

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017567.D
 Acq On : 21 Jul 2020 16:33
 Operator : SY/MD
 Sample : VV0721WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Quant Time: Jul 22 03:27:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 03:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	329679	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313572	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153496	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98786	49.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	68378	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.90%
11) 1,1-Dichloroethene-d2	2.12	63	151514	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	3.91	46	162540	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.38	84	229080	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.05	65	164088	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.07	84	434134	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.09	67	130691	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.34	98	403781	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%
43) trans-1,3-Dichloropropene-	7.64	79	72394	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.50%
47) 2-Hexanone-d5	8.11	63	120550	104.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184807	51.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	174652	54.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.74%

Target Compounds

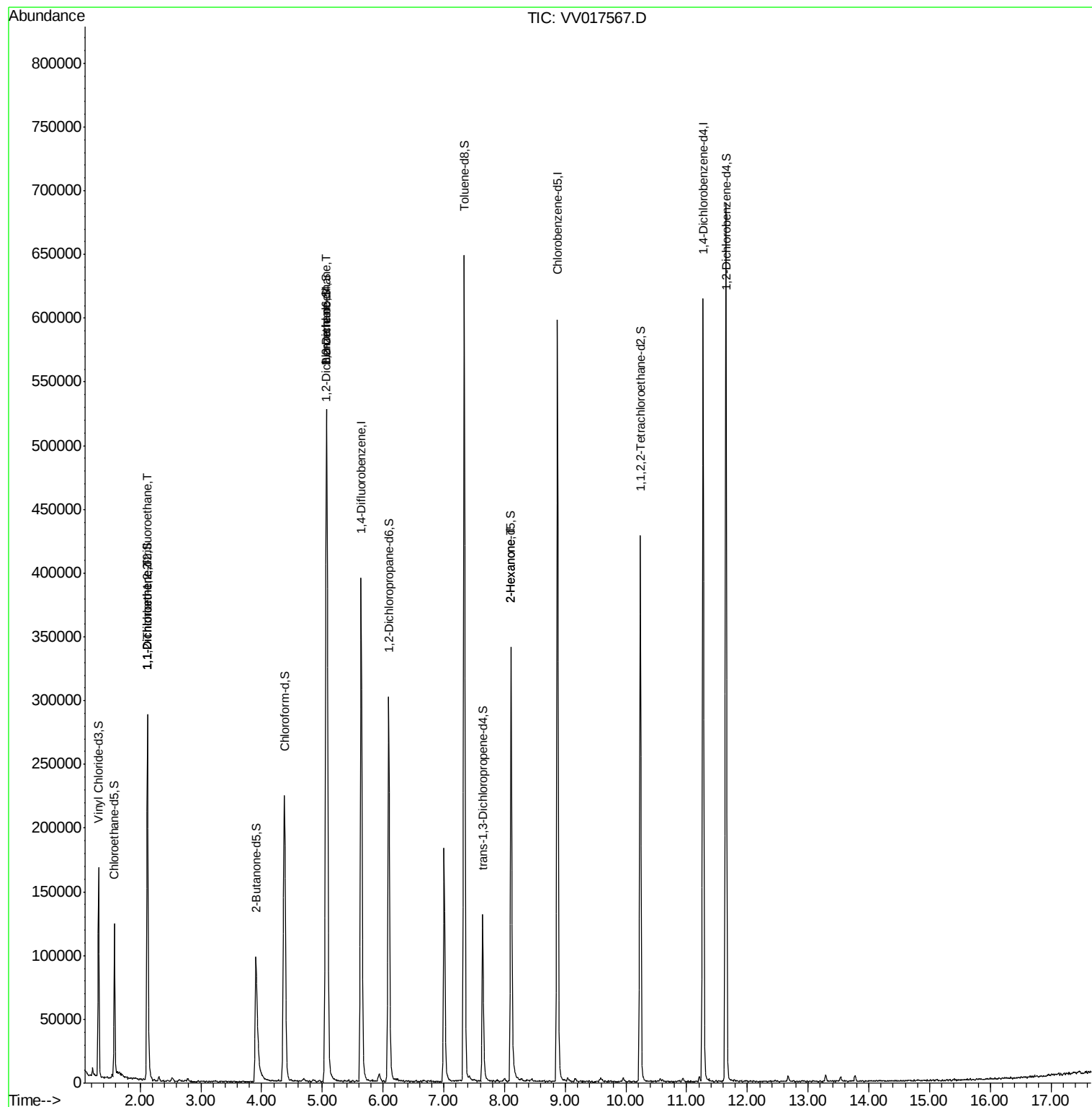
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1588	0.782 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1750	0.930 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	2818	0.726 ug/L	100
48) 2-Hexanone	8.11	43	14664	5.647 ug/L #	65

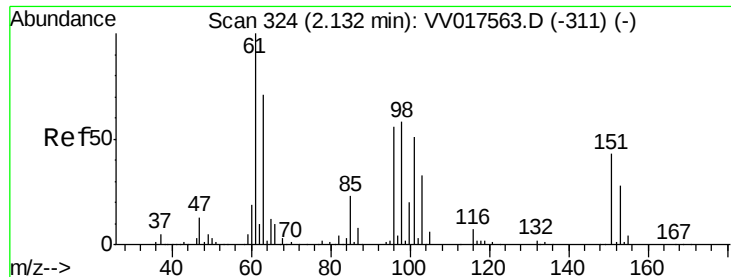
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 22 03:23:09 2020
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.782 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017567.D

Acq: 21 Jul 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

VBLK64

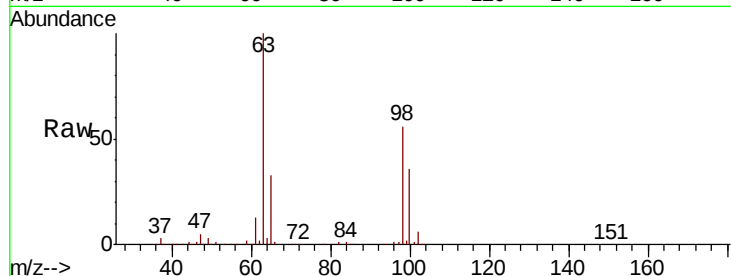
Tot Ion: 101 Resp: 1588

Ion Ratio Lower Upper

101 100

85 6.4 35.1 52.7#

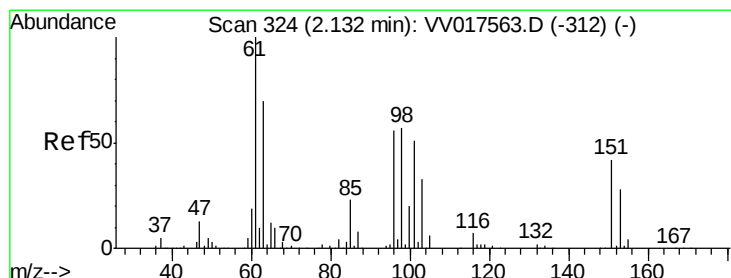
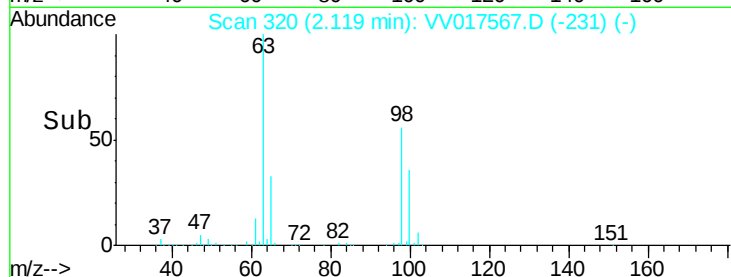
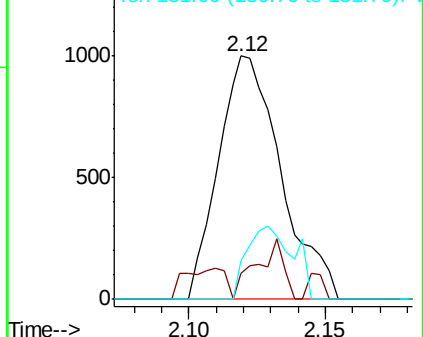
151 0.0 67.0 100.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.930 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017567.D

Acq: 21 Jul 2020 16:33

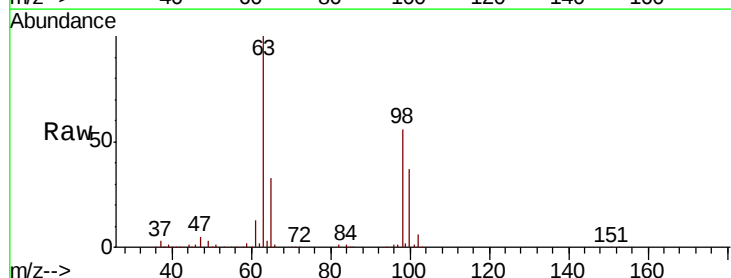
Tgt Ion: 96 Resp: 1750

Ion Ratio Lower Upper

96 100

61 1200.7 124.5 231.3#

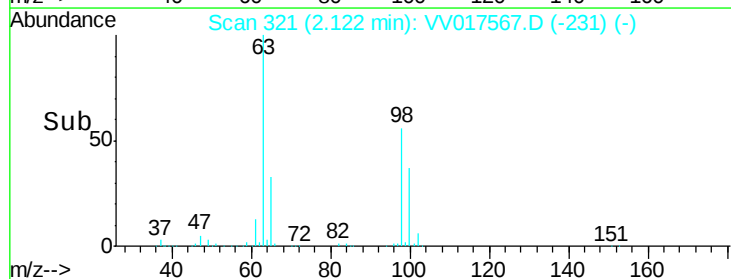
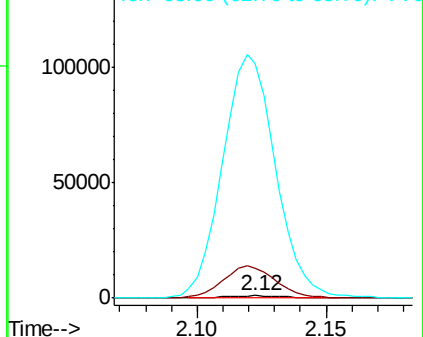
63 9252.1 89.0 165.4#

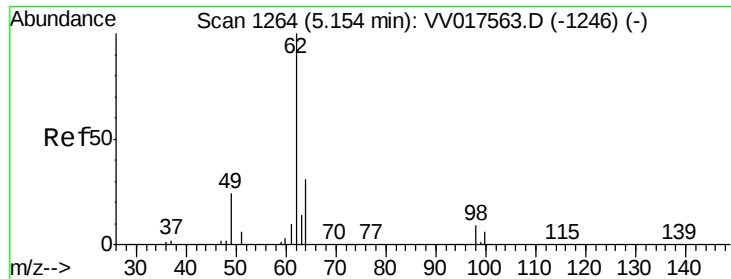


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.726 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

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MSVOA_V

ClientSampleId :

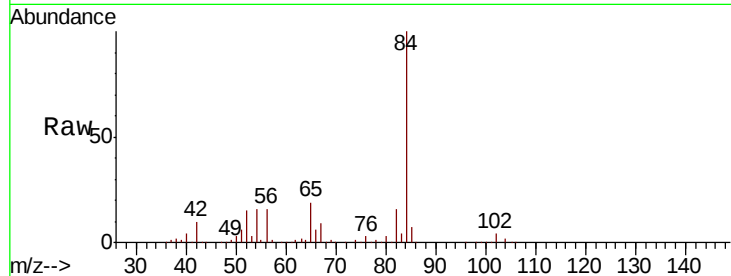
VBLK64

Tot Ion: 62 Resp: 2818

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7



Abundance Ion 62.00 (61.70 to 62.70): VV017563.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV017563.D (-1246) (-)

5.07

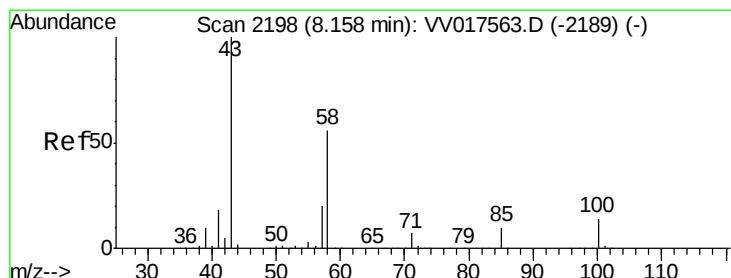
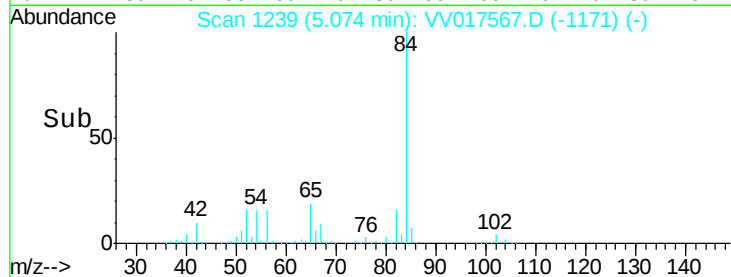
1500

1000

500

0

Time-->



#48

2-Hexanone

Concen: 5.647 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV017567.D

Acq: 21 Jul 2020 16:33

Tgt Ion: 43 Resp: 14664

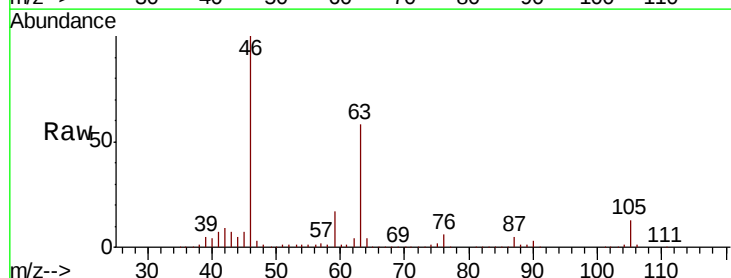
Ion Ratio Lower Upper

43 100

58 22.8 44.3 66.5#

57 26.3 16.9 25.3#

100 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV017563.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV017563.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV017563.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV017563.D (-2189) (-)

8.11

12000

10000

8000

6000

4000

2000

0

Time-->

