

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017759.D
 Acq On : 30 Jul 2020 20:39
 Operator : SY/MD
 Sample : L3486-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y24

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 3:56:47 PM

Quant Time: Jul 31 08:12:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315347	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67402	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.58	69	59058	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.96%
11) 1,1-Dichloroethene-d2	2.12	63	120478	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	3.91	46	116027	100.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.37	84	194439	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.06	65	151022	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.07	84	342536	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.09	67	97281	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.34	98	326217	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.64	79	58300	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.11	63	78446	93.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131029	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	142580	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.76	101	5507	1.253 ug/L	86
34) Trichloroethene	5.94	95	3112m	1.356 ug/L	
46) Tetrachloroethene	8.00	164	26957	13.259 ug/L	96

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

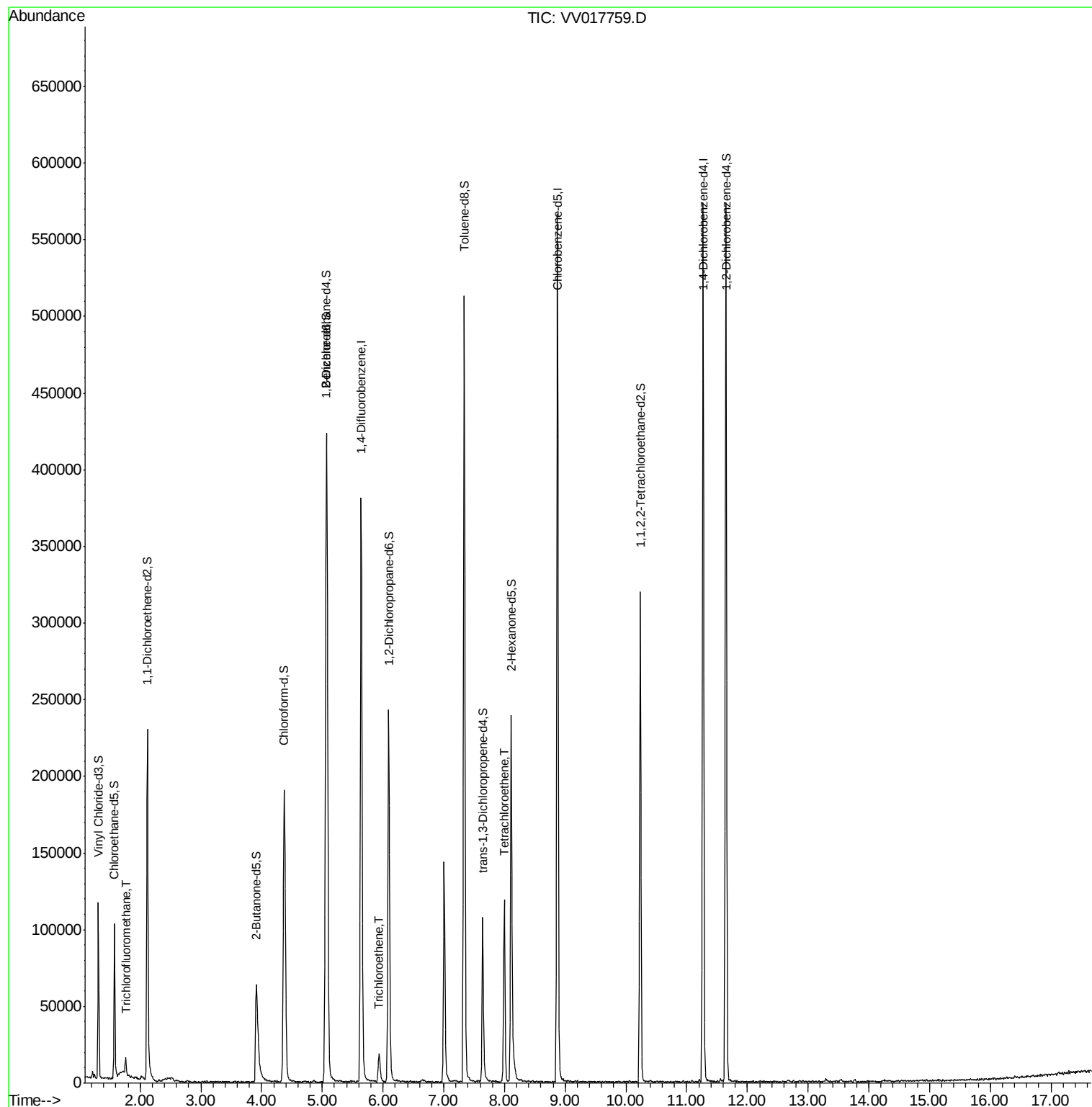
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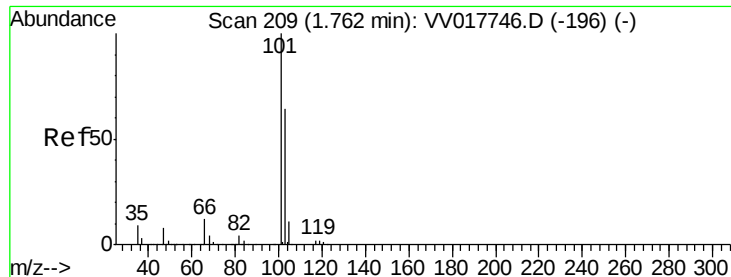
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#9

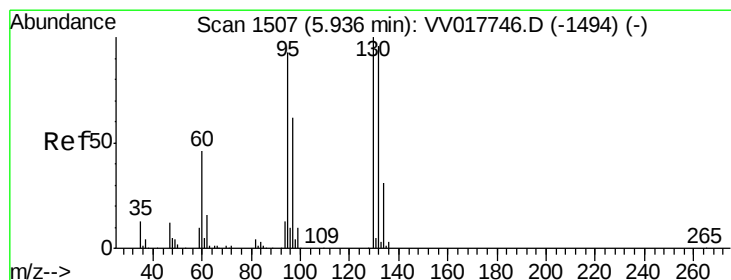
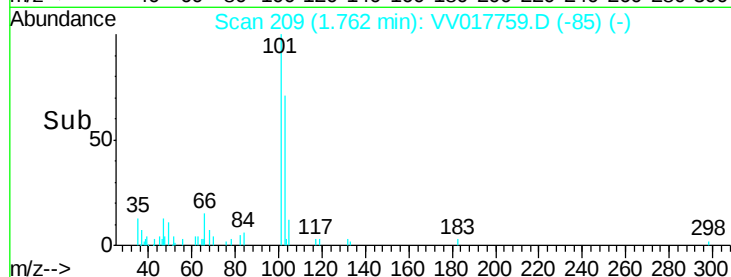
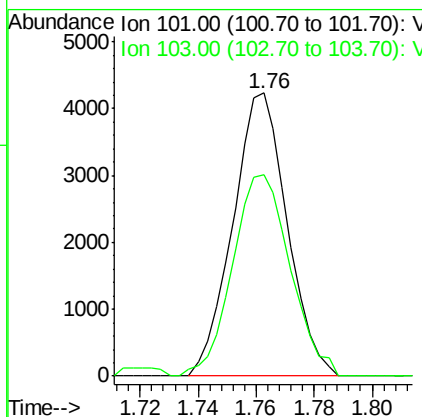
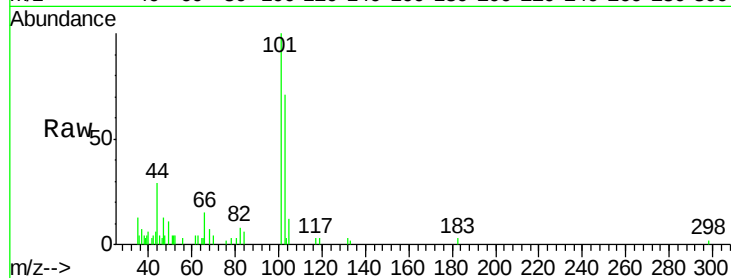
Trichlorofluoromethane
 Concen: 1.253 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VV017759.D
 Acq: 30 Jul 2020 20:39

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	75.5	51.6	77.4

Manual Integrations
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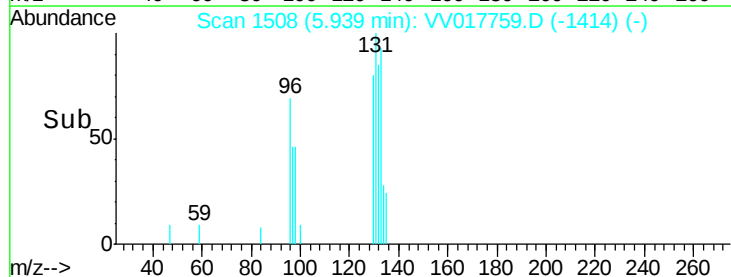
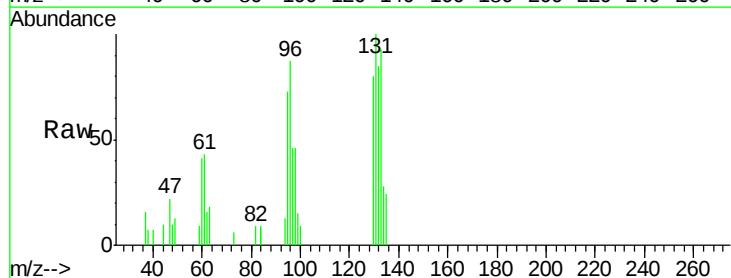
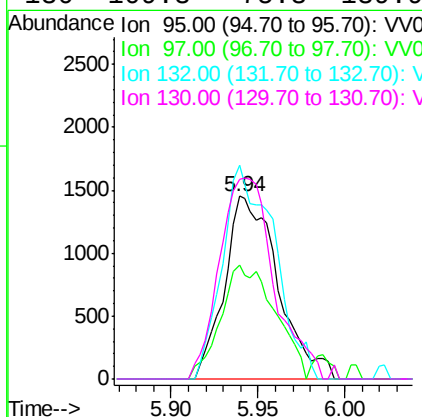
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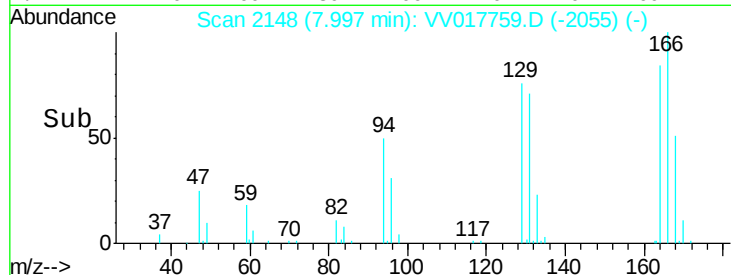
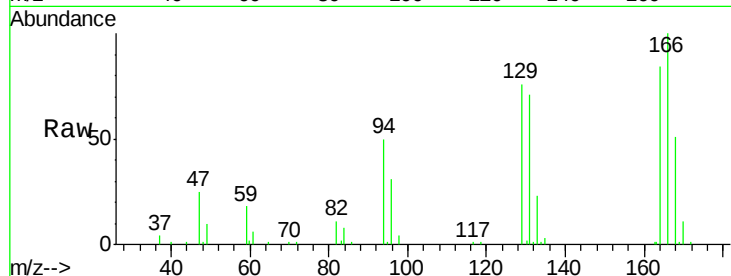
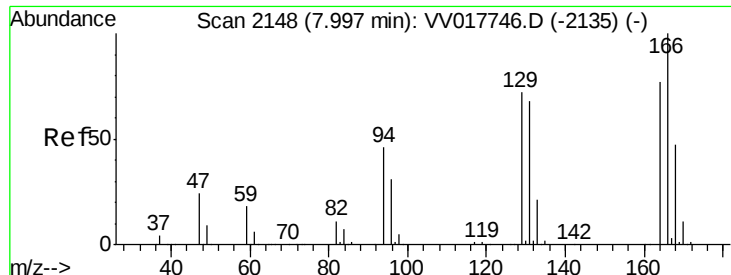


#34

Trichloroethene
 Concen: 1.356 ug/L m
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017759.D
 Acq: 30 Jul 2020 20:39

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.3	84.1
132	117.0	71.4	132.6
130	109.3	75.3	139.9





#46

Tetrachloroethene

Concen: 13.259 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017759.D

Acq: 30 Jul 2020 20:39

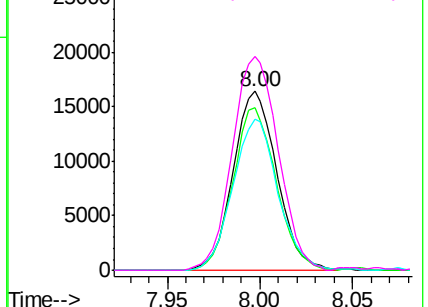
Tot Ion:	164	Resp:	26957
Ion Ratio	Lower	Upper	
164	100		
129	91.1	63.9	118.7
131	84.3	62.6	116.3
166	119.4	88.3	164.1

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



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