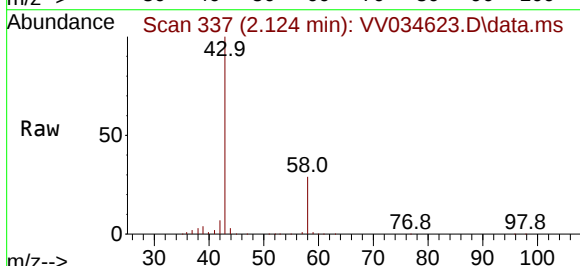
Acq: 14 Mar 2024 23:25

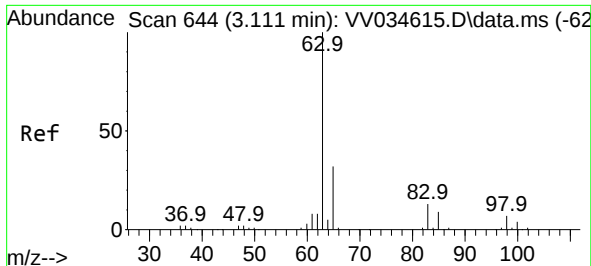
Tgt Ion: 43 Resp: 301090

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2





#19

1,1-Dichloroethane

Concen: 2.441 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034623.D

Acq: 14 Mar 2024 23:25

Instrument :

MSVOA_V

ClientSampleId :

YCL44

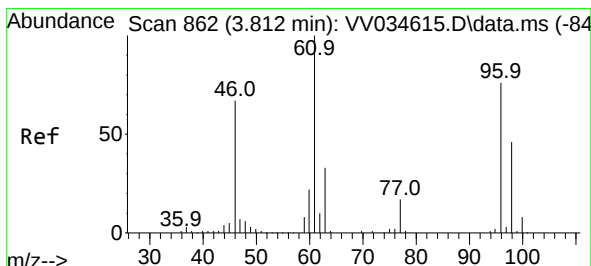
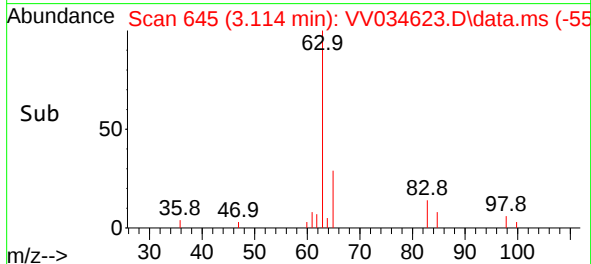
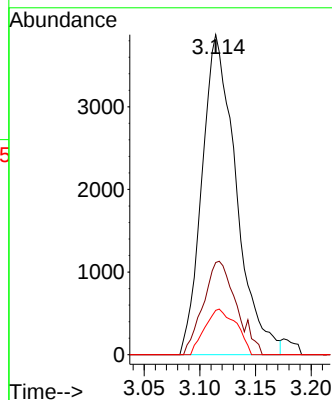
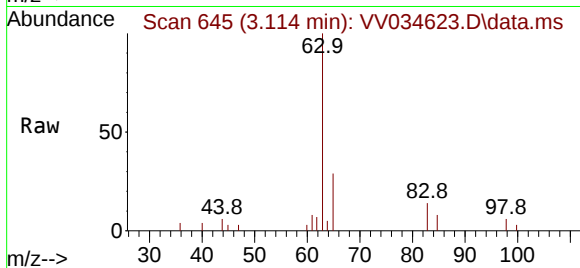
Tgt Ion: 63 Resp: 8234

Ion Ratio Lower Upper

63 100

65 28.8 22.1 41.1

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 1.571 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.013 min

Lab File: VV034623.D

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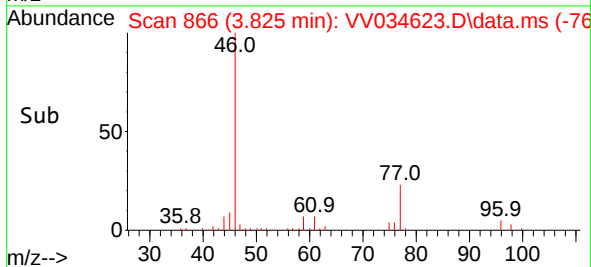
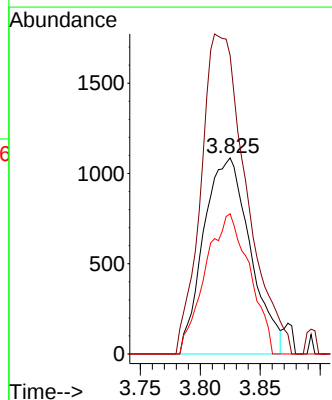
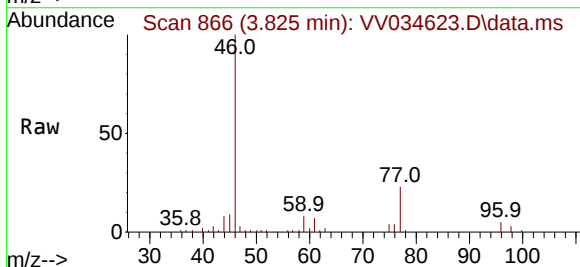
Tgt Ion: 96 Resp: 2934

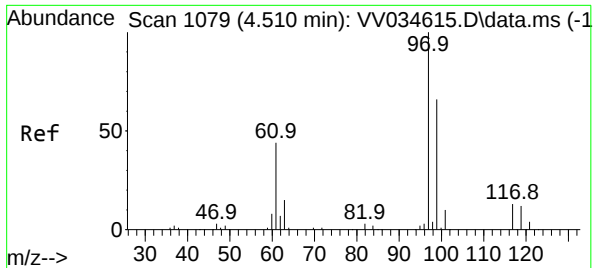
Ion Ratio Lower Upper

96 100

61 152.3 96.0 178.4

98 71.5 46.0 85.4





#30
 1,1,1-Trichloroethane
 Concen: 4.681 ug/L m
 RT: 4.516 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV034623.D
 Acq: 14 Mar 2024 23:25

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL44

Tgt Ion: 97	Resp: 15058
Ion Ratio	Lower Upper
97	100
99	65.2 51.3 76.9
61	44.6 36.0 54.0

