

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016589.D
 Acq On : 06 Jun 2020 14:52
 Operator : SY/MD
 Sample : L2895-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K3

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 3:05:12 PM

Quant Time: Jun 07 00:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94601	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.64%
7) Chloroethane-d5	1.56	69	71835	37.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.30%
11) 1,1-Dichloroethene-d2	2.12	63	136461	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.48%#
21) 2-Butanone-d5	3.89	46	180285	105.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.37	84	223563	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	5.05	65	157931	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.07	84	441436	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.09	67	140528	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.34	98	399256	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%
43) trans-1,3-Dichloropropene-	7.64	79	67599	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.94%
47) 2-Hexanone-d5	8.11	63	135729	107.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190320	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	163674	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3421	1.178 ug/L #	47
20) cis-1,2-Dichloroethene	3.93	96	144735m	50.626 ug/L	
34) Trichloroethene	5.94	95	15236	5.580 ug/L	96
46) Tetrachloroethene	8.00	164	4424	2.101 ug/L	96

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

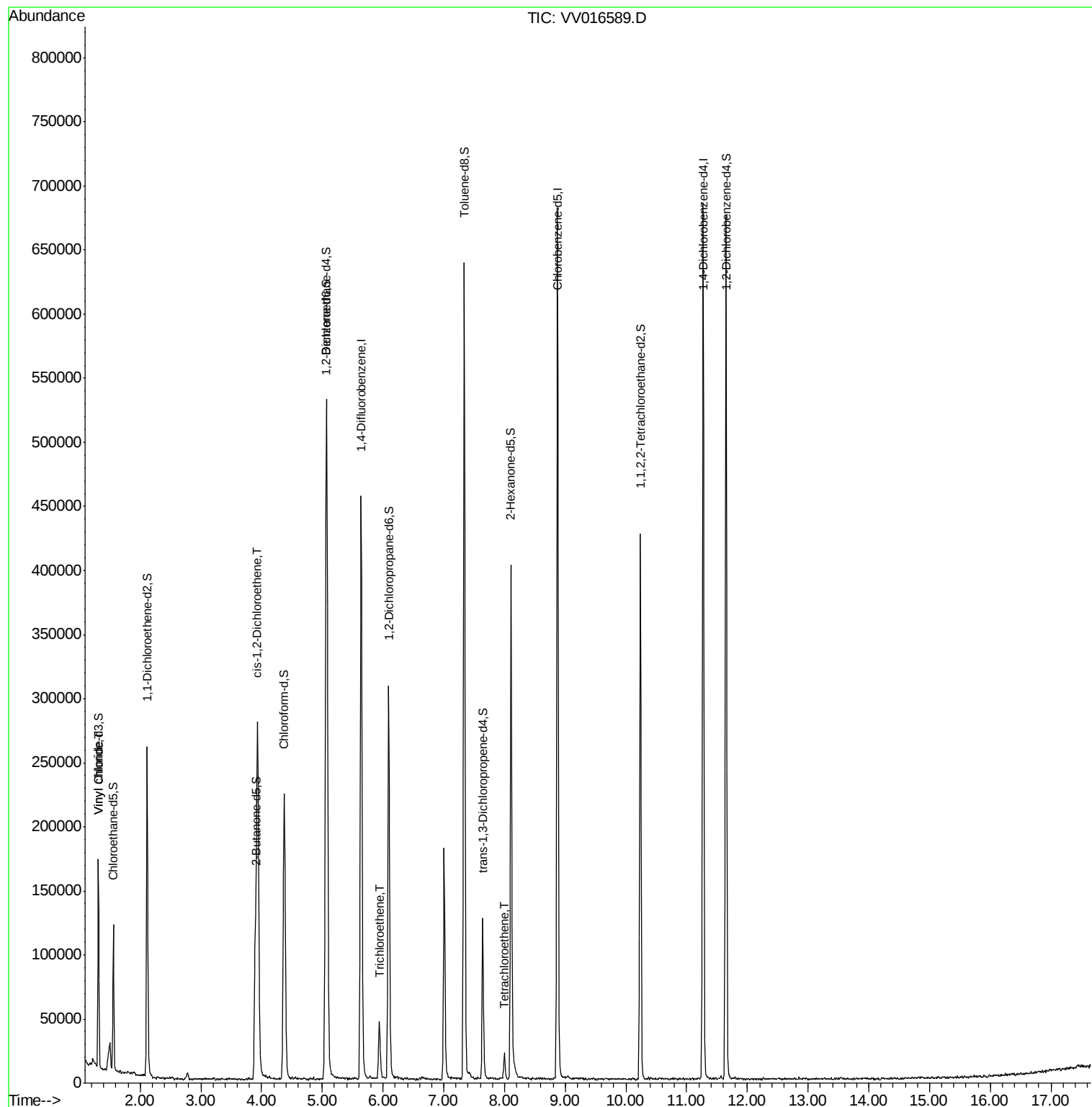
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016589.D
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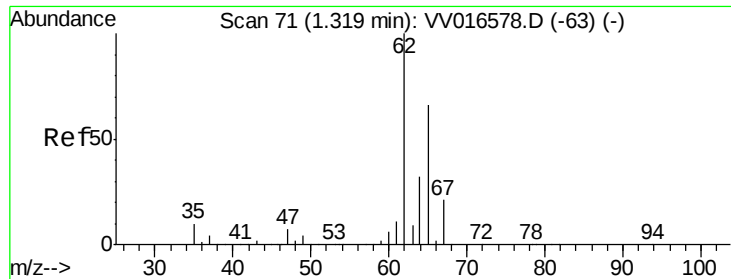
Instrument :
MSVOA_V
ClientSampleId :
EW0K3

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Quant Time: Jun 07 00:36:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.178 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Instrument :

MSVOA_V

ClientSampleId :

EW0K3

Tot Ion: 62 Resp: 3421

Ion Ratio Lower Upper

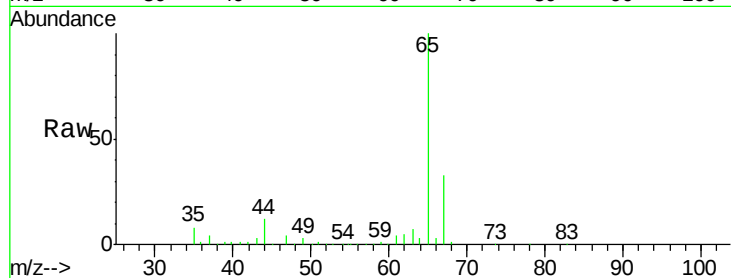
62 100

64 62.2 22.7 42.1#

Manual Integrations
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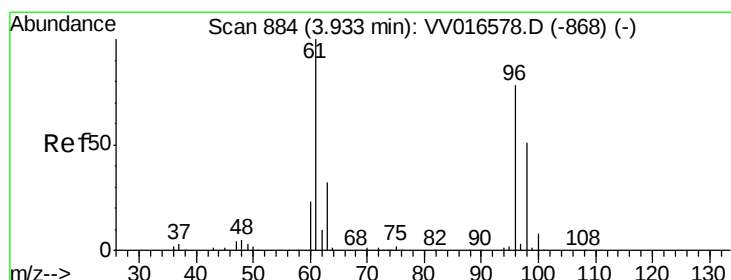
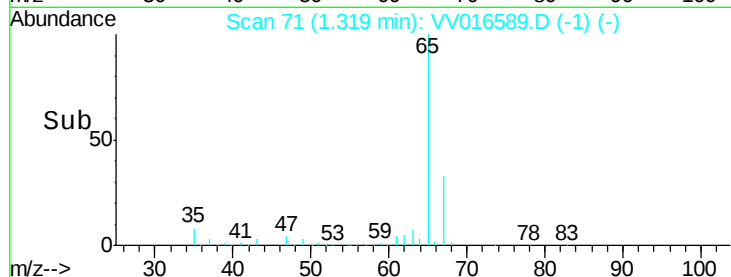
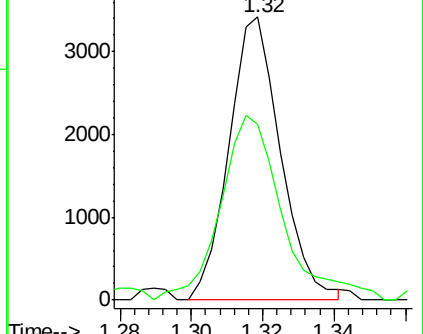
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6/8/2020 3:05:12 PM



Abundance Ion 62.00 (61.70 to 62.70): VV016578.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016589.D (-71) (-)



#20

cis-1,2-Dichloroethene

Concen: 50.626 ug/L m

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

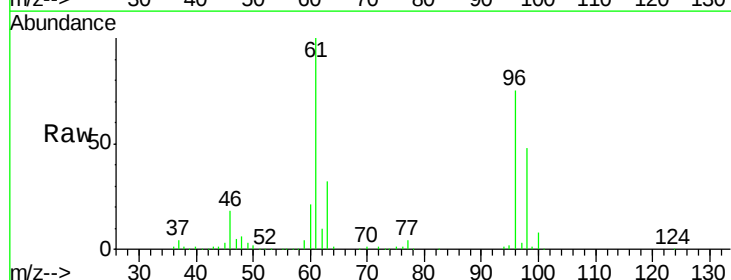
Tgt Ion: 96 Resp: 144735

Ion Ratio Lower Upper

96 100

61 133.3 93.4 173.4

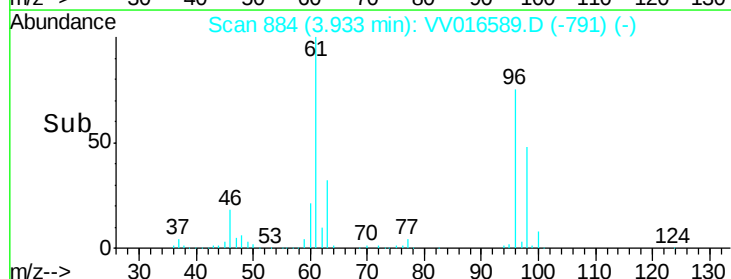
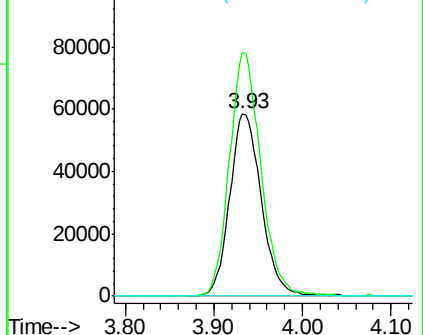
68 0.2 0.0 0.0#

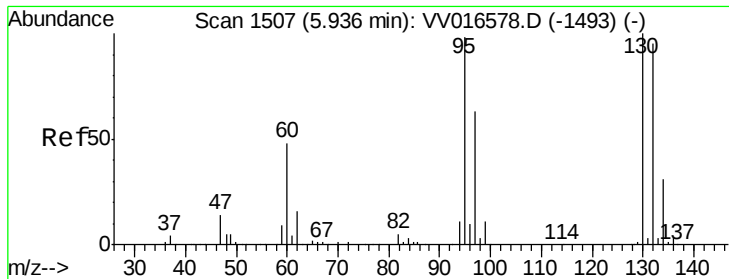


Abundance Ion 96.00 (95.70 to 96.70): VV016578.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV016589.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV016589.D (-791) (-)





#34

Trichloroethene

Concen: 5.580 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Instrument :

MSVOA_V

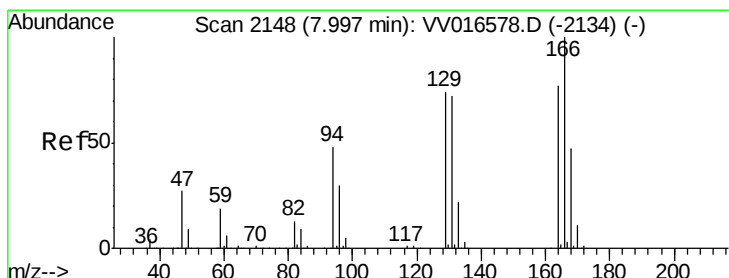
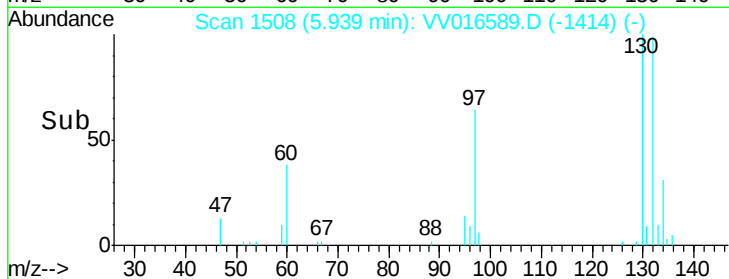
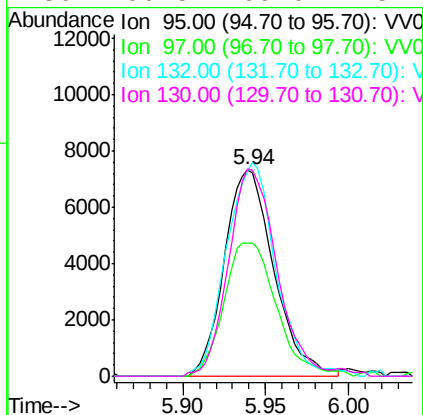
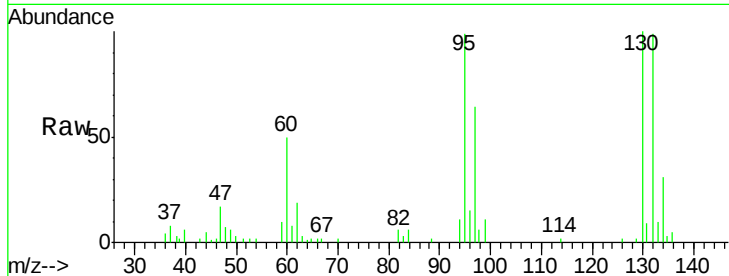
ClientSampled :

EW0K3

Tot Ion	95	Resp	15236
Ion	Ratio	Lower	Upper
95	100		
97	64.4	42.8	79.6
132	99.6	65.6	121.8
130	100.5	69.0	128.1

Manual Integrations
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#46

Tetrachloroethene

Concen: 2.101 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016589.D

Acq: 06 Jun 2020 14:52

Tgt Ion	164	Resp	4424
Ion	Ratio	Lower	Upper
164	100		
129	89.3	67.7	125.7
131	96.0	63.8	118.6
166	127.2	88.7	164.7

