

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018180.D
 Acq On : 10 Sep 2020 15:01
 Operator : SY/MD
 Sample : L3957-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ2

Quant Time: Sep 11 03:08:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292312	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104126	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.58	69	90092	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.12	63	150690	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	3.91	46	146206	100.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.27%
24) Chloroform-d	4.38	84	189083	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	132653	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.08	84	395394	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.09	67	127761	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.34	98	353755	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.64	79	62287	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
47) 2-Hexanone-d5	8.11	63	95103	95.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165219	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	152291	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

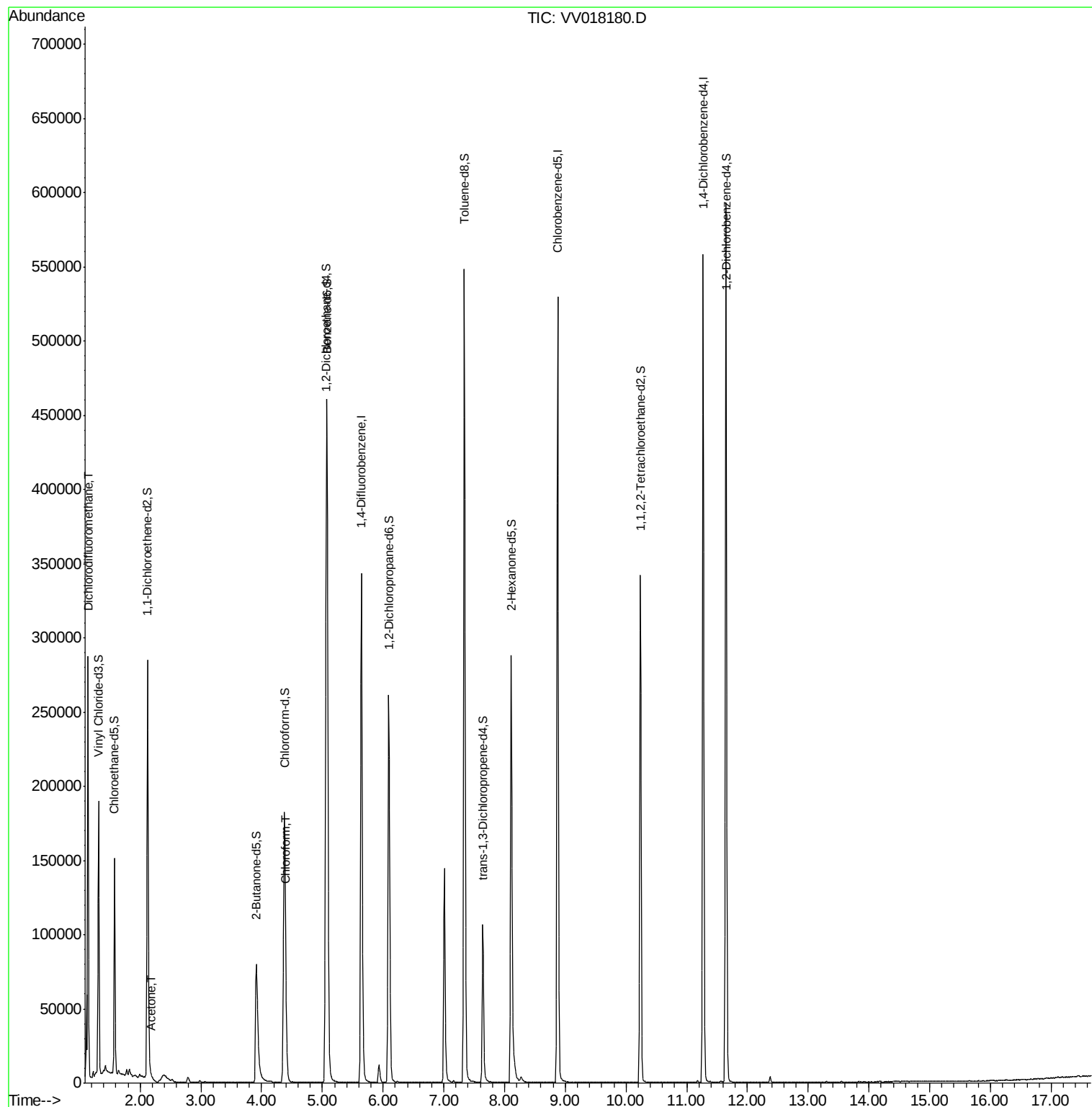
					Ovalue
2) Dichlorodifluoromethane	1.14	85	5159	2.420 ug/L	98
13) Acetone	2.19	43	2900	2.484 ug/L	98
25) Chloroform	4.41	83	9153	2.408 ug/L	95

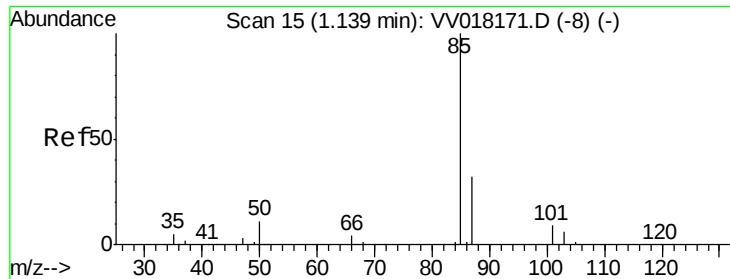
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.420 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV018180.D

Acq: 10 Sep 2020 15:01

Instrument :

MSVOA_V

ClientSampled :

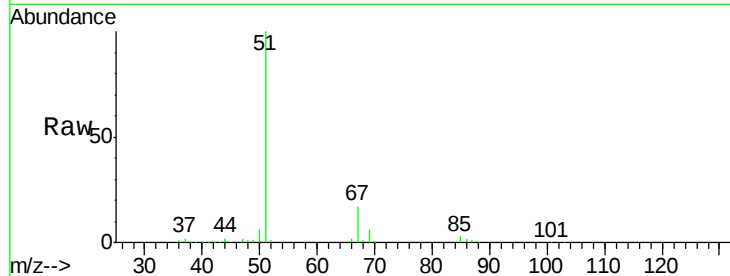
BFWZ2

Tot Ion: 85 Resp: 5159

Ion Ratio Lower Upper

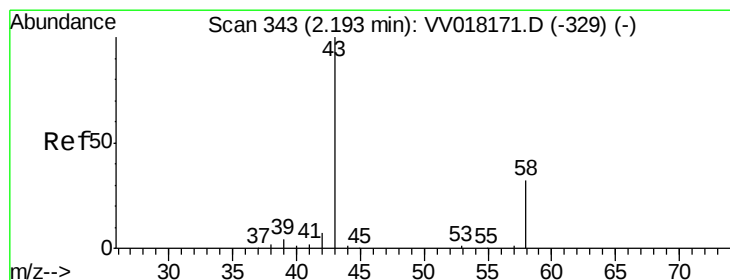
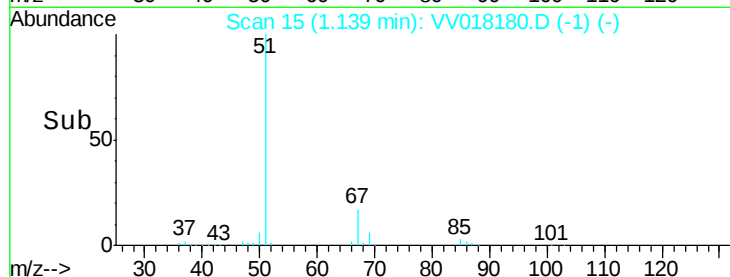
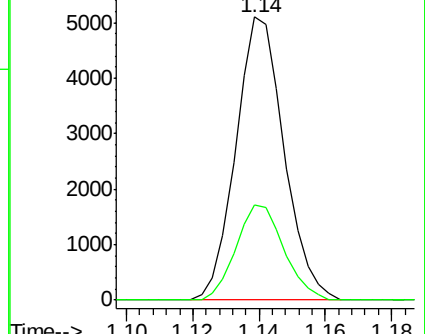
85 100

87 33.5 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 2.484 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV018180.D

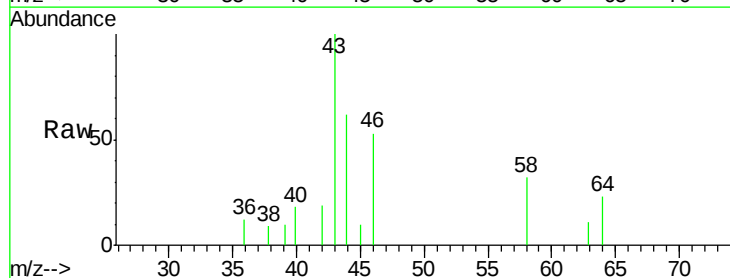
Acq: 10 Sep 2020 15:01

Tgt Ion: 43 Resp: 2900

Ion Ratio Lower Upper

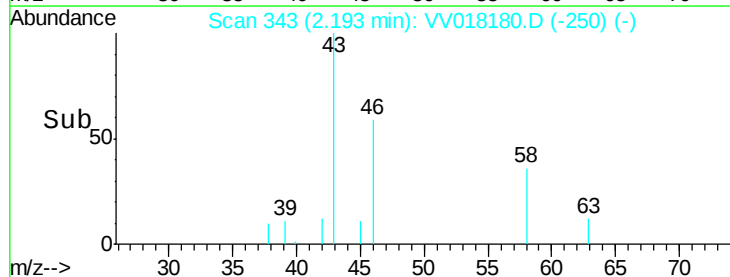
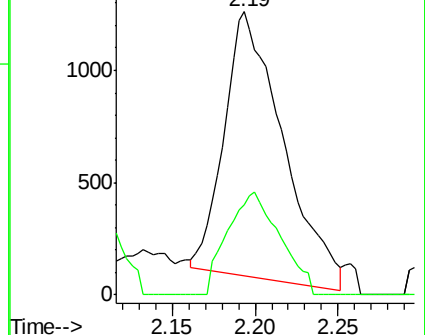
43 100

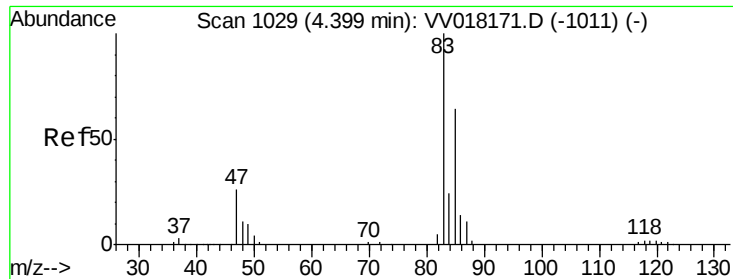
58 34.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 2.408 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

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Tot Ion: 83 Resp: 9153

Ion Ratio Lower Upper

83 100

85 68.2 45.0 83.6

