

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017995.D
 Acq On : 14 Aug 2020 14:17
 Operator : SY/MD
 Sample : L3665-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M06

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 2:18:45 PM

Quant Time: Aug 17 02:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114505	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94229	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.50%
7) Chloroethane-d5	1.58	69	79959	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.12	63	138419	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	3.91	46	118417	95.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.46%
24) Chloroform-d	4.38	84	164547	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
26) 1,2-Dichloroethane-d4	5.06	65	115424	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.08	84	341764	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
36) 1,2-Dichloropropane-d6	6.10	67	111039	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.34	98	300950	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%
43) trans-1,3-Dichloropropene-	7.64	79	48235	48.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.74%
47) 2-Hexanone-d5	8.11	63	60820	86.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133887	46.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	119262	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	11607	5.263	ug/L 83
17) trans-1,2-Dichloroethene	2.78	96	2408	1.407	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	326737	173.716	ug/L 99
25) Chloroform	4.41	83	8358m	2.381	ug/L
34) Trichloroethene	5.94	95	153853	77.094	ug/L 99
46) Tetrachloroethene	8.00	164	49170	33.595	ug/L 99

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

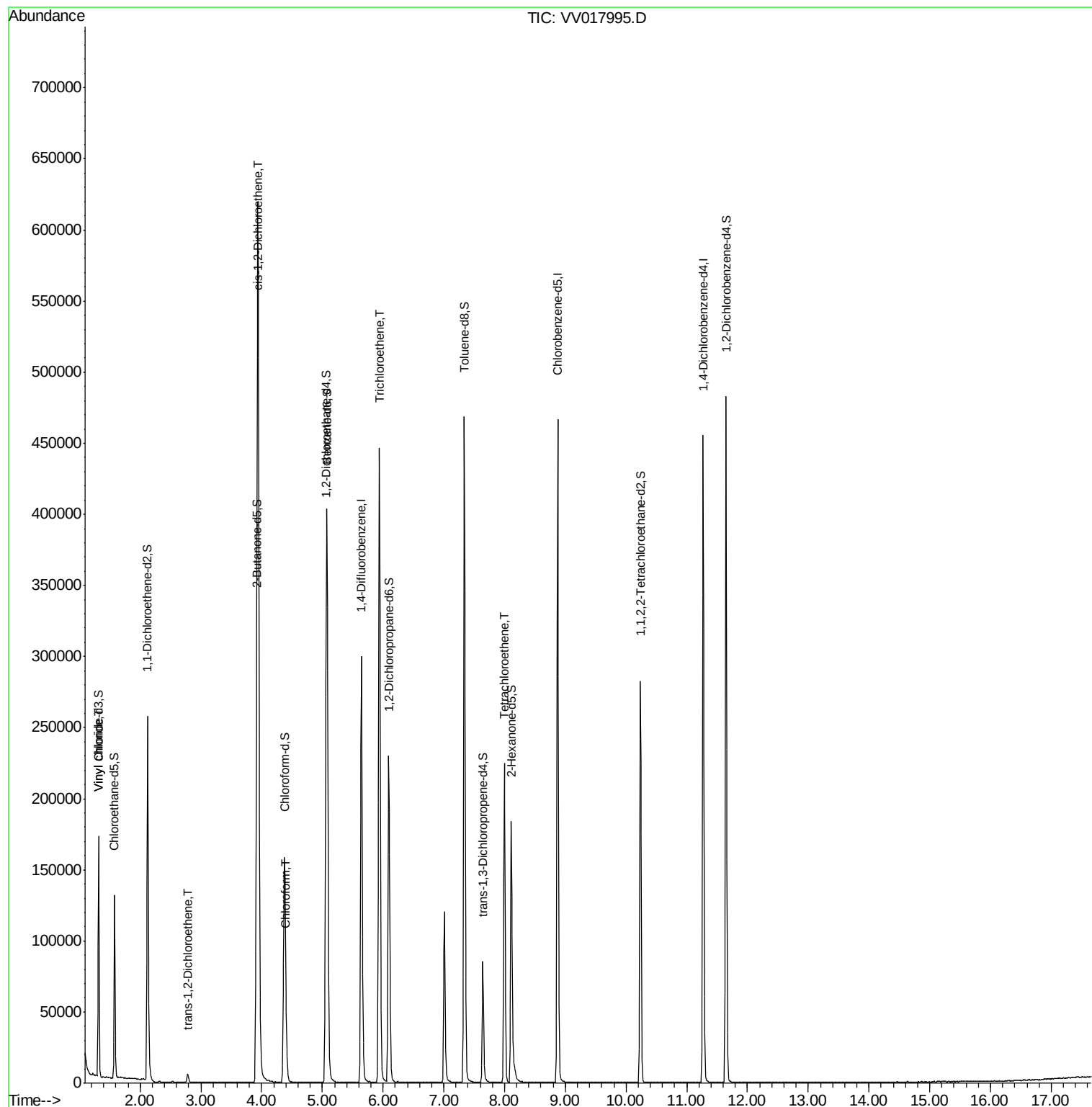
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081420\
Data File : VV017995.D
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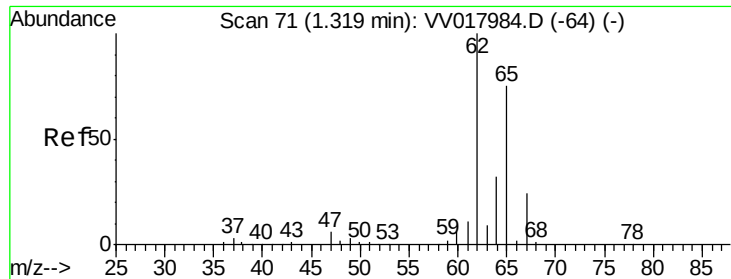
Instrument :
MSVOA_V
ClientSampleId :
F4M06

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Quant Time: Aug 17 02:55:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.263 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017995.D

Acq: 14 Aug 2020 14:17

Instrument :

MSVOA_V

ClientSampled :

F4M06

Tot Ion: 62 Resp: 11607

Ion Ratio Lower Upper

62 100

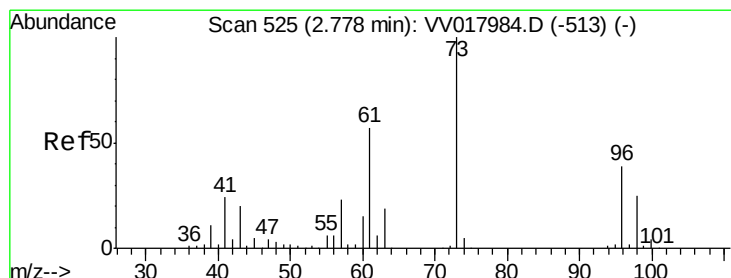
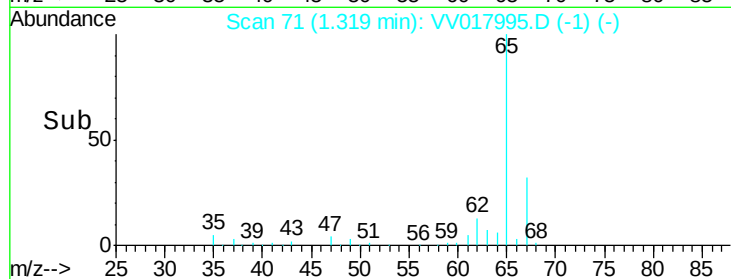
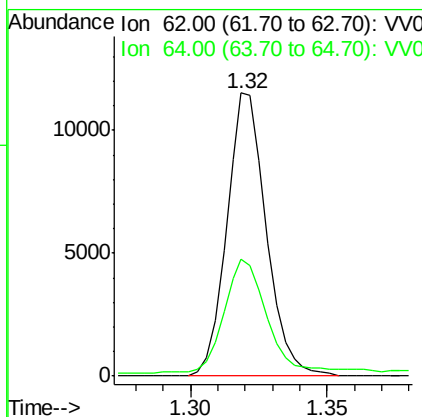
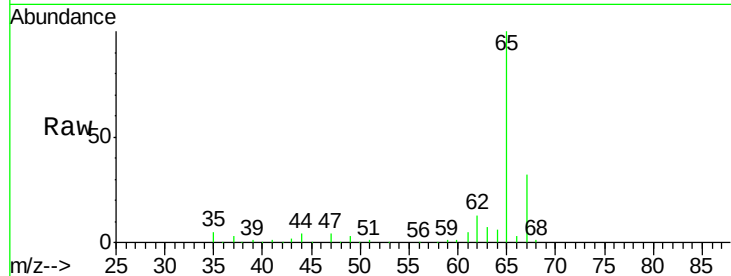
64 41.5 22.4 41.6

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 1.407 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017995.D

Acq: 14 Aug 2020 14:17

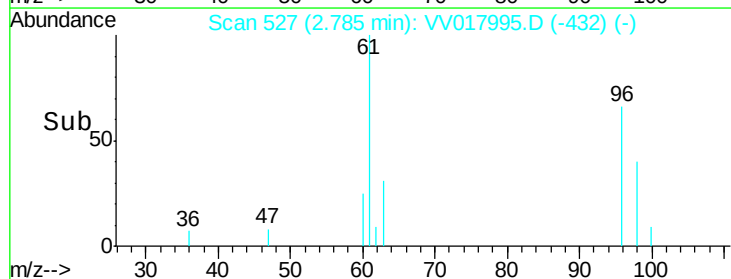
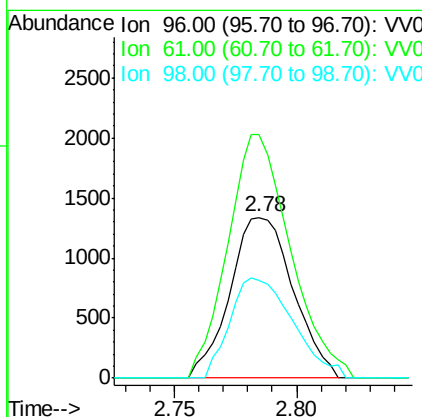
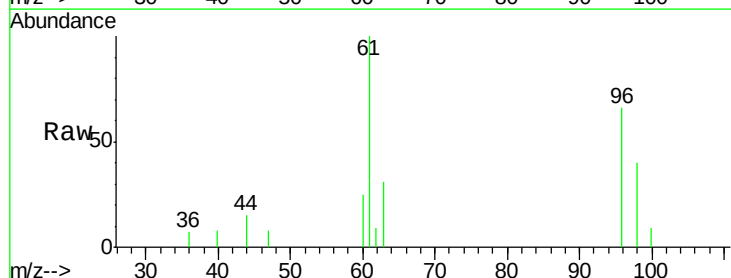
Tgt Ion: 96 Resp: 2408

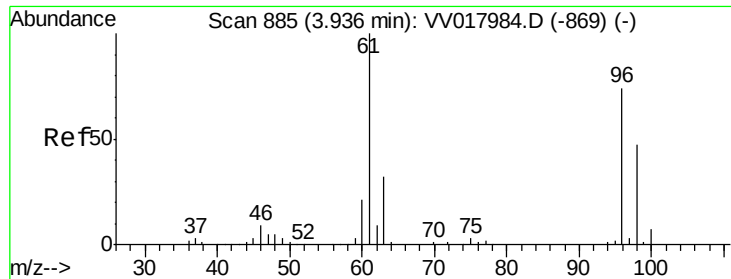
Ion Ratio Lower Upper

96 100

61 151.5 102.4 190.2

98 61.2 44.4 82.5





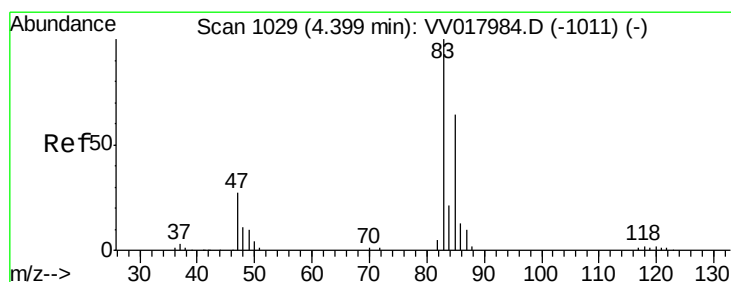
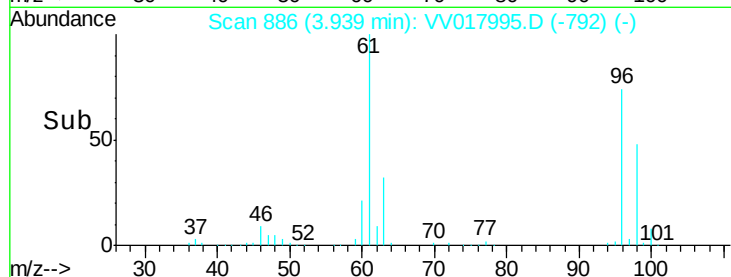
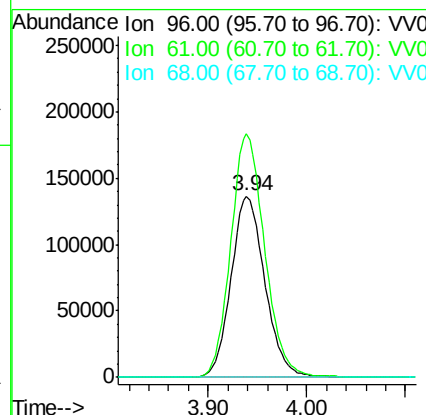
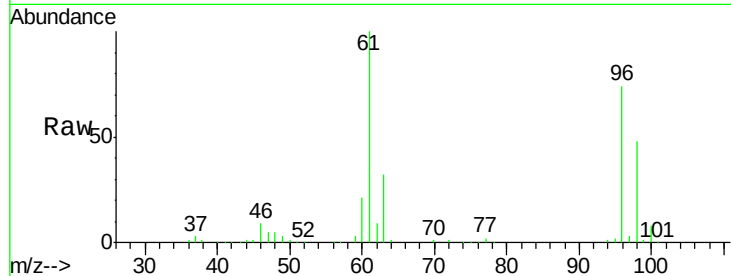
#20
 cis-1,2-Dichloroethene
 Concen: 173.716 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017995.D
 Acq: 14 Aug 2020 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	134.5		95.0	176.4	
68	0.0		0.0	0.0	

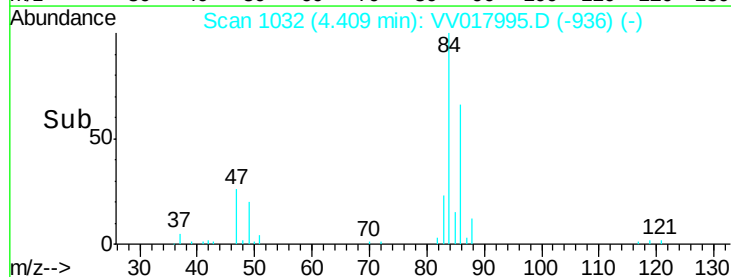
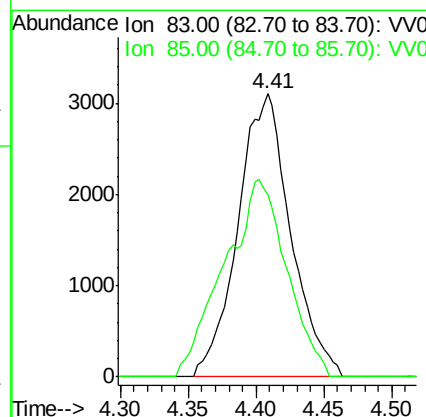
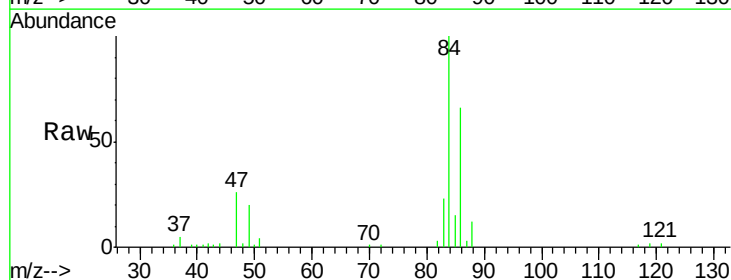
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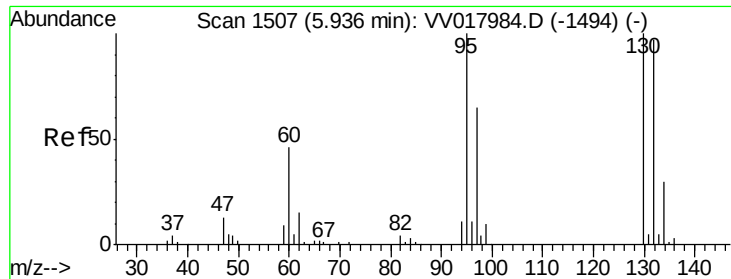
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#25
 Chloroform
 Concen: 2.381 ug/L m
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV017995.D
 Acq: 14 Aug 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	64.5		45.5	84.5	





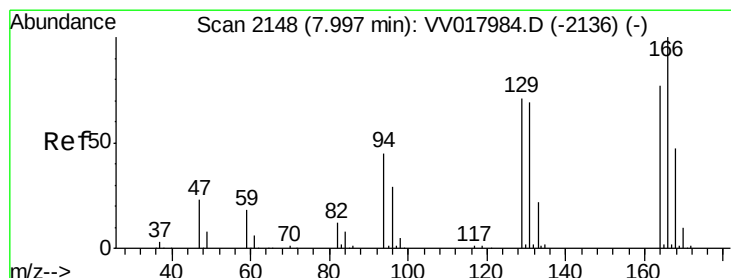
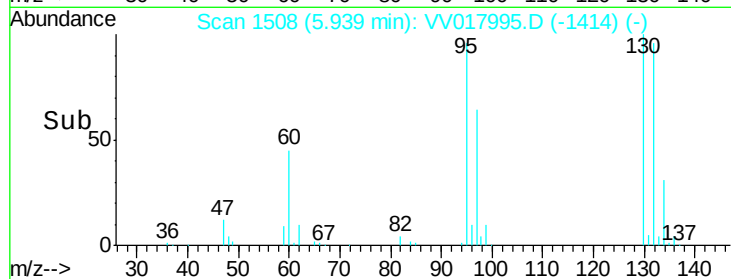
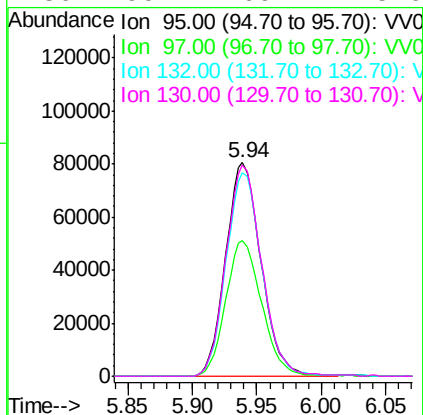
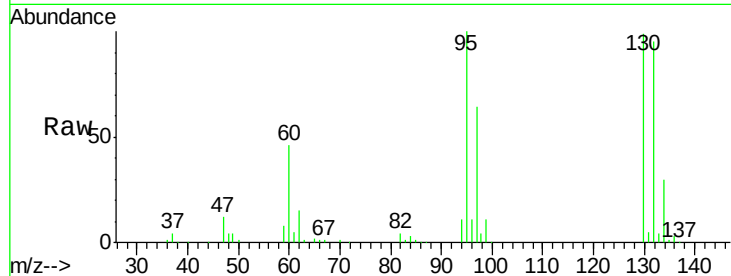
#34
 Trichloroethene
 Concen: 77.094 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017995.D
 Acq: 14 Aug 2020 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		153853		
97	63.7	46.0	85.4		
132	95.4	65.8	122.2		
130	99.1	69.2	128.6		

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 33.595 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017995.D
 Acq: 14 Aug 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		49170		
129	93.8	64.8	120.3		
131	91.9	64.5	119.9		
166	126.1	88.9	165.1		

