

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018704.D
 Acq On : 06 Oct 2020 21:35
 Operator : SY/MD
 Sample : L4287-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:29:08 PM

Quant Time: Oct 07 07:59:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82841	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.74%
7) Chloroethane-d5	1.58	69	71919	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.12	63	130356	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.92	46	130868	95.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.38	84	183666	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
26) 1,2-Dichloroethane-d4	5.06	65	126864	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
32) Benzene-d6	5.07	84	366117	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
36) 1,2-Dichloropropane-d6	6.09	67	94881	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.34	98	278090	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.64	79	46510	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.72%
47) 2-Hexanone-d5	8.11	63	50631	64.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	92598	33.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	113060	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

					Ovalue
13) Acetone	2.22	43	4422m	3.717	ug/L
20) cis-1,2-Dichloroethene	3.94	96	10656	4.459	ug/L
34) Trichloroethene	5.94	95	8897	3.881	ug/L
46) Tetrachloroethene	8.00	164	34880	18.756	ug/L

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

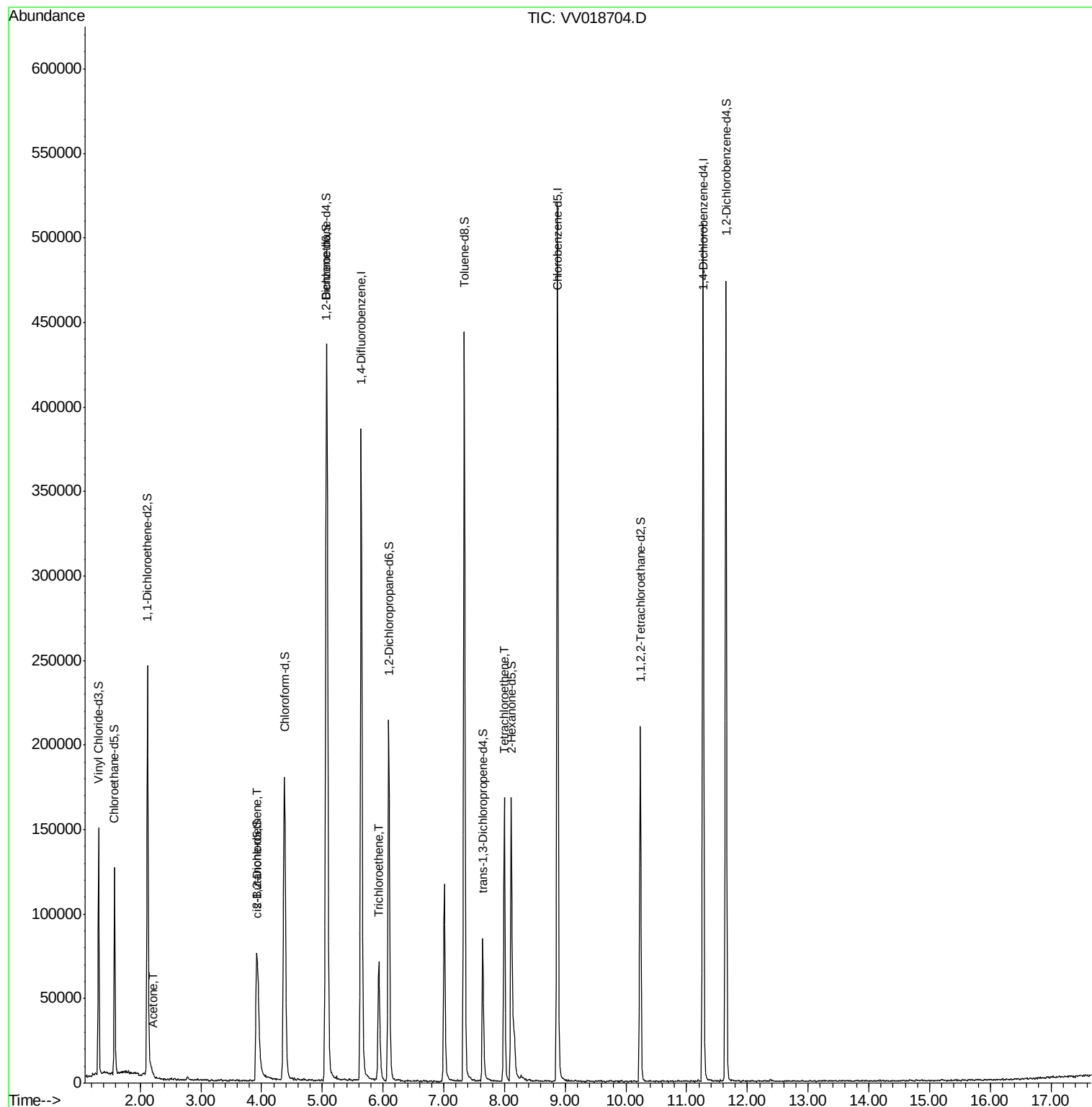
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100720\
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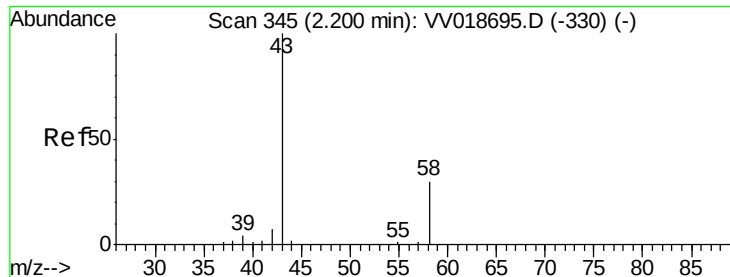
Instrument :
MSVOA_V
ClientSampleId :
C0AK9

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Quant Time: Oct 07 07:59:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.717 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. 0.02 min

Lab File: VV018704.D

Acq: 06 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampled :

C0AK9

Tot Ion: 43 Resp: 4422

Ion Ratio Lower Upper

43 100

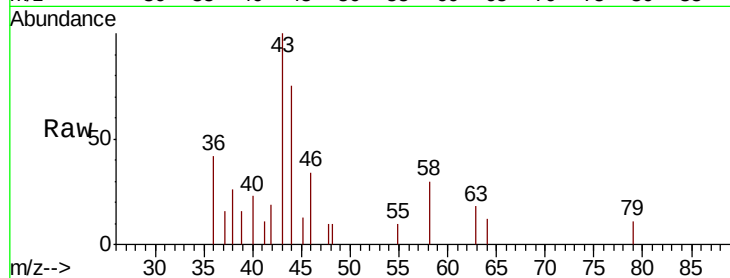
58 0.9 0.0 64.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV018695.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018695.D (-330) (-)

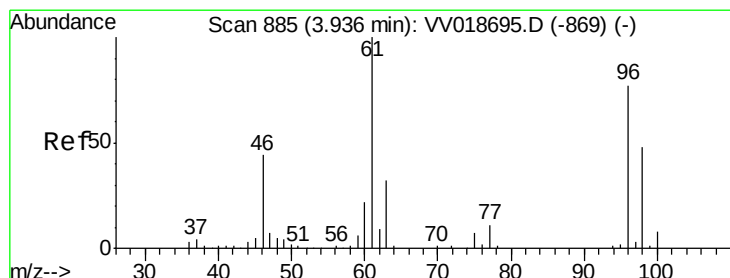
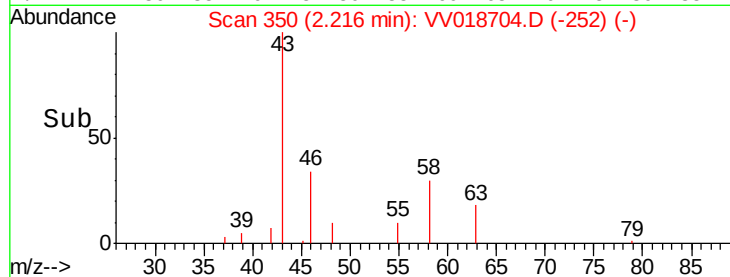
2.22

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 4.459 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018704.D

Acq: 06 Oct 2020 21:35

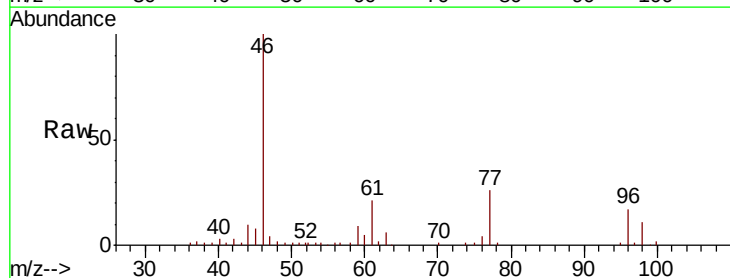
Tgt Ion: 96 Resp: 10656

Ion Ratio Lower Upper

96 100

61 117.8 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018695.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018695.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018695.D (-869) (-)

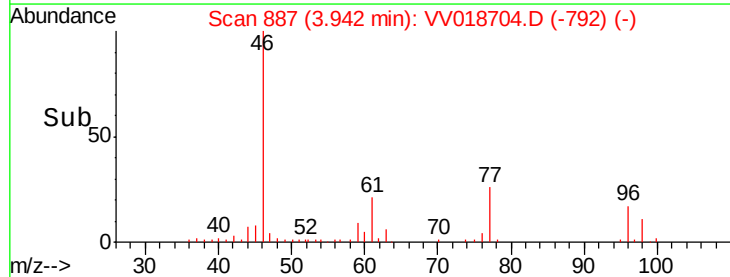
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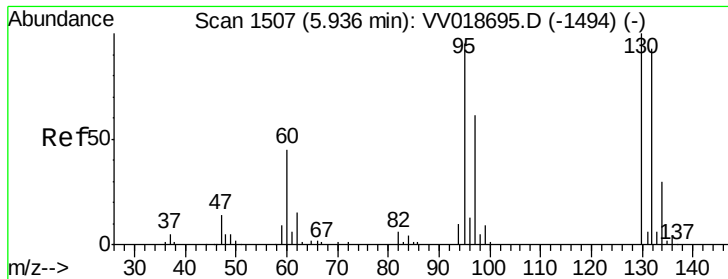
4000

2000

0

Time-->





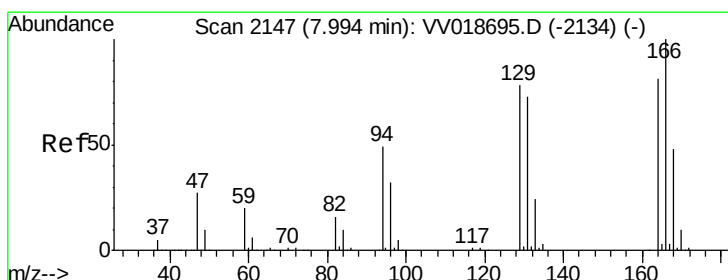
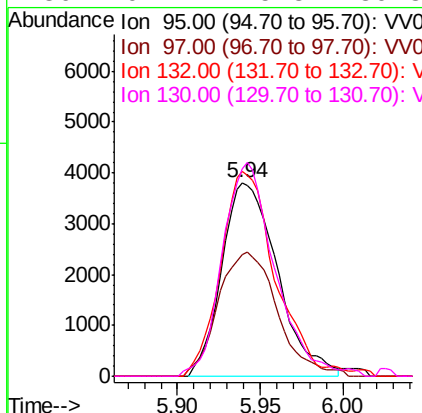
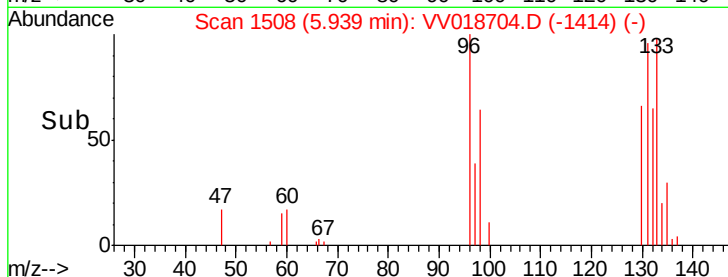
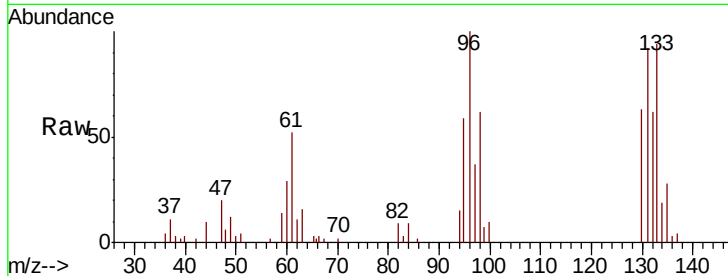
#34
 Trichloroethene
 Concen: 3.881 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018704.D
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Instrument :
 MSVOA_V
 ClientSampled :
 C0AK9

Tot Ion:	95	Resp:	8897
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.9	85.3
132	105.9	70.8	131.4
130	107.2	75.3	139.8

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 18.756 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018704.D
 Acq: 06 Oct 2020 21:35

Tgt Ion:	164	Resp:	34880
Ion	Ratio	Lower	Upper
164	100		
129	98.9	62.8	116.6
131	95.5	60.8	112.8
166	129.0	88.9	165.1

