

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019692.D
 Acq On : 18 Dec 2020 12:09
 Operator : SY/MD
 Sample : L5062-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B30

Quant Time: Dec 19 05:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	487081	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	443383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	195172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	162546	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.08%
7) Chloroethane-d5	1.57	69	145470	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.62%
11) 1,1-Dichloroethene-d2	2.11	63	205952	31.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.54%
21) 2-Butanone-d5	3.89	46	292473	154.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	154.06%#
24) Chloroform-d	4.35	84	330620	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	5.03	65	249578	60.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.34%
32) Benzene-d6	5.05	84	620982	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.02%
36) 1,2-Dichloropropane-d6	6.07	67	217361	58.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.36%
41) Toluene-d8	7.32	98	486514	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.62	79	92713	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.09	63	191939	132.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.02%#
57) 1,1,2,2-Tetrachloroethane-	10.22	84	289080	57.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.63	152	184629	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%

Target Compounds

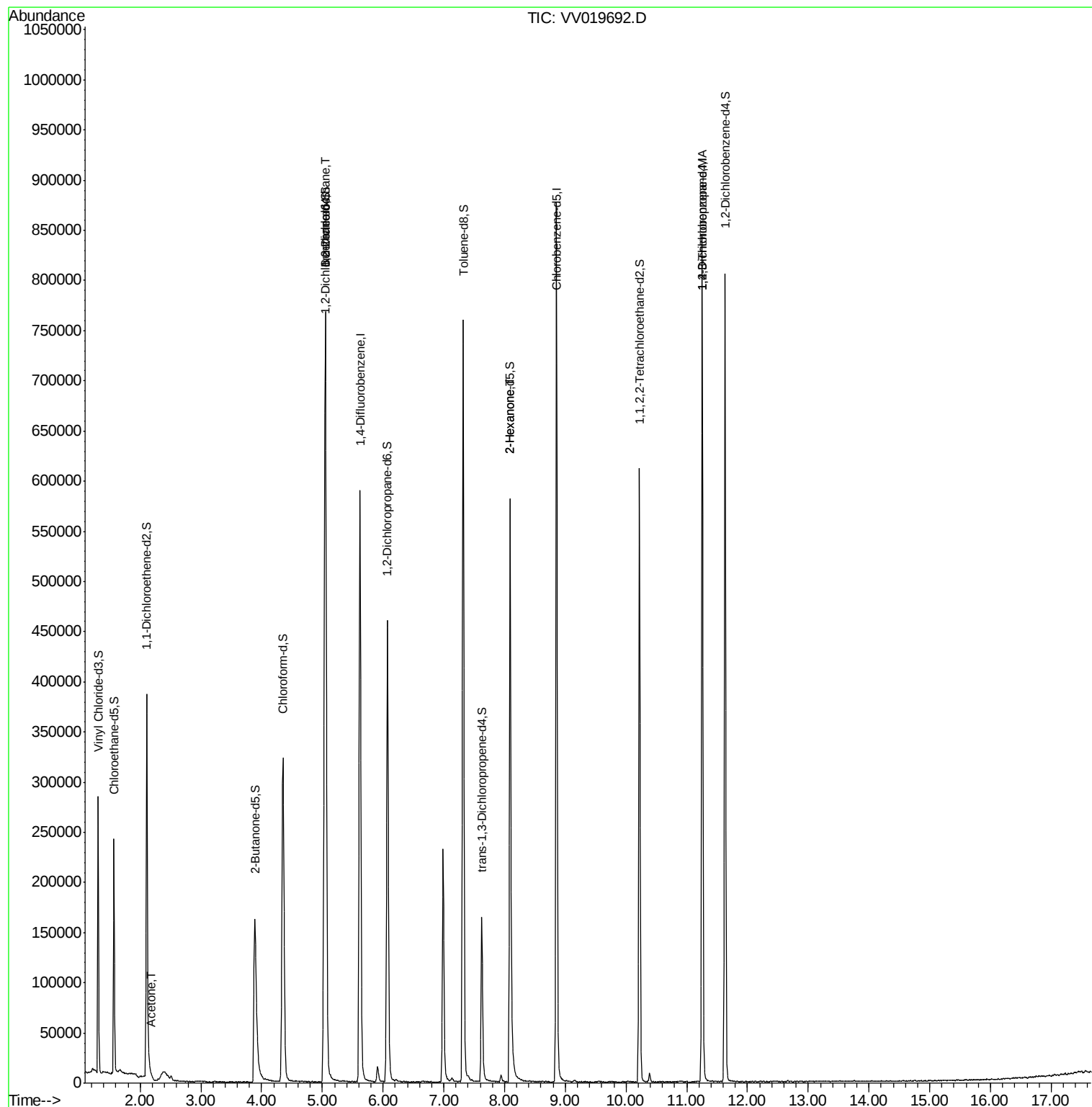
					Ovalue
13) Acetone	2.18	43	4705	2.909 ug/L	95
27) 1,2-Dichloroethane	5.05	62	3785	0.742 ug/L	96
48) 2-Hexanone	8.09	43	23474	6.337 ug/L #	77
59) 1,2,3-Trichloropropane	11.25	75	26707	6.345 ug/L	91

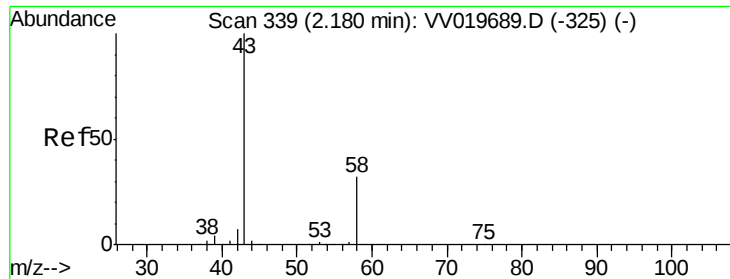
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.909 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV019692.D

Acq: 18 Dec 2020 12:09

Instrument :

MSVOA_V

ClientSampleId :

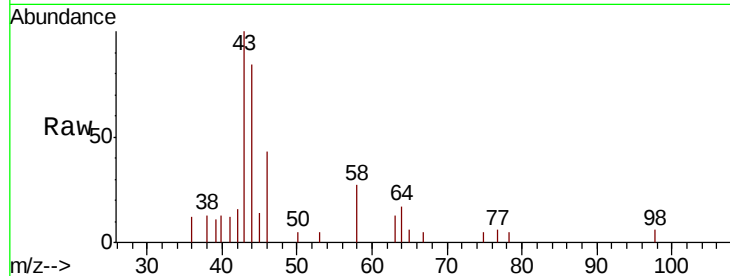
C0B30

Tot Ion: 43 Resp: 4705

Ion Ratio Lower Upper

43 100

58 28.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019689.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019689.D (-325) (-)

2500

2000

1500

1000

500

0

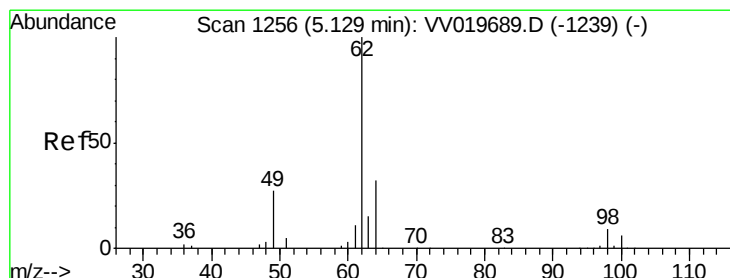
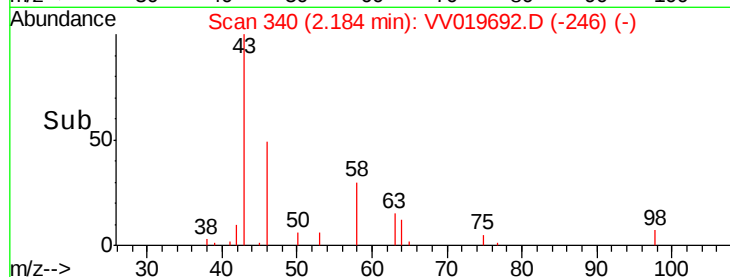
2.18

2.15

2.20

2.25

Time-->



#27

1,2-Dichloroethane

Concen: 0.742 ug/L

RT: 5.05 min Scan# 1231

Delta R.T. -0.08 min

Lab File: VV019692.D

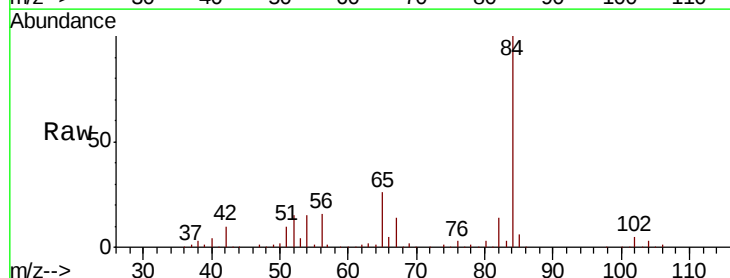
Acq: 18 Dec 2020 12:09

Tgt Ion: 62 Resp: 3785

Ion Ratio Lower Upper

62 100

98 7.7 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019689.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019689.D (-1239) (-)

2000

1500

1000

500

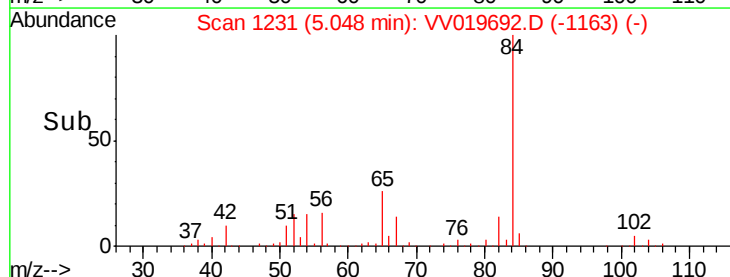
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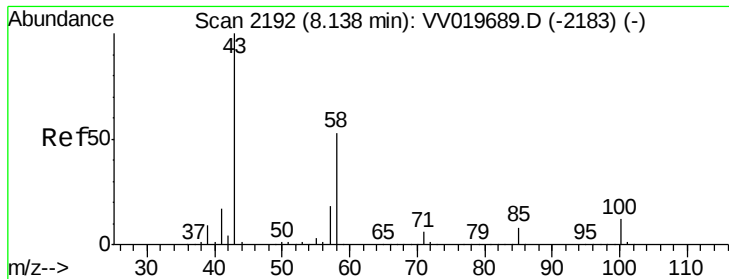
5.05

5.00

5.10

Time-->





#48

2-Hexanone

Concen: 6.337 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019692.D

Acq: 18 Dec 2020 12:09

Instrument :

MSVOA_V

ClientSampled :

C0B30

Tot Ion: 43 Resp: 23474

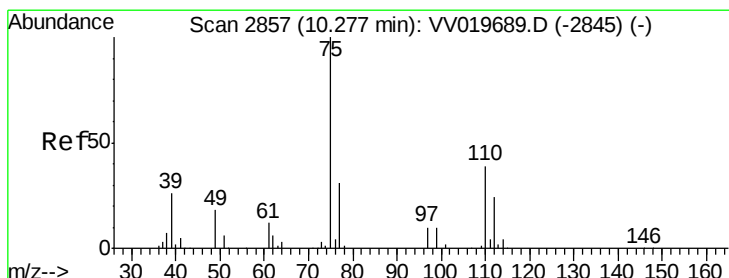
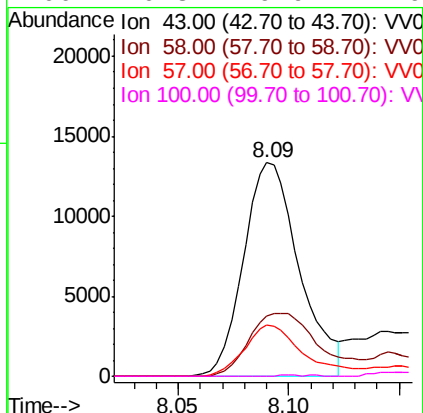
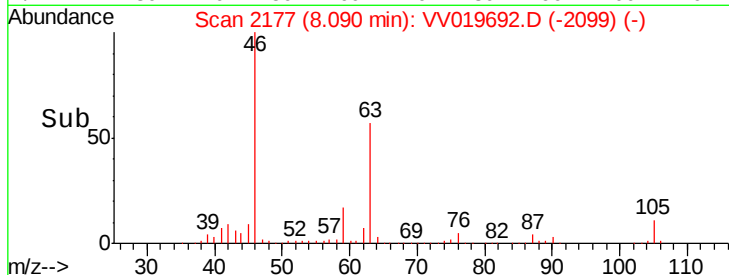
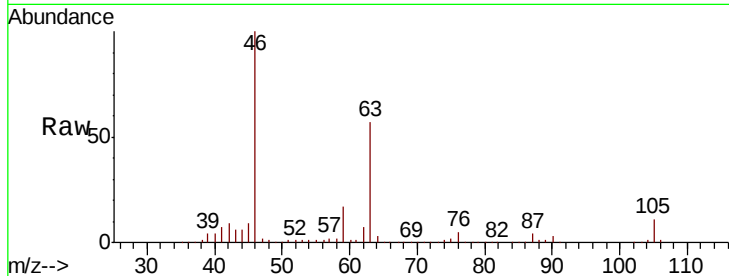
Ion Ratio Lower Upper

43 100

58 37.7 44.4 66.6#

57 25.2 15.7 23.5#

100 0.3 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.345 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019692.D

Acq: 18 Dec 2020 12:09

Tgt Ion: 75 Resp: 26707

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8

