

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013120.D
 Acq On : 11 Oct 2019 23:57
 Operator : SY/MD
 Sample : K5347-01
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE9

Manual Integrations
 APPROVED

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 10/14/2019 4:13:43 PM

Quant Time: Oct 12 04:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 01:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	703781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	671087	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	265260	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	222074	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.84%
7) Chloroethane-d5	1.58	69	196021	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.50%
11) 1,1-Dichloroethene-d2	2.13	63	317417	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
21) 2-Butanone-d5	3.92	46	361864	108.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	4.40	84	431180	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
26) 1,2-Dichloroethane-d4	5.08	65	284721	53.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.86%
32) Benzene-d6	5.10	84	929076	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
36) 1,2-Dichloropropane-d6	6.12	67	294551	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.36	98	802745	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.66	79	120034	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.13	63	240896	107.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.93%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	383726	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	293127	56.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	24611	4.593 ug/L	97
34) Trichloroethene	5.96	95	50763	9.327 ug/L	97
46) Tetrachloroethene	8.02	164	19651757m	4561.008 ug/L	

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

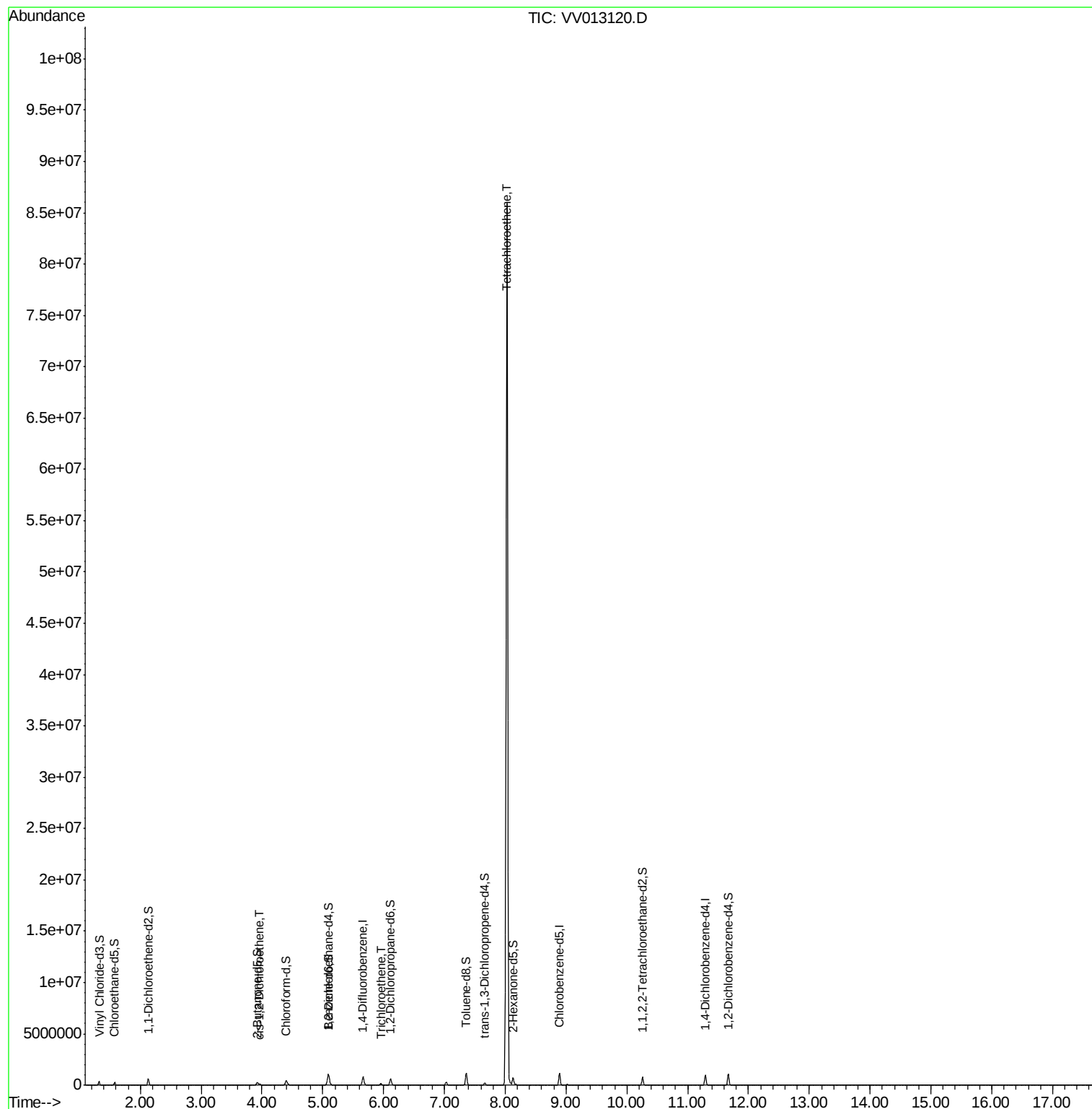
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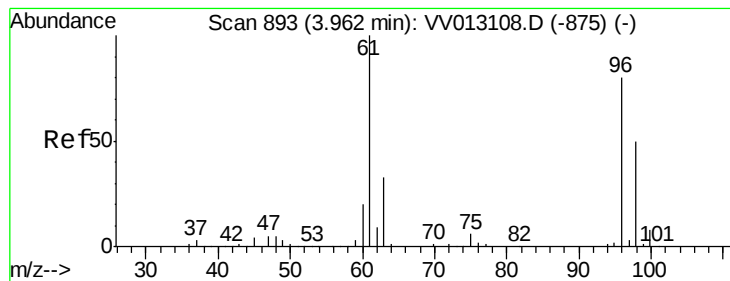
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#20

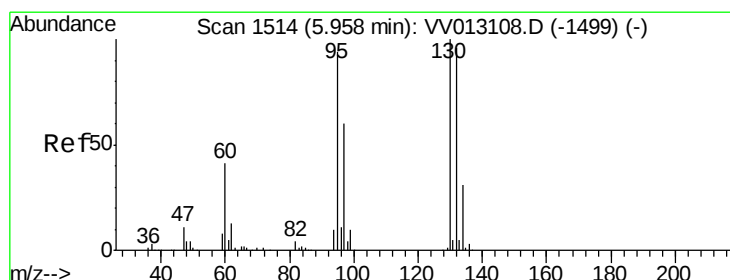
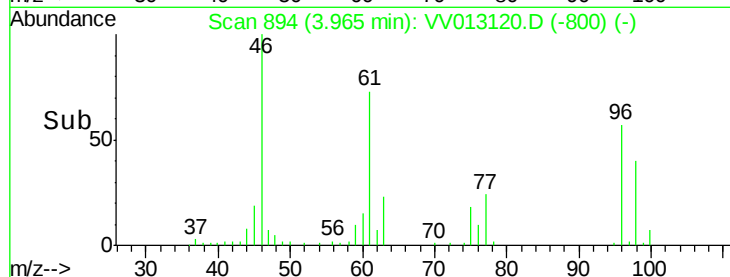
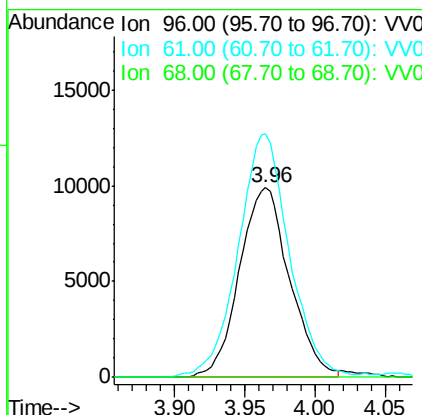
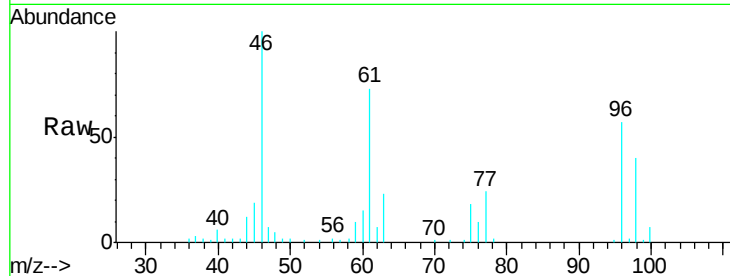
cis-1,2-Dichloroethene
Concen: 4.593 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV013120.D
Acq: 11 Oct 2019 23:57

Instrument :
MSVOA_V
ClientSampleId :
C0AE9

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.4	87.5	162.5
68	0.0	0.0	0.0

Manual Integrations
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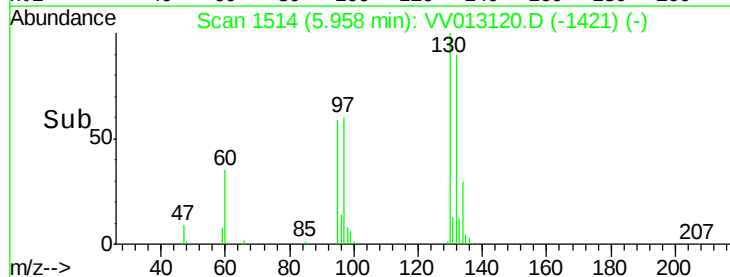
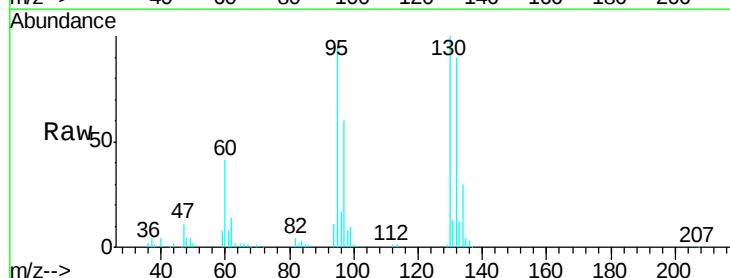
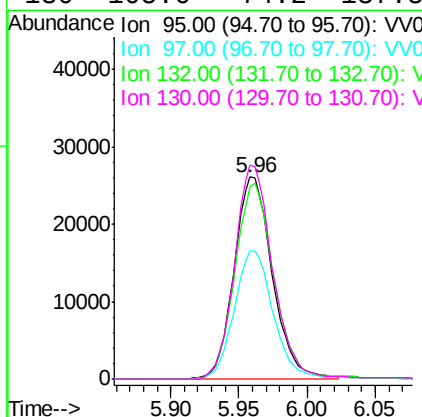
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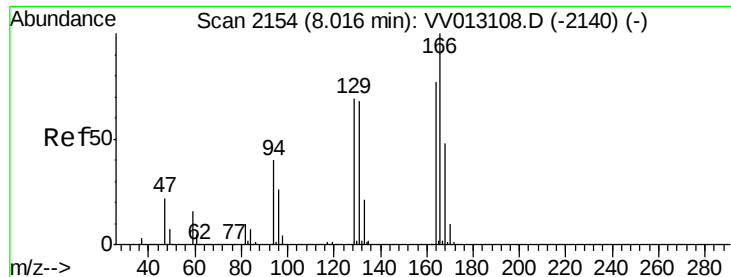


#34

Trichloroethene
Concen: 9.327 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013120.D
Acq: 11 Oct 2019 23:57

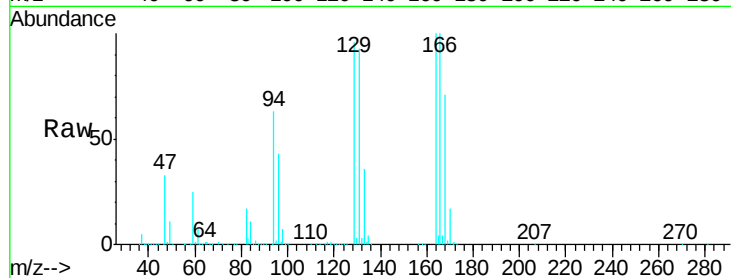
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	82.9
132	95.0	71.4	132.6
130	105.6	74.2	137.8





#46
Tetrachloroethene
Concen: 4561.008 ug/L m
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013120.D
Acq: 11 Oct 2019 23:57

Instrument :
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ClientSampleId :
C0AE9



Tgt Ion:164 Resp:19651757

Ion	Ratio	Lower	Upper
164	100		
129	95.6	63.1	117.1
131	92.7	62.4	116.0
166	100.0	91.3	169.6

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