

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019078.D
 Acq On : 22 Oct 2020 19:23
 Operator : SY/MD
 Sample : L4471-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z8

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:36:31 PM

Quant Time: Oct 23 07:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292984	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122226	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.84%
7) Chloroethane-d5	1.58	69	100569	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.88%
11) 1,1-Dichloroethene-d2	2.12	63	187432	37.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.20%
21) 2-Butanone-d5	3.91	46	165544	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.38	84	213506	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.06	65	147866	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.07	84	425961	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.09	67	138239	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.34	98	373155	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.64	79	66687	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
47) 2-Hexanone-d5	8.11	63	121101	98.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165791	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	140514	49.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.36%

Target Compounds

					Ovalue	
13) Acetone	2.21	43	11563m	9.531	ug/L	
34) Trichloroethene	5.94	95	12523	5.652	ug/L	97
46) Tetrachloroethene	8.00	164	282904	166.377	ug/L	99
61) Bromoform	9.75	173	4523	2.979	ug/L	98

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

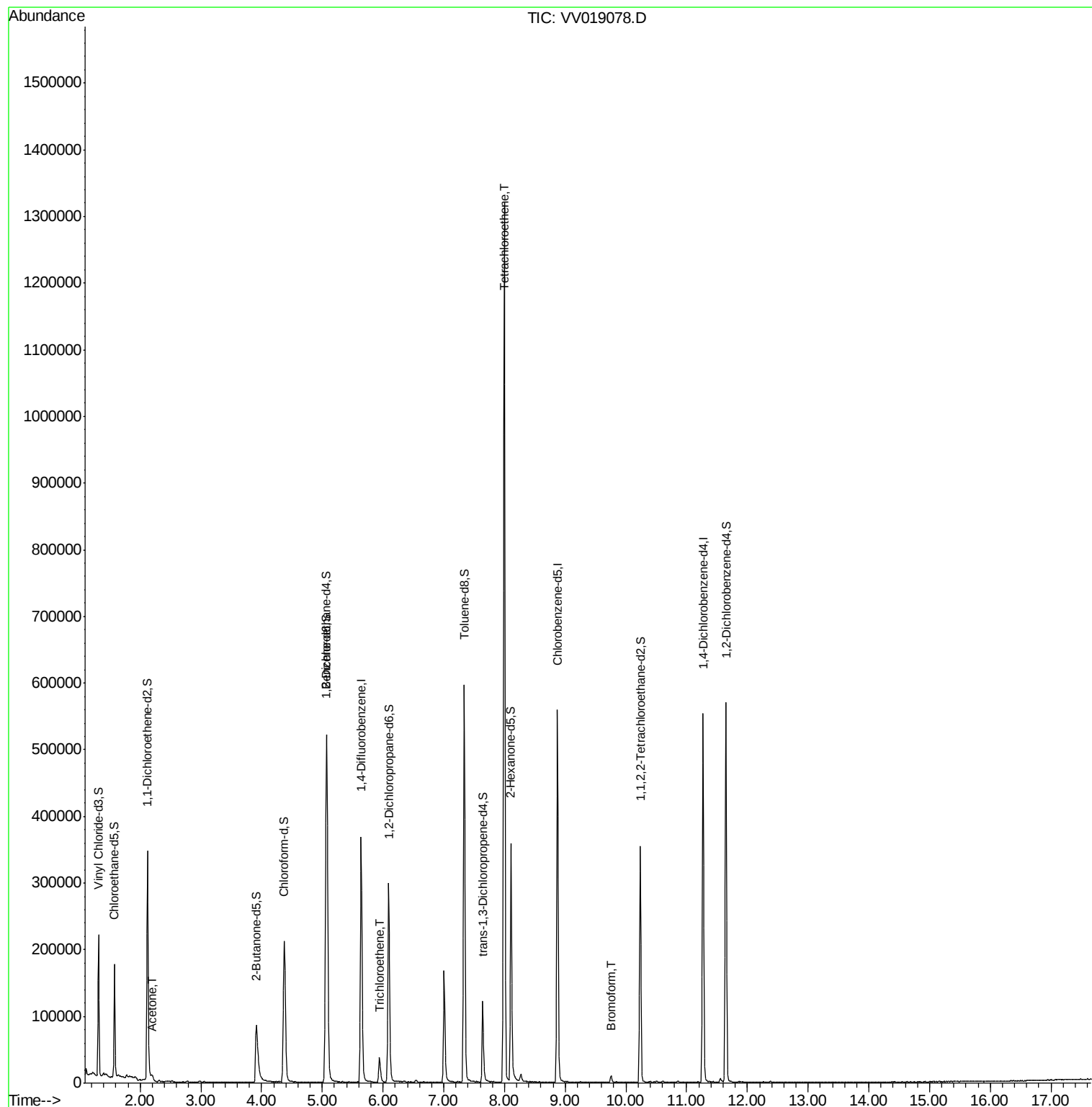
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102220\
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Acq On : 22 Oct 2020 19:23
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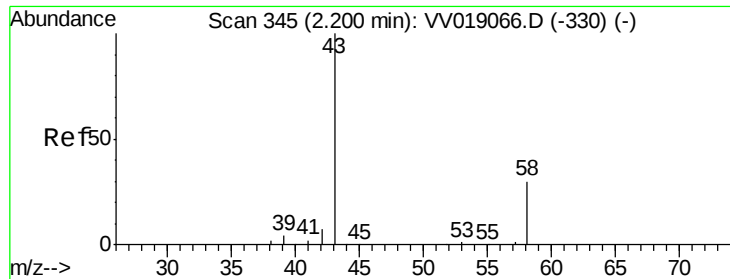
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 13:54:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.531 ug/L m

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV019078.D

Acq: 22 Oct 2020 19:23

Tot Ion: 43 Resp: 11563

Ion Ratio Lower Upper

43 100

58 35.2 0.0 60.2

Instrument :

MSVOA_V

ClientSampleId :

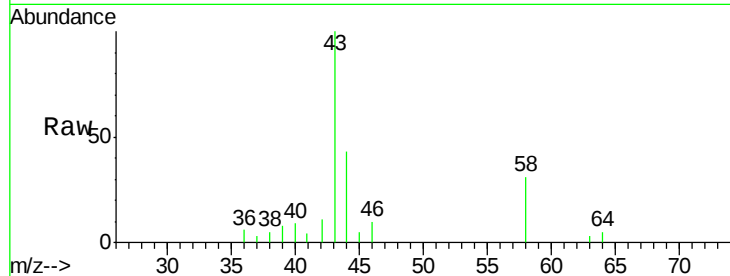
BG3Z8

Manual Integrations

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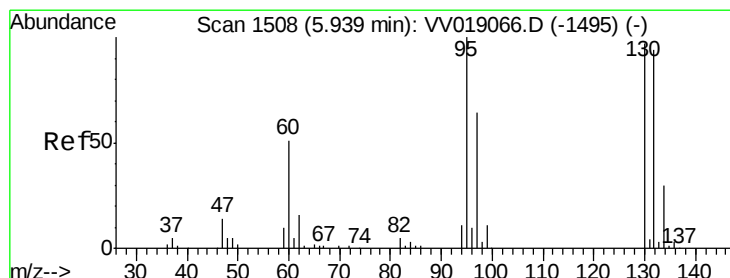
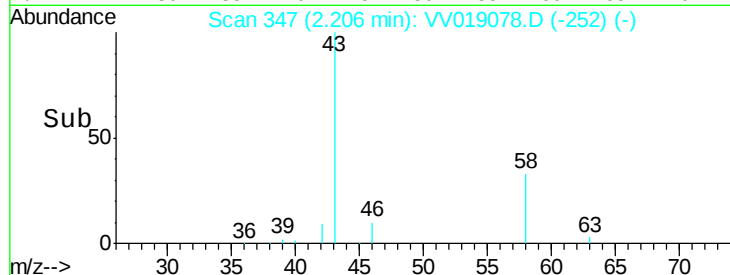
Abundance Ion 43.00 (42.70 to 43.70): VV019066.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV019066.D (-330) (-)

2.21

Time-->

2.10 2.15 2.20 2.25 2.30



#34

Trichloroethene

Concen: 5.652 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV019078.D

Acq: 22 Oct 2020 19:23

Tgt Ion: 95 Resp: 12523

Ion Ratio Lower Upper

95 100

97 60.5 44.6 82.8

132 90.4 66.0 122.6

130 98.7 67.6 125.6

Abundance Ion 95.00 (94.70 to 95.70): VV019066.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV019066.D (-1495) (-)

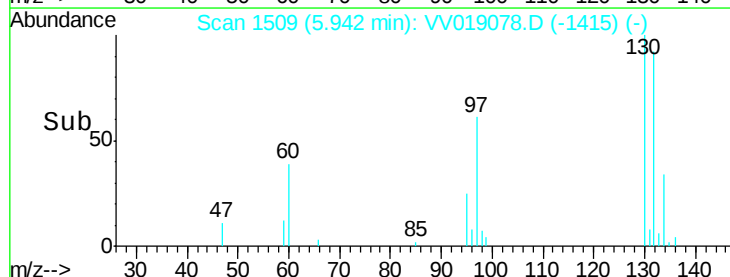
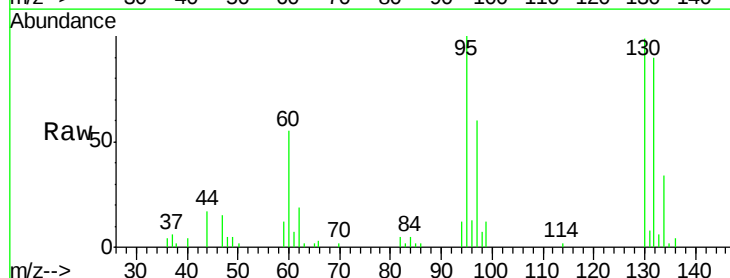
Ion 132.00 (131.70 to 132.70): VV019066.D (-1495) (-)

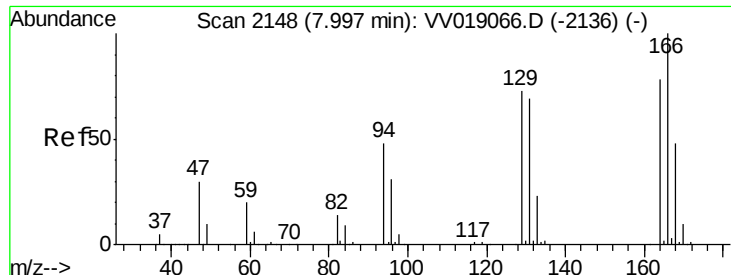
Ion 130.00 (129.70 to 130.70): VV019066.D (-1495) (-)

5.94

Time-->

5.90 5.95 6.00





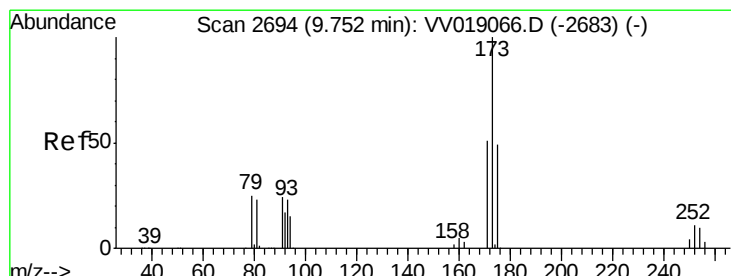
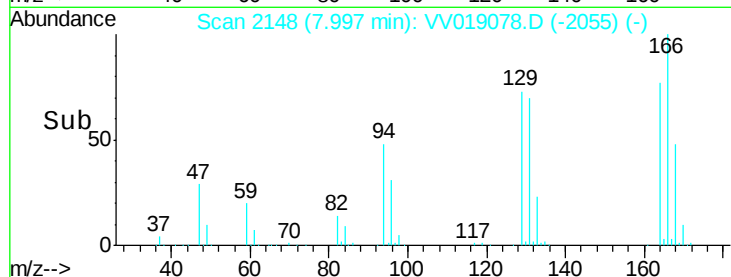
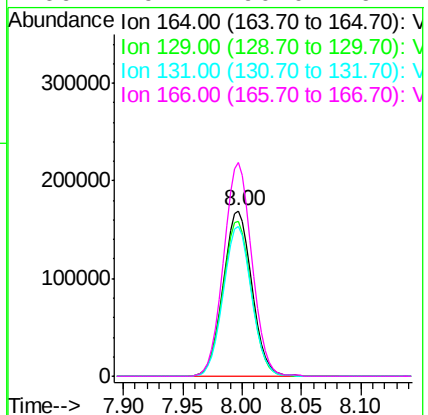
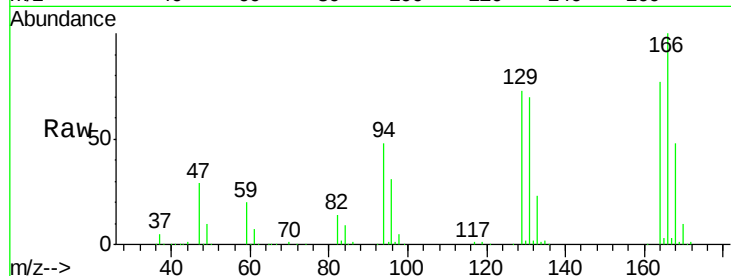
#46
Tetrachloroethene
Concen: 166.377 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019078.D
Acq: 22 Oct 2020 19:23

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Tot Ion	Ratio	Resp	Lower	Upper
164	100	282904		
129	94.0	65.5	121.6	
131	90.6	62.4	115.8	
166	129.1	90.0	167.2	

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#61
Bromoform
Concen: 2.979 ug/L
RT: 9.75 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VV019078.D
Acq: 22 Oct 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	4523		
175	48.6	38.3	57.5	
254	11.9	8.3	12.5	

