

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018527.D
 Acq On : 29 Sep 2020 19:28
 Operator : SY/MD
 Sample : L4171-15 20X
 Misc : 6.69g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y5

Quant Time: Sep 30 01:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	438453	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	418339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	220001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111612	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	92757	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.26%
11) 1,1-Dichloroethene-d2	2.12	63	165712	31.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.26%
21) 2-Butanone-d5	3.91	46	180092	93.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.89%
24) Chloroform-d	4.38	84	237066	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.06	65	162385	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
32) Benzene-d6	5.07	84	493926	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.09	67	152406	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.34	98	460205	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.64	79	77929	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.11	63	109131	89.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187715	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	202229	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

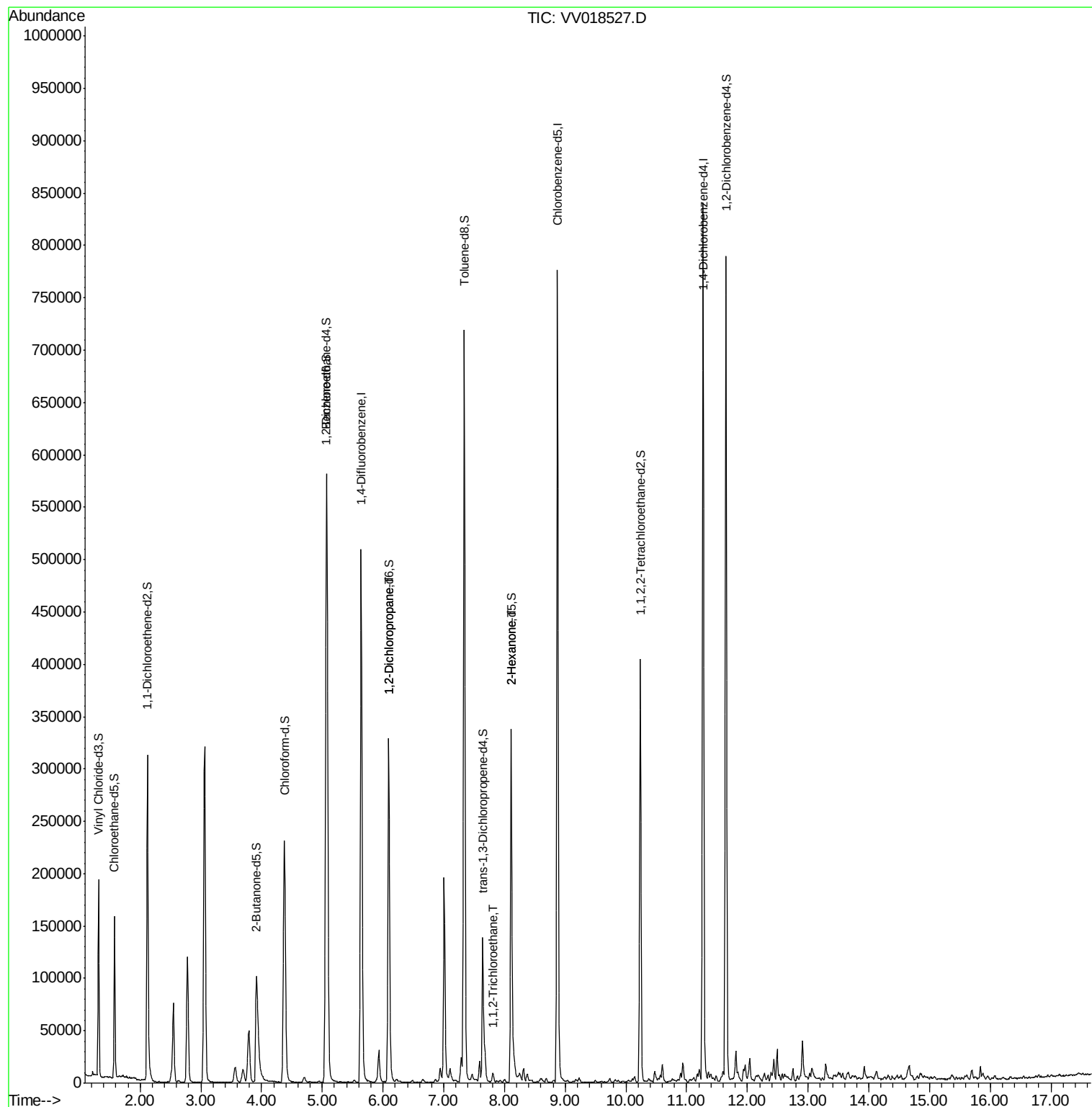
Target Compounds					Ovalue
37) 1,2-Dichloropropane	6.09	63	17232	5.465 ug/L #	87
45) 1,1,2-Trichloroethane	7.81	97	3187	1.021 ug/L #	20
48) 2-Hexanone	8.11	43	16664	5.249 ug/L #	64

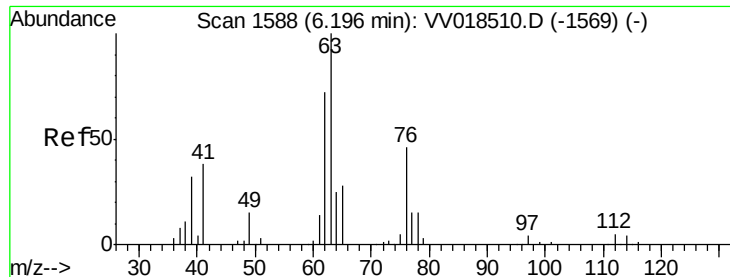
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 5.465 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018527.D

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Instrument :

MSVOA_V

ClientSampleId :

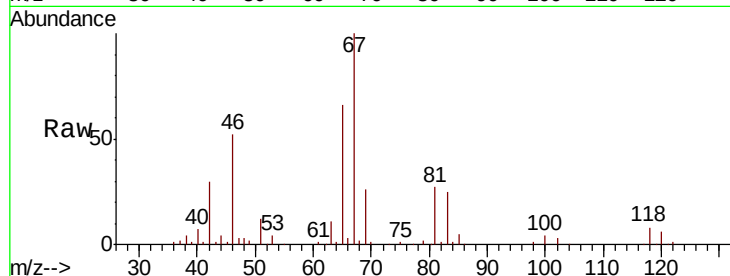
BG3Y5

Tot Ion: 63 Resp: 17232

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018510.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV018510.D (-1569) (-)

6.09

8000

6000

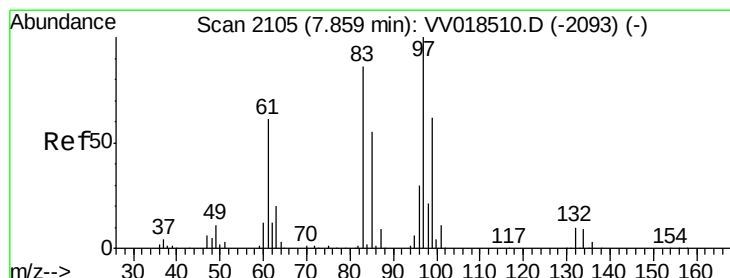
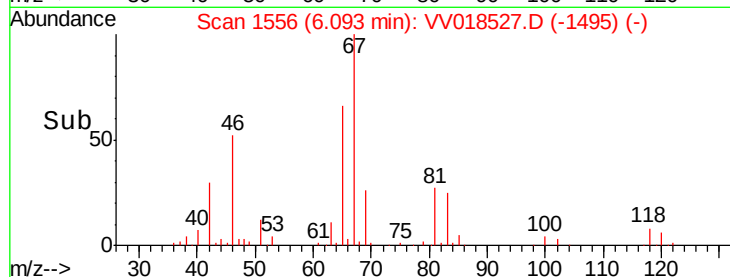
4000

2000

0

6.05 6.10 6.15

Time-->



#45

1,1,2-Trichloroethane

Concen: 1.021 ug/L

RT: 7.81 min Scan# 2089

Delta R.T. -0.05 min

Lab File: VV018527.D

Acq: 29 Sep 2020 19:28

Tgt Ion: 97 Resp: 3187

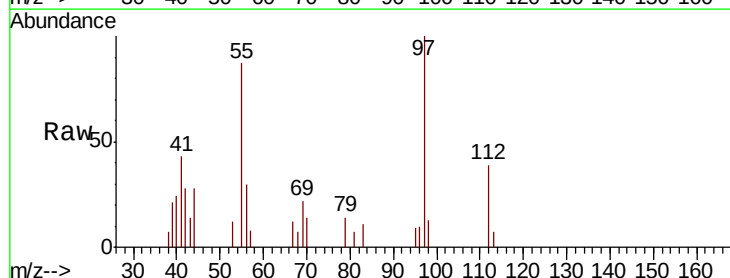
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 11.4 60.5 112.5#

85 0.0 38.3 71.1#



Abundance Ion 97.00 (96.70 to 97.70): VV018510.D (-2093) (-)

Ion 99.00 (98.70 to 99.70): VV018510.D (-2093) (-)

Ion 83.00 (82.70 to 83.70): VV018510.D (-2093) (-)

Ion 85.00 (84.70 to 85.70): VV018510.D (-2093) (-)

2500

2000

1500

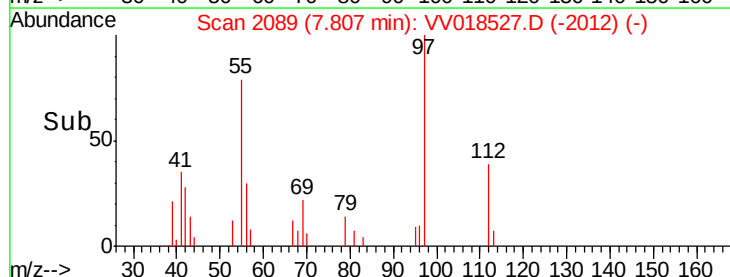
1000

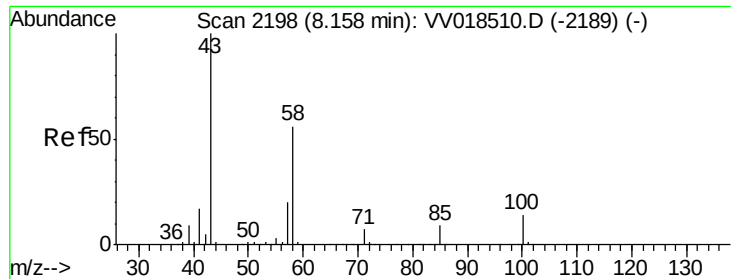
500

0

7.75 7.80 7.85

Time-->





#48

2-Hexanone

Concen: 5.249 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

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Tot Ion: 43 Resp: 16664

Ion Ratio Lower Upper

43 100

58 25.2 45.1 67.7#

57 29.4 15.7 23.5#

100 0.4 11.0 16.4#

