

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016986.D
 Acq On : 18 Jun 2020 18:38
 Operator : SY/MD
 Sample : L3039-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M08

Manual Integrations
 APPROVED

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 6/19/2020 3:03:06 PM

Quant Time: Jun 19 07:08:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82084	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.42%
7) Chloroethane-d5	1.58	69	60543	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.88%
11) 1,1-Dichloroethene-d2	2.12	63	128227m	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	3.91	46	162636	90.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.38	84	217441m	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.06	65	156652	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.08	84	421990	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.09	67	134650	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.34	98	384376	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.64	79	66139	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.11	63	98386	77.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167977	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	161769	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	28907	11.354 ug/L	98
34) Trichloroethene	5.94	95	8372	3.258 ug/L	87
46) Tetrachloroethene	8.00	164	65973	32.640 ug/L	97

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

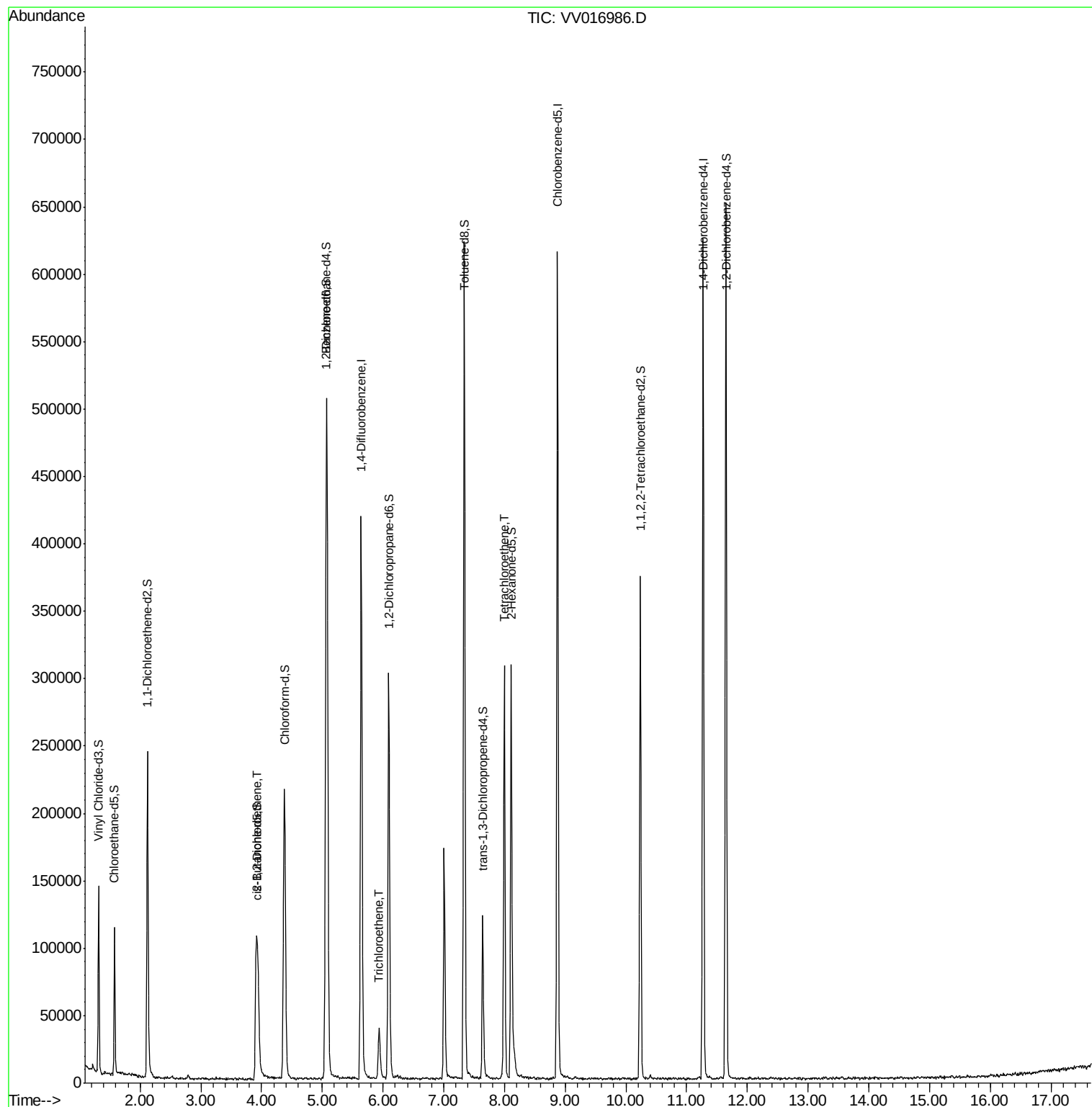
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061820\
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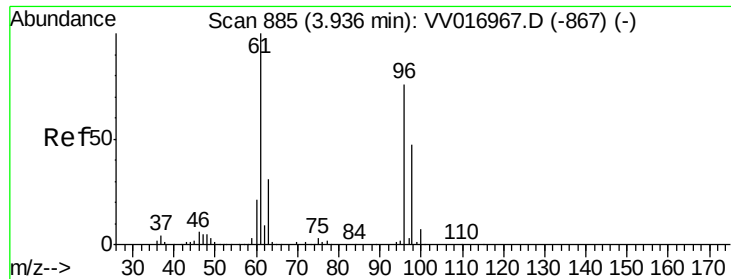
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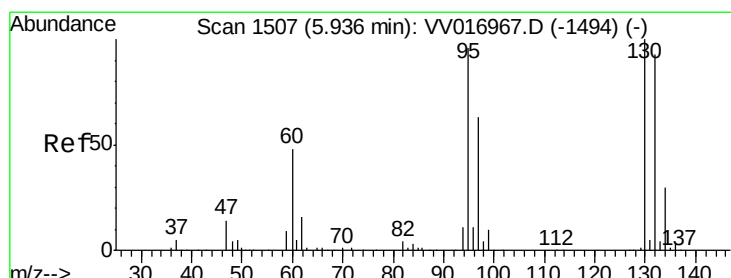
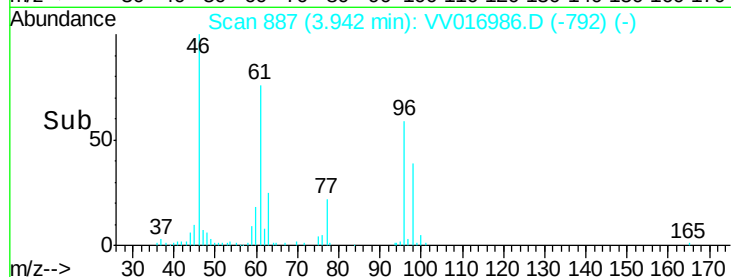
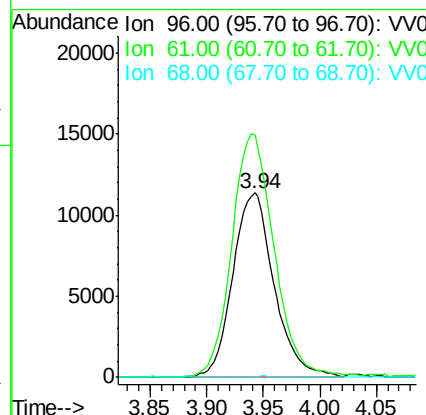
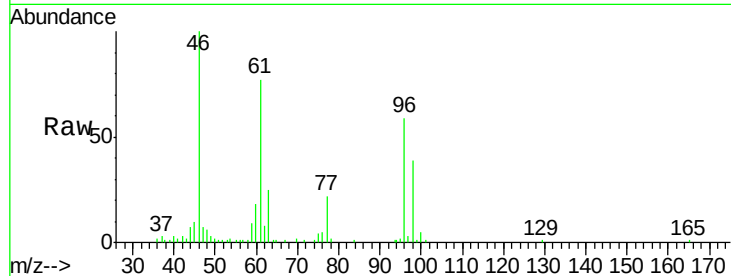
#20
cis-1,2-Dichloroethene
Concen: 11.354 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016986.D
Acq: 18 Jun 2020 18:38

Instrument :
MSVOA_V
ClientSampleId :
F9M08

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	93.4	173.4
68	0.0	0.0	0.0

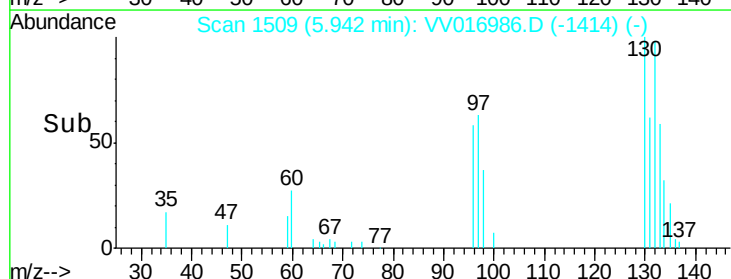
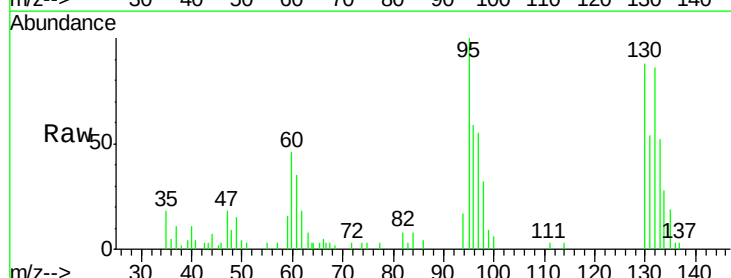
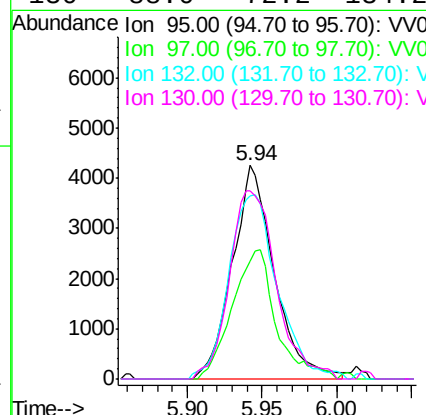
Manual Integrations
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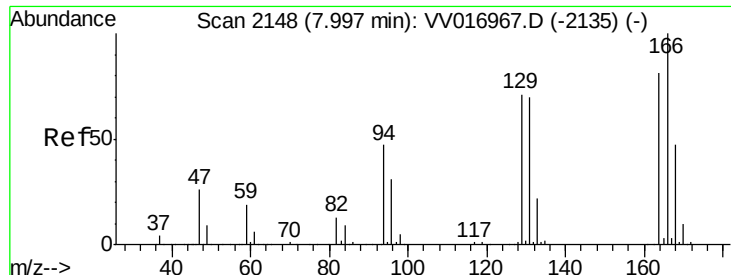
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#34
Trichloroethene
Concen: 3.258 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016986.D
Acq: 18 Jun 2020 18:38

Tgt Ion	Ratio	Lower	Upper
95	100		
97	55.1	44.3	82.3
132	85.9	67.9	126.1
130	88.0	72.2	134.2





#46

Tetrachloroethene

Concen: 32.640 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016986.D

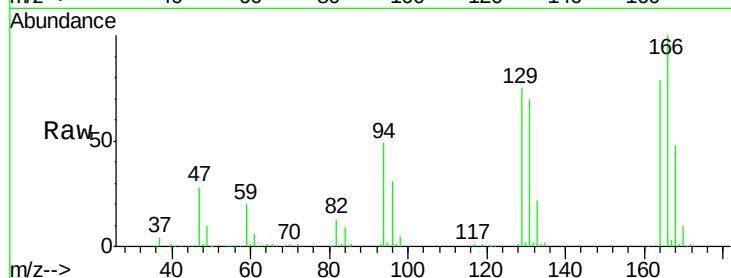
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Tot Ion:164 Resp: 65973

Ion Ratio Lower Upper

164 100

129 94.8 67.0 124.4

131 88.6 64.8 120.3

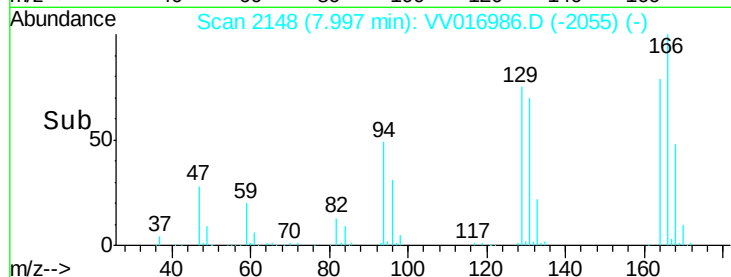
166 126.0 90.4 167.8

Manual Integrations

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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

