

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014812.D
 Acq On : 10 Mar 2020 19:27
 Operator : SY/MD
 Sample : L1858-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRF7

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 11:09:48 AM

Quant Time: Mar 11 04:42:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91425	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.58	69	80416	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.94%
11) 1,1-Dichloroethene-d2	2.12	63	124783	28.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.06%#
21) 2-Butanone-d5	3.94	46	154151	77.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.16%
24) Chloroform-d	4.38	84	221511	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
26) 1,2-Dichloroethane-d4	5.06	65	149329	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
32) Benzene-d6	5.08	84	450451	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
36) 1,2-Dichloropropane-d6	6.10	67	141787	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.34%
41) Toluene-d8	7.34	98	418362	42.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.22%
43) trans-1,3-Dichloropropene-	7.64	79	63325	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.12	63	136643	92.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200802	43.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	173897	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.12	96	1506	0.700 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	2800	0.942 ug/L	73
25) Chloroform	4.41	83	8120m	1.511 ug/L	
34) Trichloroethene	5.94	95	29310	10.197 ug/L	96

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

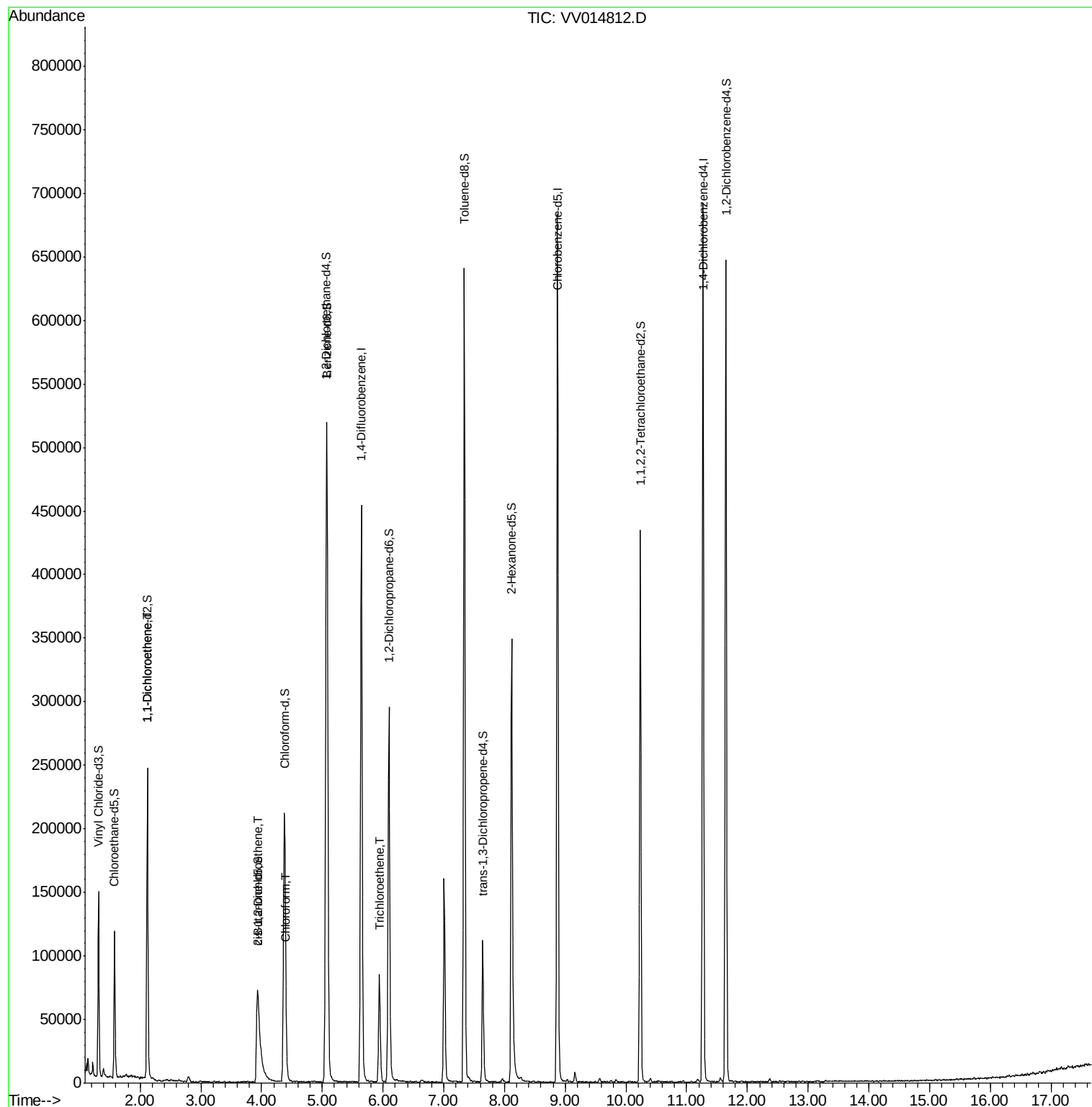
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
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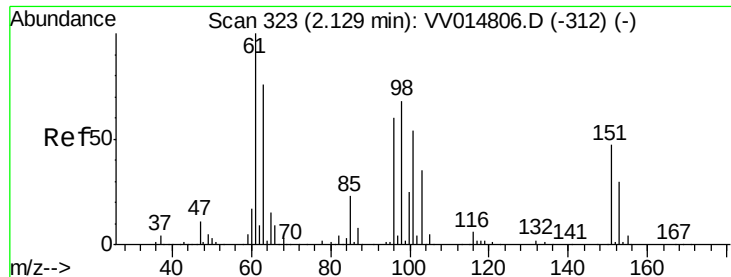
Instrument :
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ClientSampleId :
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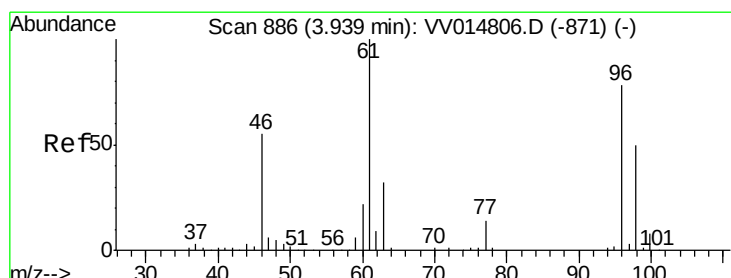
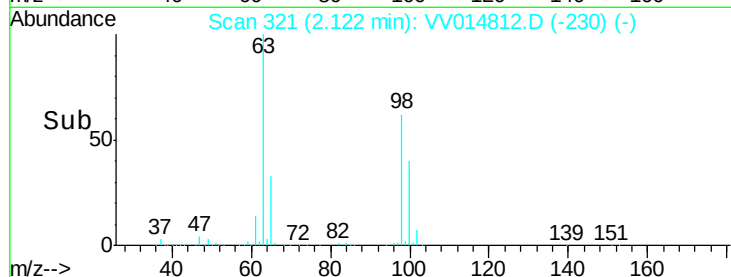
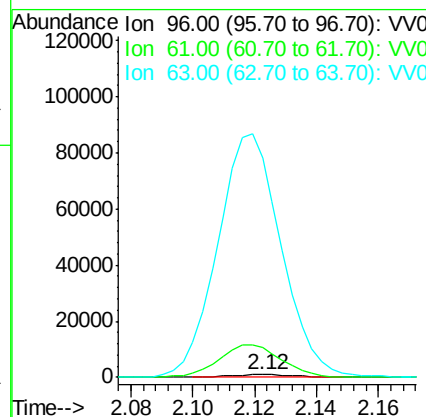
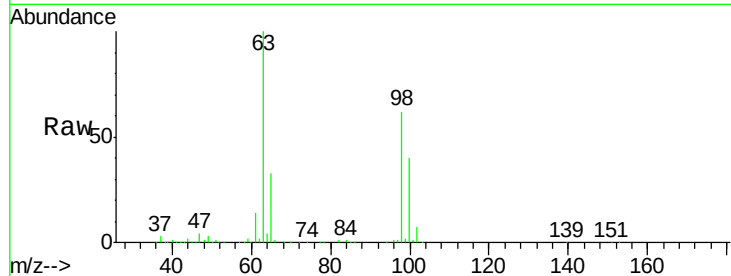
#12
 1,1-Dichloroethene
 Concen: 0.700 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV014812.D
 Acq: 10 Mar 2020 19:27

Instrument :
 MSVOA_V
 ClientSampled :
 BFRF7

Tot Ion: 96 Resp: 1506
 Ion Ratio Lower Upper
 96 100
 61 1028.7 118.4 220.0
 63 7604.7 88.4 164.2

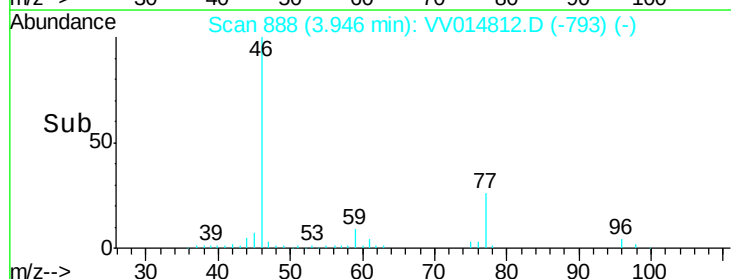
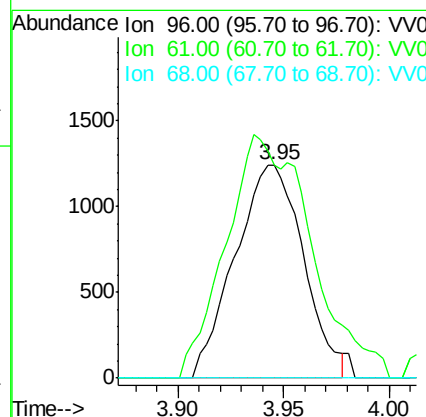
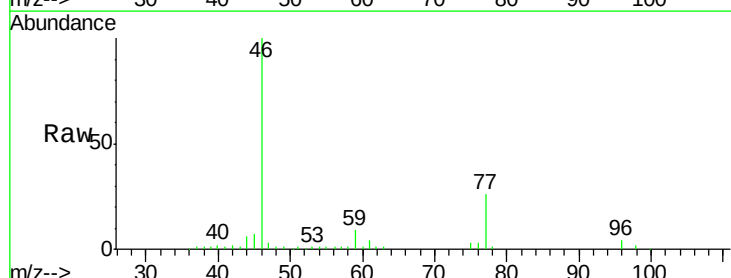
Manual Integrations
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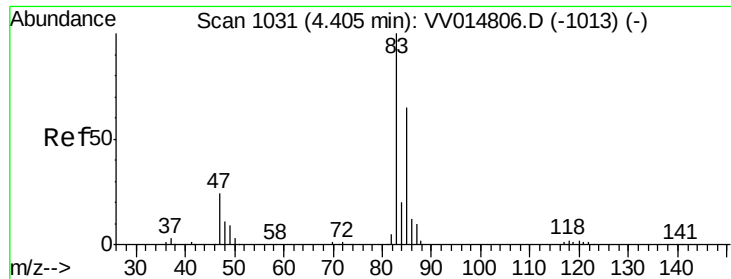
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#20
 cis-1,2-Dichloroethene
 Concen: 0.942 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV014812.D
 Acq: 10 Mar 2020 19:27

Tgt Ion: 96 Resp: 2800
 Ion Ratio Lower Upper
 96 100
 61 100.0 92.2 171.2
 68 0.0 0.0 0.0





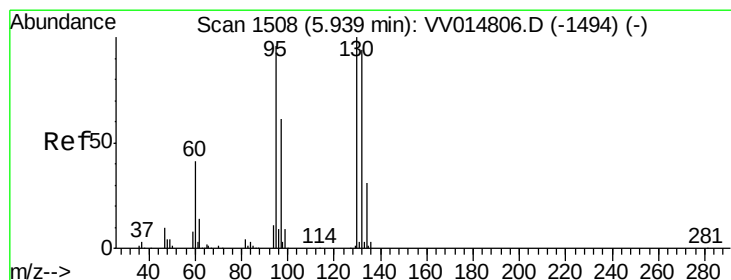
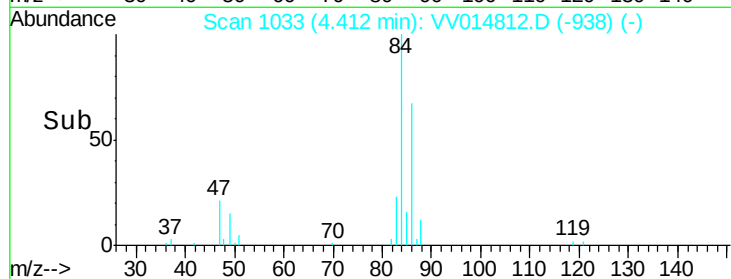
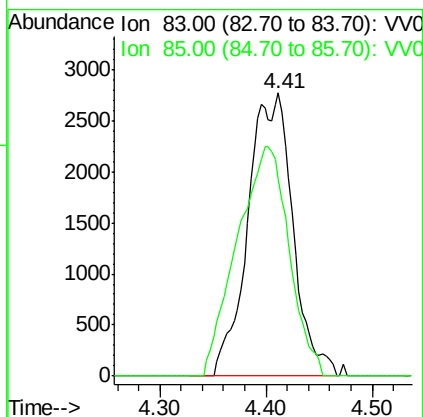
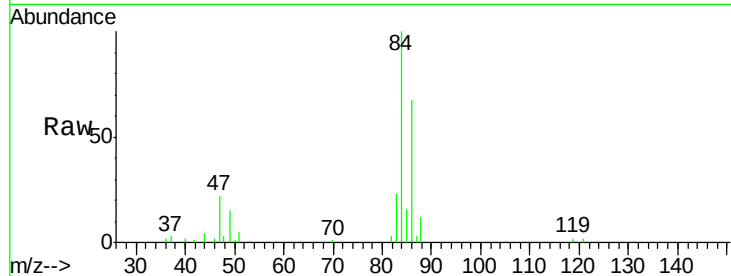
#25
Chloroform
Concen: 1.511 ug/L m
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV014812.D
Acq: 10 Mar 2020 19:27

Instrument :
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Tot Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.1	83.9

Manual Integrations
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#34
Trichloroethene
Concen: 10.197 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV014812.D
Acq: 10 Mar 2020 19:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.1	43.8	81.4
132	98.7	65.8	122.2
130	100.5	70.6	131.2

