

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018587.D
 Acq On : 01 Oct 2020 13:26
 Operator : SY/MD
 Sample : L4144-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL9

Quant Time: Oct 01 23:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308162	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150121	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73318	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.58	69	74490	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.12	63	130719	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	3.91	46	145637	108.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.03%
24) Chloroform-d	4.38	84	189691	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	5.06	65	131591	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.08	84	363750	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
36) 1,2-Dichloropropane-d6	6.09	67	116809	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.34	98	338686	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.64	79	60681	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.88%
47) 2-Hexanone-d5	8.11	63	80112	90.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145546	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	156556	54.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.46%

Target Compounds

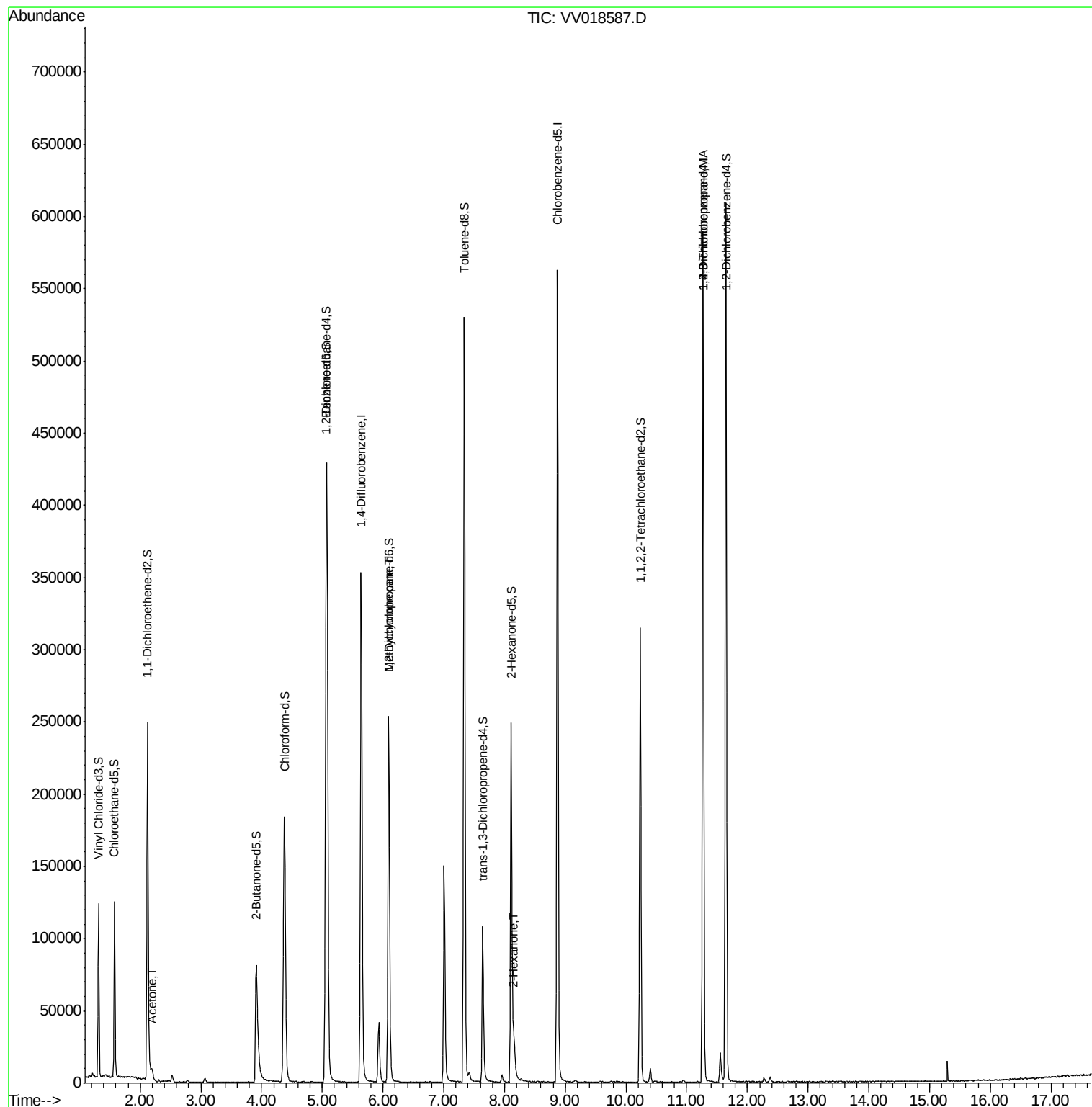
					Ovalue
13) Acetone	2.19	43	11546	9.913 ug/L	98
35) Methylcyclohexane	6.09	83	28688	8.144 ug/L #	19
48) 2-Hexanone	8.16	43	14730	6.340 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	16591	5.911 ug/L	90

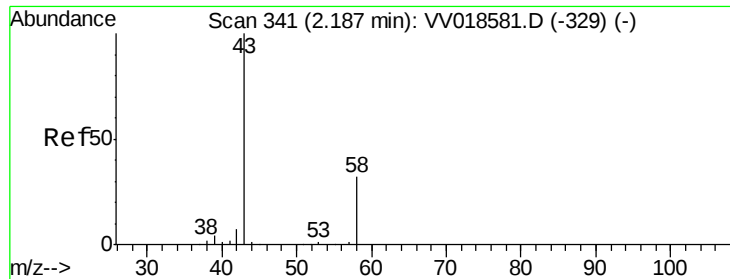
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.913 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018587.D

Acq: 01 Oct 2020 13:26

Instrument :

MSVOA_V

ClientSampled :

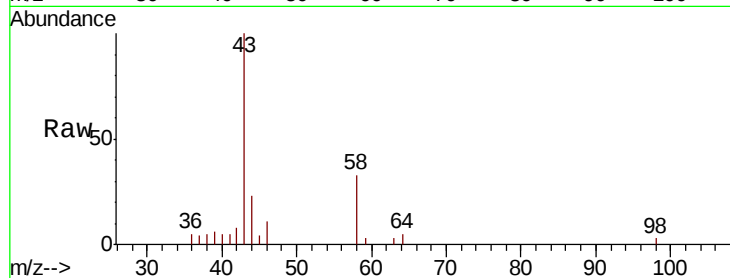
C0AL9

Tot Ion: 43 Resp: 11546

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018581.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018581.D (-329) (-)

2.19

4000

3000

2000

1000

0

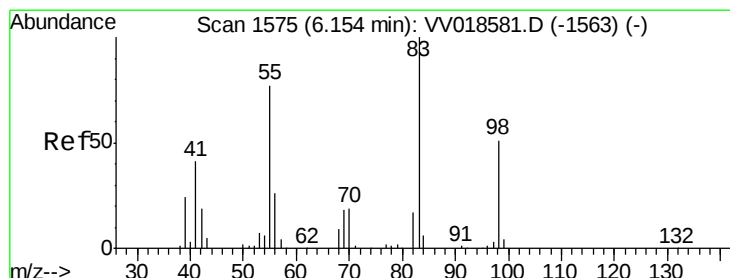
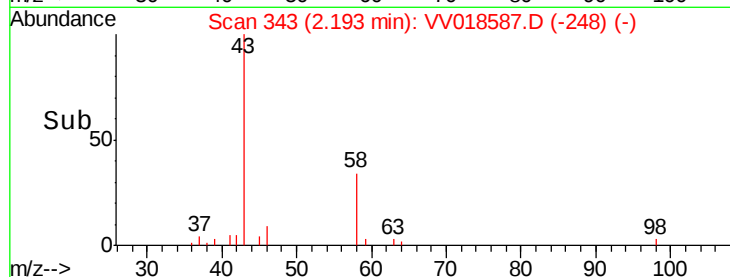
Time-->

2.10

2.15

2.20

2.25



#35

Methylcyclohexane

Concen: 8.144 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018587.D

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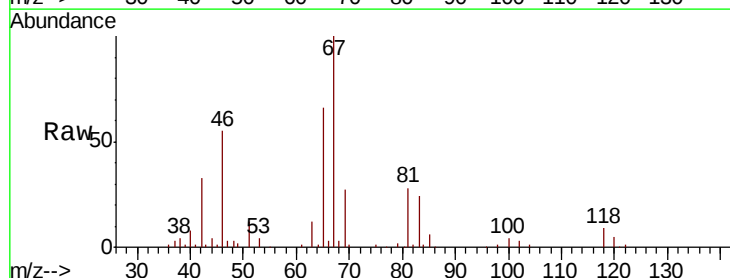
Tgt Ion: 83 Resp: 28688

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

98 1.4 40.2 60.4#



Abundance Ion 83.00 (82.70 to 83.70): VV018581.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV018581.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV018581.D (-1563) (-)

6.09

15000

10000

5000

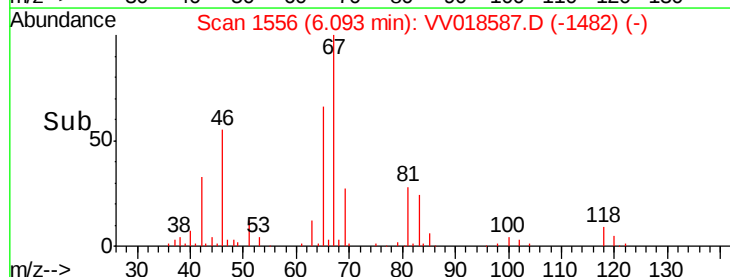
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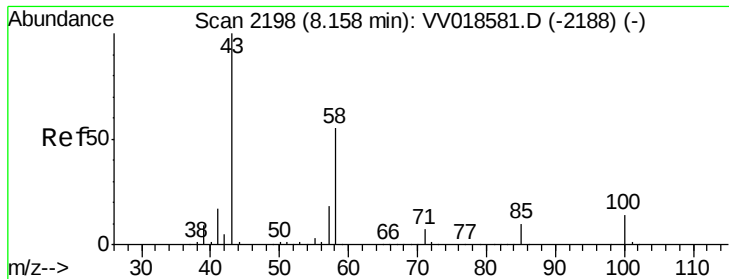
Time-->

6.05

6.10

6.15

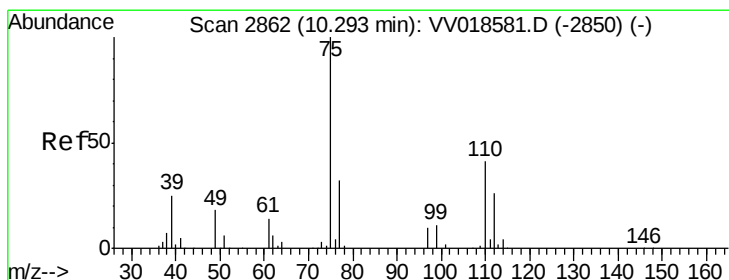
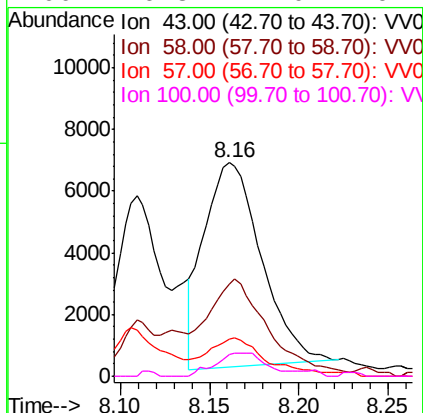
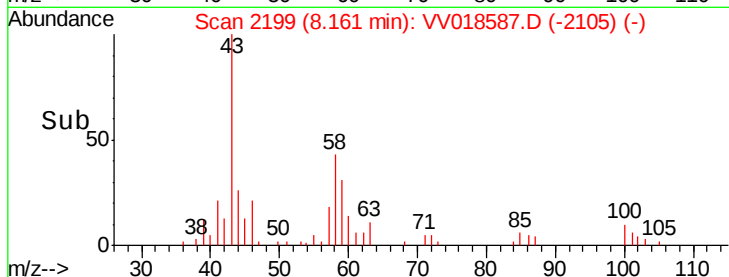
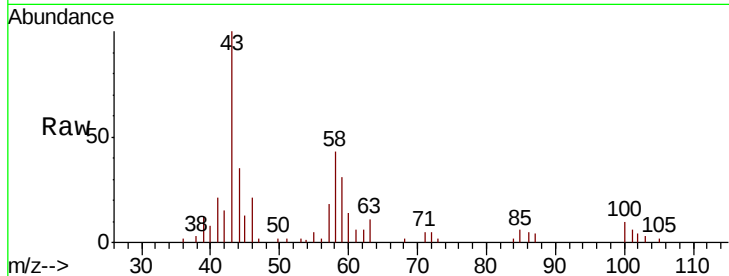




#48
2-Hexanone
Concen: 6.340 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018587.D
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Instrument :
MSVOA_V
ClientSampled :
C0AL9

Tot Ion: 43 Resp: 14730
Ion Ratio Lower Upper
43 100
58 44.6 45.1 67.7#
57 10.5 15.7 23.5#
100 6.8 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.911 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018587.D
Acq: 01 Oct 2020 13:26

Tgt Ion: 75 Resp: 16591
Ion Ratio Lower Upper
75 100
77 37.2 25.4 38.0

