

Data File : VV014533.D
Acq On : 07 Feb 2020 12:57
Operator : SY/MD
Sample : VV0208WBL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK205

Quant Time: Feb 08 00:05:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351622	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328680	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	163600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82200	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.58	69	58751	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.13	63	99311	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.58%
21) 2-Butanone-d5	3.92	46	147614	100.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.29%
24) Chloroform-d	4.40	84	205929	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
26) 1,2-Dichloroethane-d4	5.08	65	131362	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.10	84	443291	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.11	67	137561	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.35	98	413866	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	7.66	79	71901	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.13	63	122451	103.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.14%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	179256	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
66) 1,2-Dichlorobenzene-d4	11.67	152	159485	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

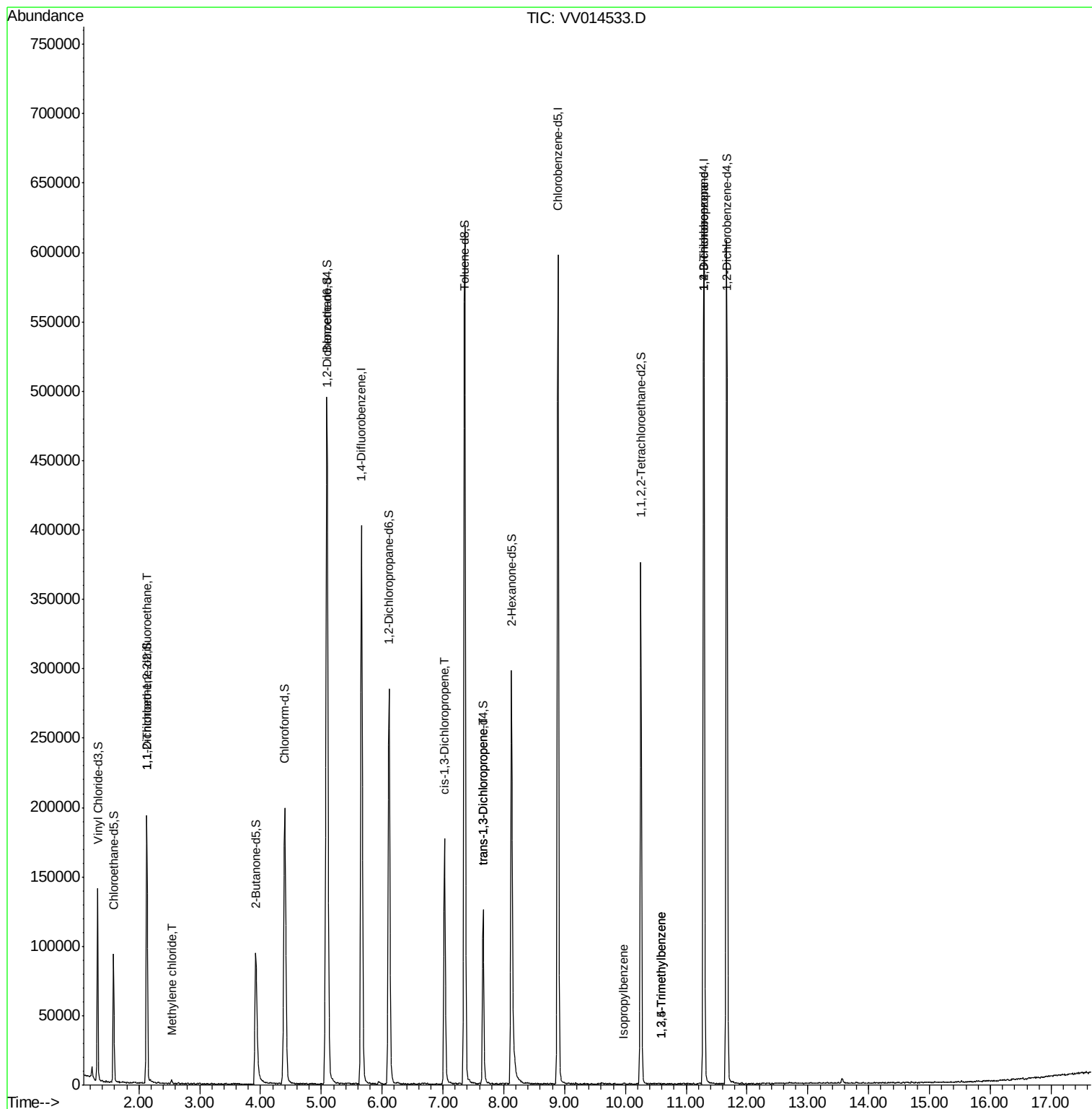
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	942	0.667 ug/L #	20
16) Methylene chloride	2.54	84	1051	0.409 ug/L	95
39) cis-1,3-Dichloropropene	7.02	75	4352	1.060 ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	3303	0.897 ug/L #	73
60) Isopropylbenzene	9.97	105	263	0.024 ug/L #	54
61) 1,2,3-Trichloropropane	11.29	75	18319	6.323 ug/L #	63
62) 1,3,5-Trimethylbenzene	10.58	105	160	0.017 ug/L	90
63) 1,2,4-Trimethylbenzene	10.58	105	160	0.017 ug/L	95

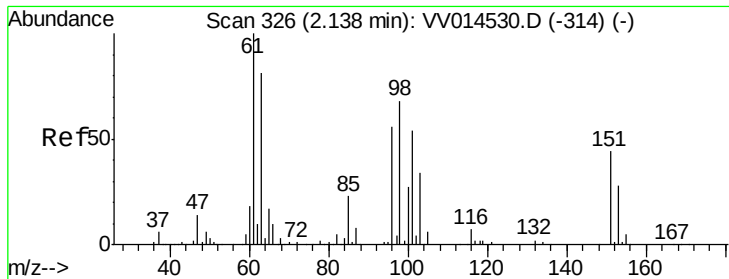
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.667 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

VBLK205

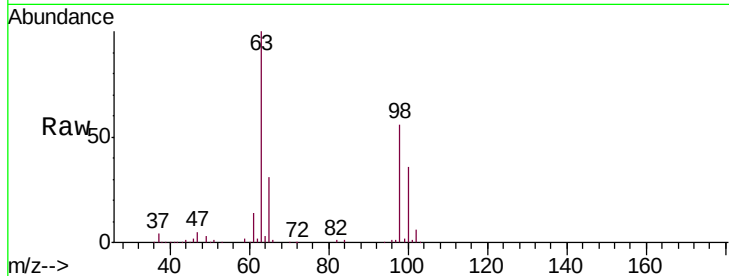
Tgt Ion: 101 Resp: 942

Ion Ratio Lower Upper

101 100

85 4.7 35.0 52.6#

151 0.0 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

2.13

600

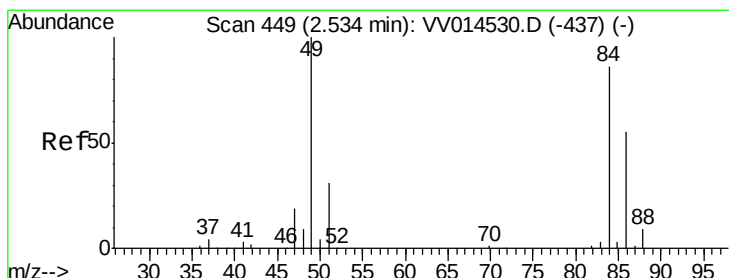
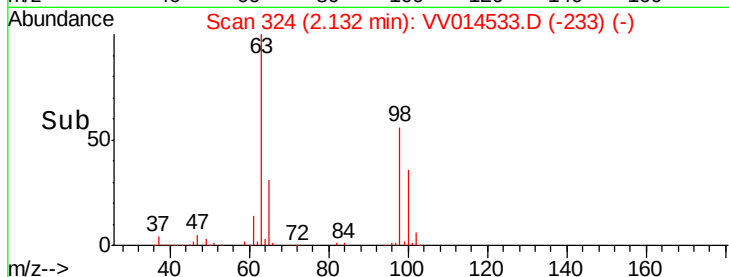
400

200

0

2.10 2.12 2.14 2.16

Time-->



#16

Methylene chloride

Concen: 0.409 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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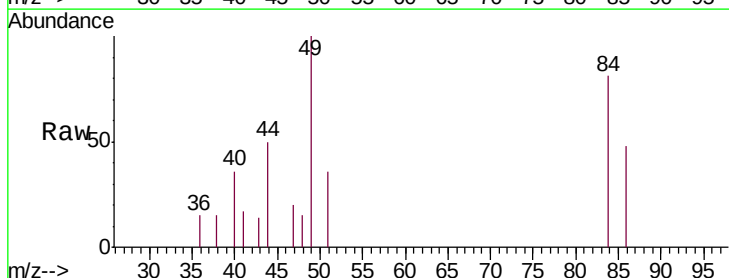
Tgt Ion: 84 Resp: 1051

Ion Ratio Lower Upper

84 100

86 58.8 44.6 82.8

49 122.8 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

1200

1000

800

600

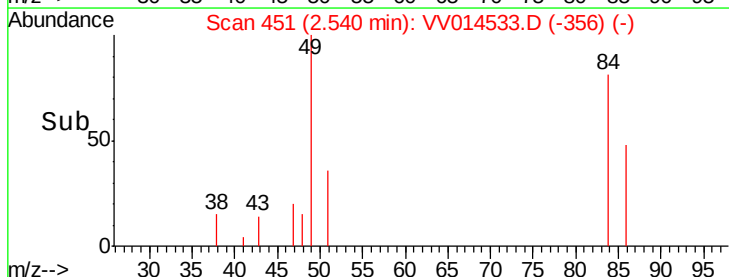
400

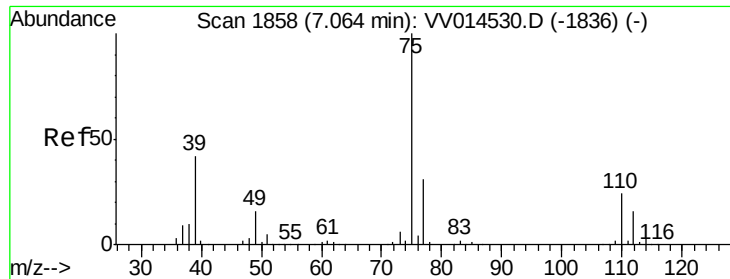
200

0

2.50 2.52 2.54 2.56 2.58

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.060 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 12:57

Instrument :

MSVOA_V

ClientSampled :

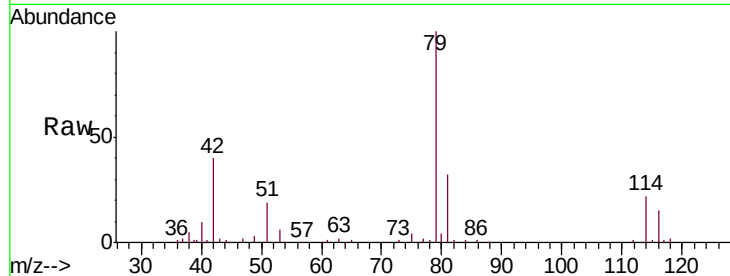
VBLK205

Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

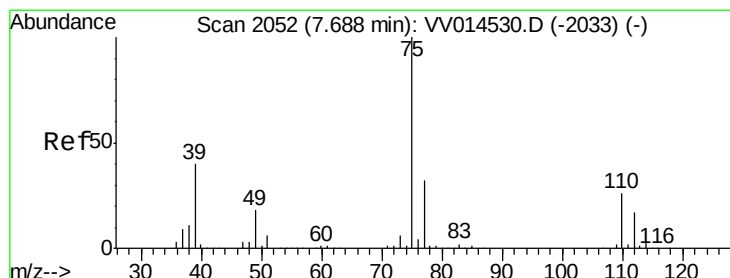
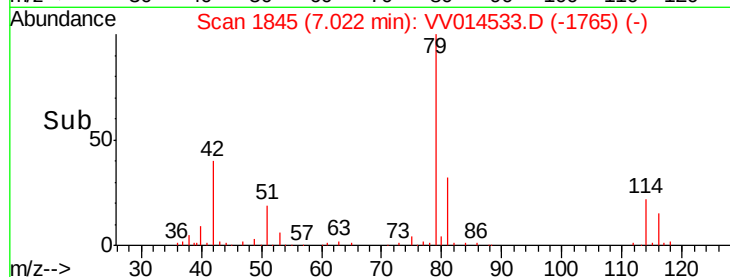
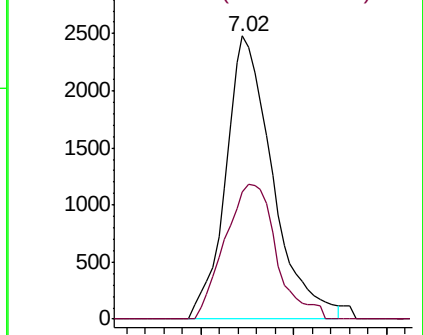
75 100

77 45.0 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014533.D

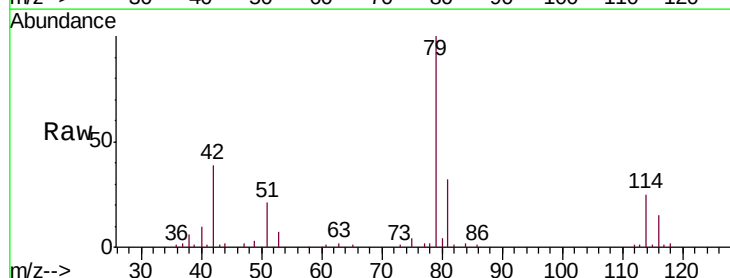
Acq: 07 Feb 2020 12:57

Tgt Ion: 75 Resp: 3303

Ion Ratio Lower Upper

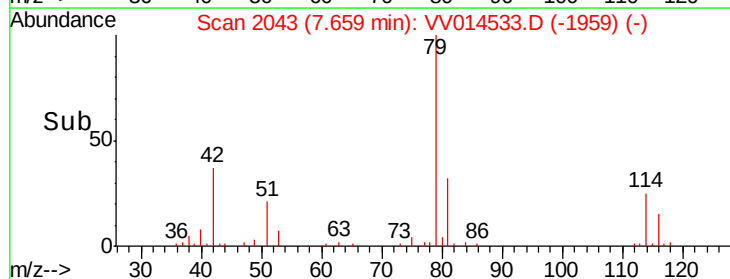
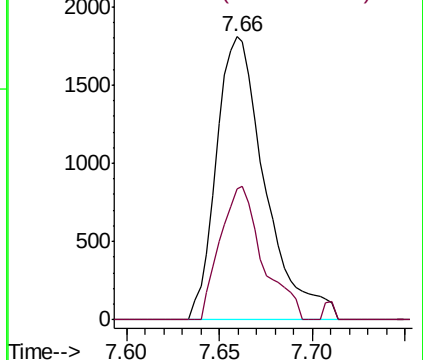
75 100

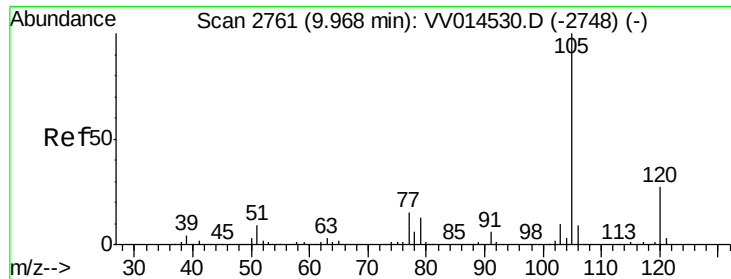
77 46.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#60

Isopropylbenzene

Concen: 0.024 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014533.D

Acq: 07 Feb 2020 12:57

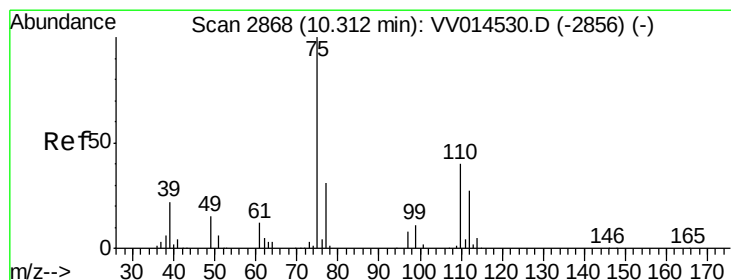
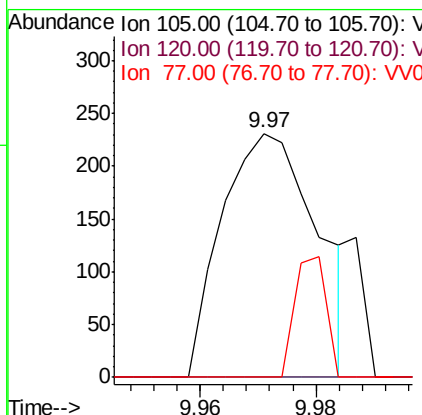
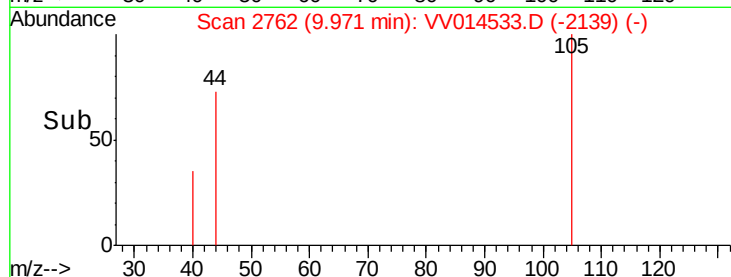
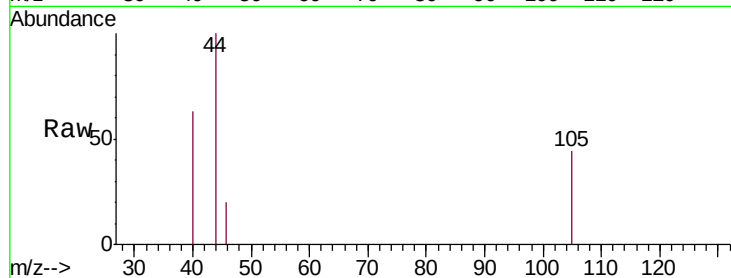
Instrument :

MSVOA_V

ClientSampleId :

VBLK205

Tgt Ion:	105	Resp:	263
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.5	32.3#
77	0.0	12.2	18.4#



#61

1,2,3-Trichloropropane

Concen: 6.323 ug/L

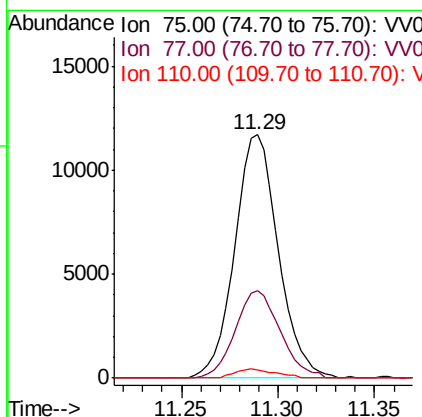
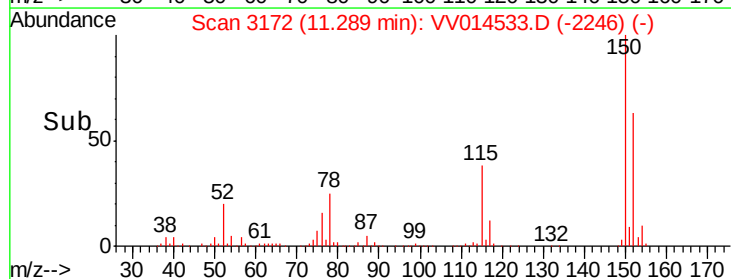
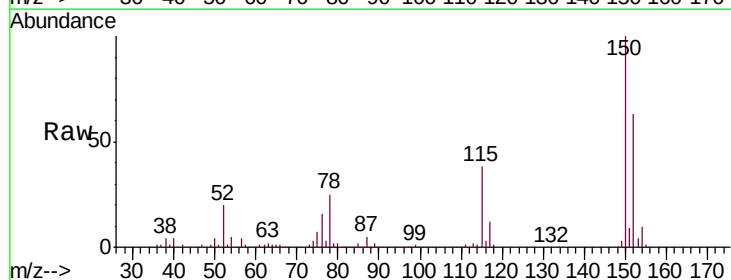
RT: 11.29 min Scan# 3172

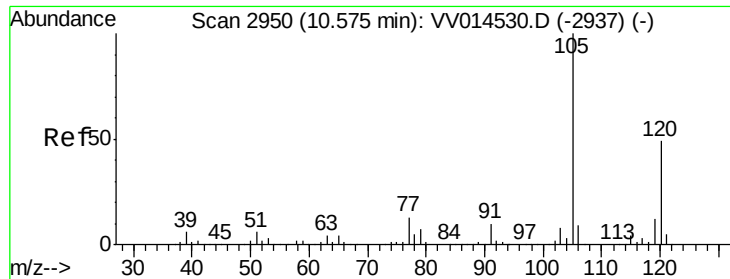
Delta R.T. 0.98 min

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Tgt Ion:	75	Resp:	18319
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.8
110	3.4	32.4	48.6#

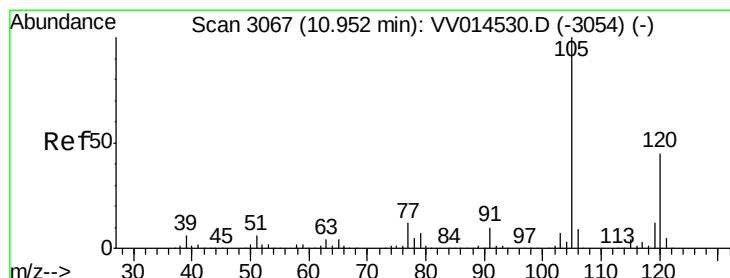
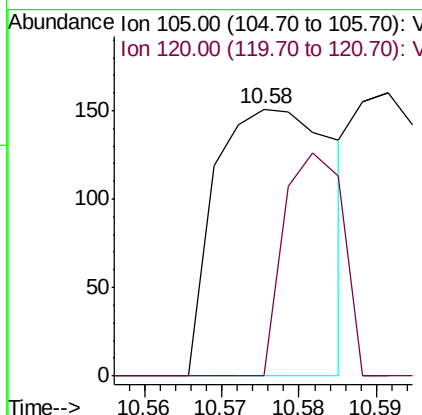
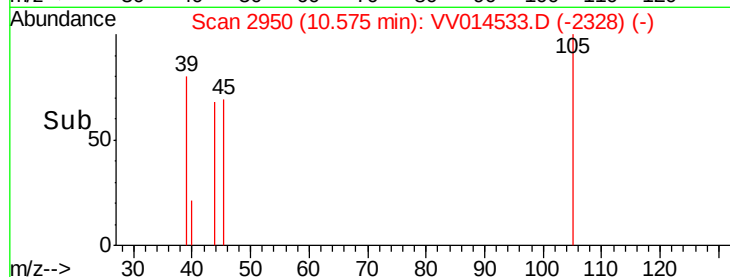
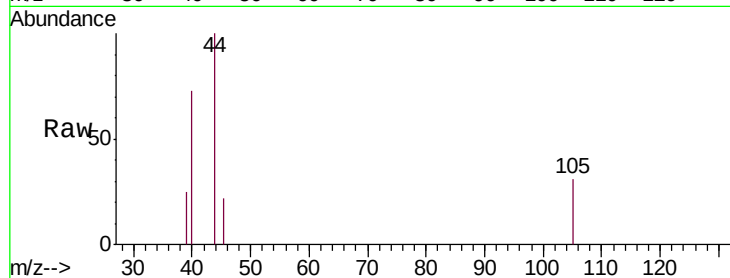




#62
 1,3,5-Trimethylbenzene
 Concen: 0.017 ug/L
 RT: 10.58 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VV014533.D
 Acq: 07 Feb 2020 12:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK205

Tgt Ion:105 Resp: 160
 Ion Ratio Lower Upper
 105 100
 120 41.9 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 0.017 ug/L
 RT: 10.58 min Scan# 2950
 Delta R.T. -0.38 min
 Lab File: VV014533.D
 Acq: 07 Feb 2020 12:57

Tgt Ion:105 Resp: 160
 Ion Ratio Lower Upper
 105 100
 120 41.9 36.2 54.4

