

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018564.D
 Acq On : 30 Sep 2020 13:07
 Operator : SY/MD
 Sample : L4149-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R9

Quant Time: Oct 01 07:41:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318293	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80467	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.58	69	80607	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.44%
11) 1,1-Dichloroethene-d2	2.12	63	139765	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	3.91	46	134487	96.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.38	84	188542	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.06	65	127805	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.08	84	378871	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.09	67	117991	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.34	98	348922	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.64	79	59518	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.11	63	73413	80.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133332	42.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	155544	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

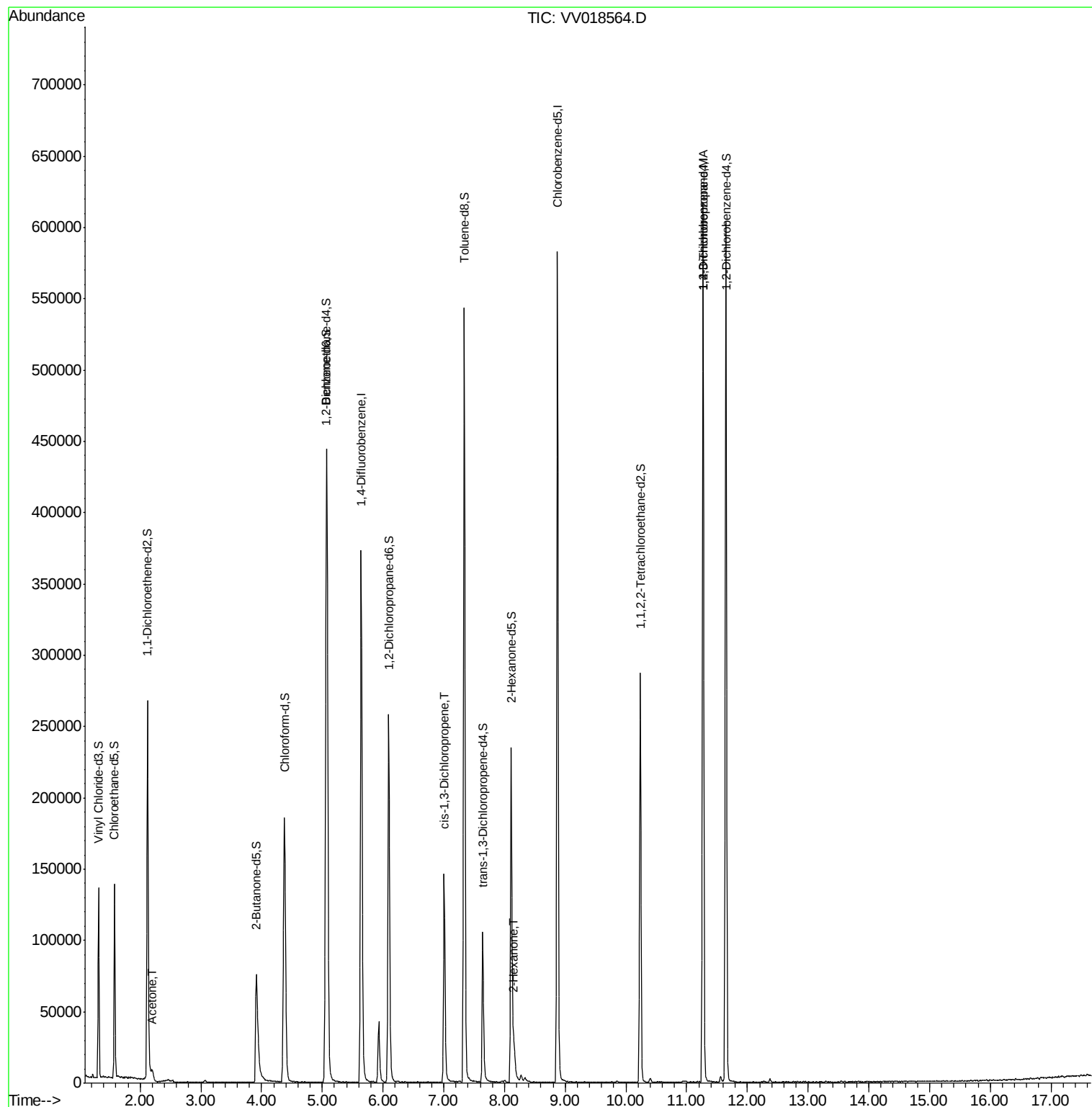
					Ovalue
13) Acetone	2.20	43	11687	9.715 ug/L	66
39) cis-1,3-Dichloropropene	7.01	75	3905	1.058 ug/L #	75
48) 2-Hexanone	8.16	43	13227	5.584 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	18432	6.440 ug/L #	88

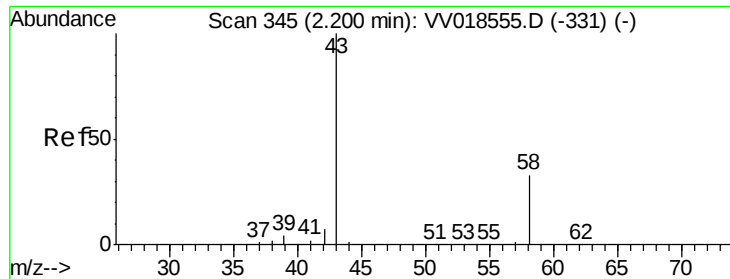
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.715 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018564.D

Acq: 30 Sep 2020 13:07

Instrument :

MSVOA_V

ClientSampled :

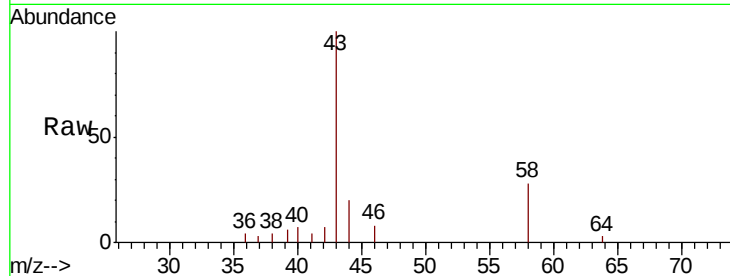
BG3R9

Tot Ion: 43 Resp: 11687

Ion Ratio Lower Upper

43 100

58 13.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018555.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV018555.D (-331) (-)

2.20

5000

4000

3000

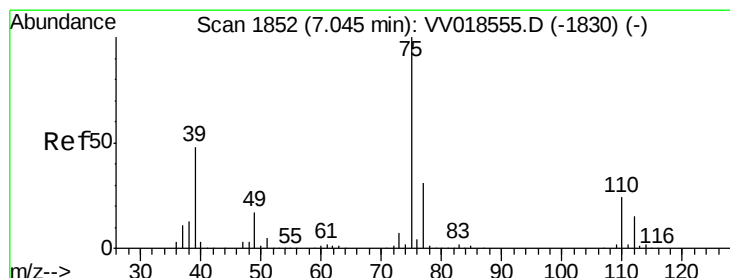
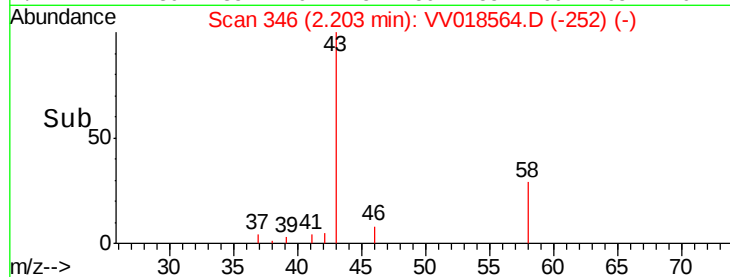
2000

1000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018564.D

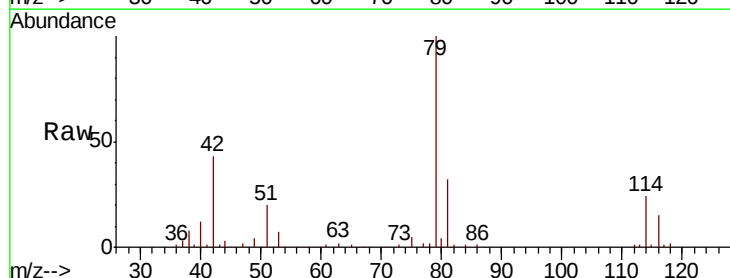
Acq: 30 Sep 2020 13:07

Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

77 46.9 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018555.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV018555.D (-1830) (-)

7.01

2500

2000

1500

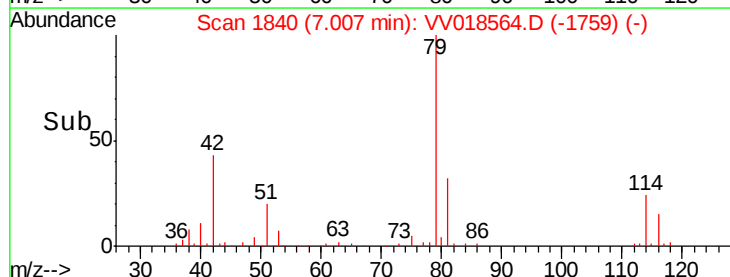
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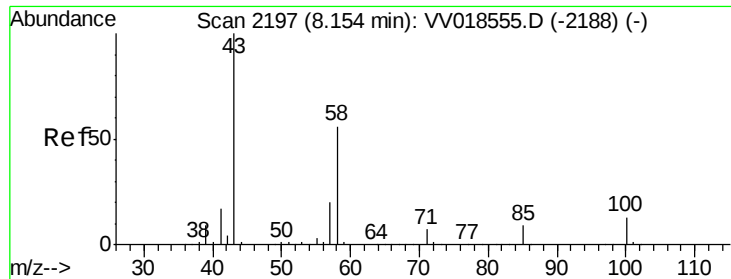
500

0

Time-->

6.95 7.00 7.05

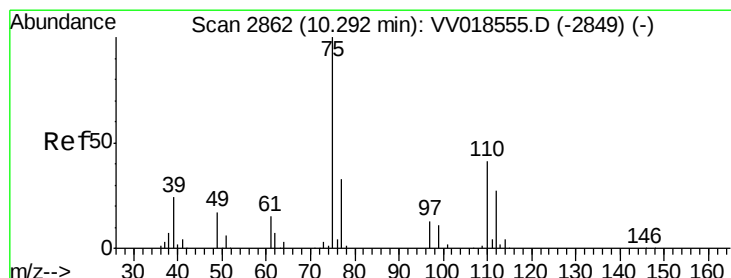
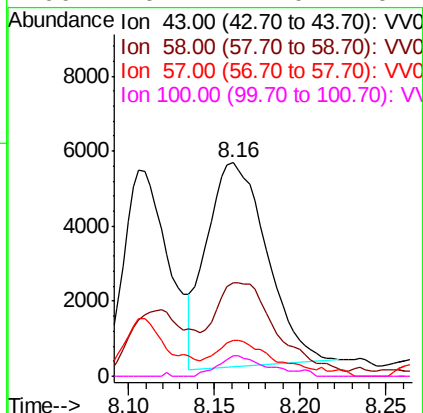
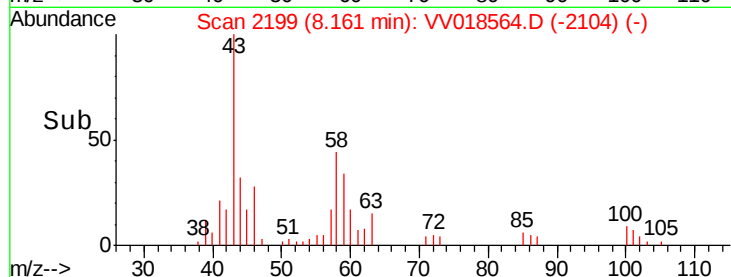
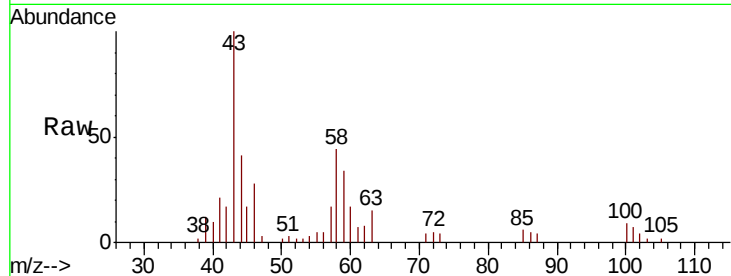




#48
2-Hexanone
Concen: 5.584 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
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Instrument :
MSVOA_V
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BG3R9

Tot Ion: 43 Resp: 13227
Ion Ratio Lower Upper
43 100
58 47.4 45.1 67.7
57 17.2 15.7 23.5
100 6.7 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.440 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018564.D
Acq: 30 Sep 2020 13:07

Tgt Ion: 75 Resp: 18432
Ion Ratio Lower Upper
75 100
77 38.1 25.4 38.0#

