

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019528.D
 Acq On : 10 Dec 2020 22:39
 Operator : SY/MD
 Sample : L4997-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR0

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:43 AM

Quant Time: Dec 11 04:07:00 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	692885	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	642658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	304106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	198957	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.08%
7) Chloroethane-d5	1.57	69	170534	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.04%
11) 1,1-Dichloroethene-d2	2.11	63	335315m	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	3.90	46	272979	101.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.35	84	404951	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.04	65	282110	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.05	84	798500	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
36) 1,2-Dichloropropane-d6	6.07	67	255708	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.32	98	725291	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.62	79	136027	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.08%
47) 2-Hexanone-d5	8.09	63	209373	99.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,1,2,2-Tetrachloroethane-	10.22	84	342847	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	267306	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.12	96	53778	13.028 ug/L #	6
20) cis-1,2-Dichloroethene	3.92	96	57547	11.570 ug/L #	95
30) 1,1,1-Trichloroethane	4.61	97	70481	8.747 ug/L	99
34) Trichloroethene	5.92	95	878752	177.113 ug/L	99

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

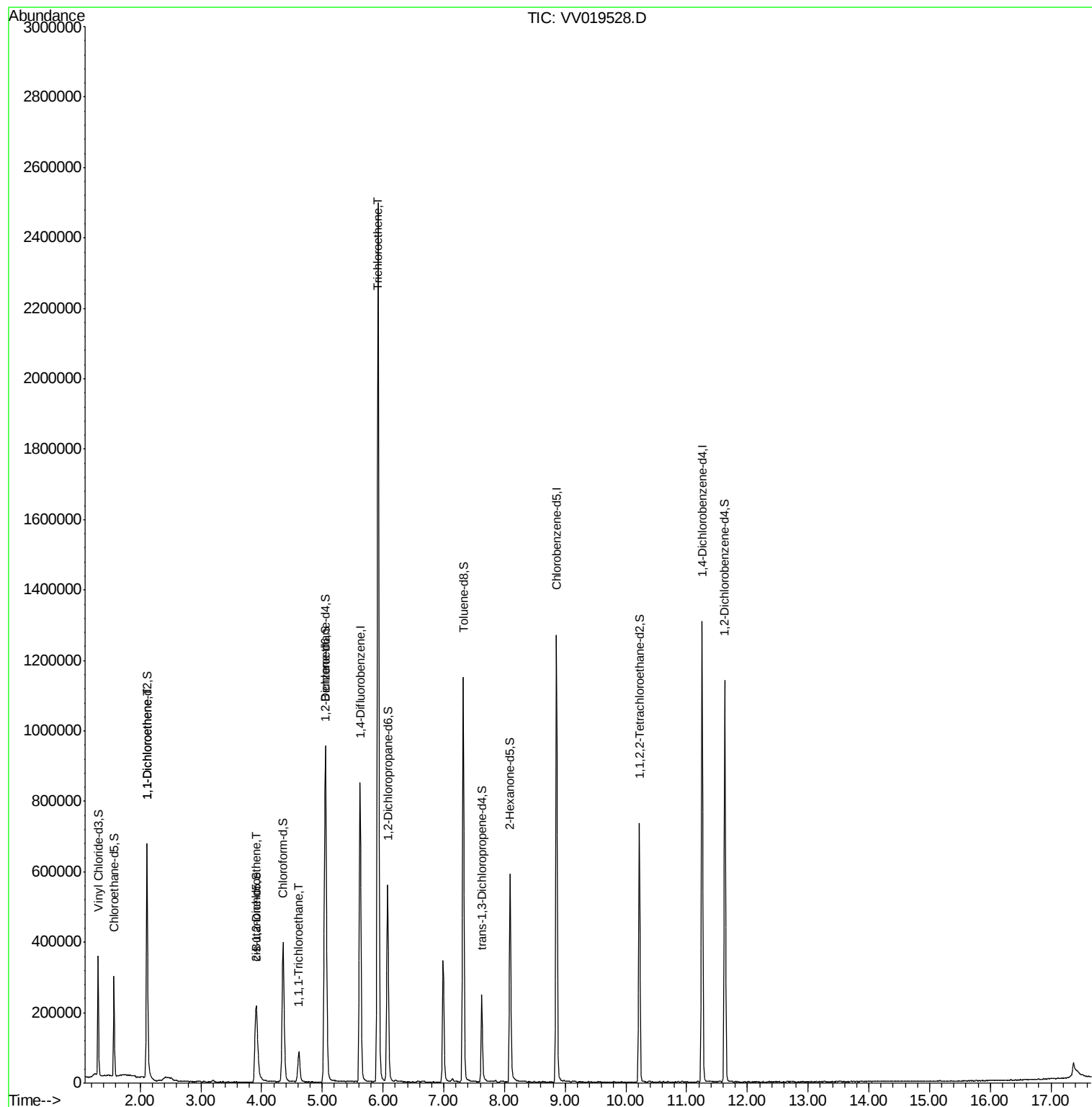
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
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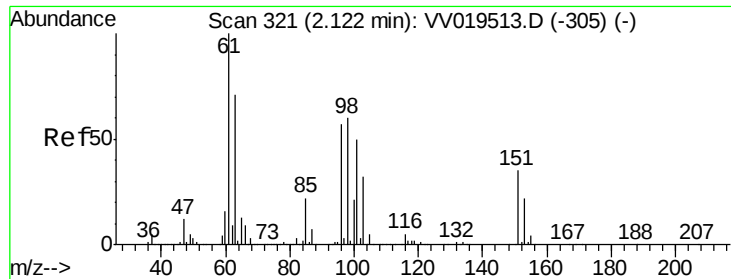
Instrument :
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ClientSampleId :
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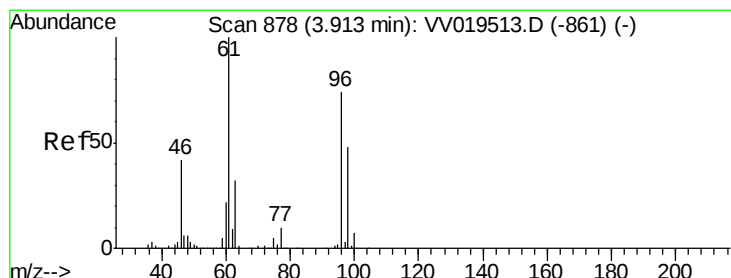
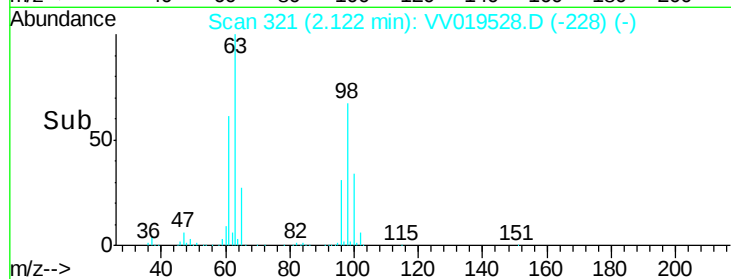
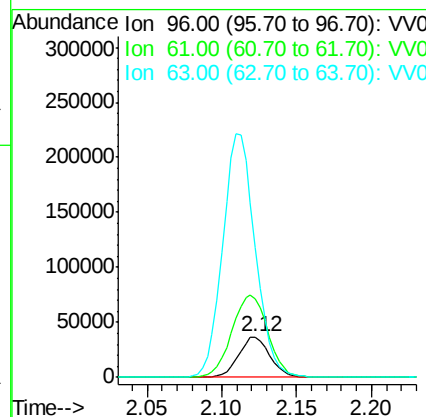
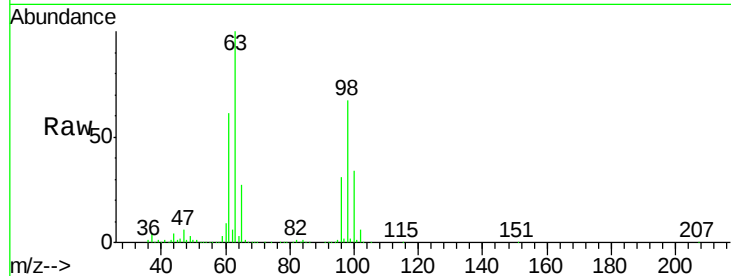
#12
 1,1-Dichloroethene
 Concen: 13.028 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VV019528.D
 Acq: 10 Dec 2020 22:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR0

Tot Ion	Ratio	Lower	Upper
96	100		
61	194.9	120.7	224.1
63	320.6	64.3	119.5#

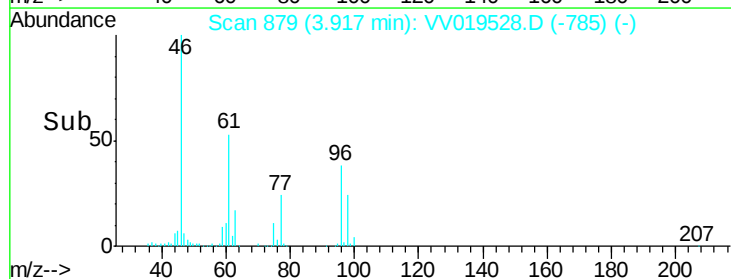
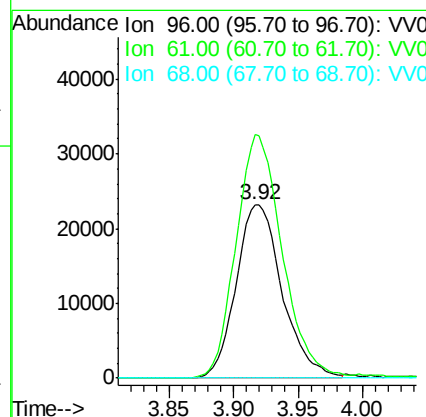
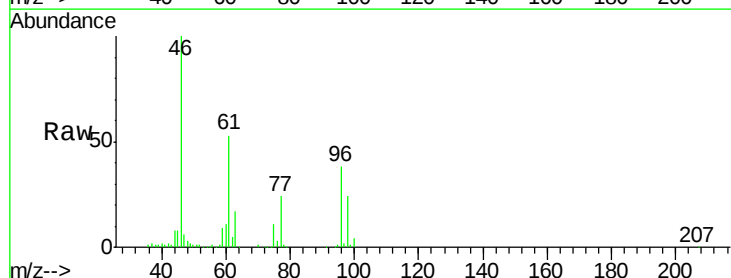
Manual Integrations
 APPROVED

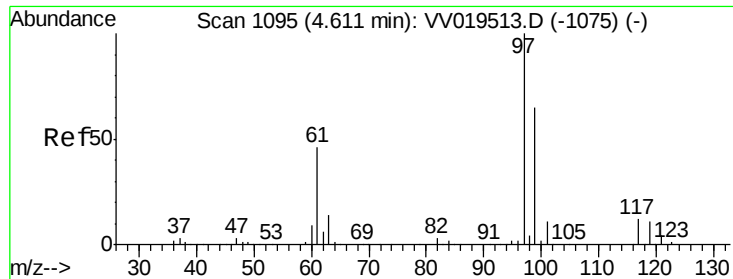
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#20
 cis-1,2-Dichloroethene
 Concen: 11.570 ug/L
 RT: 3.92 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VV019528.D
 Acq: 10 Dec 2020 22:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.2	94.1	174.8
68	0.0	0.1	0.1#





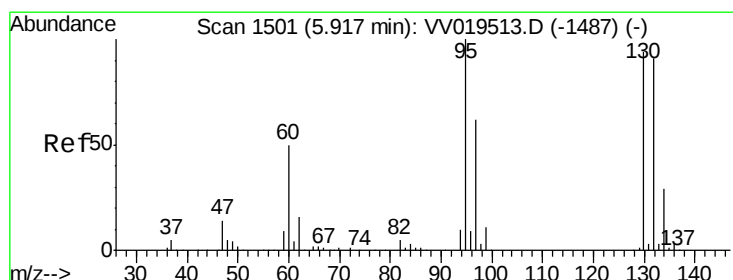
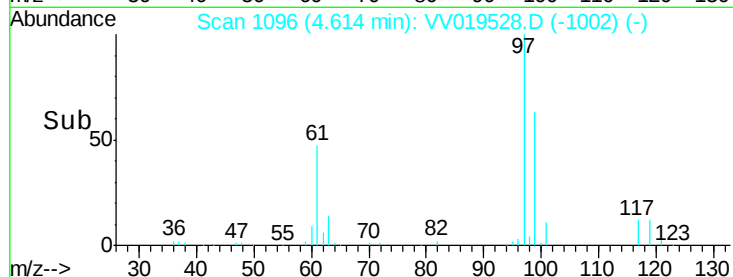
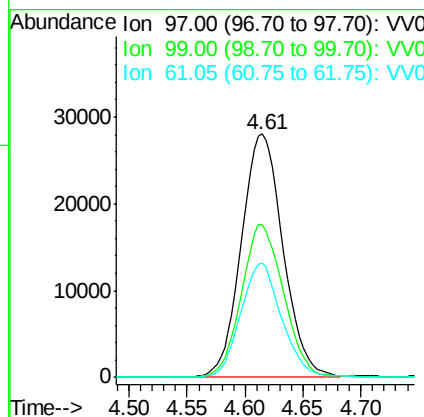
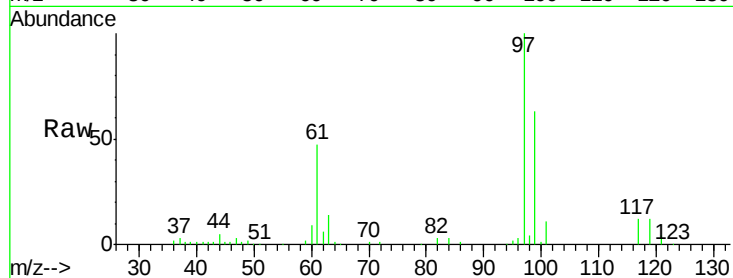
#30
1,1,1-Trichloroethane
Concen: 8.747 ug/L
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VV019528.D
Acq: 10 Dec 2020 22:39

Instrument :
MSVOA_V
ClientSampled :
C0AR0

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	45.5	36.3	54.5

Manual Integrations
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#34
Trichloroethene
Concen: 177.113 ug/L
RT: 5.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VV019528.D
Acq: 10 Dec 2020 22:39

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	90.8	64.3	119.3
130	95.9	67.8	125.8

