

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016944.D
 Acq On : 15 Jun 2020 19:02
 Operator : SY/MD
 Sample : L2947-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 16 05:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353965	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97063	38.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.72%
7) Chloroethane-d5	1.57	69	71506	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.42%
11) 1,1-Dichloroethene-d2	2.12	63	138750	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.16%
21) 2-Butanone-d5	3.90	46	162509	87.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.91%
24) Chloroform-d	4.37	84	225674	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.05	65	162567	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.07	84	441391	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
36) 1,2-Dichloropropane-d6	6.09	67	136770	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	403784	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	69376	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.11	63	93955	71.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163566	41.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	168914	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

Target Compounds

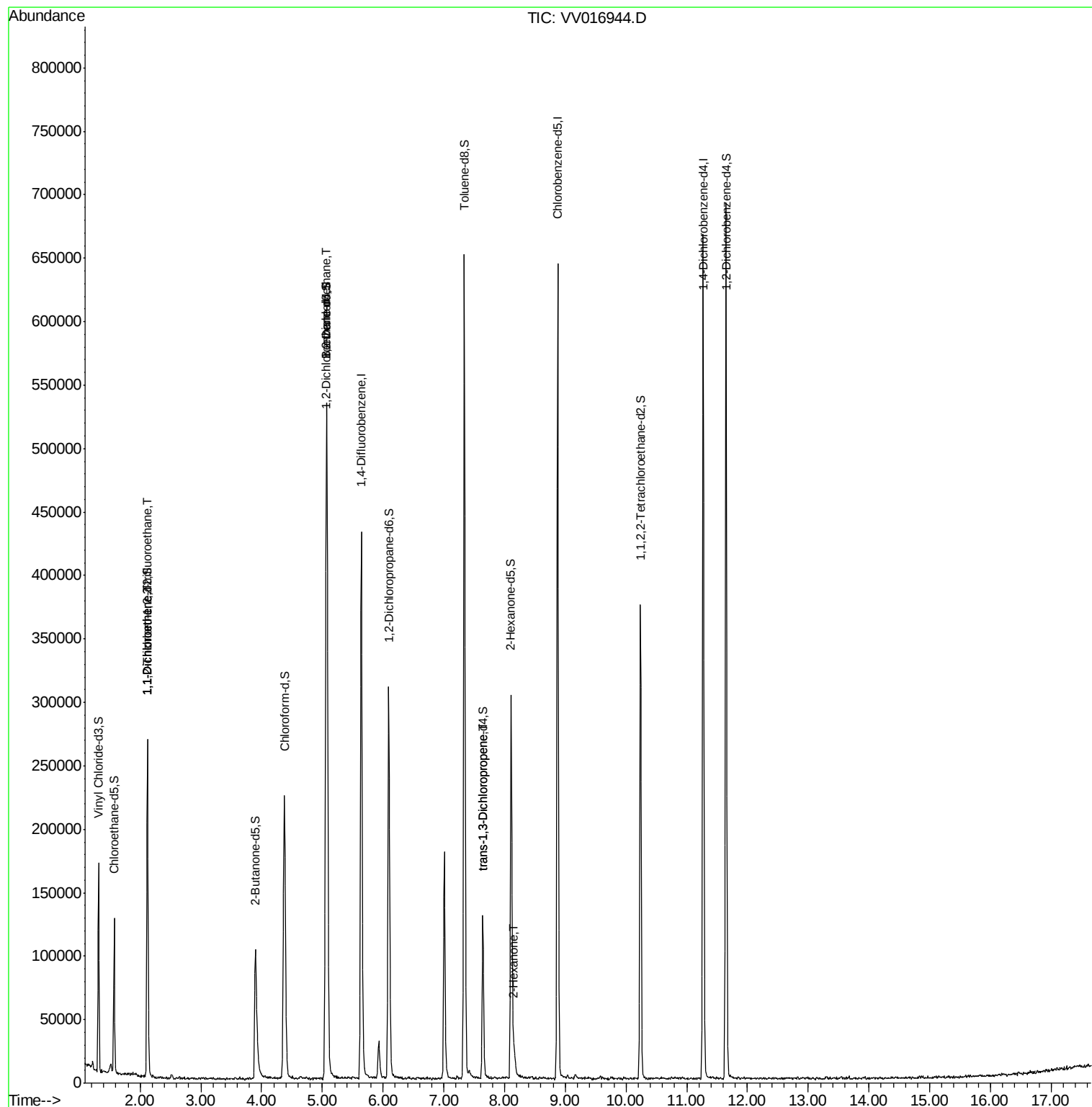
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1378	0.732 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1348	0.767 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	3213	0.827 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3791	0.979 ug/L	91
48) 2-Hexanone	8.16	43	10972	3.895 ug/L #	85

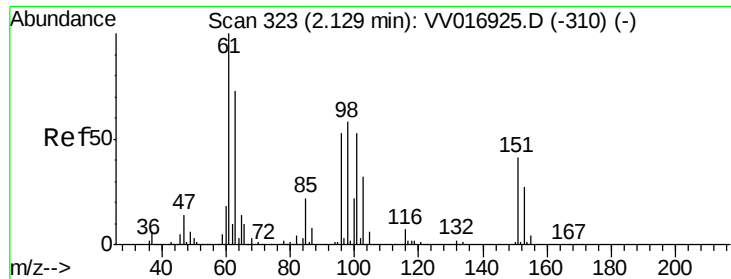
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016944.D

Acq: 15 Jun 2020 19:02

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

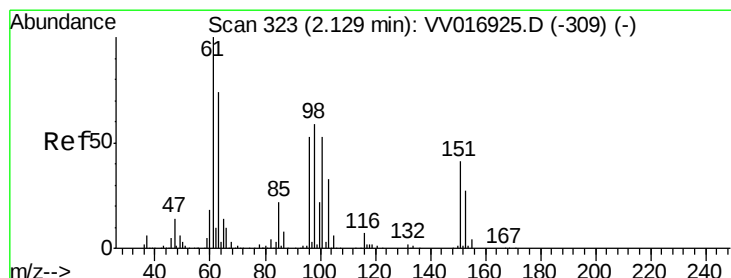
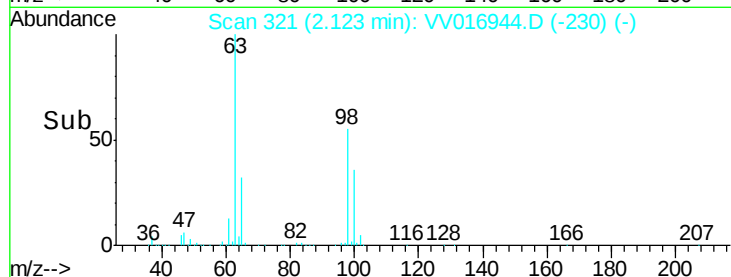
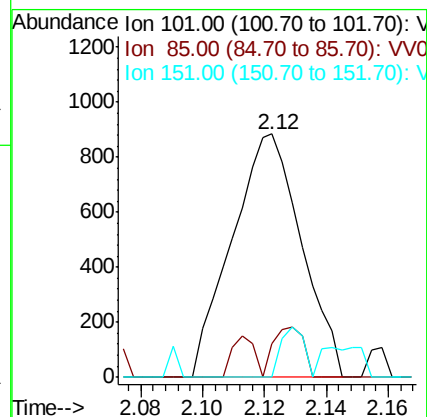
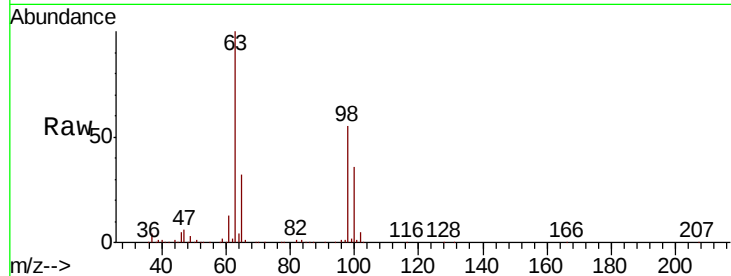
Tot Ion:101 Resp: 1378

Ion Ratio Lower Upper

101 100

85 8.8 35.5 53.3#

151 6.6 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.767 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016944.D

Acq: 15 Jun 2020 19:02

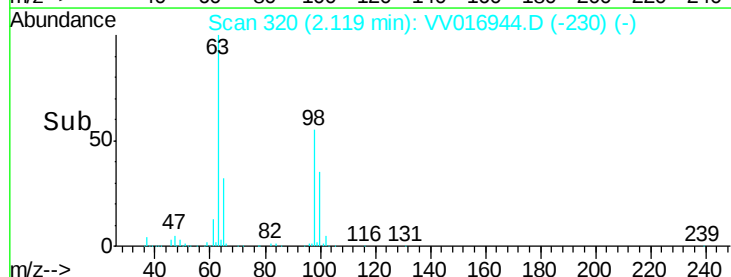
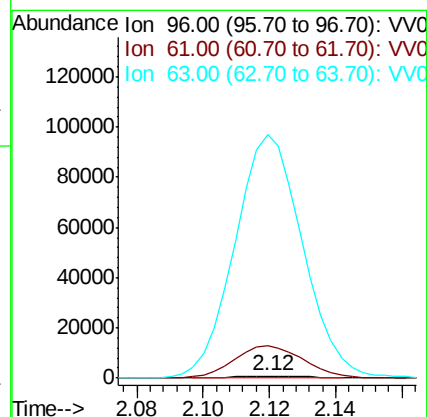
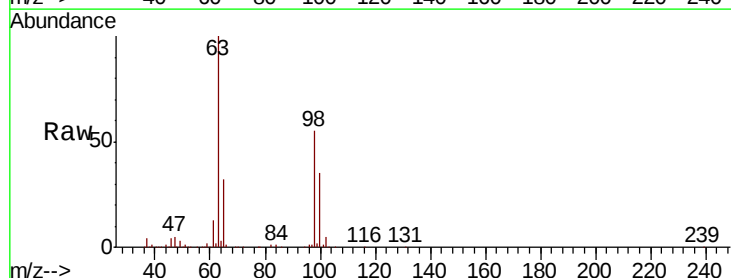
Tgt Ion: 96 Resp: 1348

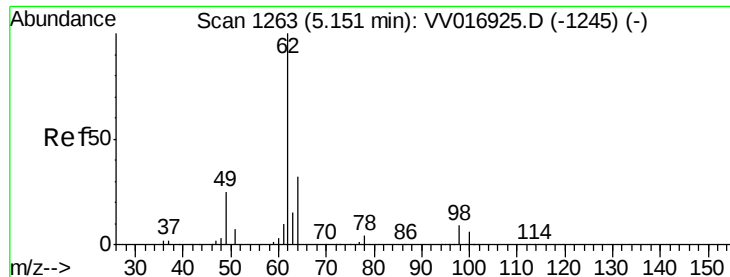
Ion Ratio Lower Upper

96 100

61 1496.2 130.4 242.2#

63 11136.6 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 0.827 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: VV016944.D

Acq: 15 Jun 2020 19:02

Instrument :

MSVOA_V

ClientSampleId :

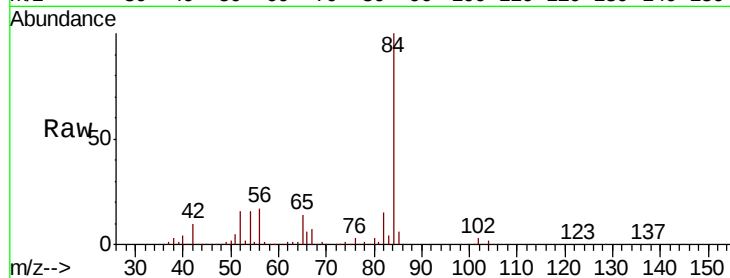
VHBLK01

Tot Ion: 62 Resp: 3213

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016925.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VV016925.D (-1245) (-)

5.08

1500

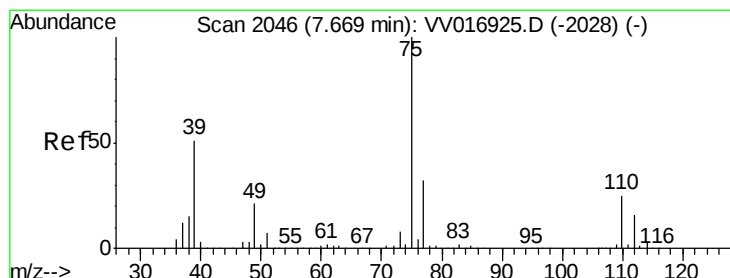
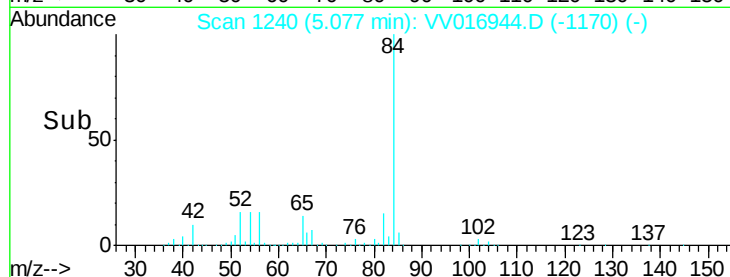
1000

500

0

5.00 5.05 5.10

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016944.D

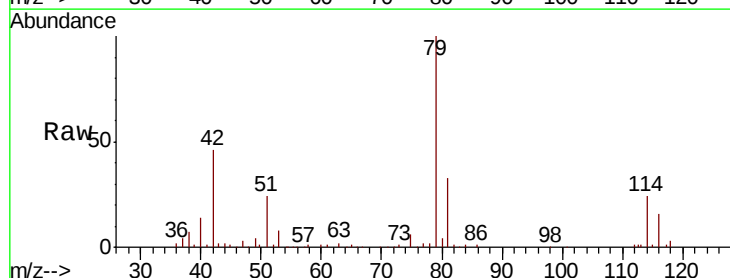
Acq: 15 Jun 2020 19:02

Tgt Ion: 75 Resp: 3791

Ion Ratio Lower Upper

75 100

77 36.1 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016925.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV016925.D (-2028) (-)

7.64

2500

2000

1500

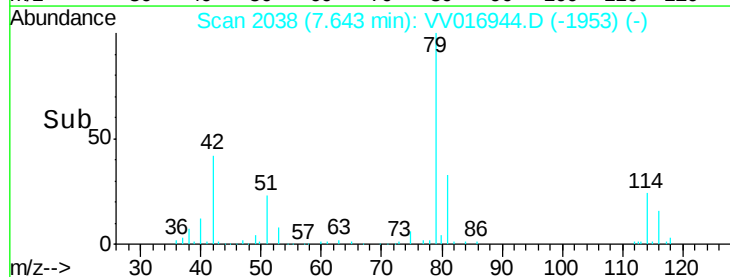
1000

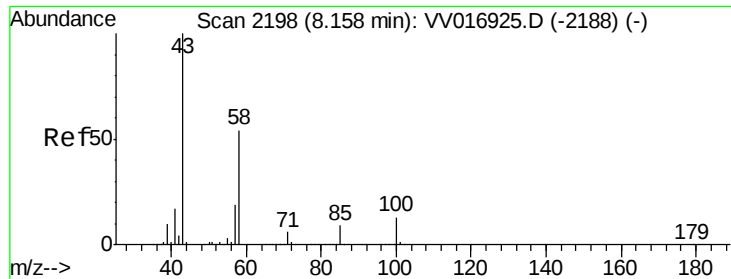
500

0

7.60 7.65 7.70

Time-->





#48

2-Hexanone

Concen: 3.895 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016944.D

Acq: 15 Jun 2020 19:02

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 10972

Ion Ratio Lower Upper

43 100

58 42.3 43.1 64.7#

57 22.4 15.3 22.9

100 4.6 10.0 15.0#

