

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018205.D
 Acq On : 14 Sep 2020 15:50
 Operator : SY/MD
 Sample : L4012-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR3

Quant Time: Sep 15 05:29:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294813	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92501	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	86188	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.12	63	142907	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	3.91	46	145269	98.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.38	84	196908	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.06	65	131853	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.08	84	389152	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	127656	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.34	98	345341	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.64	79	62445	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.22%
47) 2-Hexanone-d5	8.11	63	109919	107.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173513	51.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	150232	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%

Target Compounds

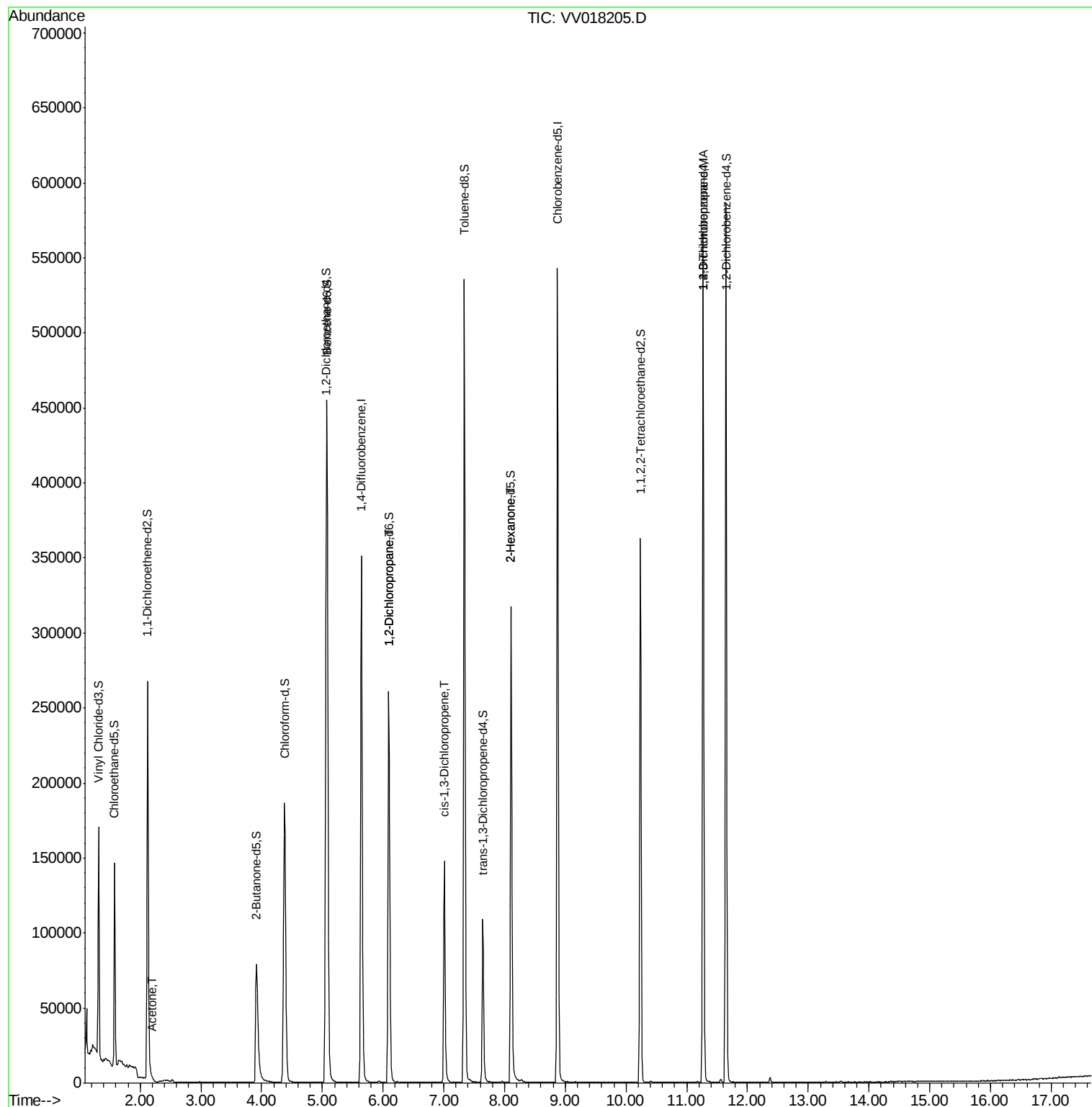
					Ovalue
13) Acetone	2.20	43	3301	2.803 ug/L	78
37) 1,2-Dichloropropane	6.10	63	14293	6.370 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3559	1.029 ug/L #	70
48) 2-Hexanone	8.11	43	13053	6.082 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	16485	6.246 ug/L	94

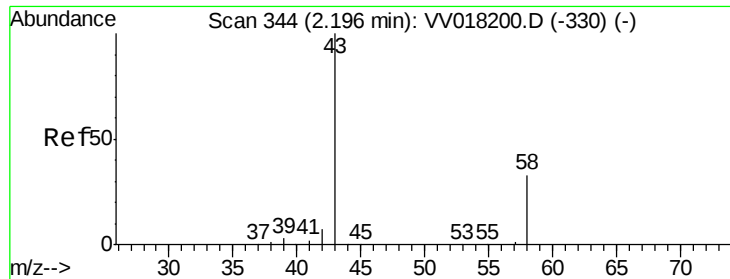
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.803 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018205.D

Acq: 14 Sep 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

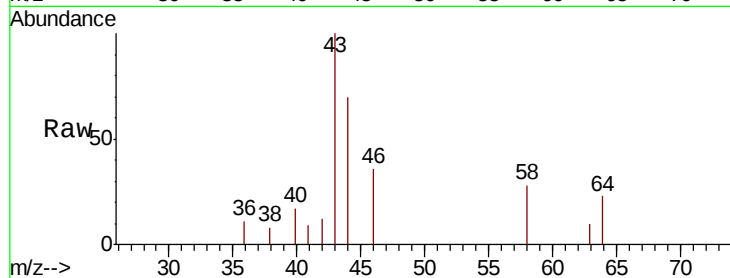
BFWR3

Tot Ion: 43 Resp: 3301

Ion Ratio Lower Upper

43 100

58 20.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018200.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018200.D (-330) (-)

2.20

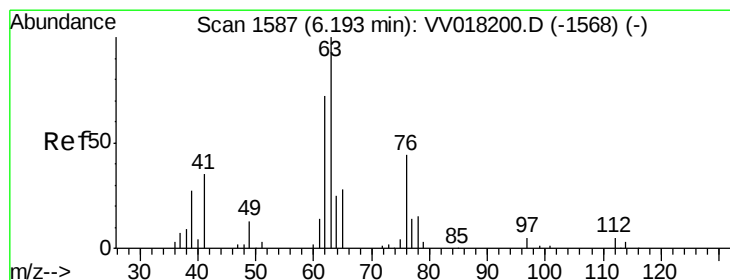
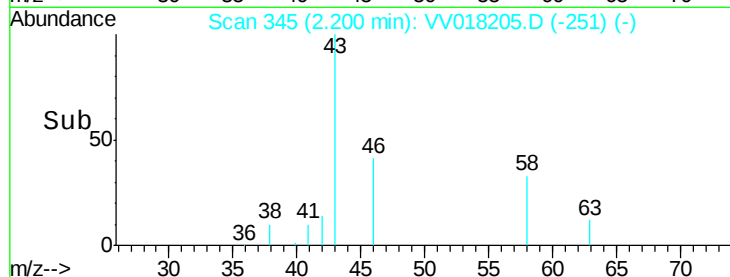
1000

500

0

Time-->

2.15 2.20 2.25



#37

1,2-Dichloropropane

Concen: 6.370 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018205.D

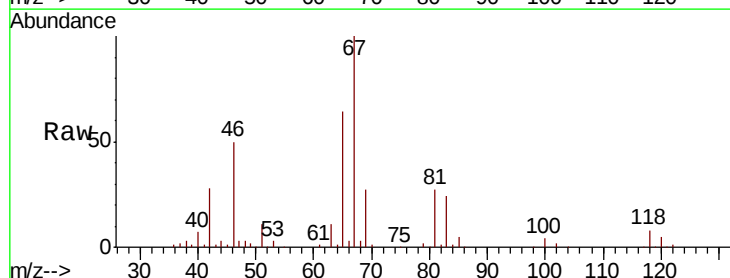
Acq: 14 Sep 2020 15:50

Tgt Ion: 63 Resp: 14293

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018205.D (-1494) (-)

Ion 112.00 (111.70 to 112.70): VV018205.D (-1494) (-)

6.10

8000

6000

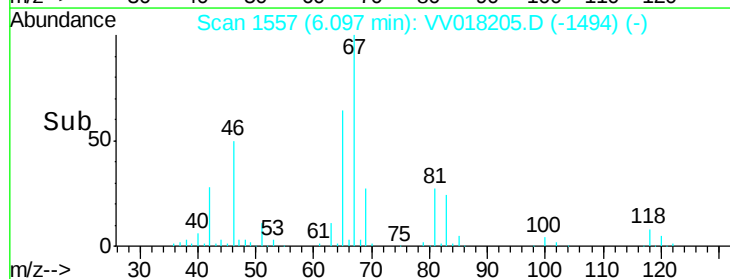
4000

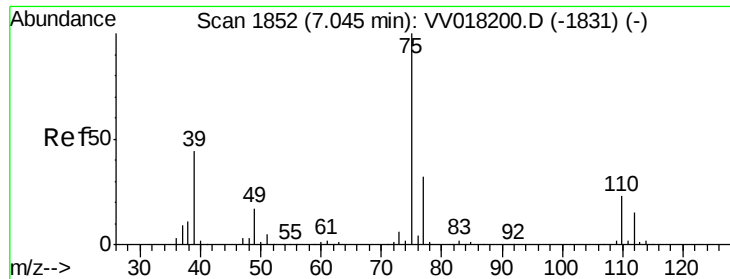
2000

0

Time-->

6.05 6.10 6.15

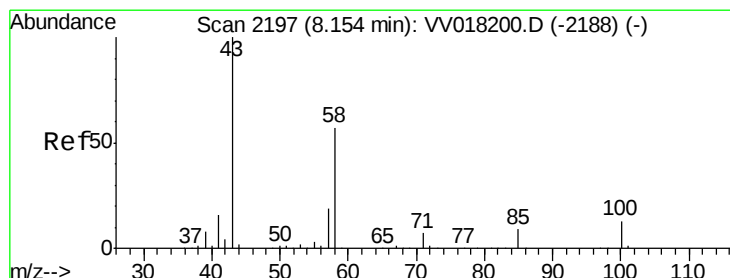
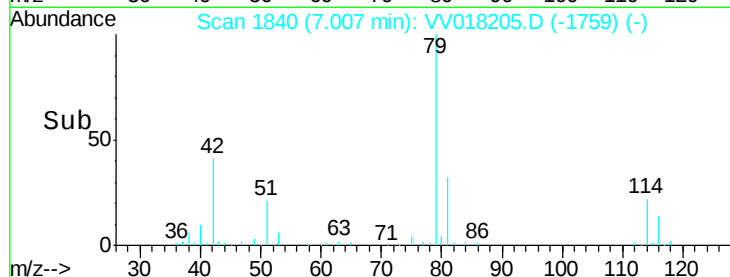
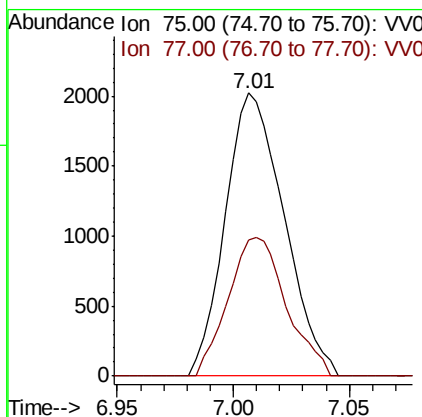
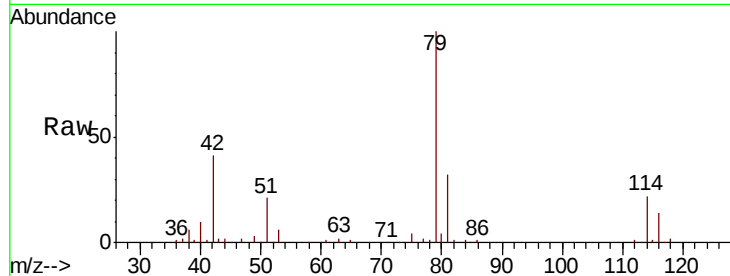




#39
 cis-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018205.D
 Acq: 14 Sep 2020 15:50

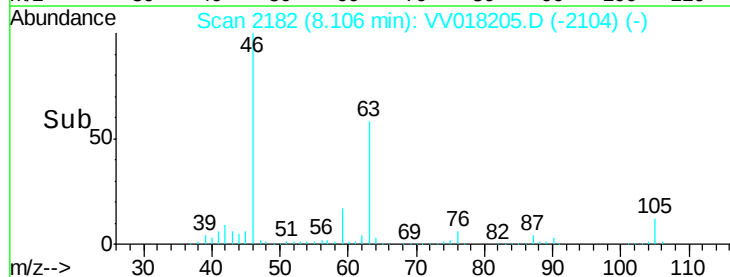
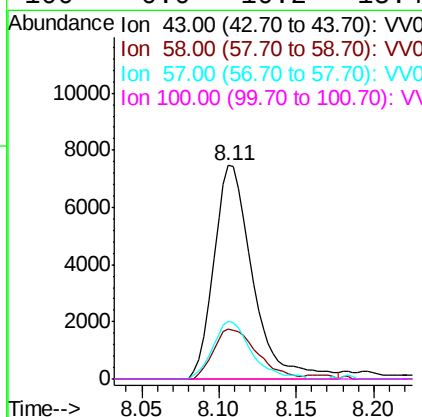
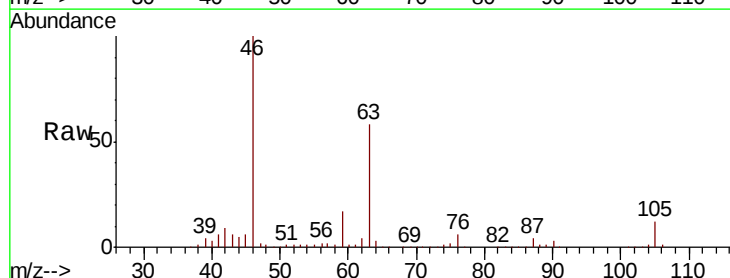
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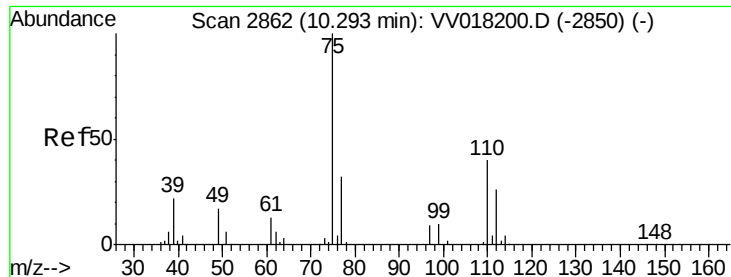
Tot Ion: 75 Resp: 3559
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 6.082 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV018205.D
 Acq: 14 Sep 2020 15:50

Tgt Ion: 43 Resp: 13053
 Ion Ratio Lower Upper
 43 100
 58 26.2 44.8 67.2#
 57 26.3 15.8 23.6#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.246 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018205.D

Acq: 14 Sep 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

BFWR3

Tot Ion: 75 Resp: 16485

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

