

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016877.D
 Acq On : 12 Jun 2020 14:26
 Operator : SY/MD
 Sample : L2848-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Jun 13 01:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	94236	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	42707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67086	100.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	201.78%#
7) Chloroethane-d5	1.56	69	47723	119.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	239.22%#
11) 1,1-Dichloroethene-d2	2.12	63	93261	83.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	167.04%#
21) 2-Butanone-d5	3.90	46	109972	223.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	223.45%#
24) Chloroform-d	4.37	84	147880	109.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	218.74%#
26) 1,2-Dichloroethane-d4	5.05	65	105737	114.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	229.94%#
32) Benzene-d6	5.07	84	285435	106.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	213.32%#
36) 1,2-Dichloropropane-d6	6.09	67	87411	104.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	209.56%#
41) Toluene-d8	7.34	98	255268	103.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	207.88%#
43) trans-1,3-Dichloropropene-	7.64	79	43084	99.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	198.32%#
47) 2-Hexanone-d5	8.11	63	55524	152.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	152.67%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	105804	95.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	191.62%#
64) 1,2-Dichlorobenzene-d4	11.65	152	107990	118.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	236.98%#

Target Compounds

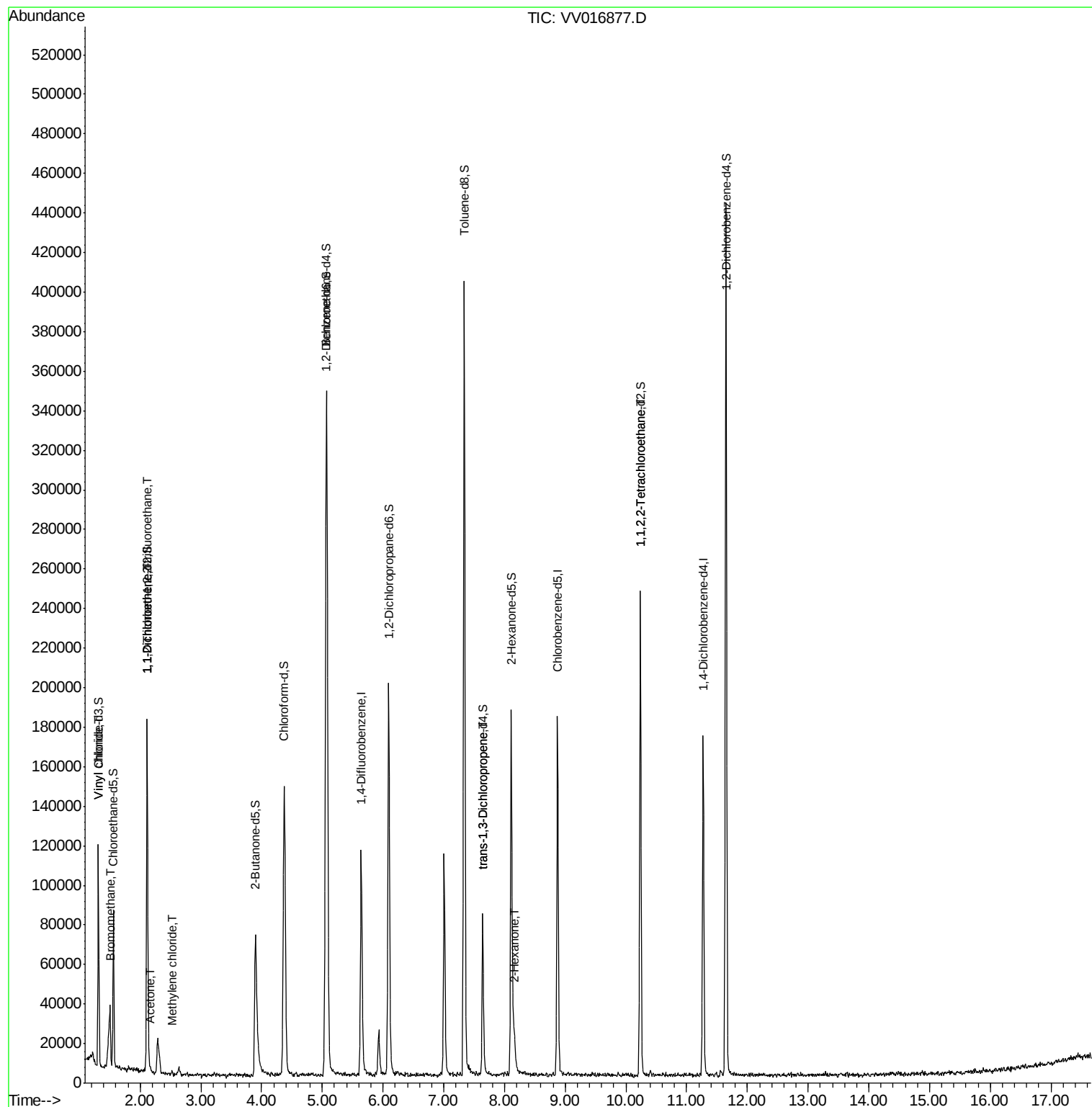
					Ovalue
5) Vinyl chloride	1.32	62	458	0.682 ug/L #	1
6) Bromomethane	1.51	94	349	1.247 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1067	2.130 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	407	0.870 ug/L #	1
13) Acetone	2.18	43	1078	3.324 ug/L	91
16) Methylene chloride	2.52	84	629	0.916 ug/L	92
44) trans-1,3-Dichloropropene	7.64	75	2377	2.203 ug/L	98
48) 2-Hexanone	8.16	43	11492	14.642 ug/L #	93
58) 1,1,2,2-Tetrachloroethane	10.24	83	918	0.869 ug/L #	1

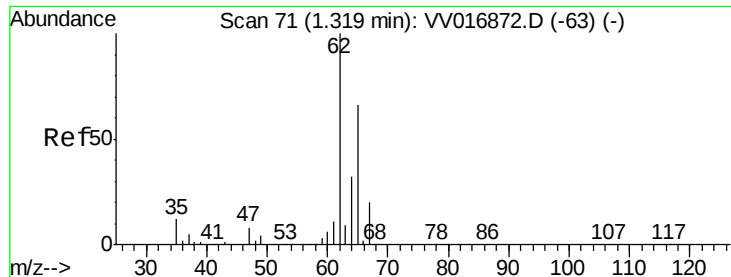
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016877.D
Acq On : 12 Jun 2020 14:26
Operator : SY/MD
Sample : L2848-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Jun 13 01:42:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 01:34:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.682 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

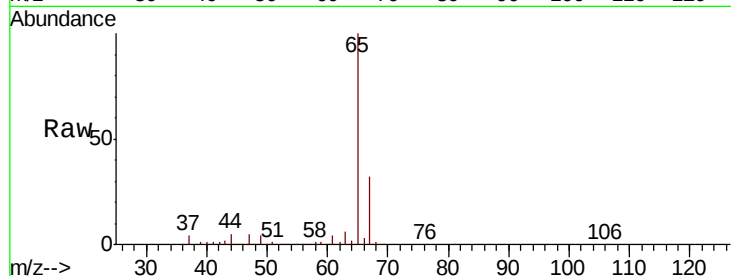
VHBLK02

Tot Ion: 62 Resp: 458

Ion Ratio Lower Upper

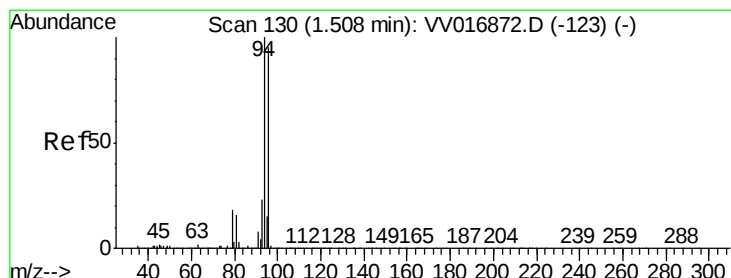
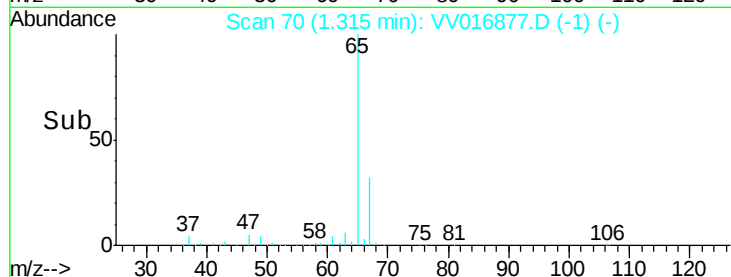
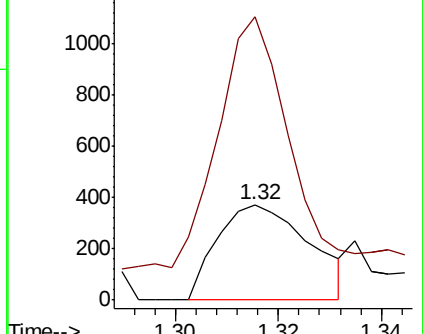
62 100

64 296.5 22.3 41.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 1.247 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

Lab File: VV016877.D

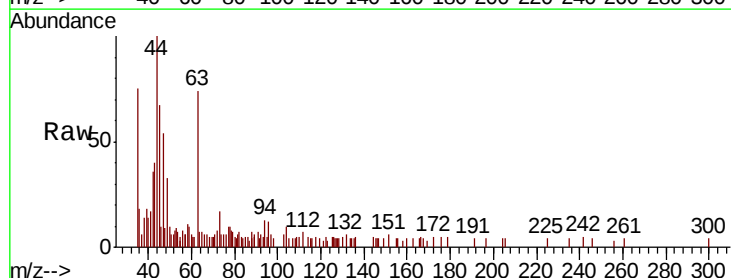
Acq: 12 Jun 2020 14:26

Tgt Ion: 94 Resp: 349

Ion Ratio Lower Upper

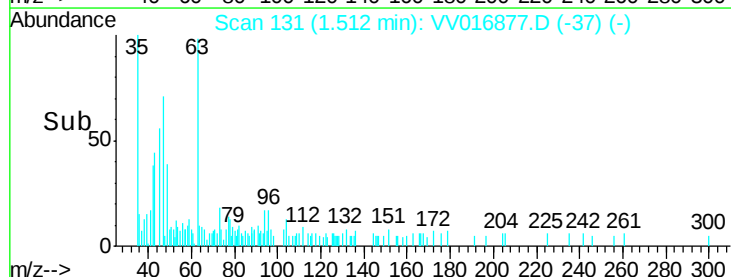
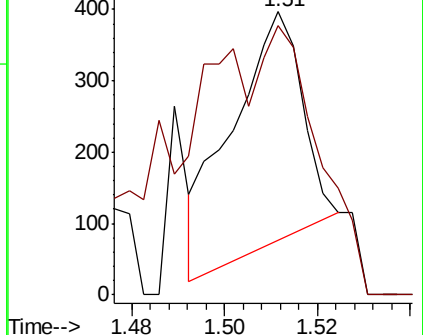
94 100

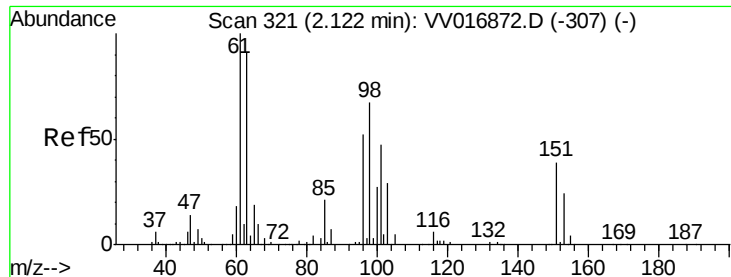
96 95.0 64.5 119.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#10

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

Concen: 2.130 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

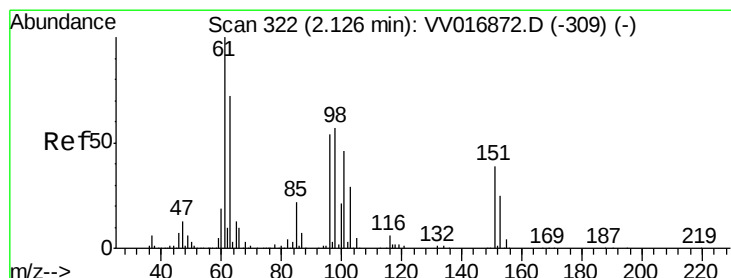
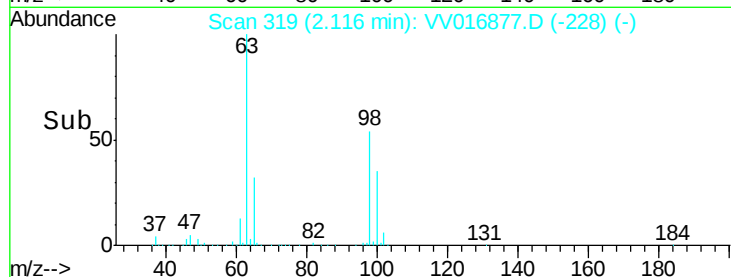
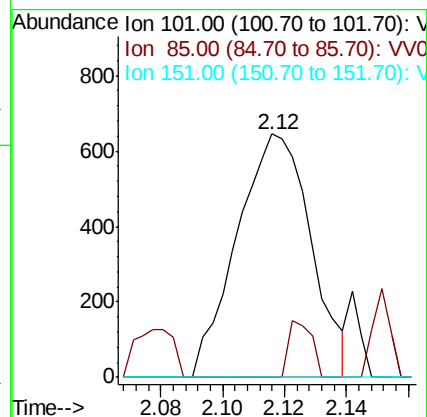
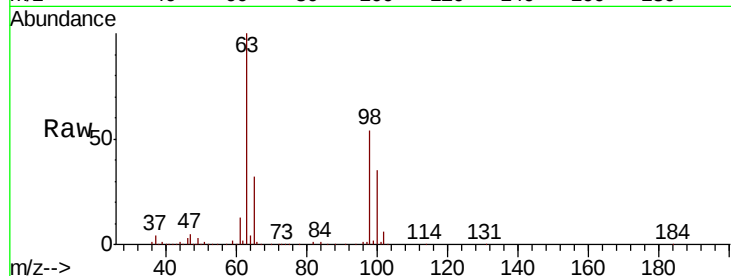
Tot Ion:101 Resp: 1067

Ion Ratio Lower Upper

101 100

85 7.2 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.870 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

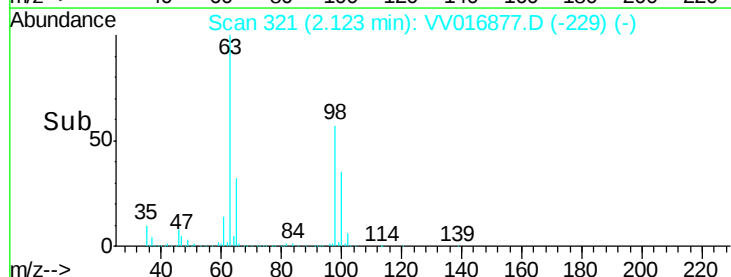
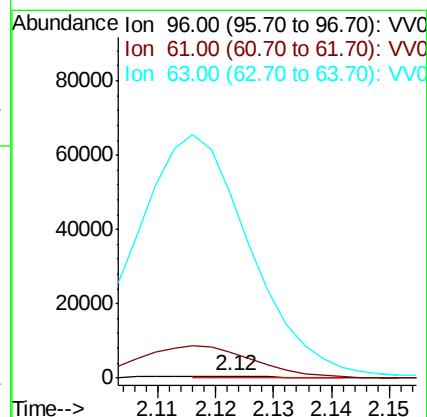
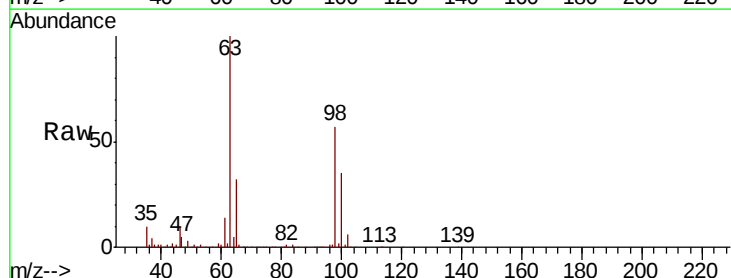
Tgt Ion: 96 Resp: 407

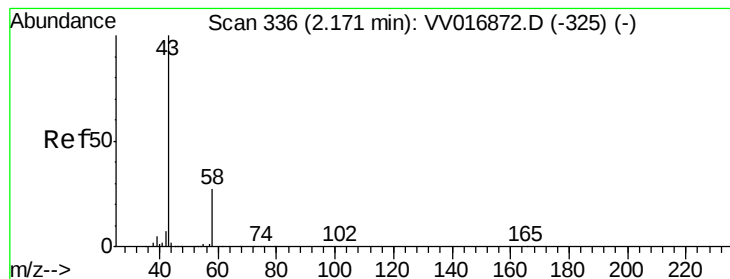
Ion Ratio Lower Upper

96 100

61 1456.4 130.4 242.2#

63 10408.3 103.3 191.9#





#13

Acetone

Concen: 3.324 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

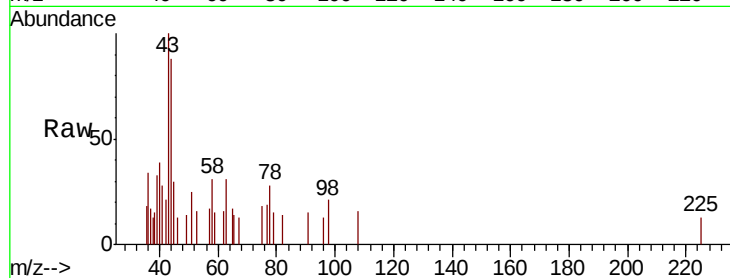
VHBLK02

Tot Ion: 43 Resp: 1078

Ion Ratio Lower Upper

43 100

58 32.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

800

600

400

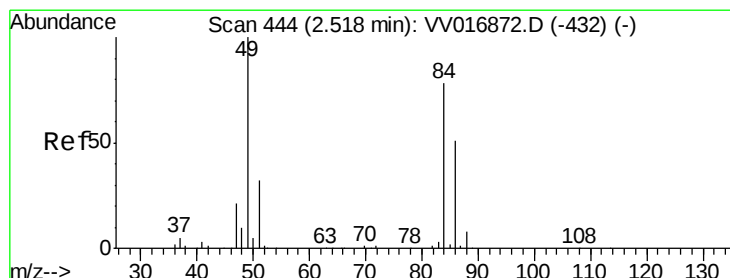
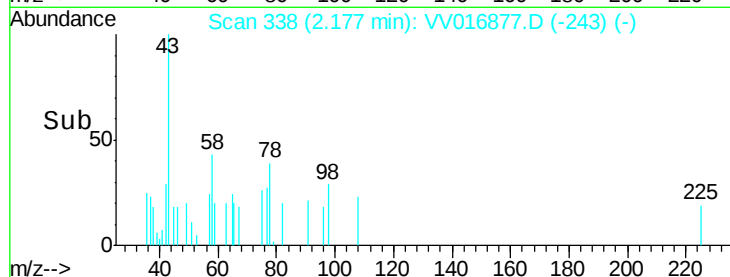
200

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 0.916 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

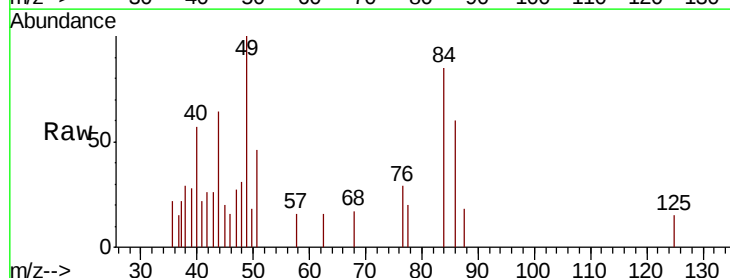
Tgt Ion: 84 Resp: 629

Ion Ratio Lower Upper

84 100

86 69.9 44.0 81.8

49 138.6 90.9 168.9



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

800

600

400

200

0

2.49

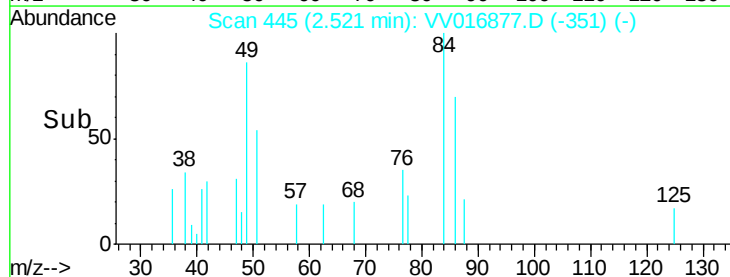
2.50

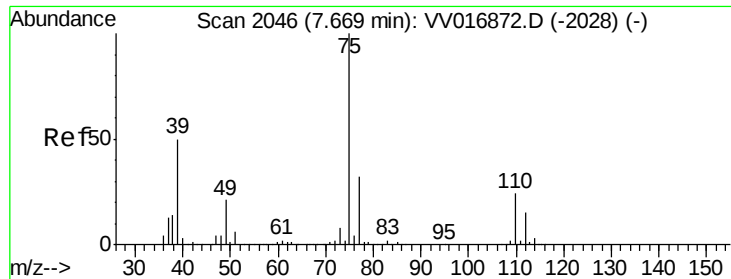
2.51

2.52

2.53

Time-->





#44

trans-1,3-Dichloropropene

Concen: 2.203 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

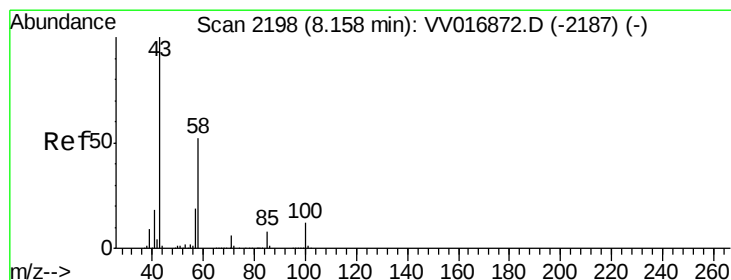
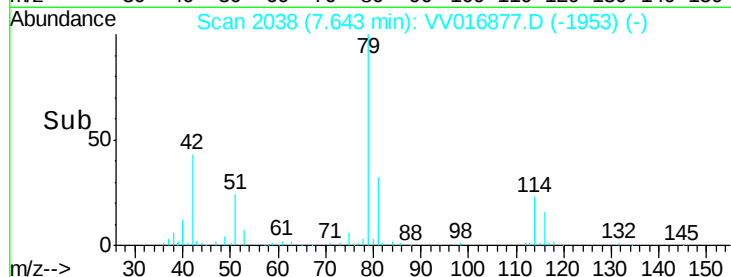
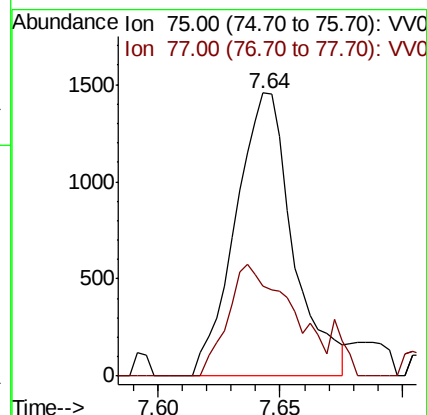
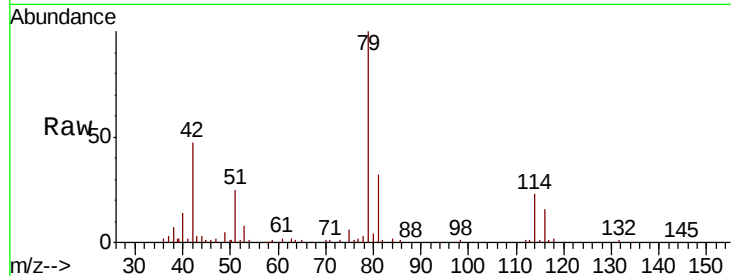
VHBLK02

Tot Ion: 75 Resp: 2377

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



#48

2-Hexanone

Concen: 14.642 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Tgt Ion: 43 Resp: 11492

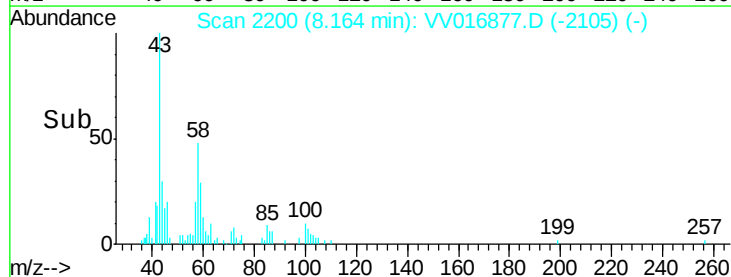
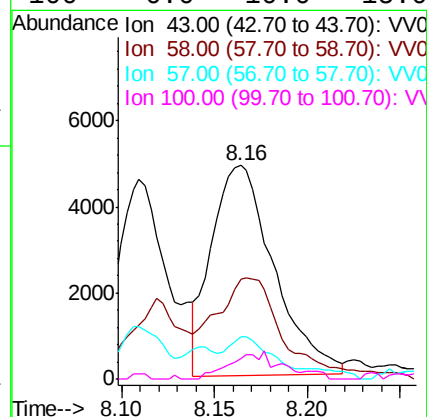
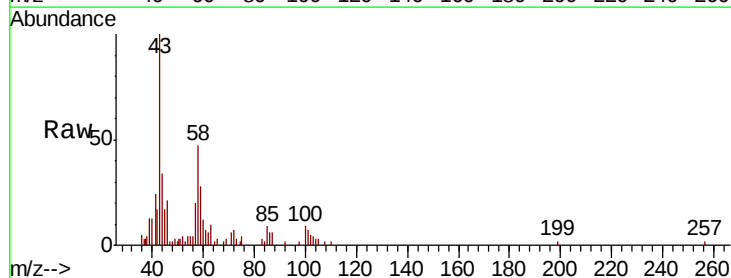
Ion Ratio Lower Upper

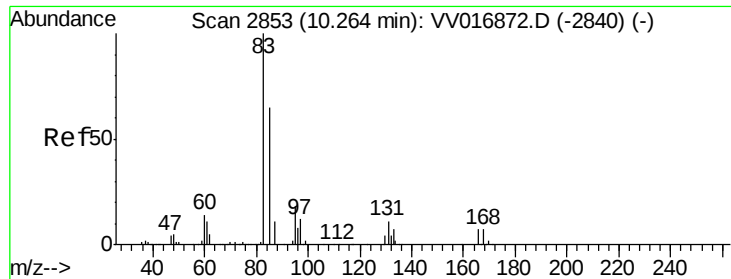
43 100

58 54.1 43.1 64.7

57 10.0 15.3 22.9#

100 6.0 10.0 15.0#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.869 ug/L

RT: 10.24 min Scan# 2845

Delta R.T. -0.03 min

Lab File: VV016877.D

Acq: 12 Jun 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tot Ion: 83 Resp: 918

Ion Ratio Lower Upper

83 100

85 157.6 46.8 86.8#

131 206.9 7.9 11.9#

