

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018537.D
 Acq On : 29 Sep 2020 23:47
 Operator : SY/MD
 Sample : L4149-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R7

Quant Time: Sep 30 04:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	396380	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106384	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.52%
7) Chloroethane-d5	1.58	69	98461	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.12	63	170261	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
21) 2-Butanone-d5	3.91	46	178069	102.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.69%
24) Chloroform-d	4.38	84	229384	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.06	65	156606	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.08	84	480504	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
36) 1,2-Dichloropropane-d6	6.09	67	149280	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.34	98	439180	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%
43) trans-1,3-Dichloropropene-	7.64	79	71946	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.11	63	96300	87.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172025	44.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	191945	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%

Target Compounds

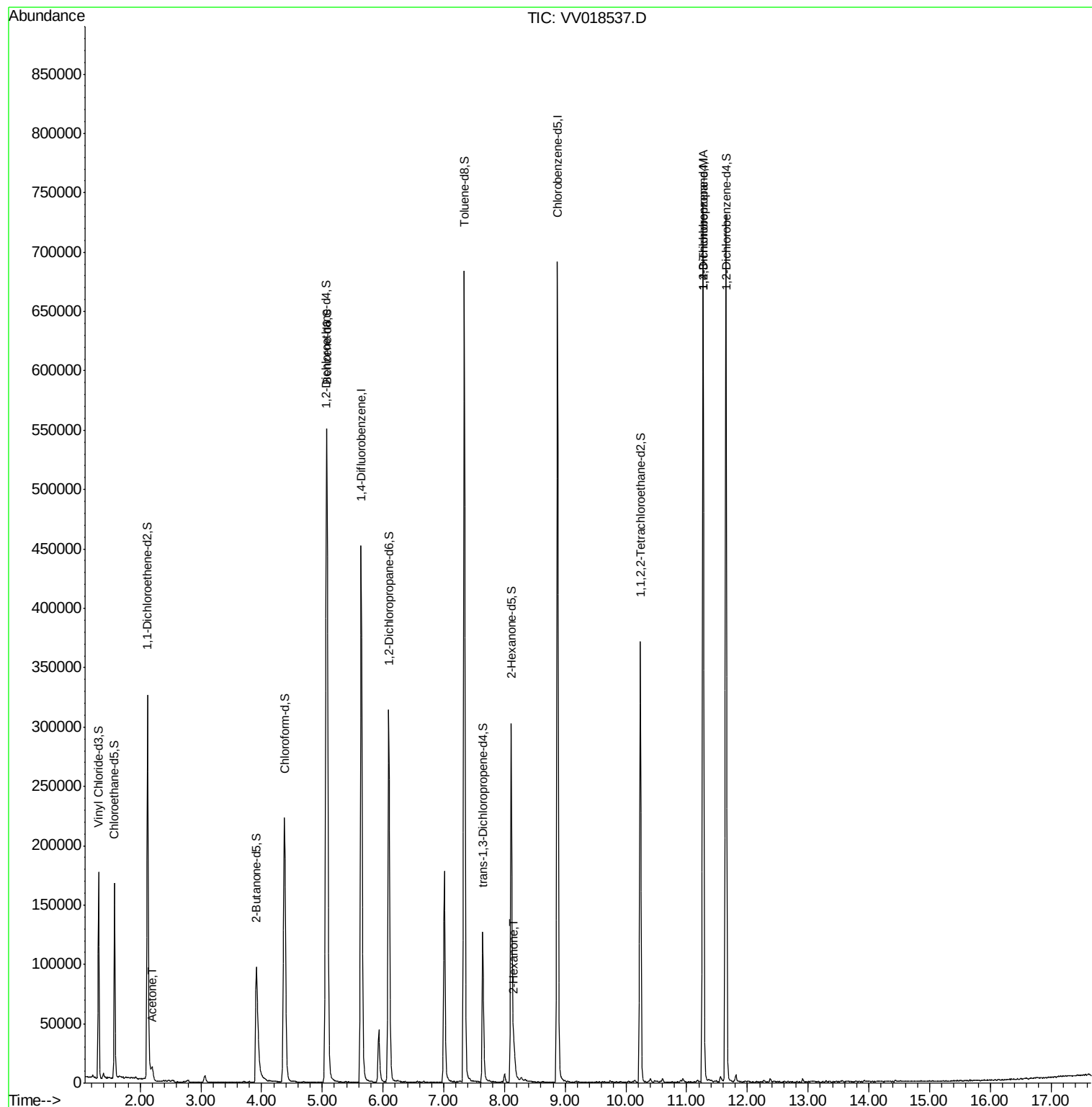
					Ovalue
13) Acetone	2.20	43	16789	11.207 ug/L	99
48) 2-Hexanone	8.16	43	14096	4.895 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	20851	5.993 ug/L #	86

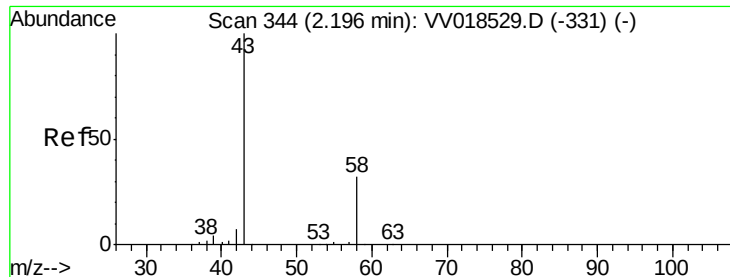
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.207 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018537.D

Acq: 29 Sep 2020 23:47

Instrument :

MSVOA_V

ClientSampleId :

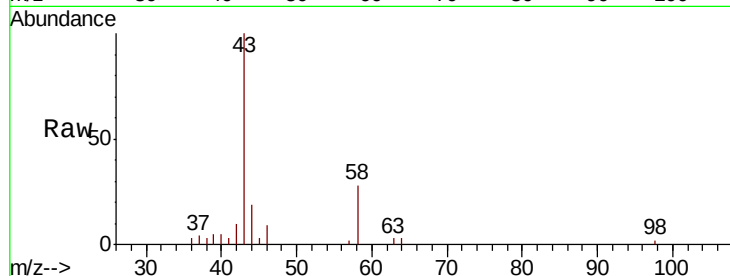
BG3R7

Tot Ion: 43 Resp: 16789

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

8000

6000

4000

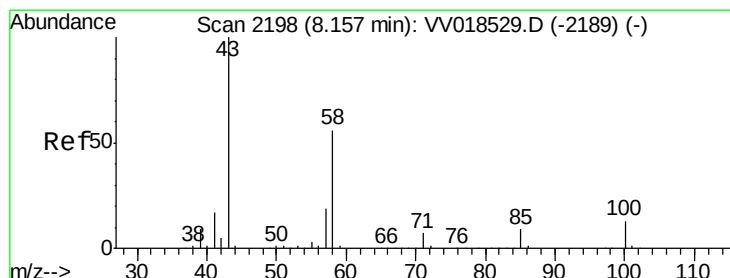
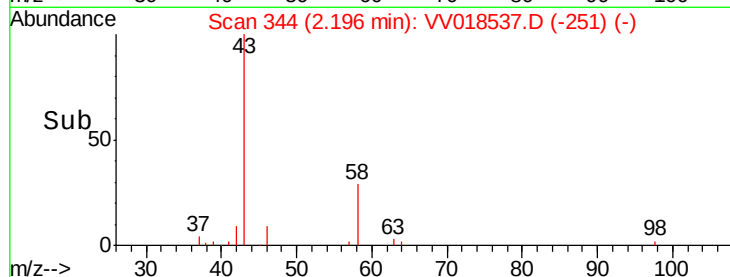
2000

0

Time-->

2.10 2.15 2.20 2.25 2.30

2.20



#48

2-Hexanone

Concen: 4.895 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018537.D

Acq: 29 Sep 2020 23:47

Tgt Ion: 43 Resp: 14096

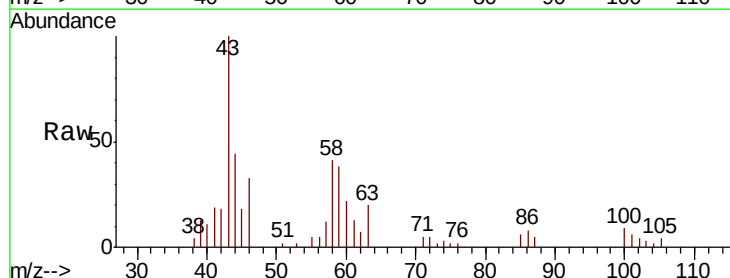
Ion Ratio Lower Upper

43 100

58 43.8 45.1 67.7#

57 2.2 15.7 23.5#

100 7.8 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

10000

8000

6000

4000

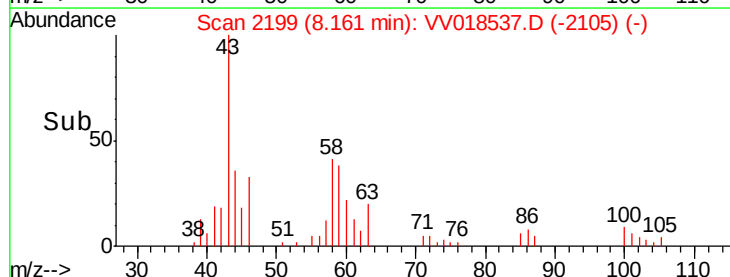
2000

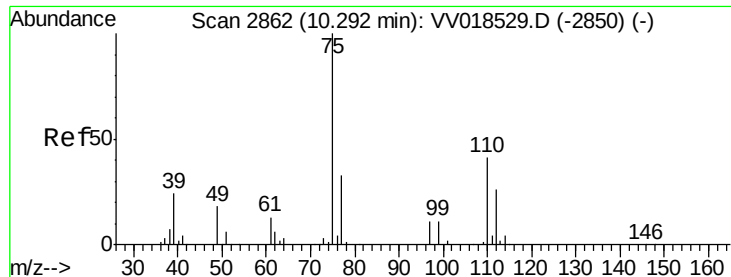
0

Time-->

8.10 8.15 8.20 8.25

8.16





#59

1,2,3-Trichloropropane

Concen: 5.993 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018537.D

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Tot Ion: 75 Resp: 20851

Ion Ratio Lower Upper

75 100

77 39.2 25.4 38.0#

