

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019930.D
 Acq On : 07 Jan 2021 18:35
 Operator : SY/MD
 Sample : M1017-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X1

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 4:51:36 PM

Quant Time: Jan 08 03:55:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	460704	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	441857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	204466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108938	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.12%
7) Chloroethane-d5	1.57	69	110100	38.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.70%
11) 1,1-Dichloroethene-d2	2.11	63	182784	27.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.24%#
21) 2-Butanone-d5	3.88	46	268989	101.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.35	84	276346	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.04	65	197891	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.05	84	494088	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
36) 1,2-Dichloropropane-d6	6.07	67	177660	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.32	98	408983	36.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.22%#
43) trans-1,3-Dichloropropene-	7.63	79	71447	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.70%
47) 2-Hexanone-d5	8.09	63	146364	84.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.65%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	244513	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.63	152	177609	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%

Target Compounds

					Ovalue
13) Acetone	2.17	43	52452	25.641 ug/L	99
22) 2-Butanone	4.00	43	17424m	6.067 ug/L	
34) Trichloroethene	5.93	95	6880	1.866 ug/L	97
46) Tetrachloroethene	7.98	164	113865	46.245 ug/L	98

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

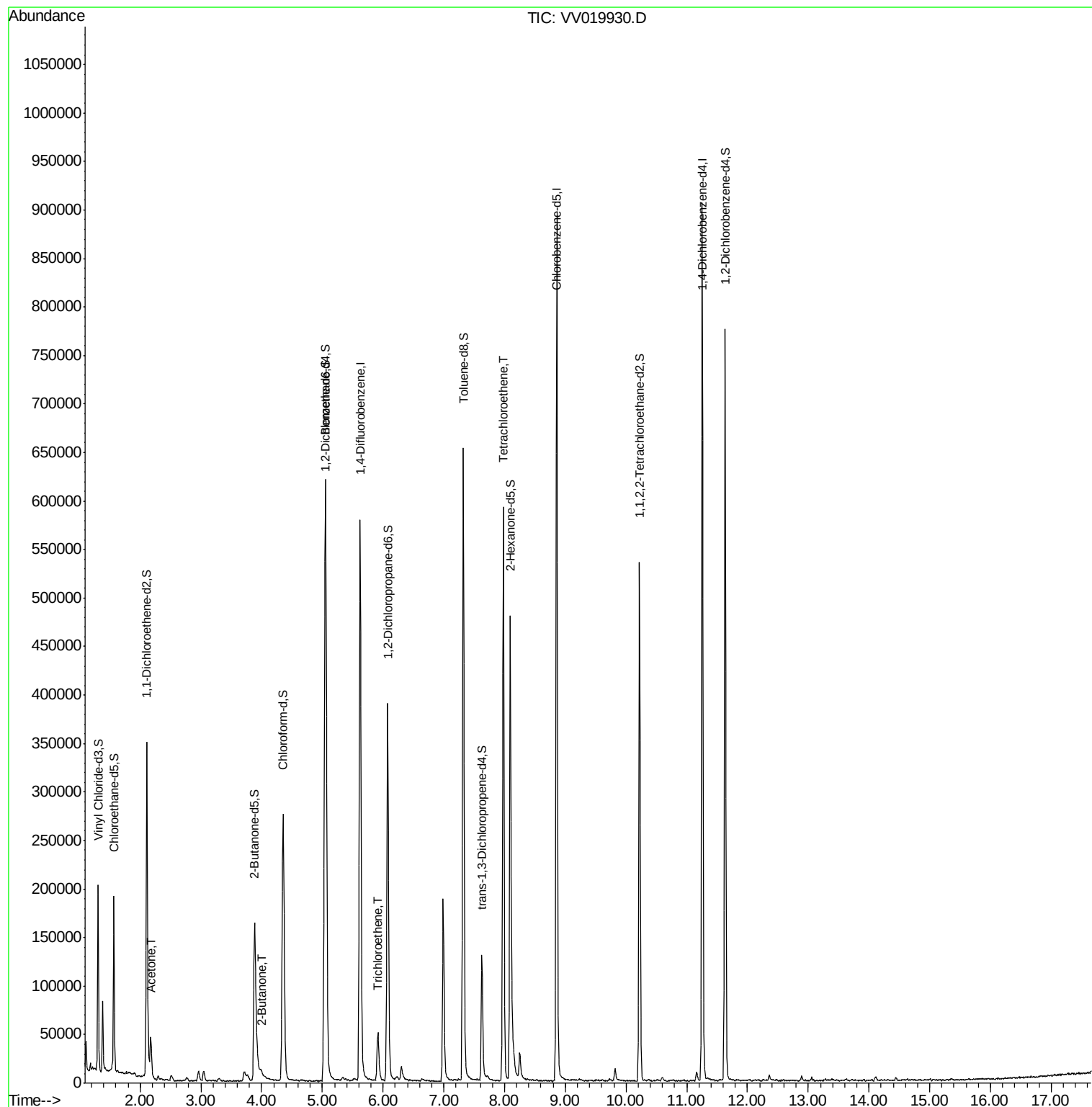
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
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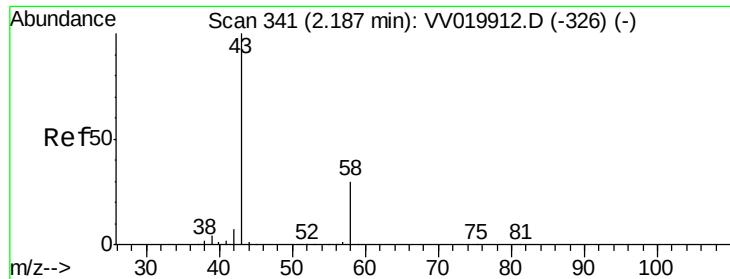
Instrument :
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QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration





#13

Acetone

Concen: 25.641 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

Instrument :

MSVOA_V

ClientSampled :

BG4X1

Tot Ion: 43 Resp: 52452

Ion Ratio Lower Upper

43 100

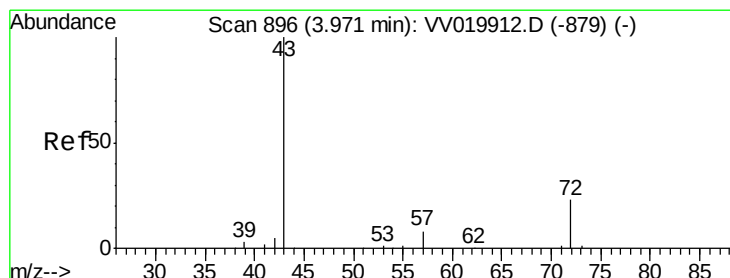
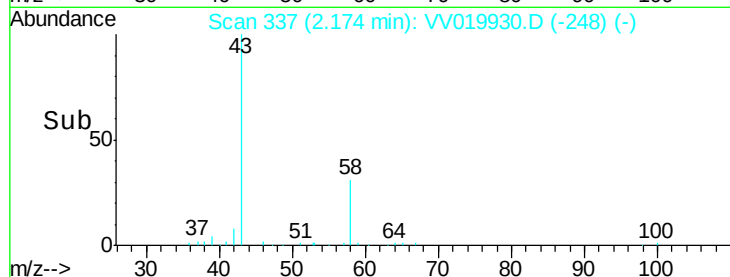
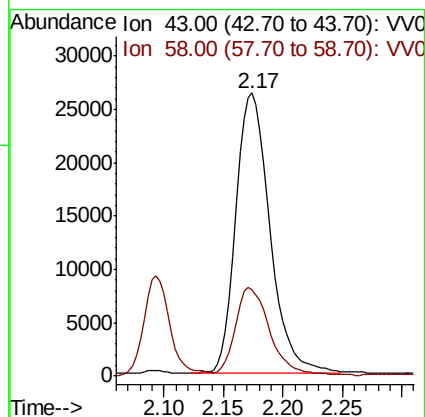
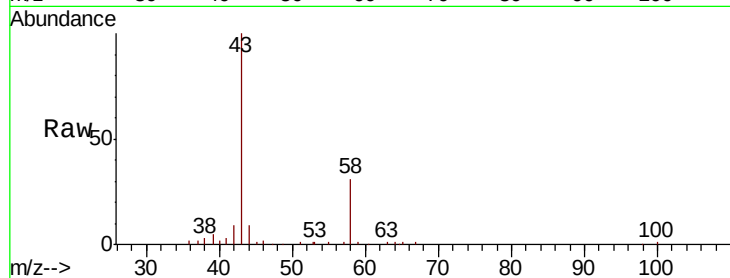
58 29.4 0.0 60.2

Manual Integrations

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#22

2-Butanone

Concen: 6.067 ug/L m

RT: 4.00 min Scan# 905

Delta R.T. 0.03 min

Lab File: VV019930.D

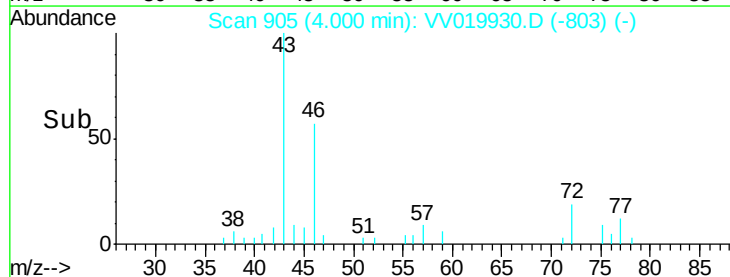
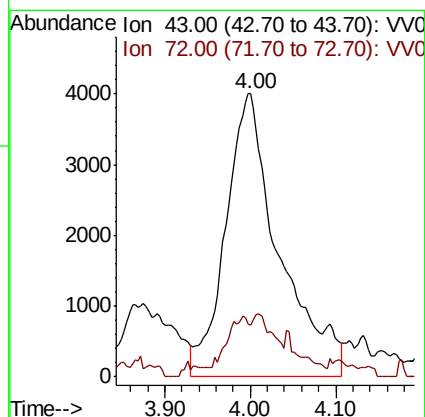
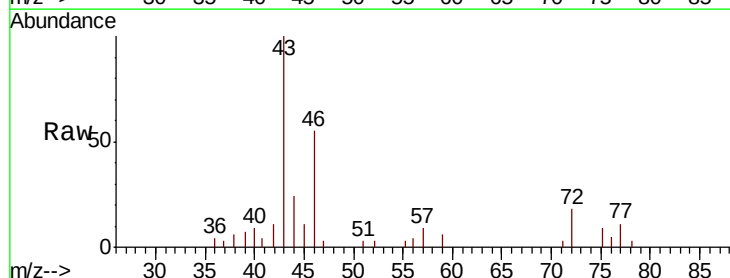
Acq: 07 Jan 2021 18:35

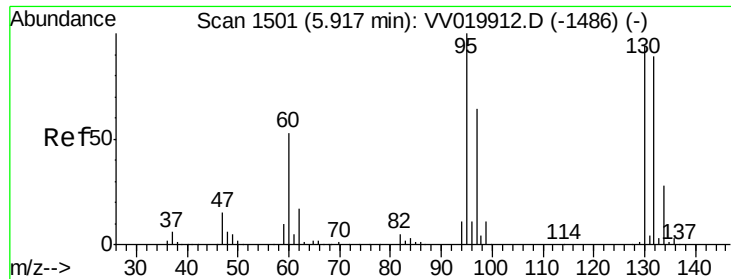
Tgt Ion: 43 Resp: 17424

Ion Ratio Lower Upper

43 100

72 0.5 12.2 36.6#





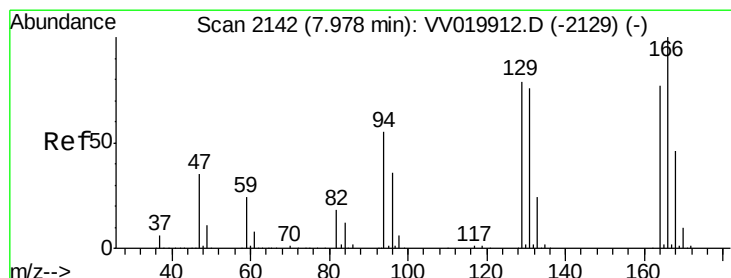
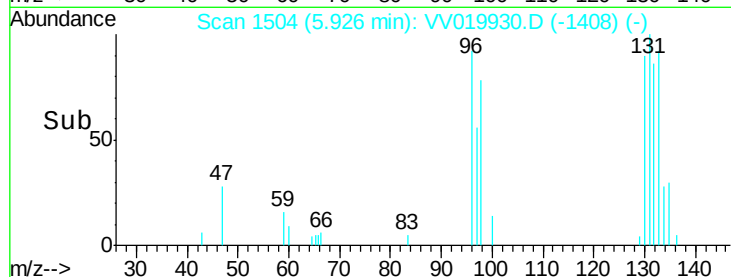
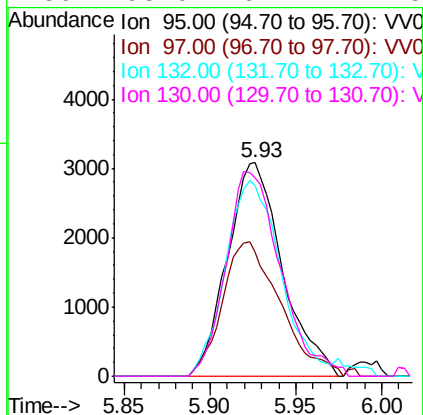
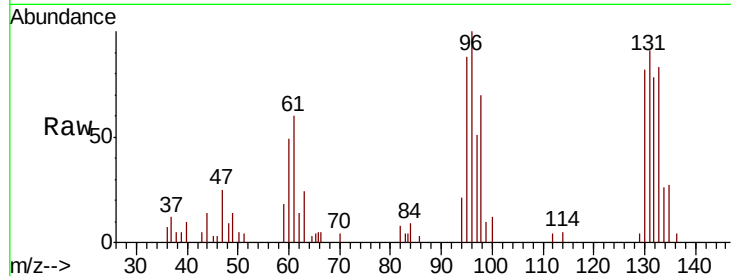
#34
 Trichloroethene
 Concen: 1.866 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019930.D
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Tot Ion:	95	Resp:	6880
Ion	Ratio	Lower	Upper
95	100		
97	58.1	44.5	82.7
132	89.3	63.4	117.8
130	93.0	67.1	124.5

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#46
 Tetrachloroethene
 Concen: 46.245 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019930.D
 Acq: 07 Jan 2021 18:35

Tgt Ion:	164	Resp:	113865
Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.6	131.0
131	99.7	66.8	124.0
166	124.6	88.2	163.8

