

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017441.D
 Acq On : 10 Jul 2020 15:43
 Operator : SY/MD
 Sample : L3254-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A54

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:43:55 AM

Quant Time: Jul 11 01:21:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253519	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124995	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54131	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.58	69	41653	41.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.12	63	98136	30.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.14%
21) 2-Butanone-d5	3.91	46	89344	92.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.25%
24) Chloroform-d	4.38	84	142562	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
26) 1,2-Dichloroethane-d4	5.06	65	106060	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	248202	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.09	67	72851	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.34	98	235301	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	41129	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.11	63	58905	91.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96631	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	101437	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

					Ovalue
13) Acetone	2.19	43	8913m	6.761	ug/L
20) cis-1,2-Dichloroethene	3.94	96	42994	22.555	ug/L
34) Trichloroethene	5.95	95	1831	0.920	ug/L #
46) Tetrachloroethene	8.00	164	6357	3.805	ug/L

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

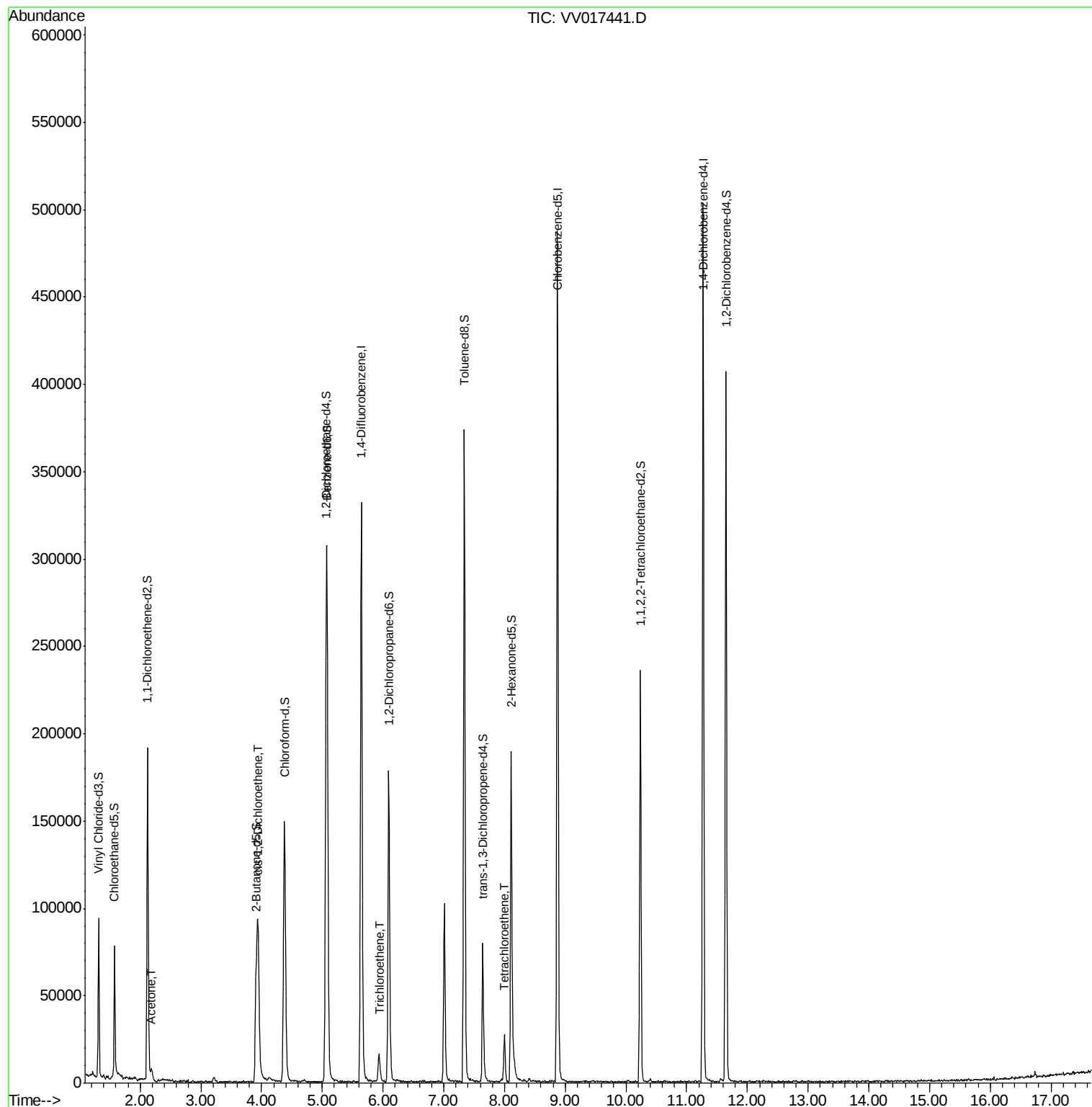
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071020\
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Acq On : 10 Jul 2020 15:43
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ALS Vial : 14 Sample Multiplier: 1

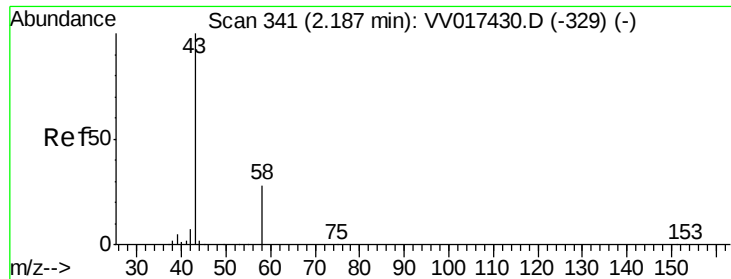
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
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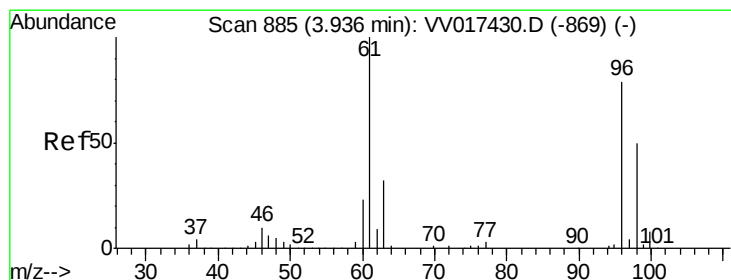
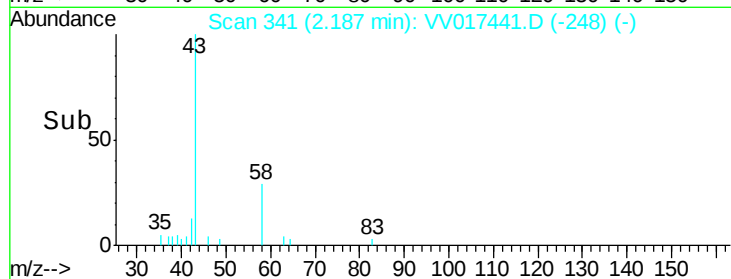
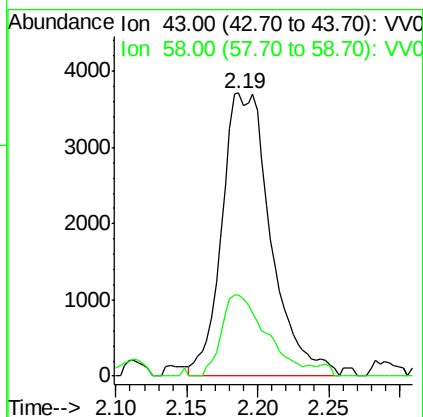
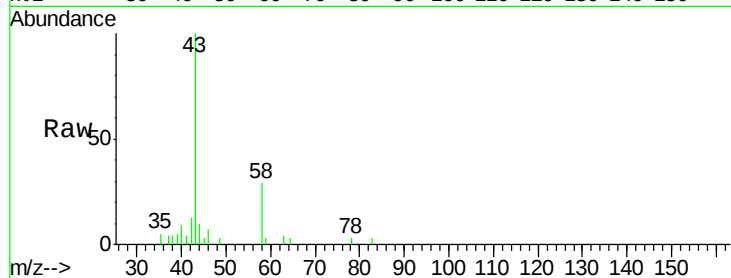
#13
Acetone
Concen: 6.761 ug/L m
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Instrument :
MSVOA_V
ClientSampleId :
F4A54

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.5	0.0	56.0

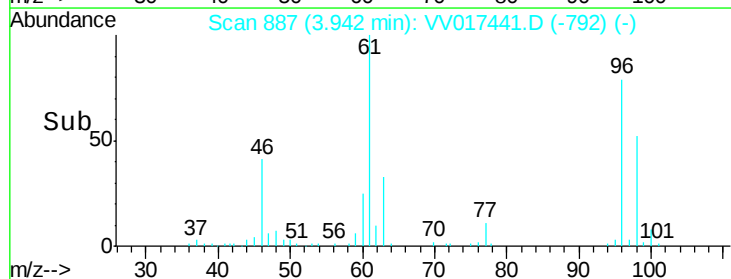
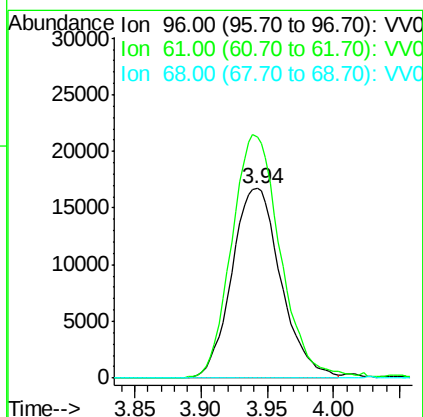
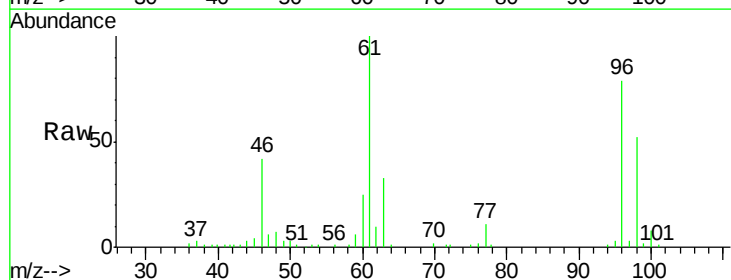
Manual Integrations
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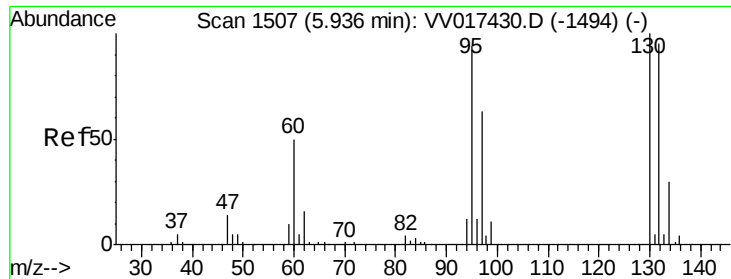
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#20
cis-1,2-Dichloroethene
Concen: 22.555 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017441.D
Acq: 10 Jul 2020 15:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.2	88.9	165.1
68	0.0	0.0	0.0





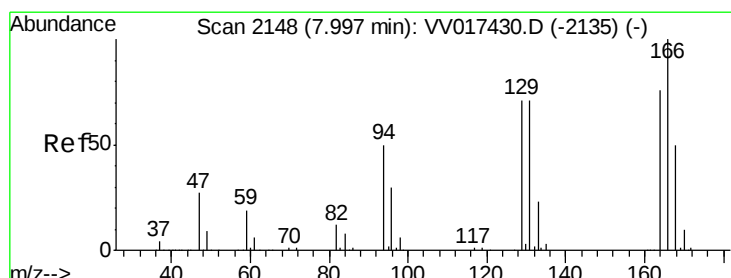
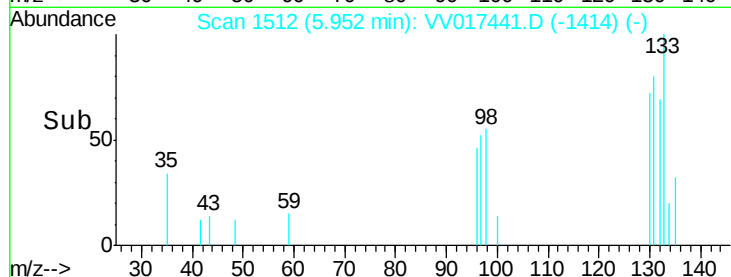
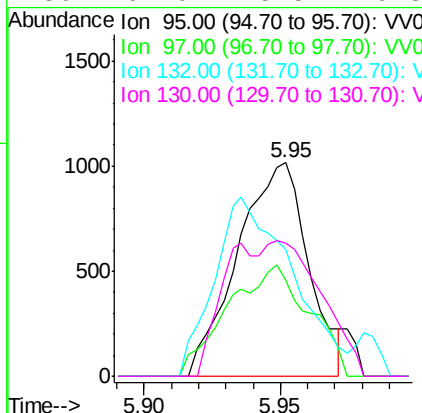
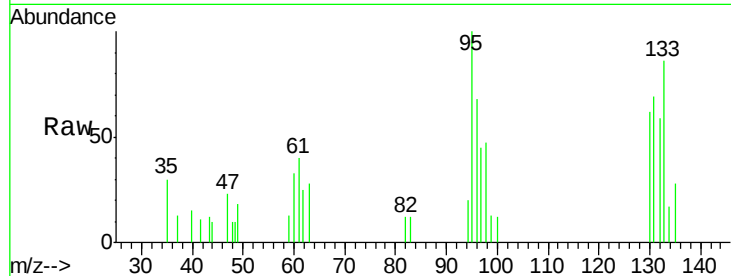
#34
 Trichloroethene
 Concen: 0.920 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. 0.02 min
 Lab File: VV017441.D
 Acq: 10 Jul 2020 15:43

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		1831		
97	44.7	45.6	84.6#		
132	59.5	74.1	137.5#		
130	62.0	75.5	140.3#		

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 3.805 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017441.D
 Acq: 10 Jul 2020 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		6357		
129	92.2	66.6	123.8		
131	87.5	65.5	121.7		
166	140.5	93.9	174.5		

