

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019058.D
 Acq On : 21 Oct 2020 18:54
 Operator : SY/MD
 Sample : L4471-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z8

Quant Time: Oct 22 08:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122063	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.58	69	108010	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.26%
11) 1,1-Dichloroethene-d2	2.12	63	186698	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
21) 2-Butanone-d5	3.91	46	157630	88.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.97%
24) Chloroform-d	4.37	84	220540	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.06	65	167605	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
32) Benzene-d6	5.08	84	475140	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
36) 1,2-Dichloropropane-d6	6.09	67	121799	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	343931	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.64	79	62810	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
47) 2-Hexanone-d5	8.11	63	81195	78.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149345	45.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	140429	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

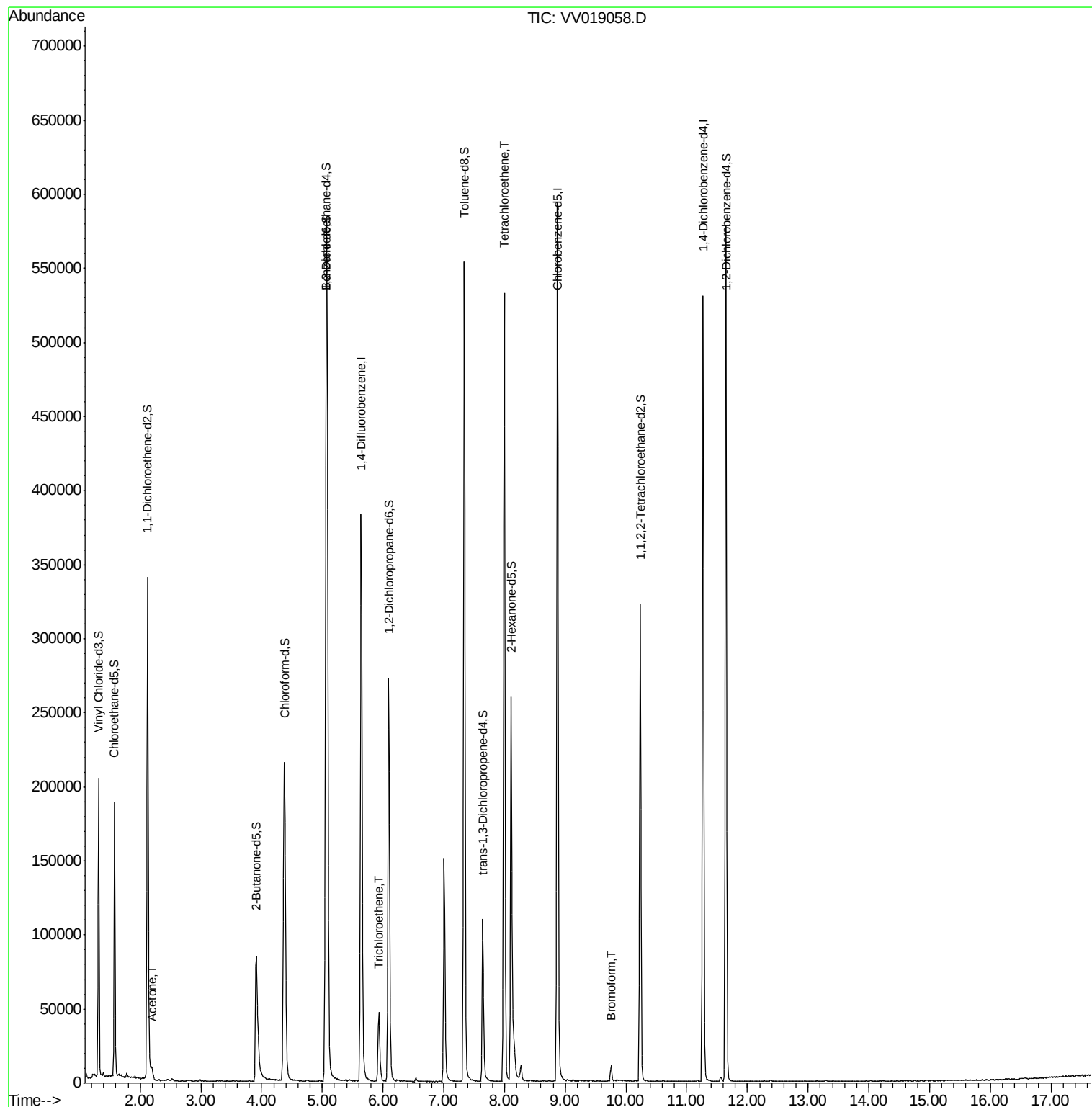
					Ovalue
13) Acetone	2.19	43	10070	7.778	ug/L 100
34) Trichloroethene	5.94	95	3722	1.416	ug/L 89
46) Tetrachloroethene	8.00	164	116098	62.692	ug/L 99
61) Bromoform	9.76	173	4730	3.287	ug/L # 95

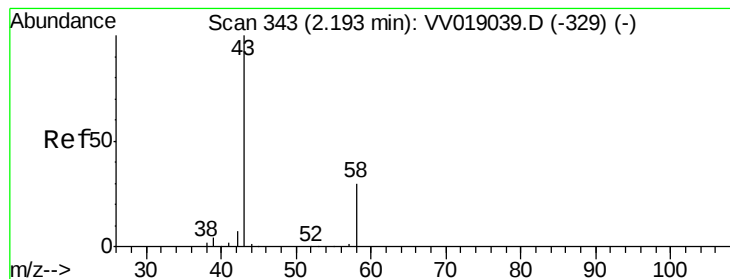
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.778 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV019058.D

Acq: 21 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

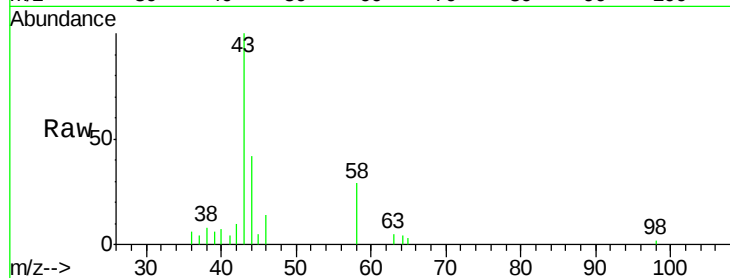
BG3Z8

Tot Ion: 43 Resp: 10070

Ion Ratio Lower Upper

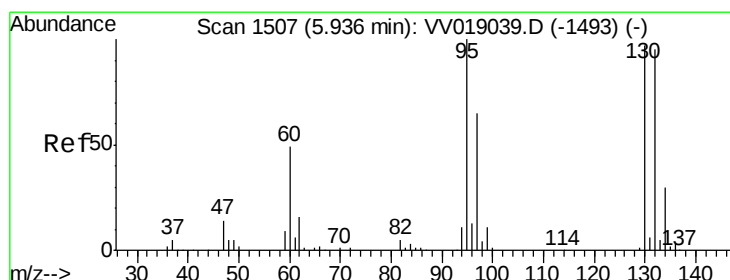
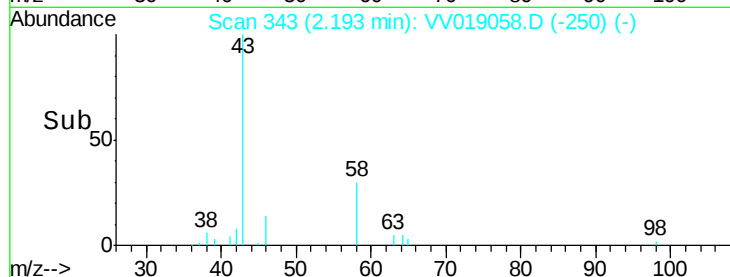
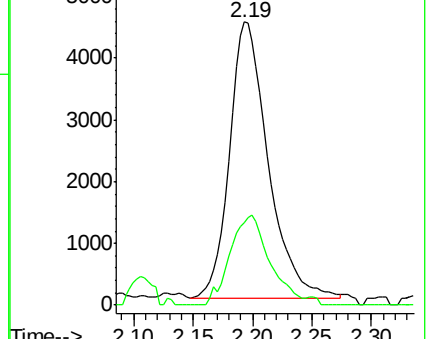
43 100

58 29.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV019039.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019039.D (-329) (-)



#34

Trichloroethene

Concen: 1.416 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019058.D

Acq: 21 Oct 2020 18:54

Tgt Ion: 95 Resp: 3722

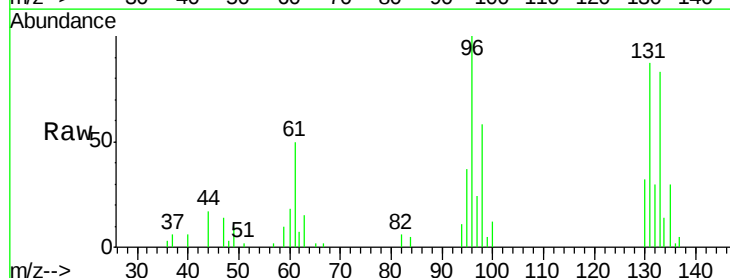
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 81.7 67.0 124.4

130 86.9 70.8 131.6

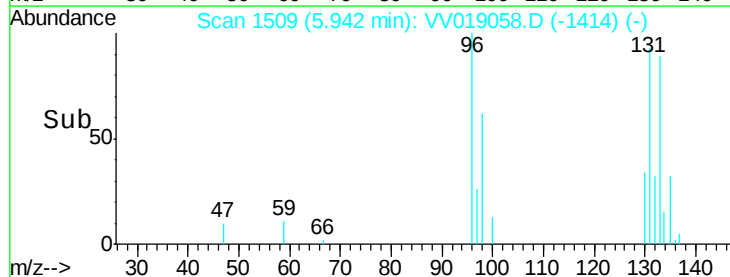
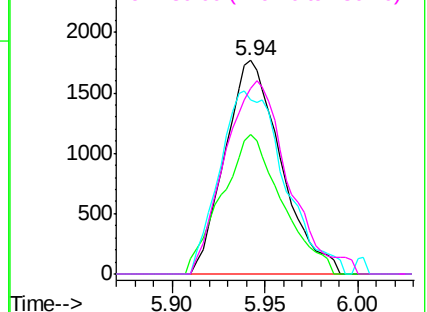


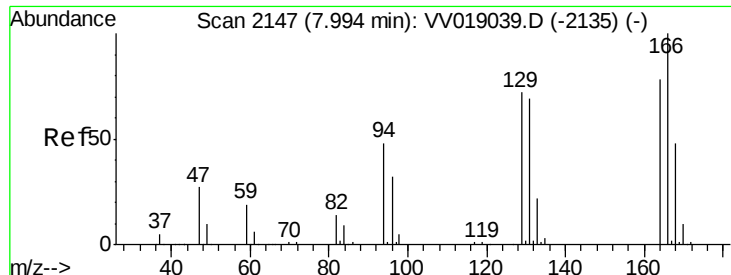
Abundance Ion 95.00 (94.70 to 95.70): VV019039.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV019039.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV019039.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV019039.D (-1493) (-)

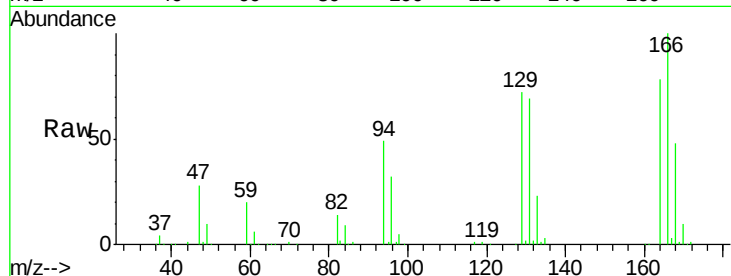




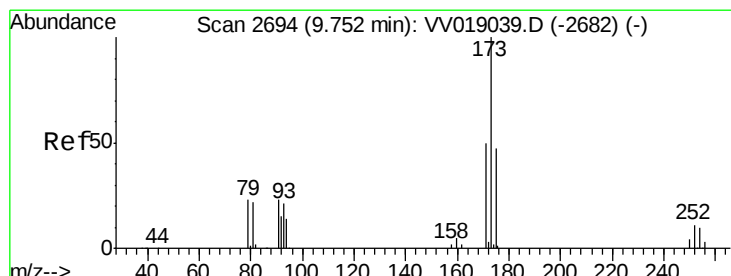
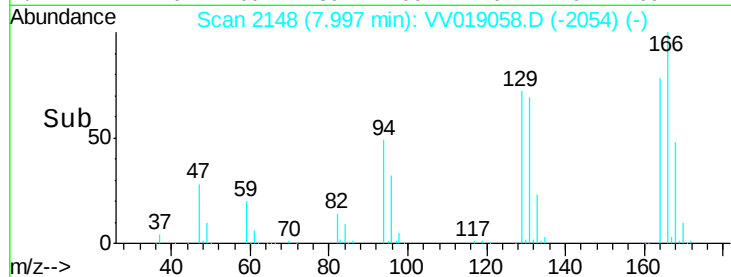
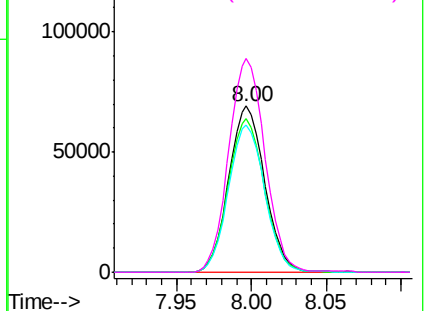
#46
Tetrachloroethene
Concen: 62.692 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
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Tot Ion:164 Resp: 116098
Ion Ratio Lower Upper
164 100
129 92.4 65.0 120.8
131 89.2 62.9 116.7
166 128.8 91.1 169.3

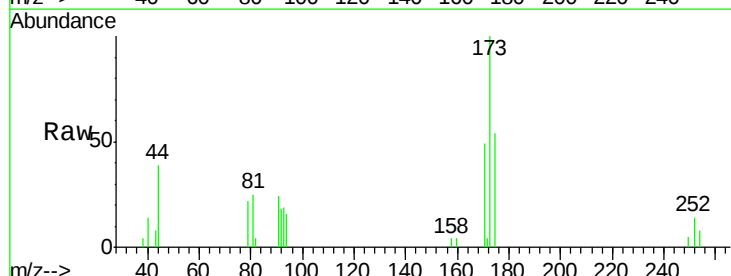


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#61
Bromoform
Concen: 3.287 ug/L
RT: 9.76 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VV019058.D
Acq: 21 Oct 2020 18:54

Tgt Ion:173 Resp: 4730
Ion Ratio Lower Upper
173 100
175 50.4 38.2 57.2
254 6.4 8.6 13.0#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

