

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017210.D
 Acq On : 27 Jun 2020 03:30
 Operator : SY/MD
 Sample : L3132-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y28

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 1:57:30 PM

Quant Time: Jun 27 05:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96430	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.28%
7) Chloroethane-d5	1.58	69	61426	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.18%
11) 1,1-Dichloroethene-d2	2.12	63	151374	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	3.90	46	156709	87.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.05%
24) Chloroform-d	4.38	84	224983m	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
26) 1,2-Dichloroethane-d4	5.06	65	163752	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.08	84	421622	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
36) 1,2-Dichloropropane-d6	6.09	67	127074	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.94%
41) Toluene-d8	7.34	98	381497	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.64	79	63312	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
47) 2-Hexanone-d5	8.11	63	101439	77.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168247	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	155892	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.76	101	28466	7.740	ug/L 100
13) Acetone	2.19	43	2309	1.947	ug/L 80
34) Trichloroethene	5.94	95	10097	3.821	ug/L 88
46) Tetrachloroethene	8.00	164	67671	32.562	ug/L 97

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

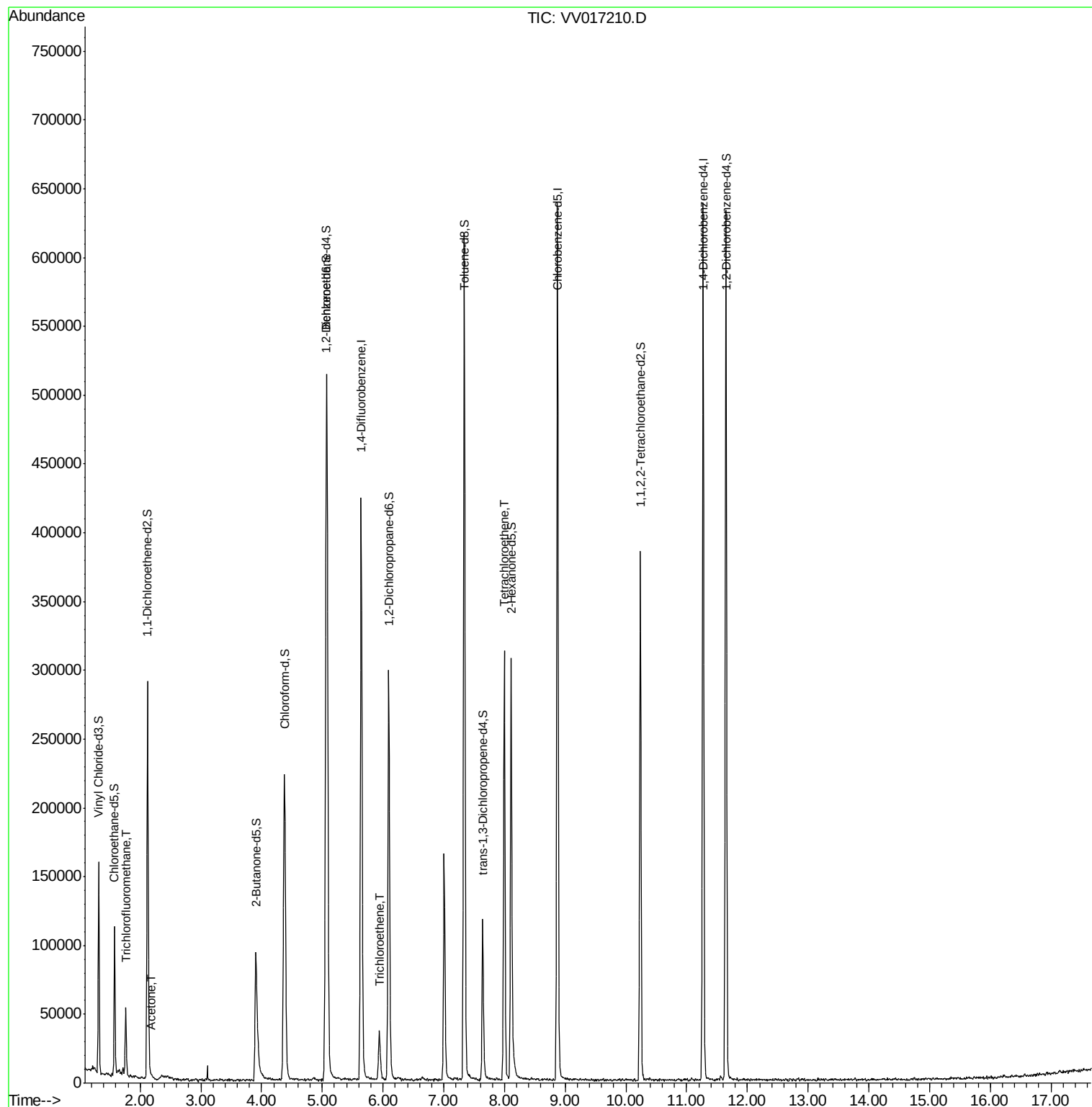
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062620\
Data File : VV017210.D
Acq On : 27 Jun 2020 03:30
Operator : SY/MD
Sample : L3132-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

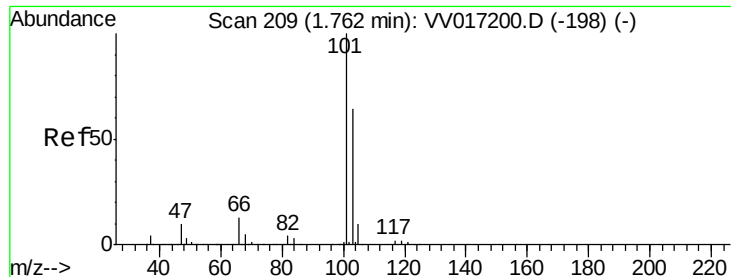
Instrument :
MSVOA_V
ClientSampleId :
C0Y28

Manual Integrations
APPROVED

MMDadoda
6/30/2020 1:57:30 PM

Quant Time: Jun 27 05:12:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 27 03:31:05 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.740 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017210.D

Acq: 27 Jun 2020 03:30

Instrument :

MSVOA_V

ClientSampled :

C0Y28

Tot Ion:101 Resp: 28466

Ion Ratio Lower Upper

101 100

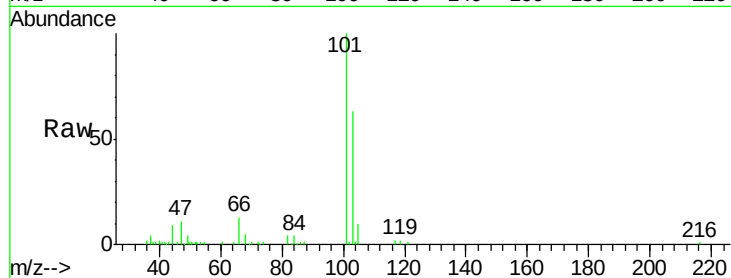
103 64.1 51.3 76.9

Manual Integrations

APPROVED

MMDadoda

6/30/2020 1:57:30 PM



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

25000

20000

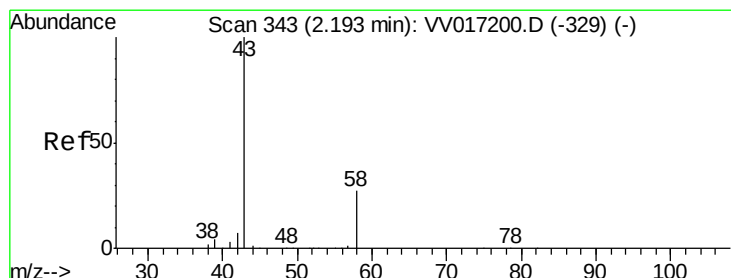
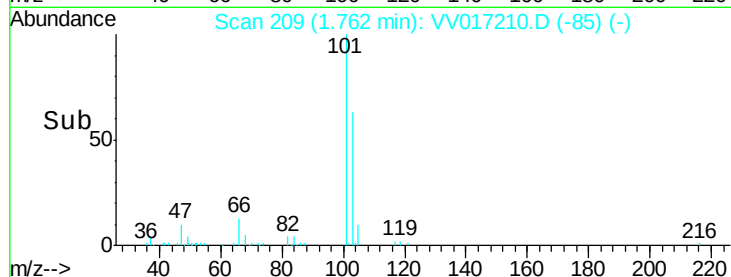
15000

10000

5000

0

Time--> 1.70 1.75 1.80



#13

Acetone

Concen: 1.947 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017210.D

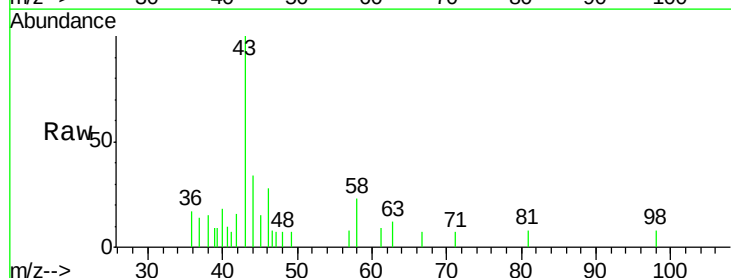
Acq: 27 Jun 2020 03:30

Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 16.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

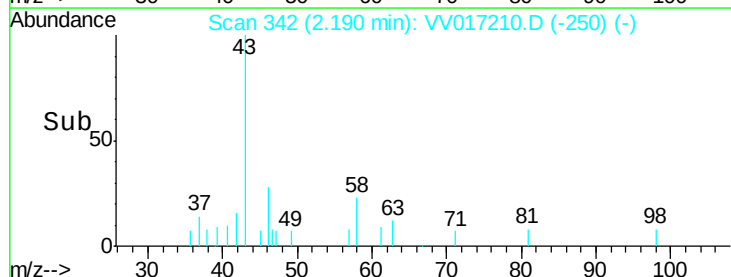
1500

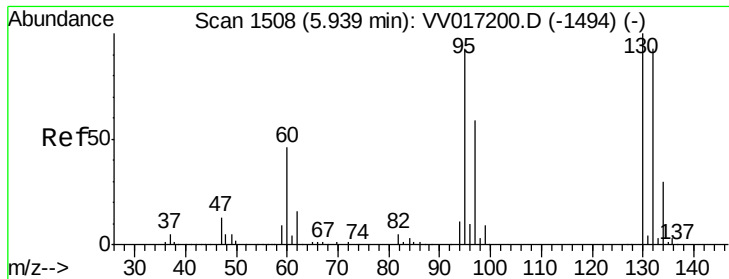
1000

500

0

Time--> 2.15 2.20





#34

Trichloroethene

Concen: 3.821 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017210.D

Acq: 27 Jun 2020 03:30

Instrument :

MSVOA_V

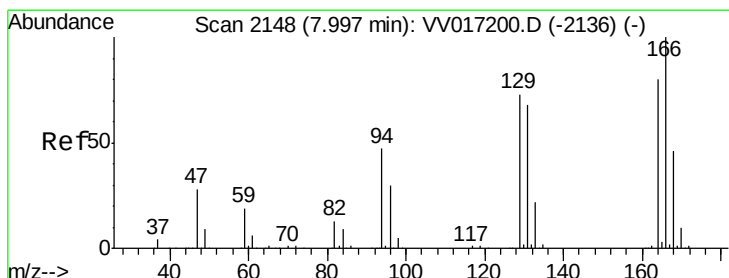
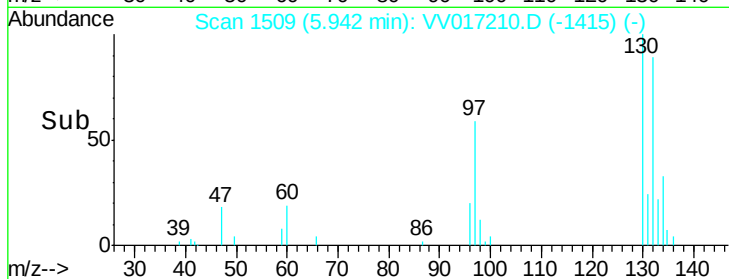
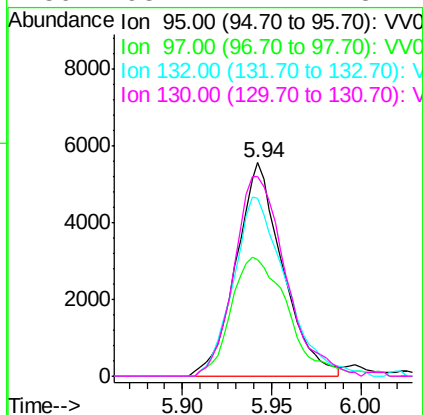
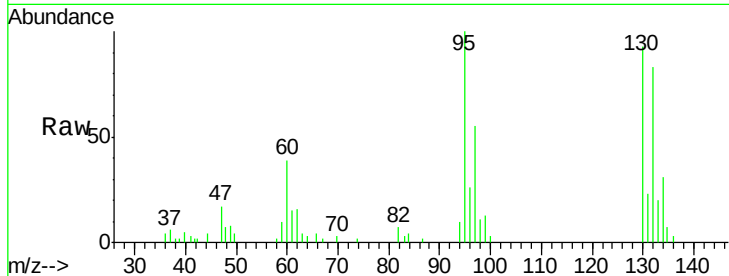
ClientSampled :

C0Y28

Tot Ion	95	Resp	10097
Ion	Ratio	Lower	Upper
95	100		
97	54.7	44.3	82.3
132	83.4	67.9	126.1
130	93.4	72.2	134.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 1:57:30 PM



#46

Tetrachloroethene

Concen: 32.562 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017210.D

Acq: 27 Jun 2020 03:30

Tgt Ion	164	Resp	67671
Ion	Ratio	Lower	Upper
164	100		
129	94.0	67.0	124.4
131	89.4	64.8	120.3
166	125.6	90.4	167.8

