

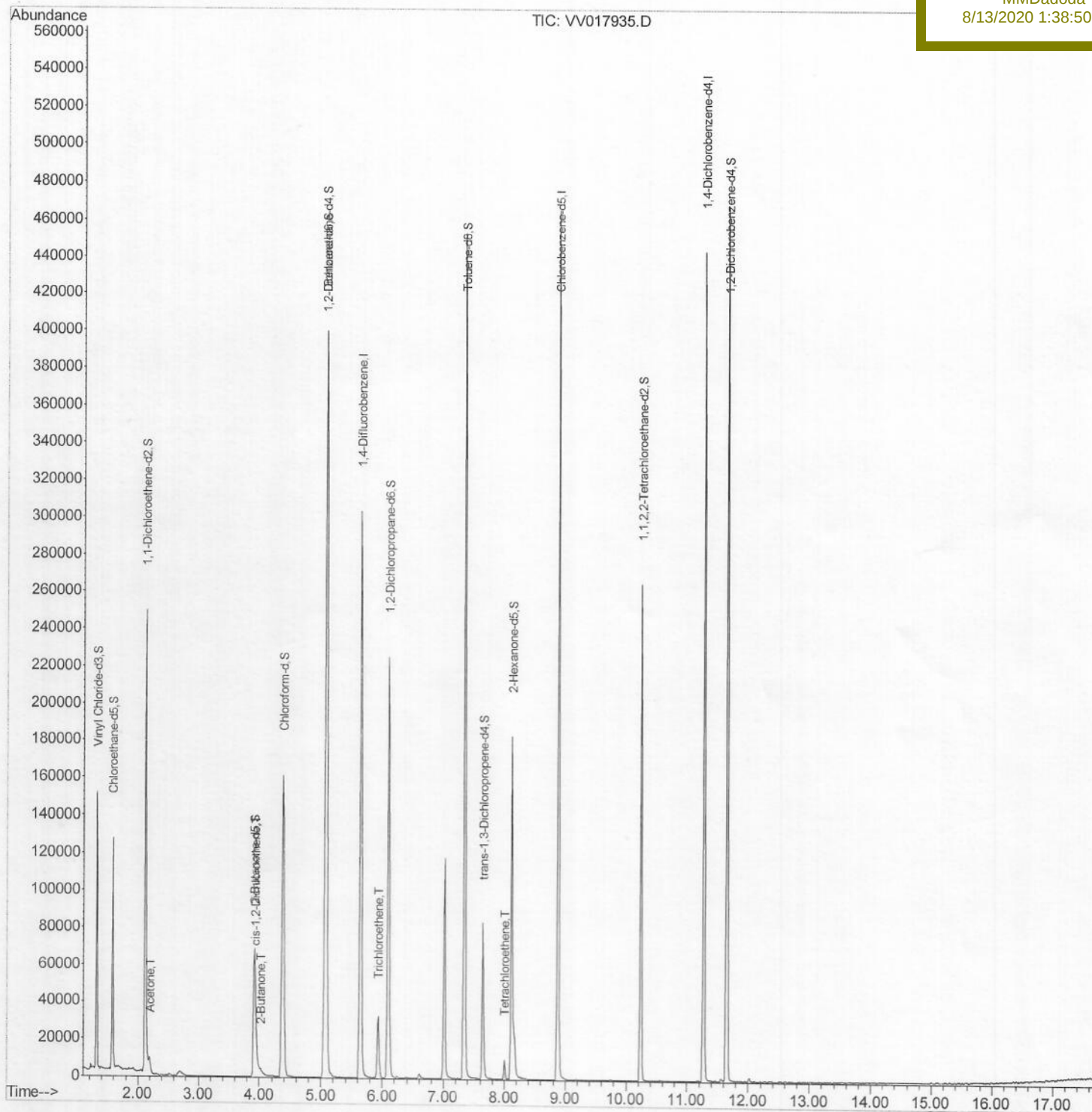
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017935.D
Acq On : 12 Aug 2020 18:21
Operator : SY/MD
Sample : L3665-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 05:40:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F4L27

Manual Integrations
APPROVED

MMDadoda
8/13/2020 1:38:50 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\

Data File : VV017935.D

Acq On : 12 Aug 2020 18:21

Operator : SY/MD

Sample : L3665-04

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 04:39:30 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Aug 13 04:34:59 2020

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampled :

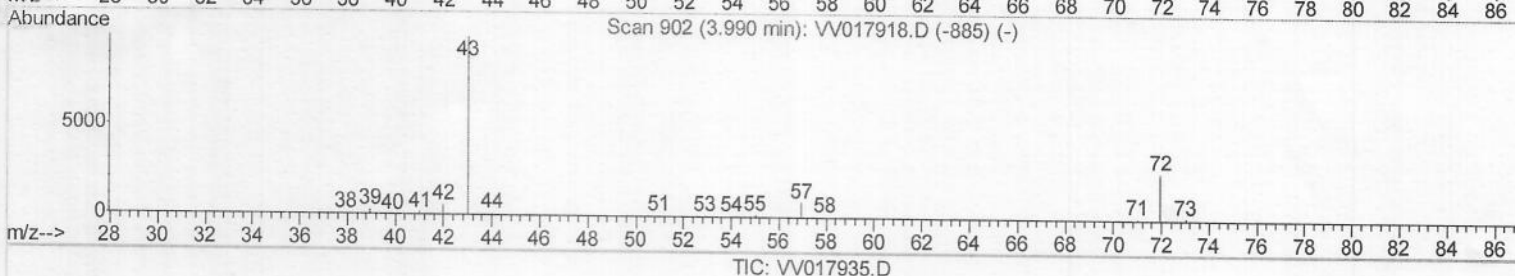
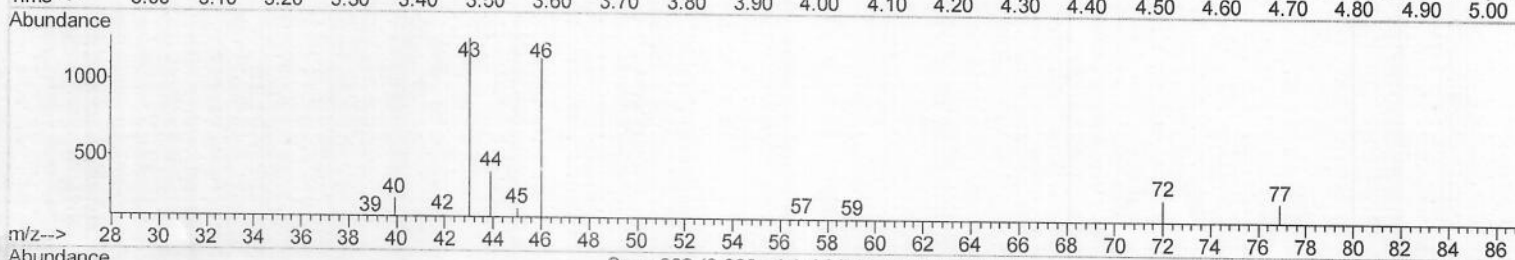
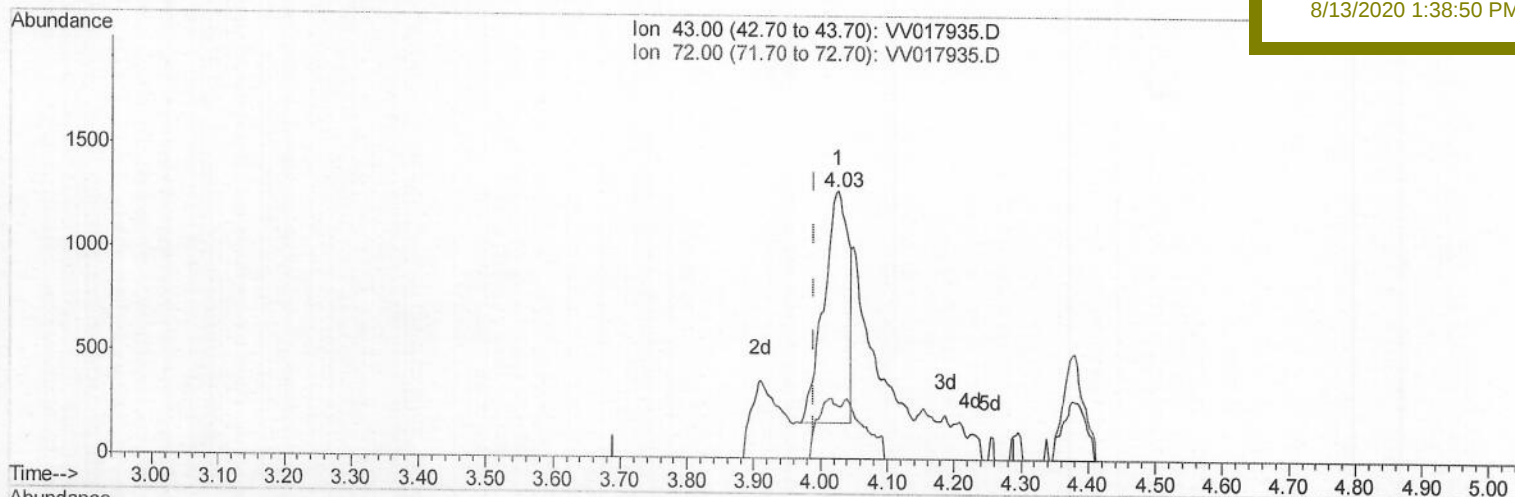
F4L27

Manual Integrations

APPROVED

MMDadoda

8/13/2020 1:38:50 PM



(22) 2-Butanone (T)

4.026min (+0.035) 1.95ug/L

response 2855

Ion	Exp%	Act%
43.00	100	100
72.00	25.30	21.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

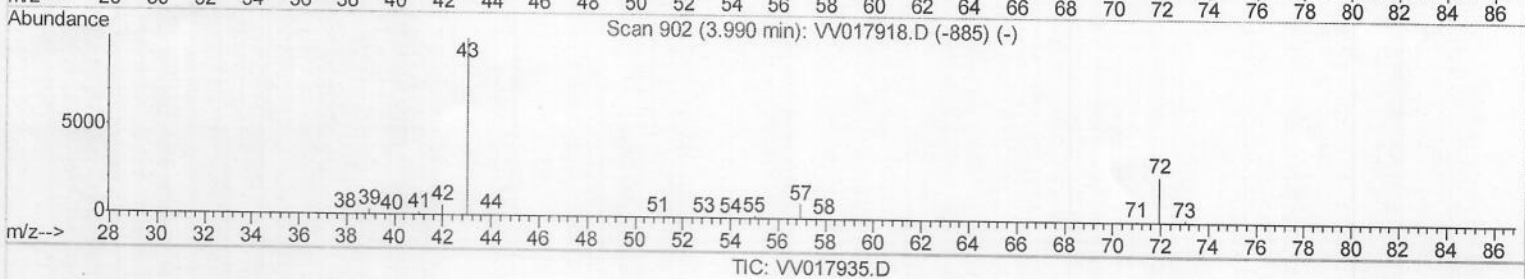
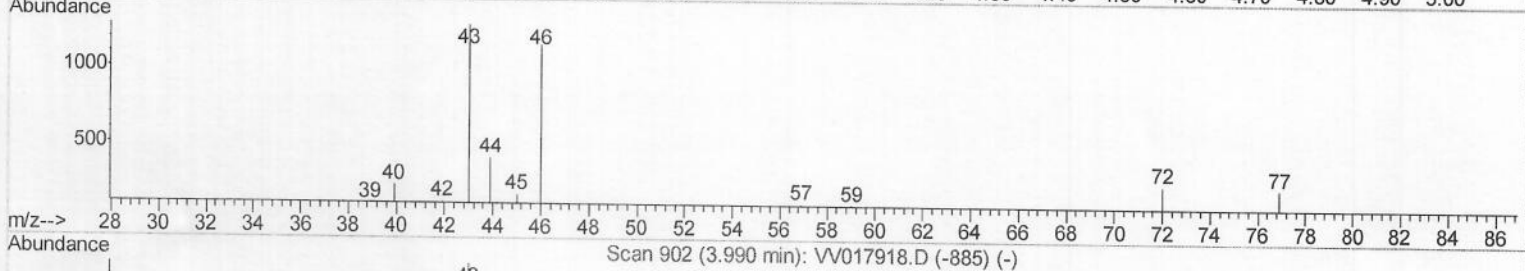
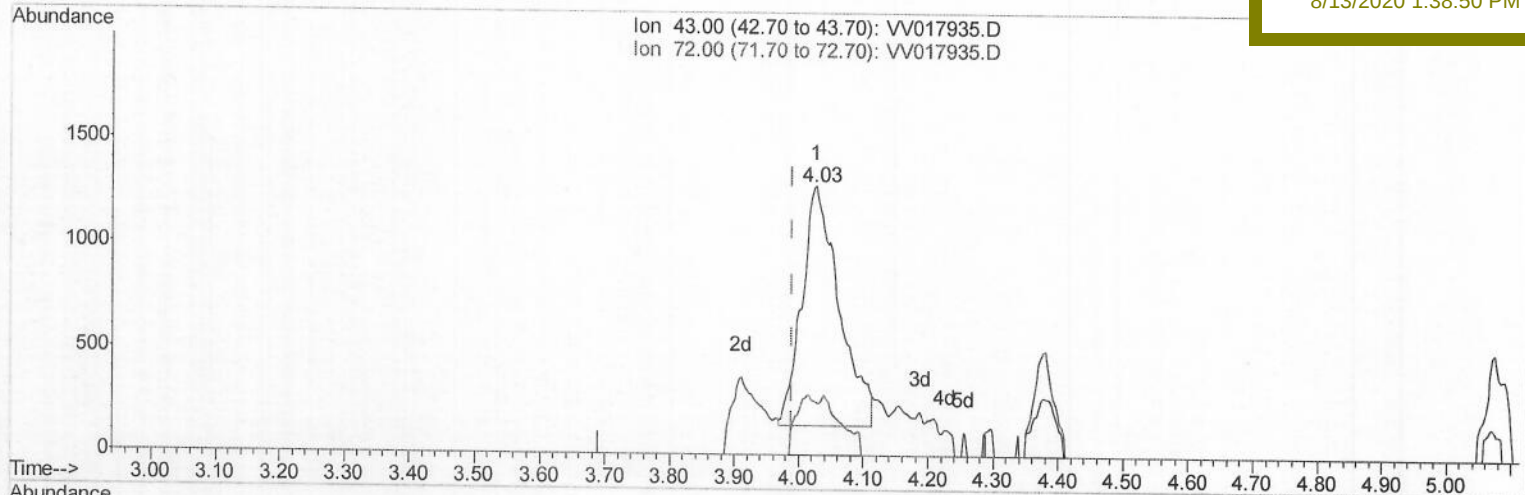
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017935.D
 Acq On : 12 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3665-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L27

Quant Time: Aug 13 04:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:38:50 PM



(22) 2-Butanone (T)

4.026min (+0.035) 3.14ug/L m ->

response 4605

Ion	Exp%	Act%
43.00	100	100
72.00	25.30	13.53
0.00	0.00	0.00
0.00	0.00	0.00

MD
 08/13/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\

Data File : VV017935.D

Acq On : 12 Aug 2020 18:21

Operator : SY/MD

Sample : L3665-04

Misc : 5.0mL/MSVOA V/WATER

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 04:39:30 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Aug 13 04:34:59 2020

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

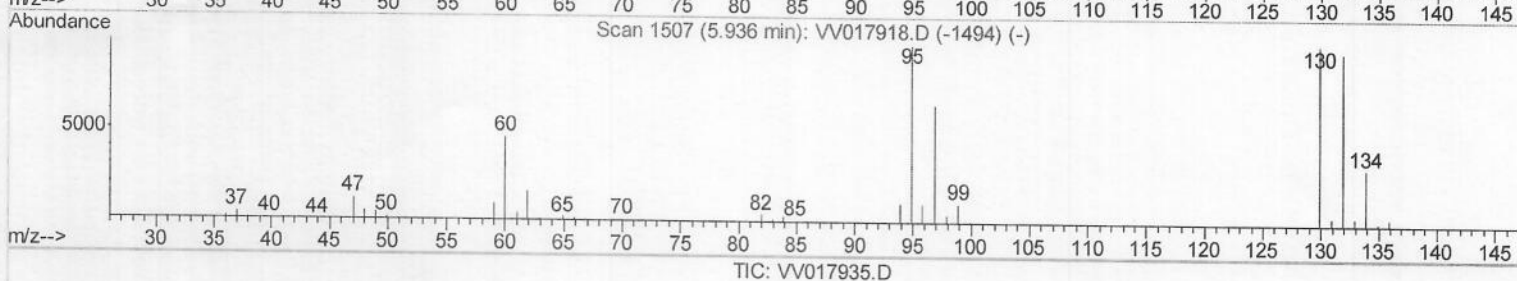
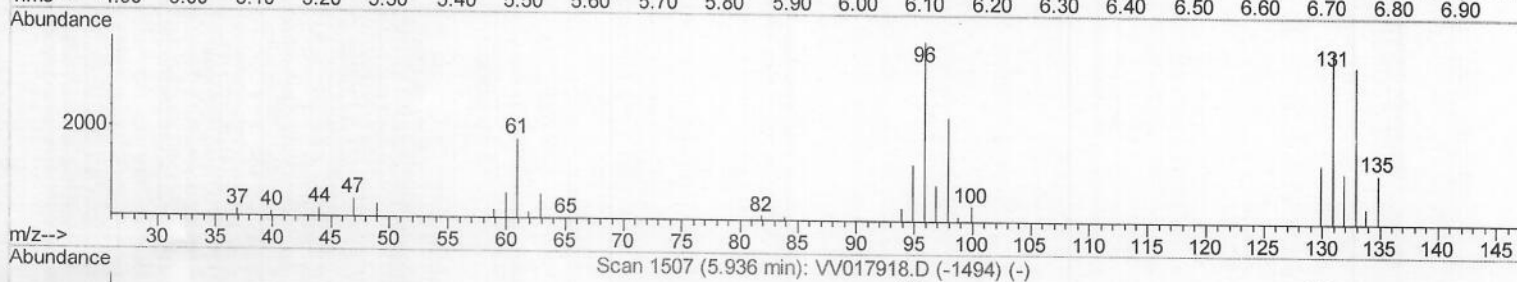
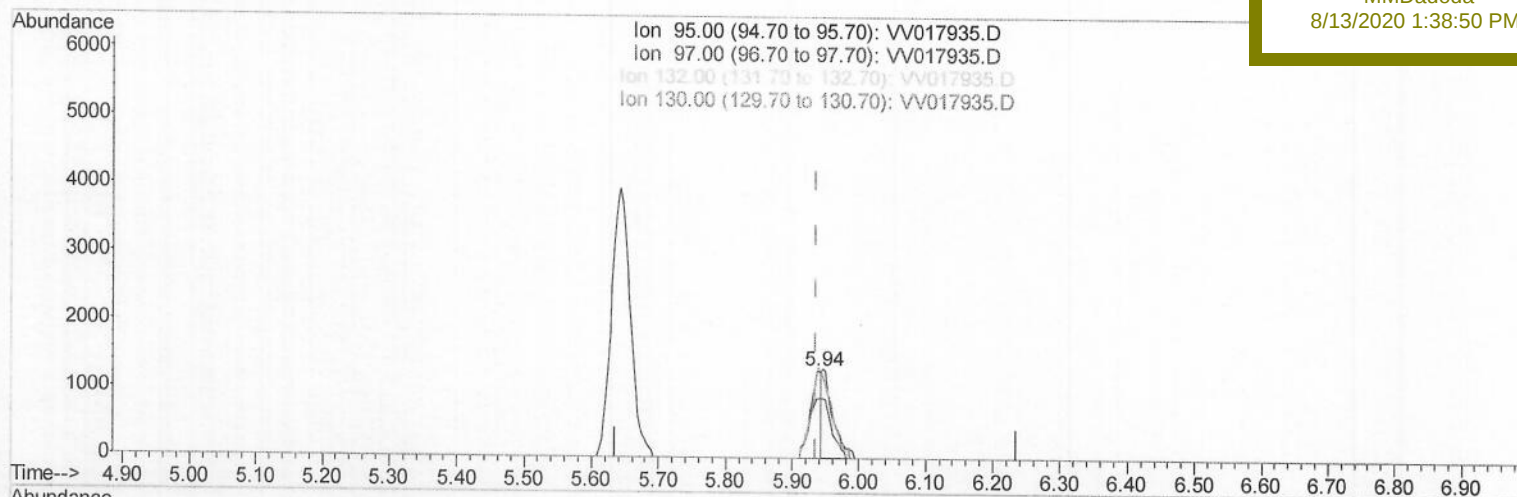
F4L27

Manual Integrations

APPROVED

MMDadoda

8/13/2020 1:38:50 PM



(34) Trichloroethene (T)

5.939min (+0.003) 0.72ug/L

response 1432

Ion	Exp%	Act%
95.00	100	100
97.00	65.70	67.44
132.00	94.00	90.90
130.00	98.90	104.01

Quantitation Report (Qedit)

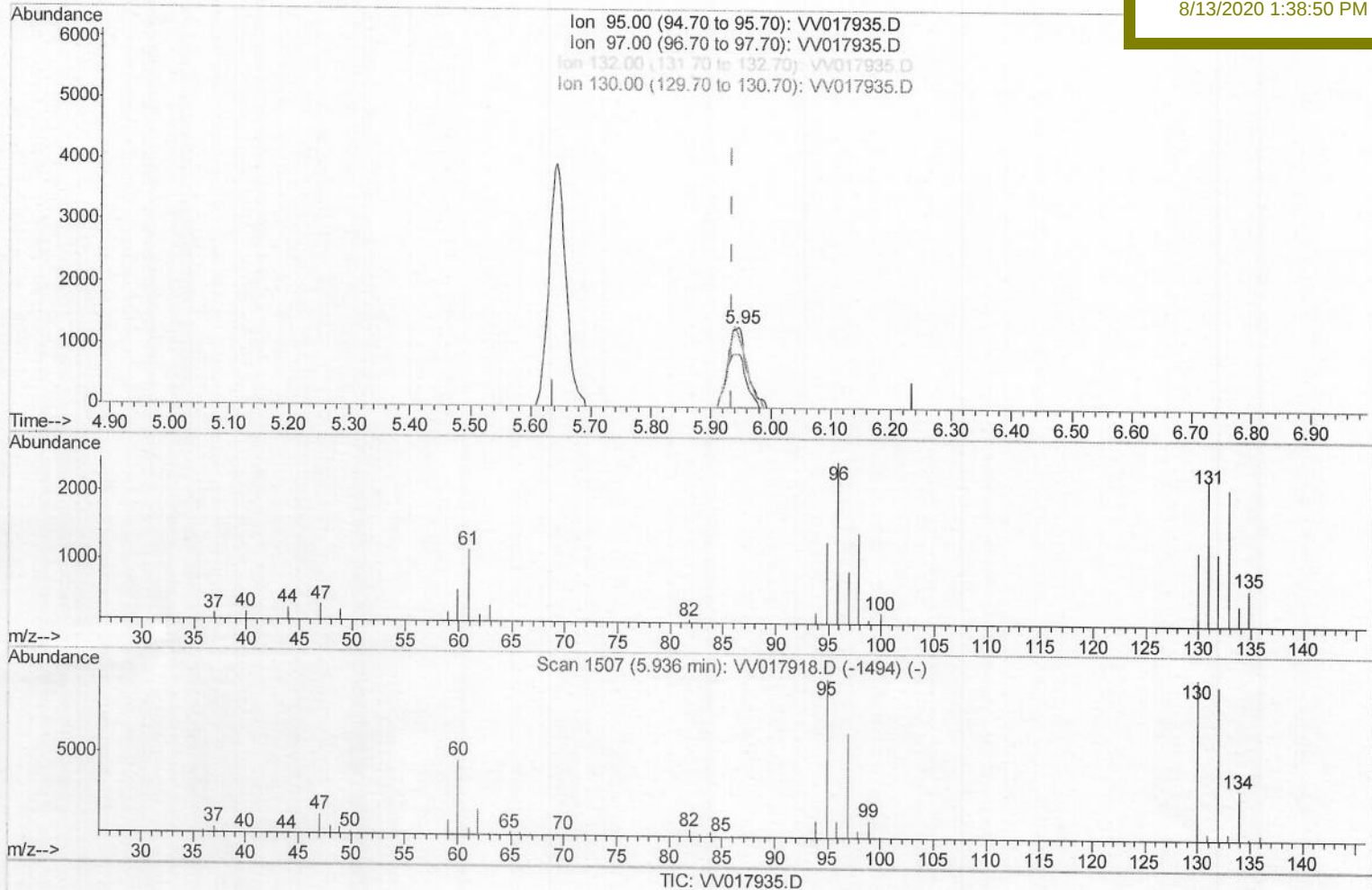
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017935.D
 Acq On : 12 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3665-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 04:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L27

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:38:50 PM



(34) Trichloroethene (T)

5.945min (+0.010) 1.48ug/L m ->

response 2952

Ion	Exp%	Act%
95.00	100	100
97.00	65.70	67.07
132.00	94.00	89.86
130.00	98.90	90.84

MD
08/13/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017935.D
 Acq On : 12 Aug 2020 18:21
 Operator : SY/MD
 Sample : L3665-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L27

Quant Time: Aug 13 05:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:38:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252977	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89652	46.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.90%		
7) Chloroethane-d5	1.58	69	76542	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.94%		
11) 1,1-Dichloroethene-d2	2.12	63	132746	35.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.90%		
21) 2-Butanone-d5	3.91	46	125386	99.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.18%		
24) Chloroform-d	4.38	84	167384	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.28%		
26) 1,2-Dichloroethane-d4	5.06	65	115676	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.38%		
32) Benzene-d6	5.08	84	334646	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.36%		
36) 1,2-Dichloropropane-d6	6.09	67	110478	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.34%		
41) Toluene-d8	7.34	98	291548	48.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.26%		
43) trans-1,3-Dichloropropene-	7.64	79	47638	47.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.40%		
47) 2-Hexanone-d5	8.11	63	58766	83.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.16%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125078	43.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.24%		
64) 1,2-Dichlorobenzene-d4	11.65	152	115004	53.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.88%		

Target Compounds

					Ovalue
13) Acetone	2.19	43	10310	7.896 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	2538	1.324 ug/L	92
22) 2-Butanone	4.03	43	4605m-2	3.144 ug/L	
34) Trichloroethene	5.95	95	2952m-2	1.477 ug/L	
46) Tetrachloroethene	8.00	164	2400	1.637 ug/L	91

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

MD
 08/13/20