

Data File : VV014517.D
Acq On : 06 Feb 2020 14:05
Operator : SY/MD
Sample : VV0206WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK201

Quant Time: Feb 07 01:40:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 01:37:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	397840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370594	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	179019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105173	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.50%
7) Chloroethane-d5	1.59	69	75240	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.13	63	124104	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	3.92	46	171204	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.40	84	238587	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
26) 1,2-Dichloroethane-d4	5.08	65	152001	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.10	84	522731	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.11	67	162574	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.36	98	483440	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%
43) trans-1,3-Dichloropropene-	7.66	79	83729	49.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.24%
47) 2-Hexanone-d5	8.13	63	136126	101.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.69%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	205915	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
66) 1,2-Dichlorobenzene-d4	11.67	152	180104	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

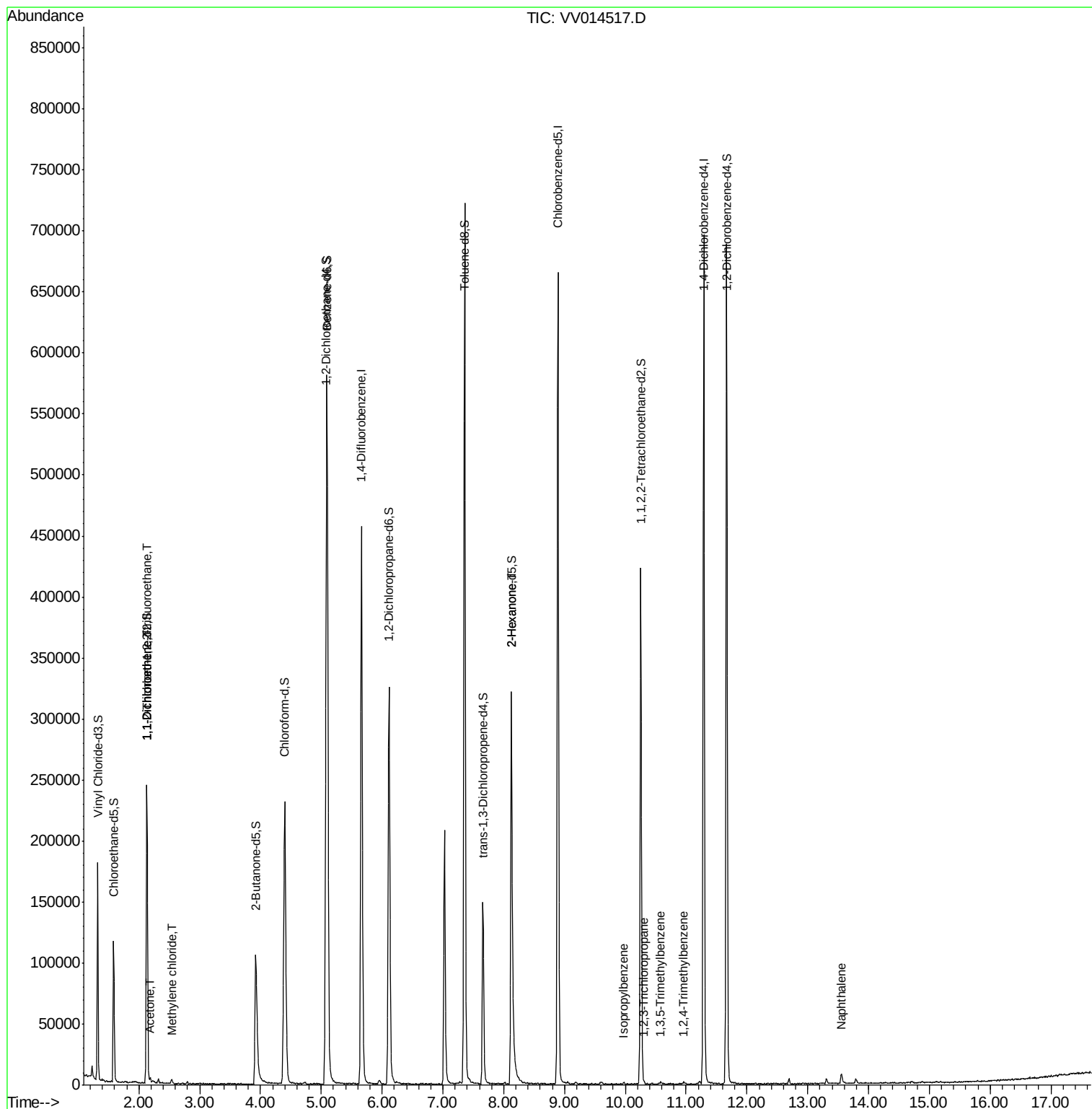
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1533	0.959	ug/L #	35
12) 1,1-Dichloroethene	2.14	96	1030	0.674	ug/L #	1
13) Acetone	2.19	43	3256	2.335	ug/L	98
16) Methylene chloride	2.54	84	1393	0.480	ug/L	92
48) 2-Hexanone	8.13	43	13770	4.988	ug/L #	75
60) Isopropylbenzene	9.97	105	1159	0.096	ug/L #	82
61) 1,2,3-Trichloropropane	10.32	75	157	0.050	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.58	105	1086	0.105	ug/L	96
63) 1,2,4-Trimethylbenzene	10.96	105	1296	0.127	ug/L	92
71) Naphthalene	13.55	128	7972	0.657	ug/L #	87

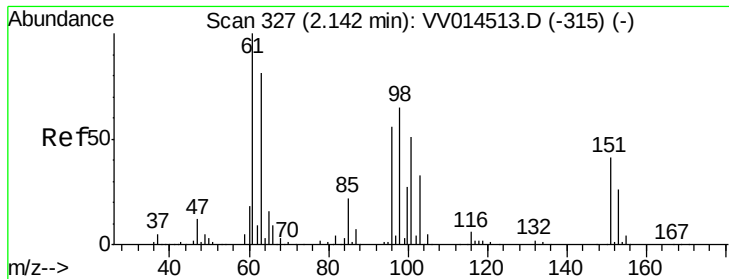
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.959 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VBLK201

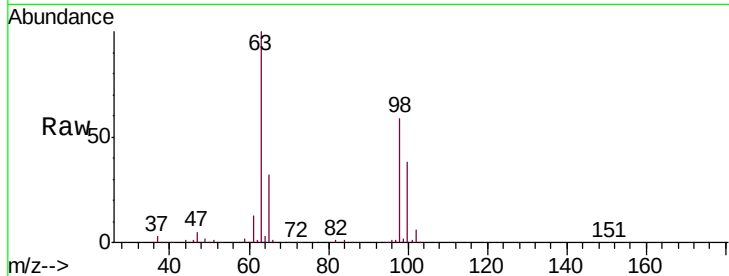
Tgt Ion: 101 Resp: 1533

Ion Ratio Lower Upper

101 100

85 4.4 35.0 52.6#

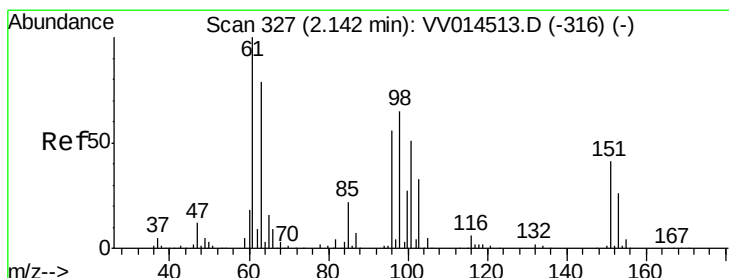
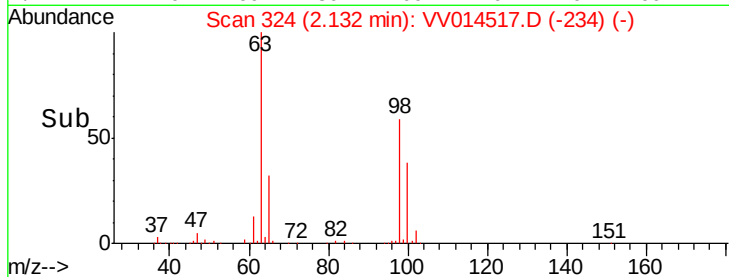
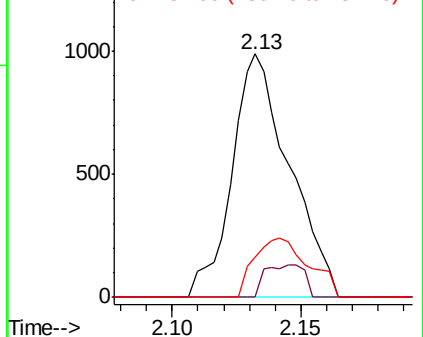
151 21.6 64.4 96.6#



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: 0.674 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014517.D

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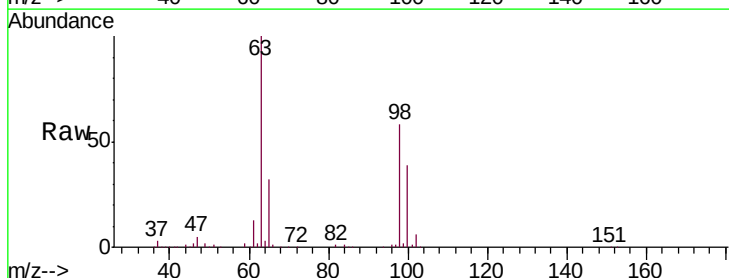
Tgt Ion: 96 Resp: 1030

Ion Ratio Lower Upper

96 100

61 1565.9 125.0 232.2#

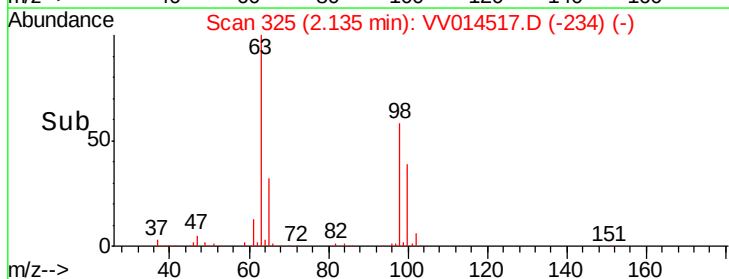
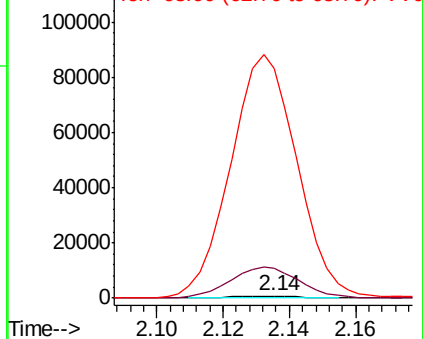
63 12041.8 101.6 188.6#

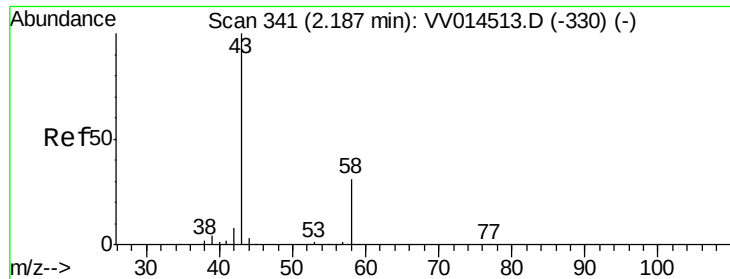


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.335 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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ClientSampleId :

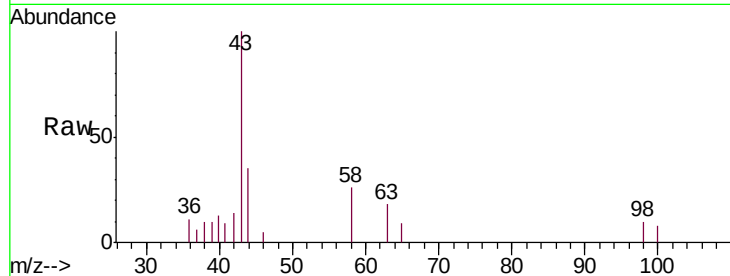
VBLK201

Tgt Ion: 43 Resp: 3256

Ion Ratio Lower Upper

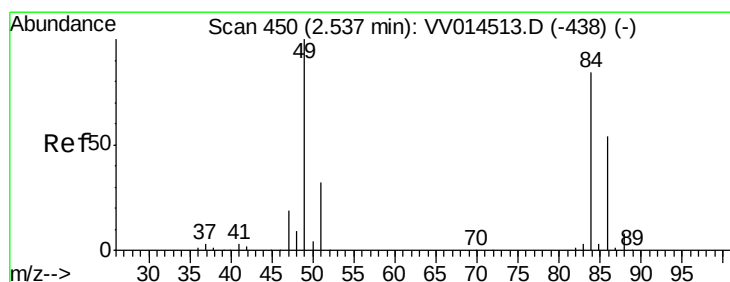
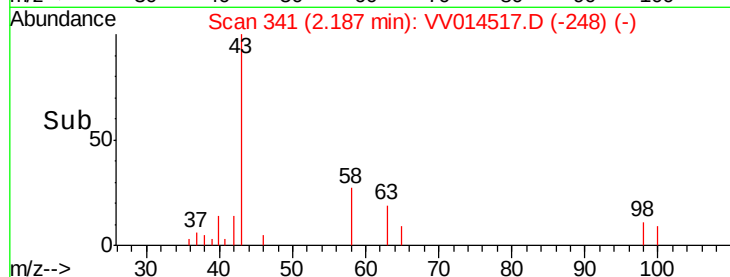
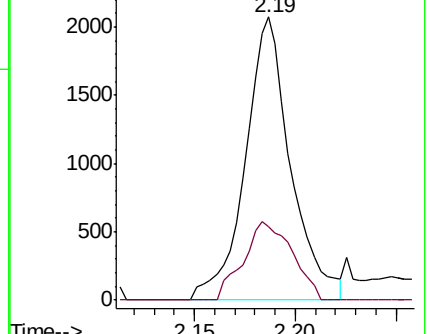
43 100

58 29.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 0.480 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV014517.D

Acq: 06 Feb 2020 14:05

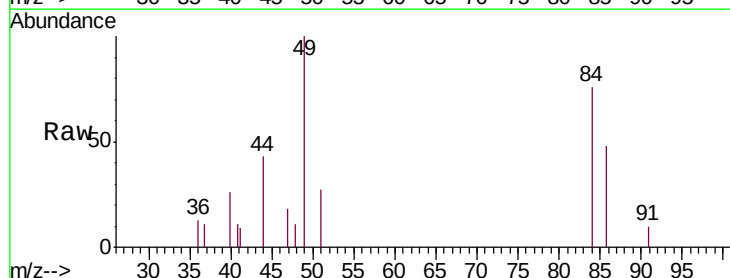
Tgt Ion: 84 Resp: 1393

Ion Ratio Lower Upper

84 100

86 63.5 44.6 82.8

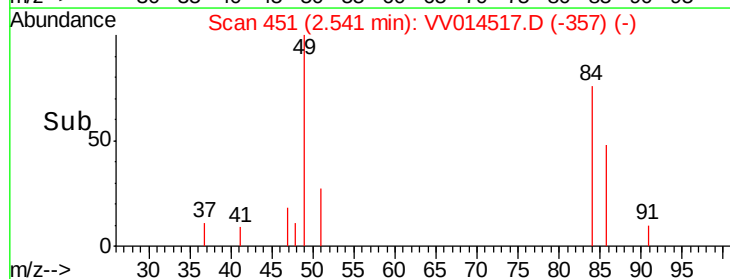
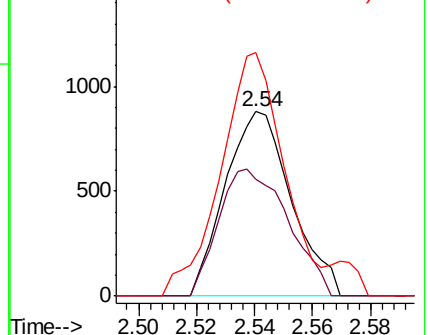
49 132.2 83.2 154.4

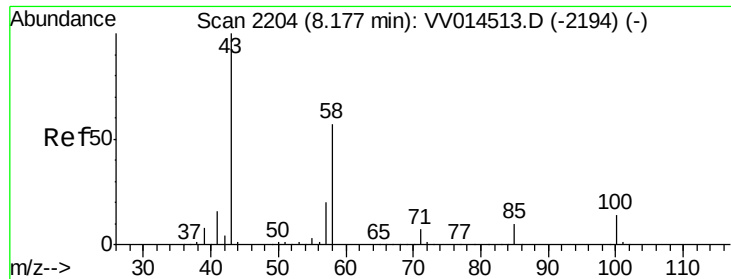


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#48

2-Hexanone

Concen: 4.988 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014517.D

Acq: 06 Feb 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VBLK201

Tgt Ion: 43 Resp: 13770

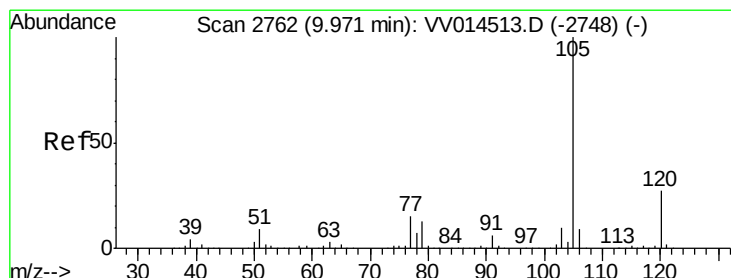
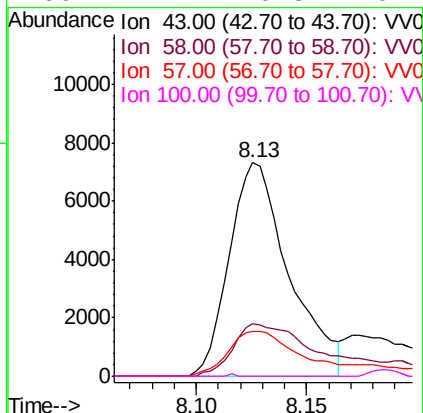
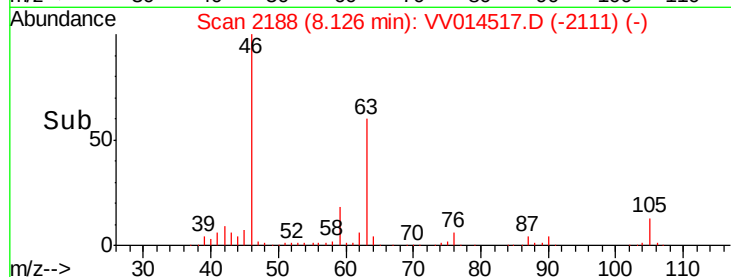
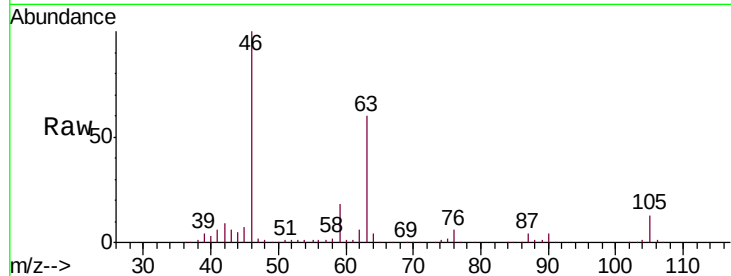
Ion Ratio Lower Upper

43 100

58 35.7 45.5 68.3#

57 25.1 15.8 23.6#

100 1.4 10.8 16.2#



#60

Isopropylbenzene

Concen: 0.096 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV014517.D

Acq: 06 Feb 2020 14:05

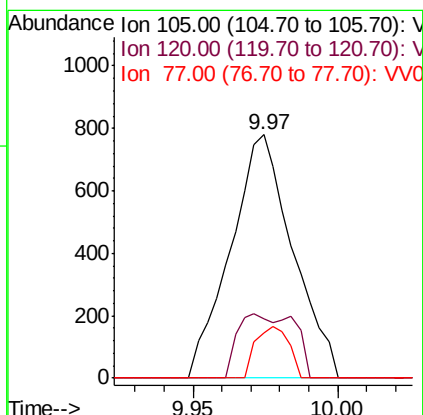
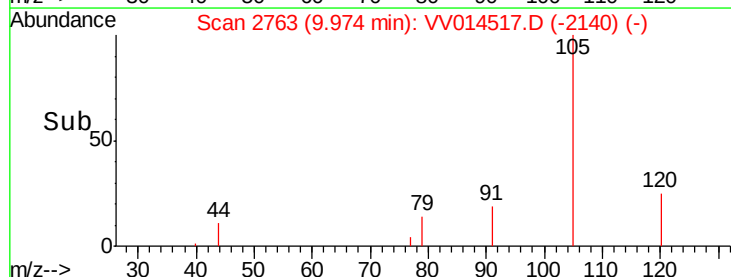
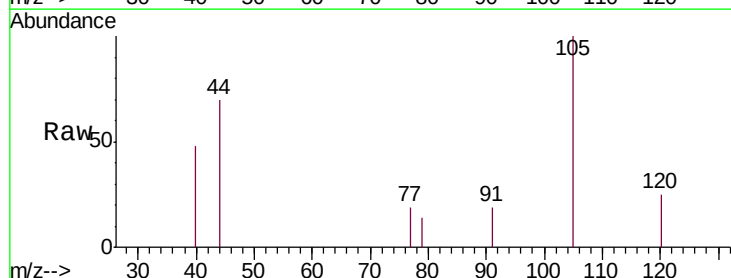
Tgt Ion: 105 Resp: 1159

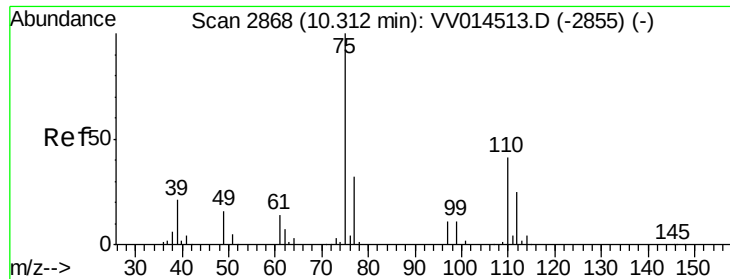
Ion Ratio Lower Upper

105 100

120 15.2 21.5 32.3#

77 11.4 12.2 18.4#

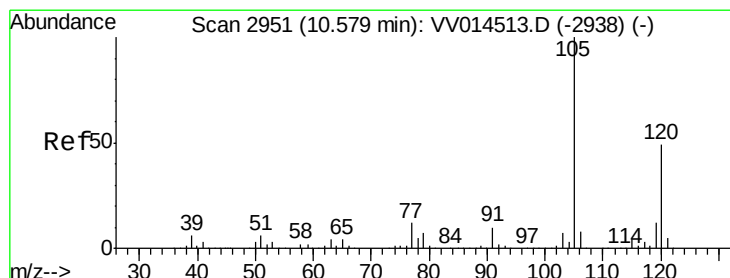
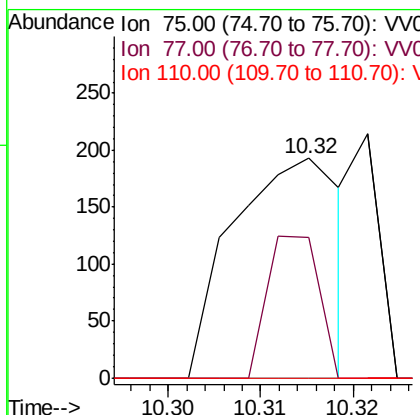
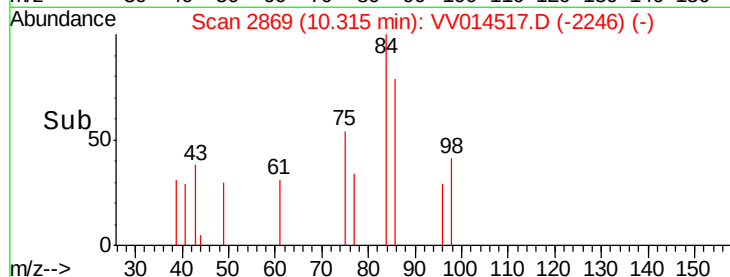
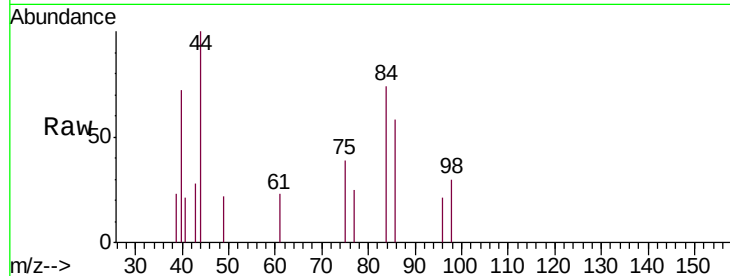




#61
 1,2,3-Trichloropropane
 Concen: 0.050 ug/L
 RT: 10.32 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VV014517.D
 Acq: 06 Feb 2020 14:05

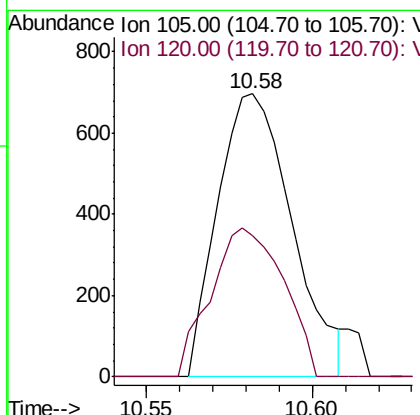
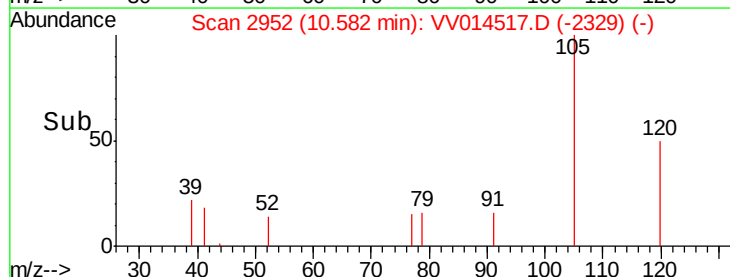
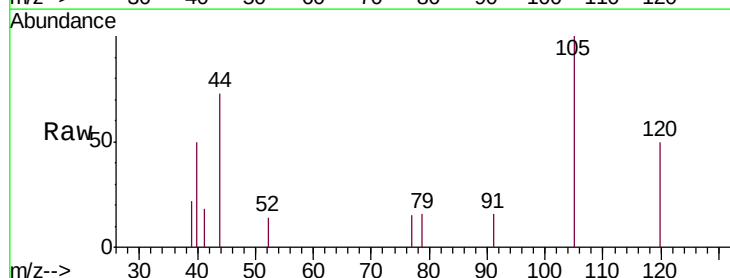
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK201

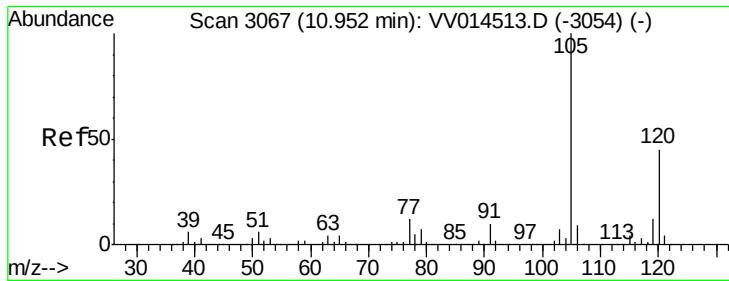
Tgt Ion: 75 Resp: 157
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.8
 110 0.0 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.105 ug/L
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV014517.D
 Acq: 06 Feb 2020 14:05

Tgt Ion: 105 Resp: 1086
 Ion Ratio Lower Upper
 105 100
 120 51.5 39.0 58.6

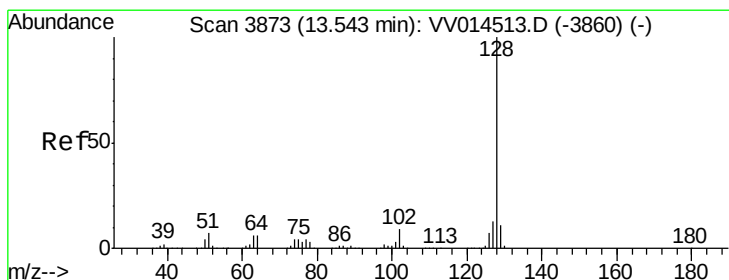
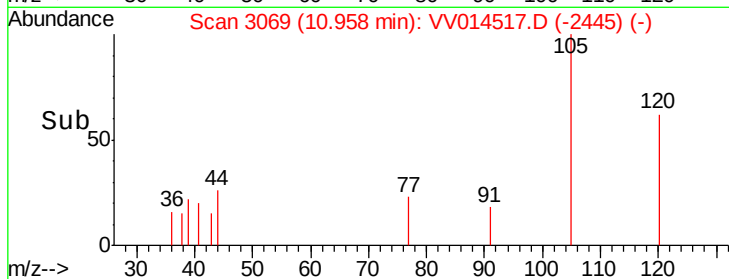
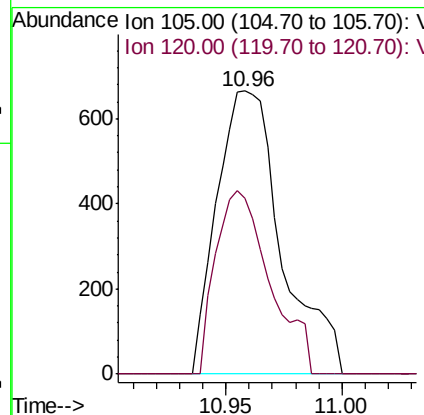
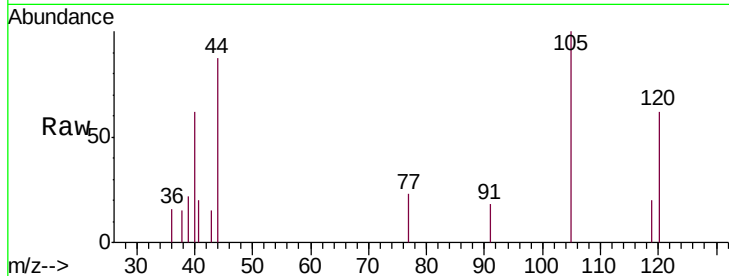




#63
 1,2,4-Trimethylbenzene
 Concen: 0.127 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.01 min
 Lab File: VV014517.D
 Acq: 06 Feb 2020 14:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK201

Tgt Ion:105 Resp: 1296
 Ion Ratio Lower Upper
 105 100
 120 50.6 36.2 54.4



#71
 Naphthalene
 Concen: 0.657 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV014517.D
 Acq: 06 Feb 2020 14:05

Tgt Ion:128 Resp: 7972
 Ion Ratio Lower Upper
 128 100
 127 8.2 10.3 15.5#
 129 5.6 8.7 13.1#

