

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016688.D
 Acq On : 09 Jun 2020 02:55
 Operator : SY/MD
 Sample : L2895-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0M2

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:39:03 AM

Quant Time: Jun 09 05:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345819	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106532	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.57	69	72626	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	144029	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	3.90	46	182508	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	4.37	84	233246	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.05	65	167772	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.07	84	458502	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.09	67	145141	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.34	98	404896	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	65618	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.11	63	122267	96.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184590	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	161376	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	86617	35.130 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	2024	0.865 ug/L	89
19) 1,1-Dichloroethane	3.21	63	4816	1.093 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	360122m	141.152 ug/L	
34) Trichloroethene	5.94	95	19079	7.433 ug/L	95
46) Tetrachloroethene	8.00	164	88930	44.054 ug/L	99

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

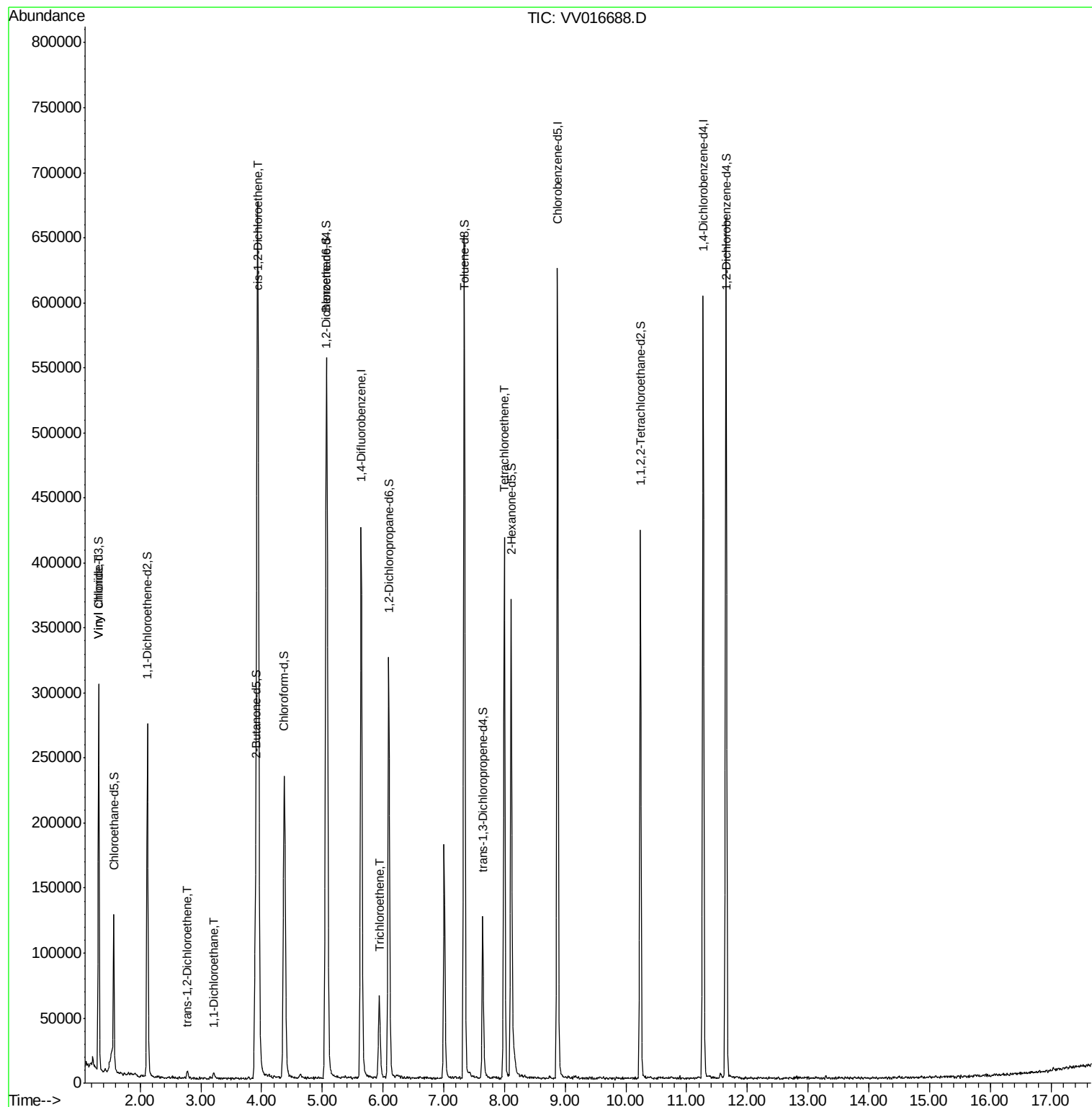
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016688.D
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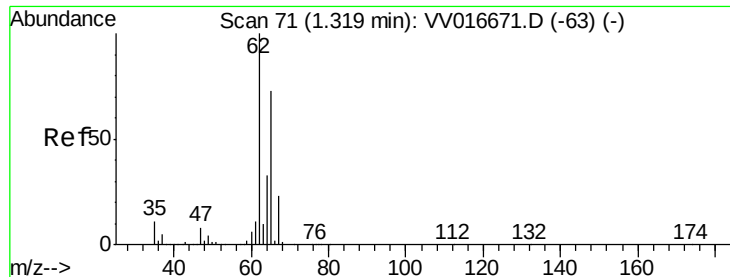
Instrument :
MSVOA_V
ClientSampleId :
EW0M2

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Quant Time: Jun 09 05:00:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.130 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

Instrument :

MSVOA_V

ClientSampleId :

EW0M2

Tot Ion: 62 Resp: 86617

Ion Ratio Lower Upper

62 100

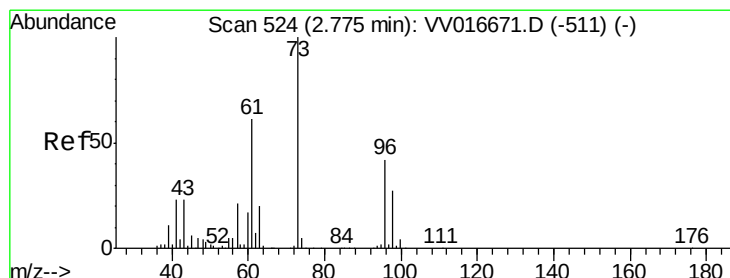
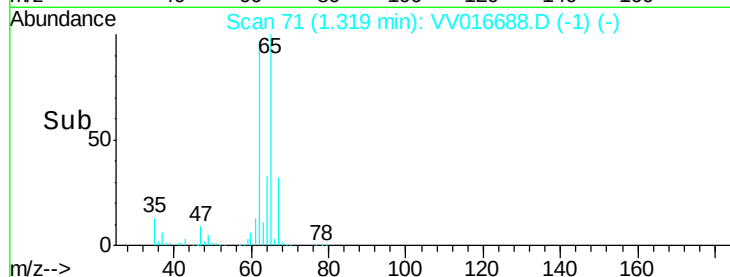
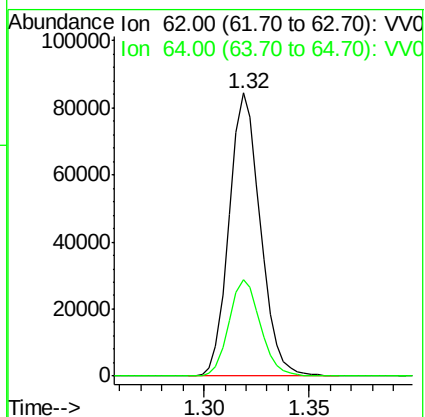
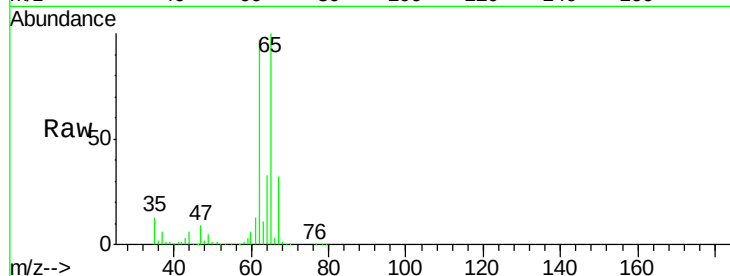
64 34.2 22.3 41.5

Manual Integrations

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6/10/2020 11:39:03 AM



#17

trans-1,2-Dichloroethene

Concen: 0.865 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

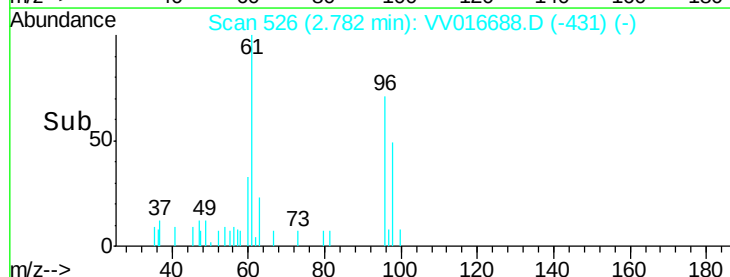
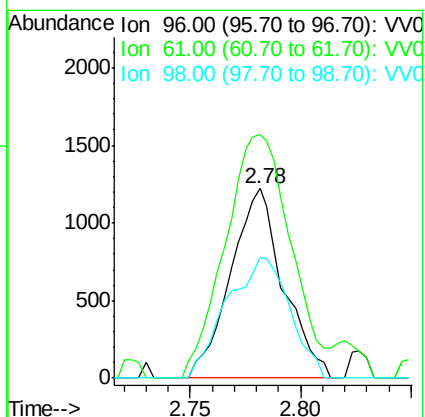
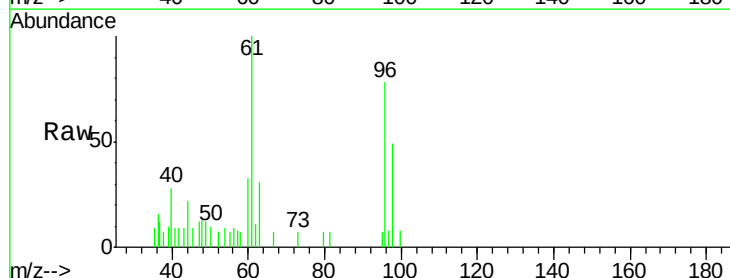
Tgt Ion: 96 Resp: 2024

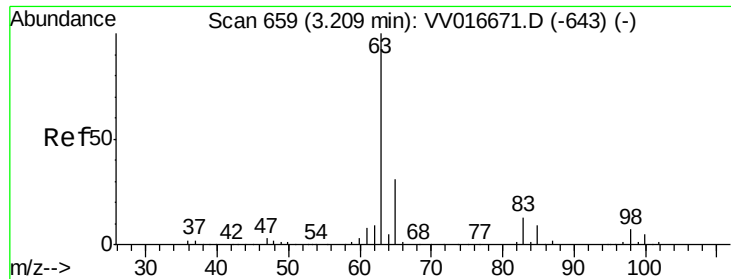
Ion Ratio Lower Upper

96 100

61 128.4 102.9 191.1

98 63.5 45.5 84.5





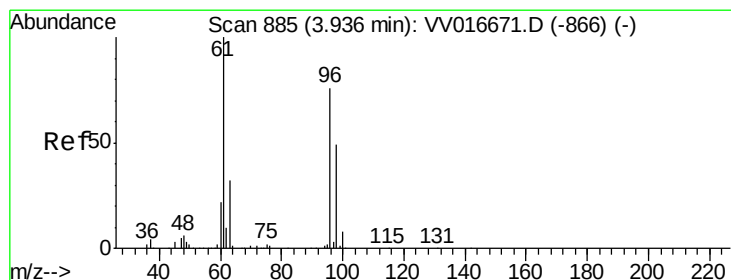
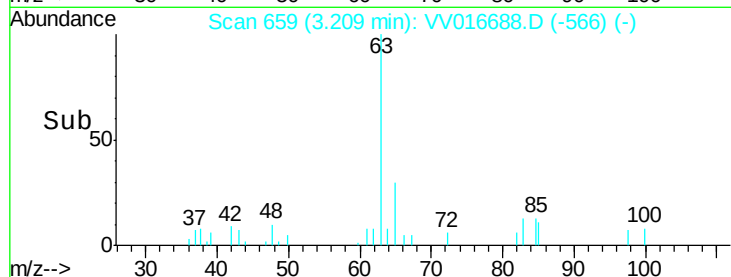
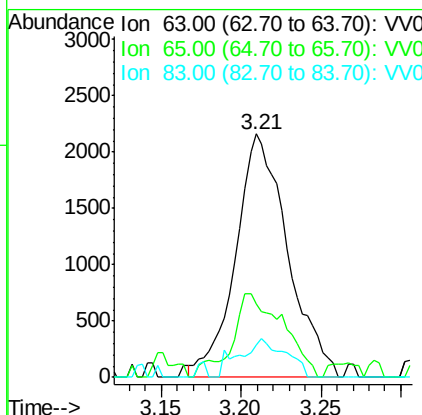
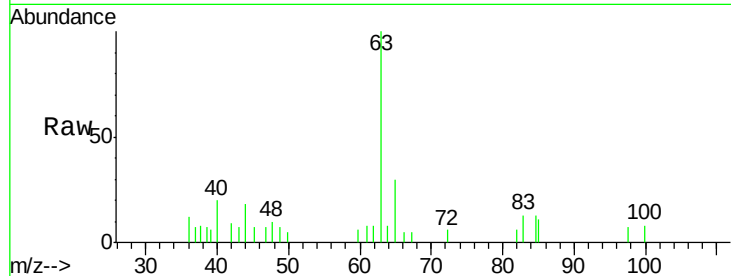
#19
 1,1-Dichloroethane
 Concen: 1.093 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV016688.D
 Acq: 09 Jun 2020 02:55

Instrument :
 MSVOA_V
 ClientSampled :
 EW0M2

Tot Ion:	63	Resp:	4816
Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.2	43.0
83	13.2	10.0	18.6

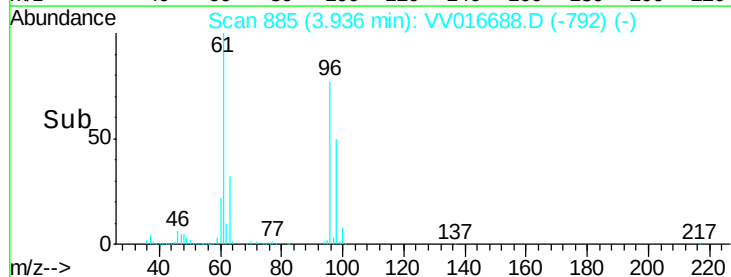
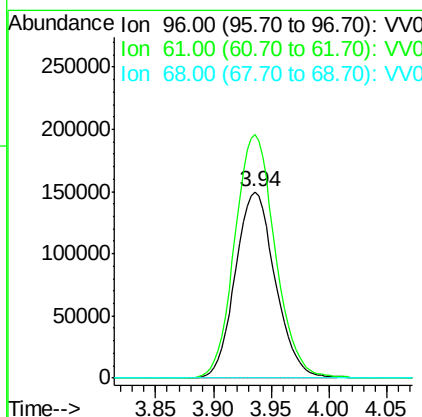
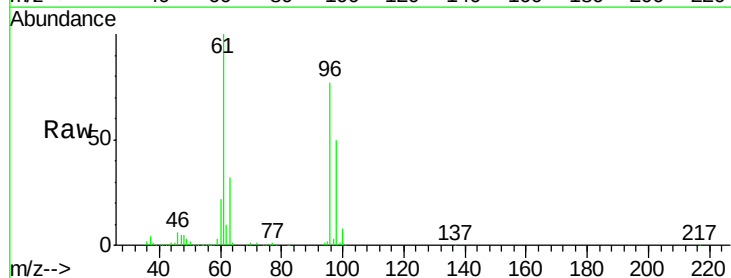
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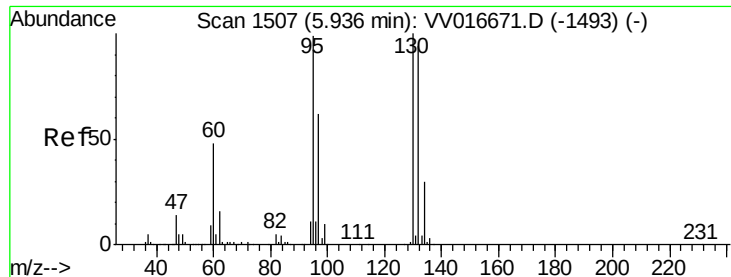
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 6/10/2020 11:39:03 AM



#20
 cis-1,2-Dichloroethene
 Concen: 141.152 ug/L m
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016688.D
 Acq: 09 Jun 2020 02:55

Tgt Ion:	96	Resp:	360122
Ion	Ratio	Lower	Upper
96	100		
61	130.6	93.4	173.4
68	0.1	0.0	0.0#





#34

Trichloroethene

Concen: 7.433 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

Instrument :

MSVOA_V

ClientSampleId :

EW0M2

Tot Ion: 95 Resp: 19079

Ion Ratio Lower Upper

95 100

97 62.5 44.3 82.3

132 102.0 67.9 126.1

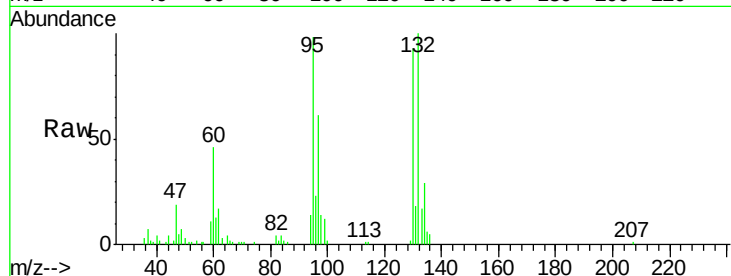
130 95.3 72.2 134.2

Manual Integrations

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6/10/2020 11:39:03 AM



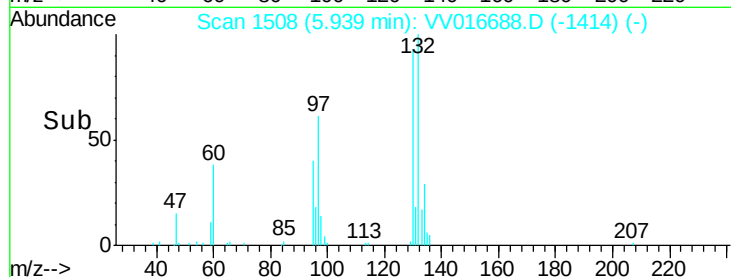
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

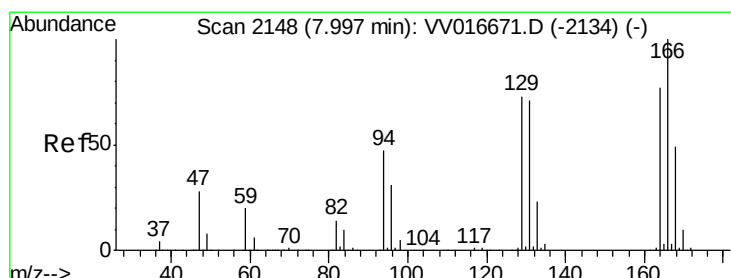
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#46

Tetrachloroethene

Concen: 44.054 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

Tgt Ion: 164 Resp: 88930

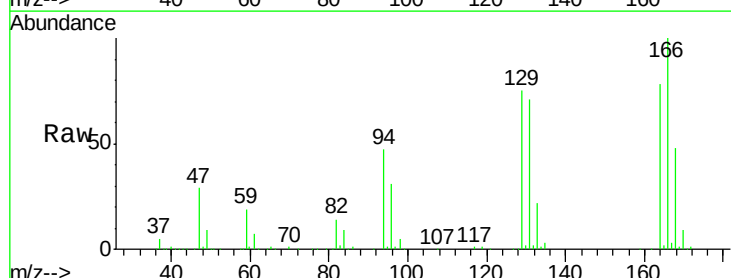
Ion Ratio Lower Upper

164 100

129 96.2 67.0 124.4

131 91.1 64.8 120.3

166 128.7 90.4 167.8



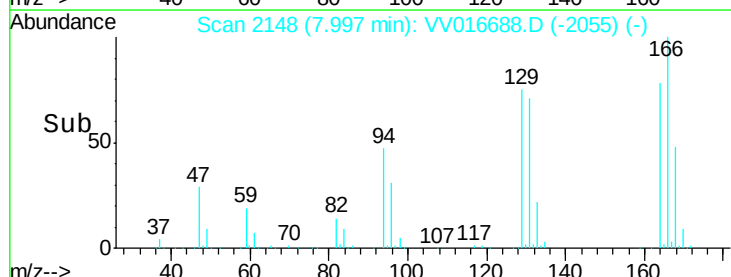
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->



Time-->

Time-->