

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019730.D
 Acq On : 19 Dec 2020 12:07
 Operator : SY/MD
 Sample : L5099-05 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q0

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:47:38 PM

Quant Time: Dec 21 04:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	780563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	726745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	333380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	217569	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.74%
7) Chloroethane-d5	1.57	69	184921	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.11	63	324381	31.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.46%
21) 2-Butanone-d5	3.89	46	351881	115.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.66%
24) Chloroform-d	4.35	84	437991m	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.04	65	305596	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.05	84	865020	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
36) 1,2-Dichloropropane-d6	6.07	67	282329	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	7.32	98	747226	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.62	79	127610	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
47) 2-Hexanone-d5	8.09	63	235867	98.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.98%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	355684	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	285112	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%

Target Compounds					Ovalue
13) Acetone	2.18	43	9428	3.638	ug/L 99
34) Trichloroethene	5.92	95	95537	17.028	ug/L 95
46) Tetrachloroethene	7.98	164	469790	121.006	ug/L 99

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

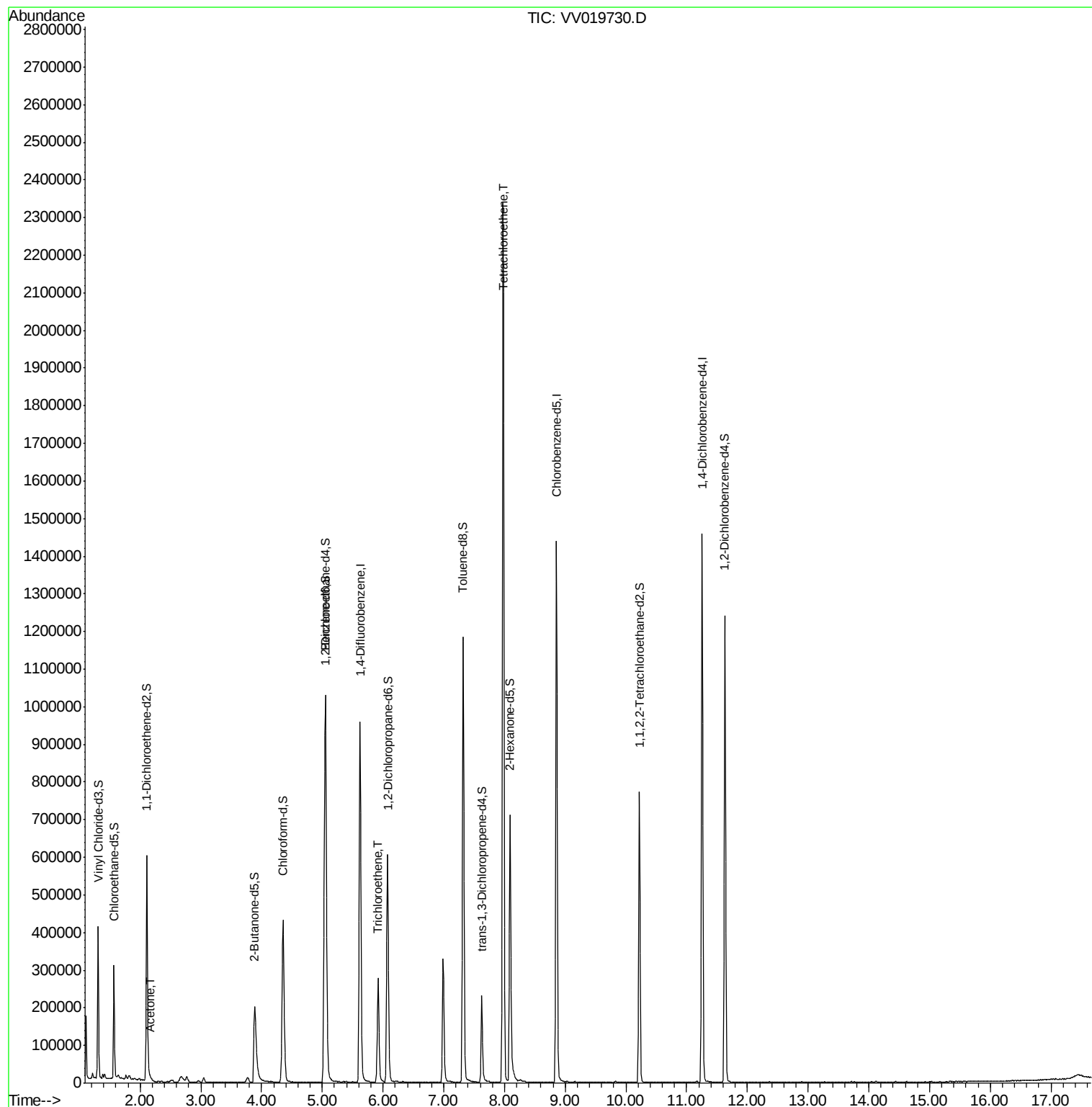
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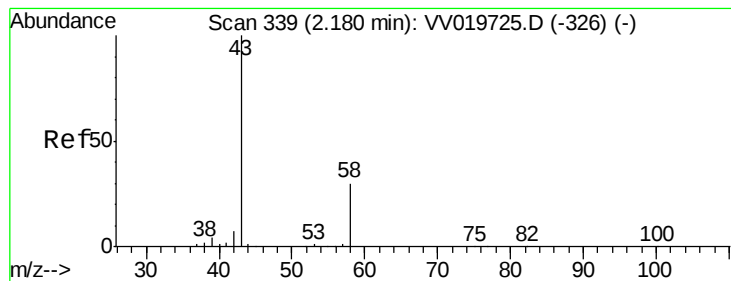
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QLast Update : Mon Dec 21 03:36:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.638 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019730.D

Acq: 19 Dec 2020 12:07

Instrument :

MSVOA_V

ClientSampled :

BG4Q0

Tot Ion: 43 Resp: 9428

Ion Ratio Lower Upper

43 100

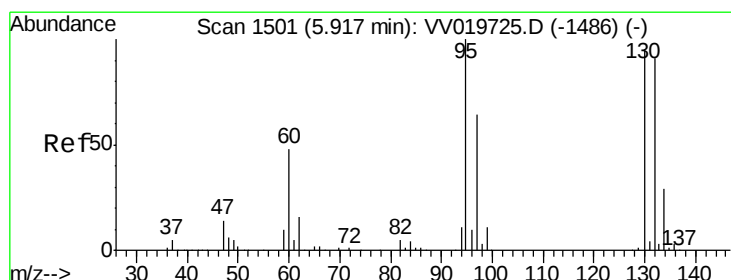
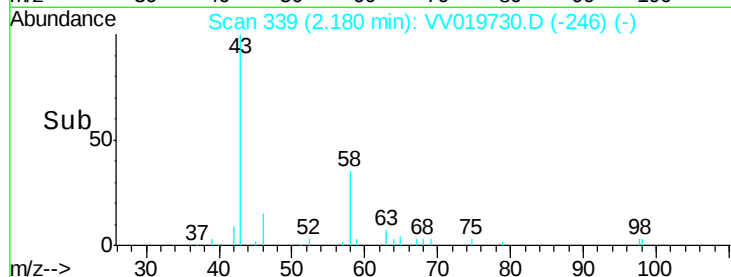
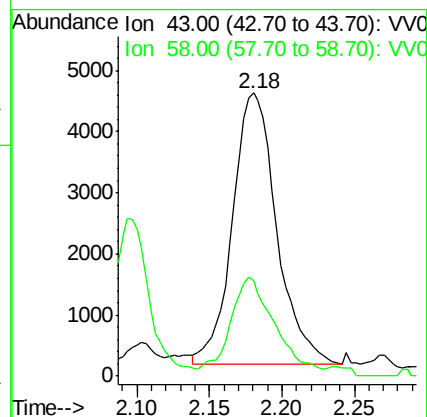
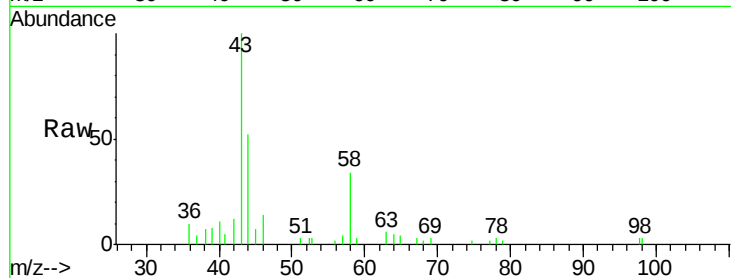
58 30.4 0.0 61.6

Manual Integrations

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#34

Trichloroethene

Concen: 17.028 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019730.D

Acq: 19 Dec 2020 12:07

Tgt Ion: 95 Resp: 95537

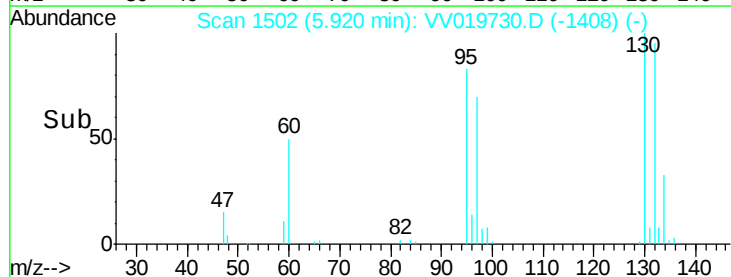
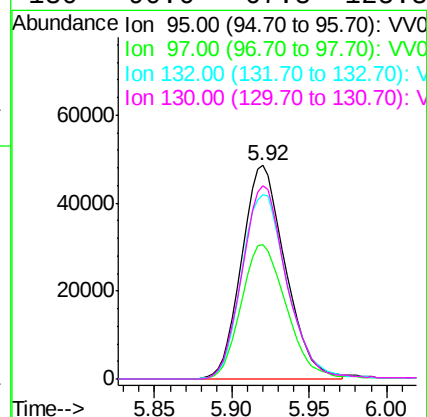
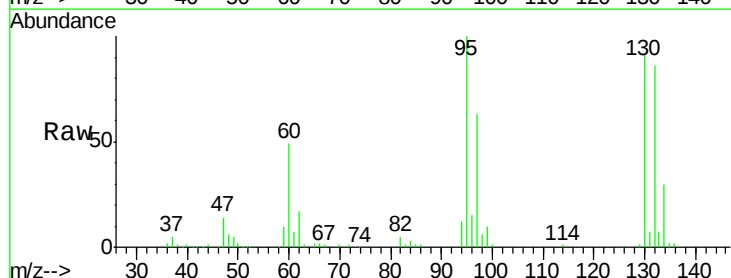
Ion Ratio Lower Upper

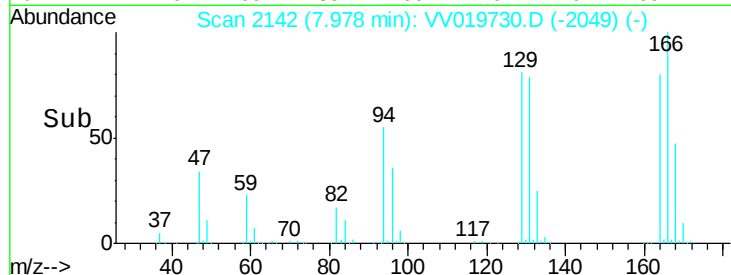
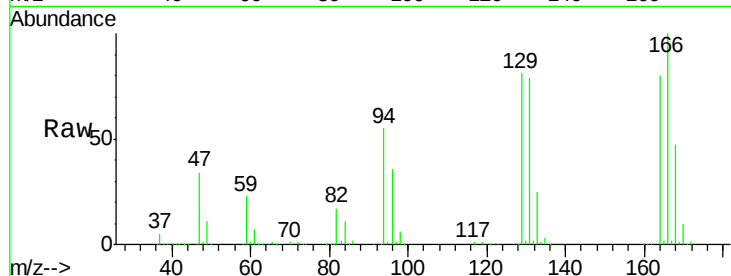
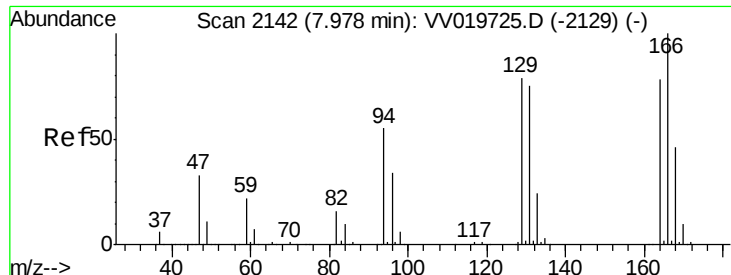
95 100

97 63.0 44.4 82.4

132 86.4 64.3 119.3

130 90.6 67.8 125.8





#46

Tetrachloroethene

Concen: 121.006 ug/L

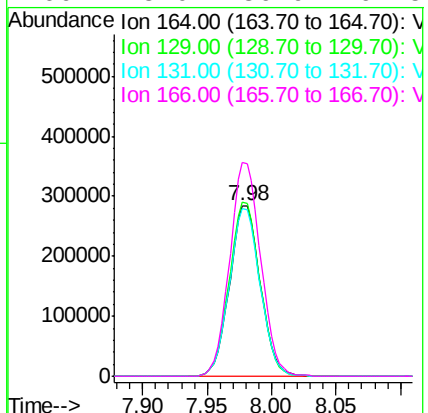
RT: 7.98 min Scan# 2142

Delta R.T. -0.00 min

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Tot Ion	Ratio	Resp	Lower	Upper
164	100	469790		
129	101.7	70.6	131.0	
131	98.3	68.0	126.4	
166	125.0	86.9	161.5	



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