

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019525.D
 Acq On : 10 Dec 2020 21:28
 Operator : SY/MD
 Sample : L4997-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ7

Manual Integrations
 APPROVED

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 12/14/2020 9:11:41 AM

Quant Time: Dec 11 03:57:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	674724	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	623110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	292195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202207	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.58%
7) Chloroethane-d5	1.57	69	171280	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.11	63	311125m	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	3.89	46	264673	100.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.35	84	407430	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.04	65	283697	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.05	84	808459	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
36) 1,2-Dichloropropane-d6	6.07	67	257057	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.32	98	722924	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	7.62	79	140104	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.64%
47) 2-Hexanone-d5	8.09	63	202480	99.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	339720	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.63	152	266500	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.92	96	16361	3.378 ug/L #	99
30) 1,1,1-Trichloroethane	4.61	97	17141	2.194 ug/L	98
34) Trichloroethene	5.92	95	271288	56.394 ug/L	99

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

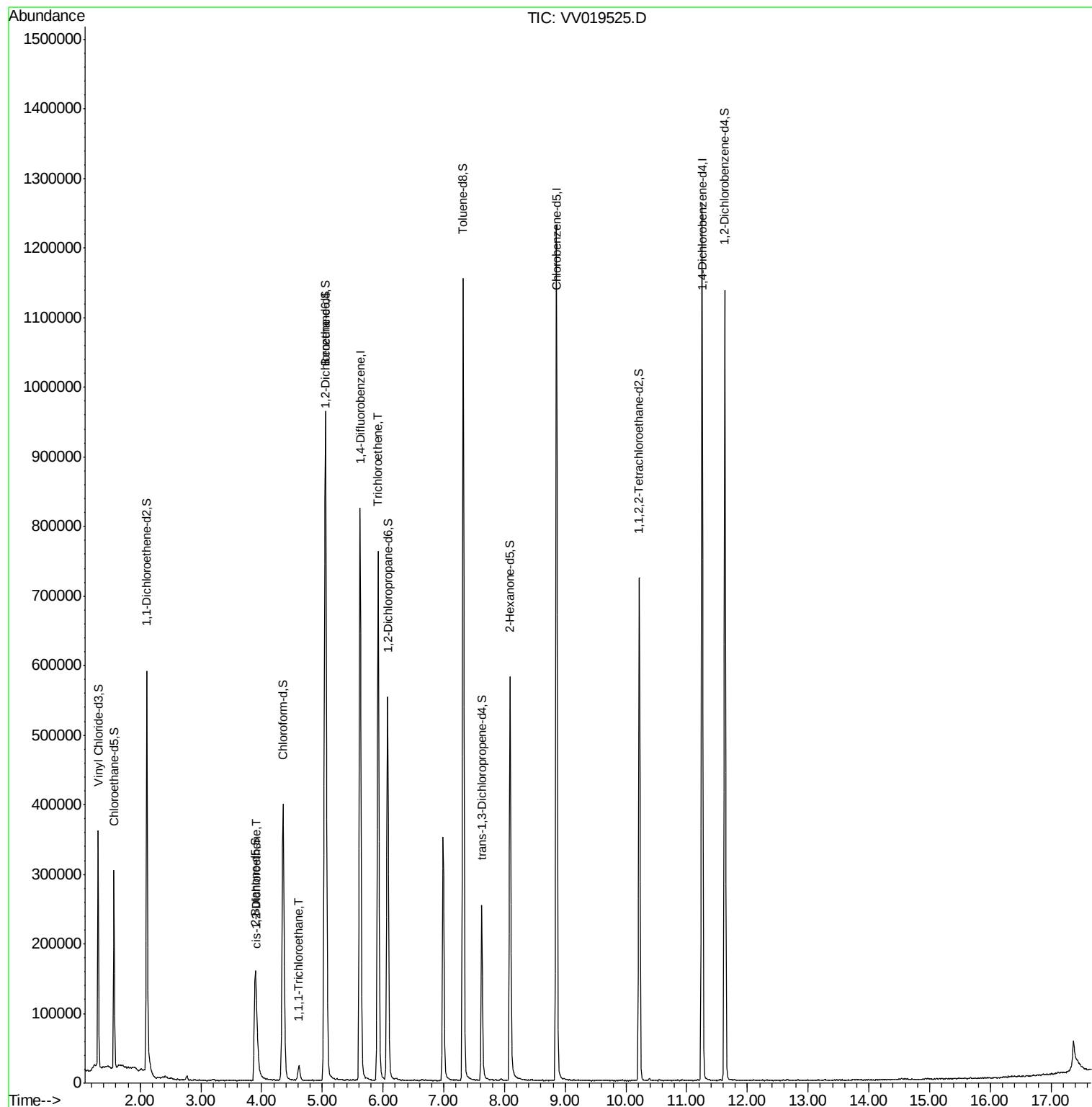
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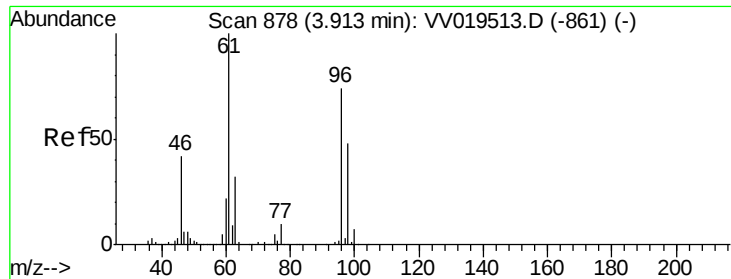
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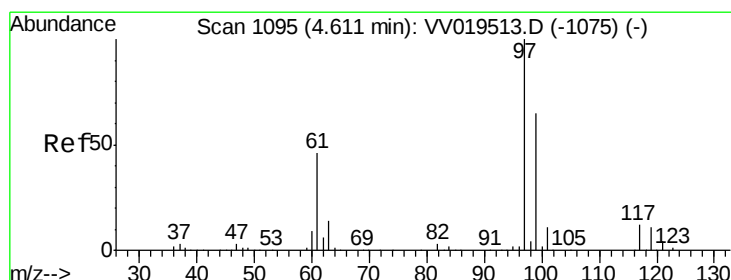
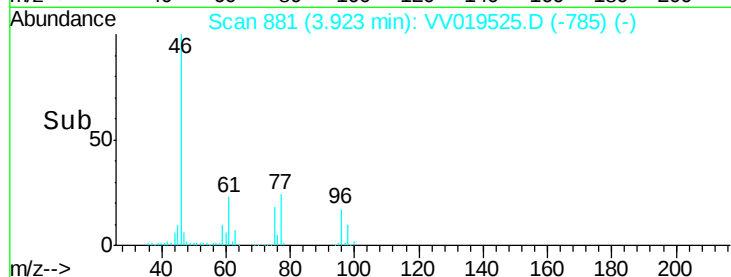
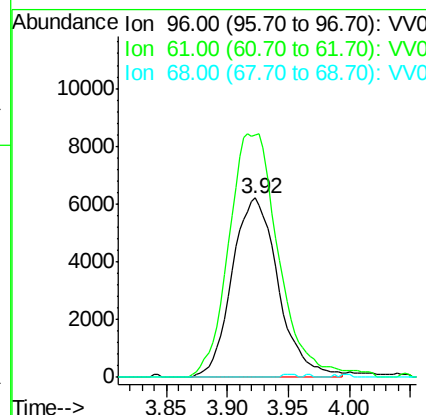
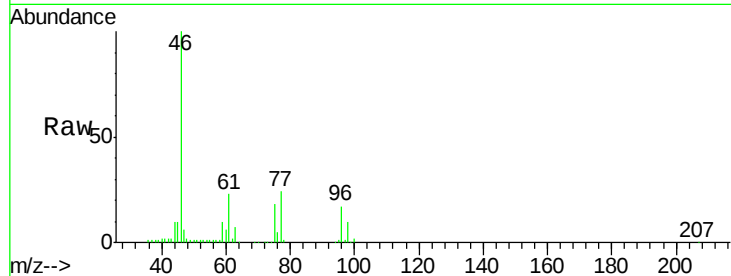
#20
 cis-1,2-Dichloroethene
 Concen: 3.378 ug/L
 RT: 3.92 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: VV019525.D
 Acq: 10 Dec 2020 21:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	135.2		94.1	174.8	
68	0.0		0.1	0.1#	

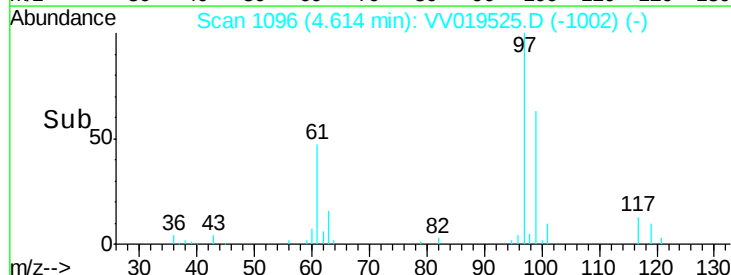
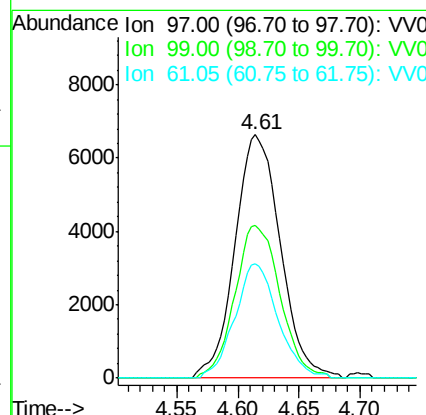
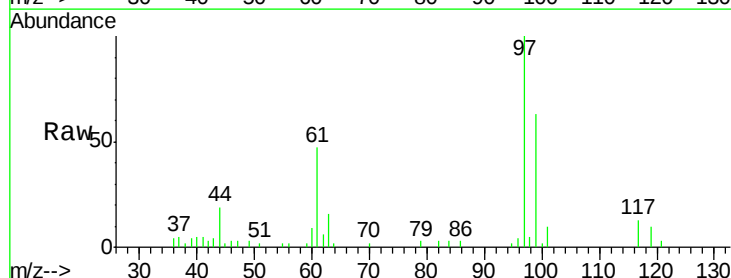
Manual Integrations
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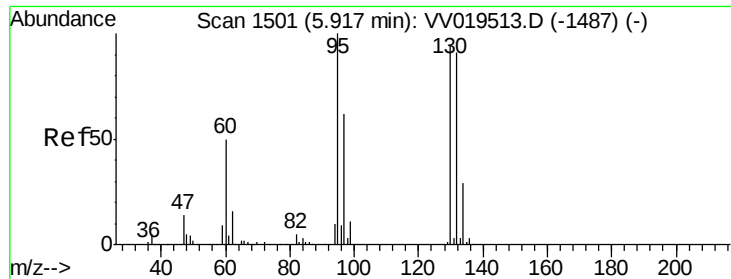
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#30
 1,1,1-Trichloroethane
 Concen: 2.194 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VV019525.D
 Acq: 10 Dec 2020 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	62.5		51.3	76.9	
61	44.5		36.3	54.5	





#34
 Trichloroethene
 Concen: 56.394 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp Lower	Upper
95	100		
97	62.7	44.4	82.4
132	90.4	64.3	119.3
130	96.3	67.8	125.8

Manual Integrations
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