

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080719\
 Data File : VV012121.D
 Acq On : 07 Aug 2019 12:31
 Operator : SY/MD
 Sample : VV0807WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Aug 08 01:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 01:11:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	243037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	239219	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	115970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63634	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	42721	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	82539	35.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.68%
21) 2-Butanone-d5	3.92	46	108336	111.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.92%
24) Chloroform-d	4.40	84	166194	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.08	65	113588	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
32) Benzene-d6	5.10	84	323227	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.12	67	95917	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.36	98	338854	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%
43) trans-1,3-Dichloropropene-	7.66	79	57684	50.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.76%
47) 2-Hexanone-d5	8.13	63	93511	112.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.91%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	147580	52.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.02%
66) 1,2-Dichlorobenzene-d4	11.67	152	146129	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%

Target Compounds

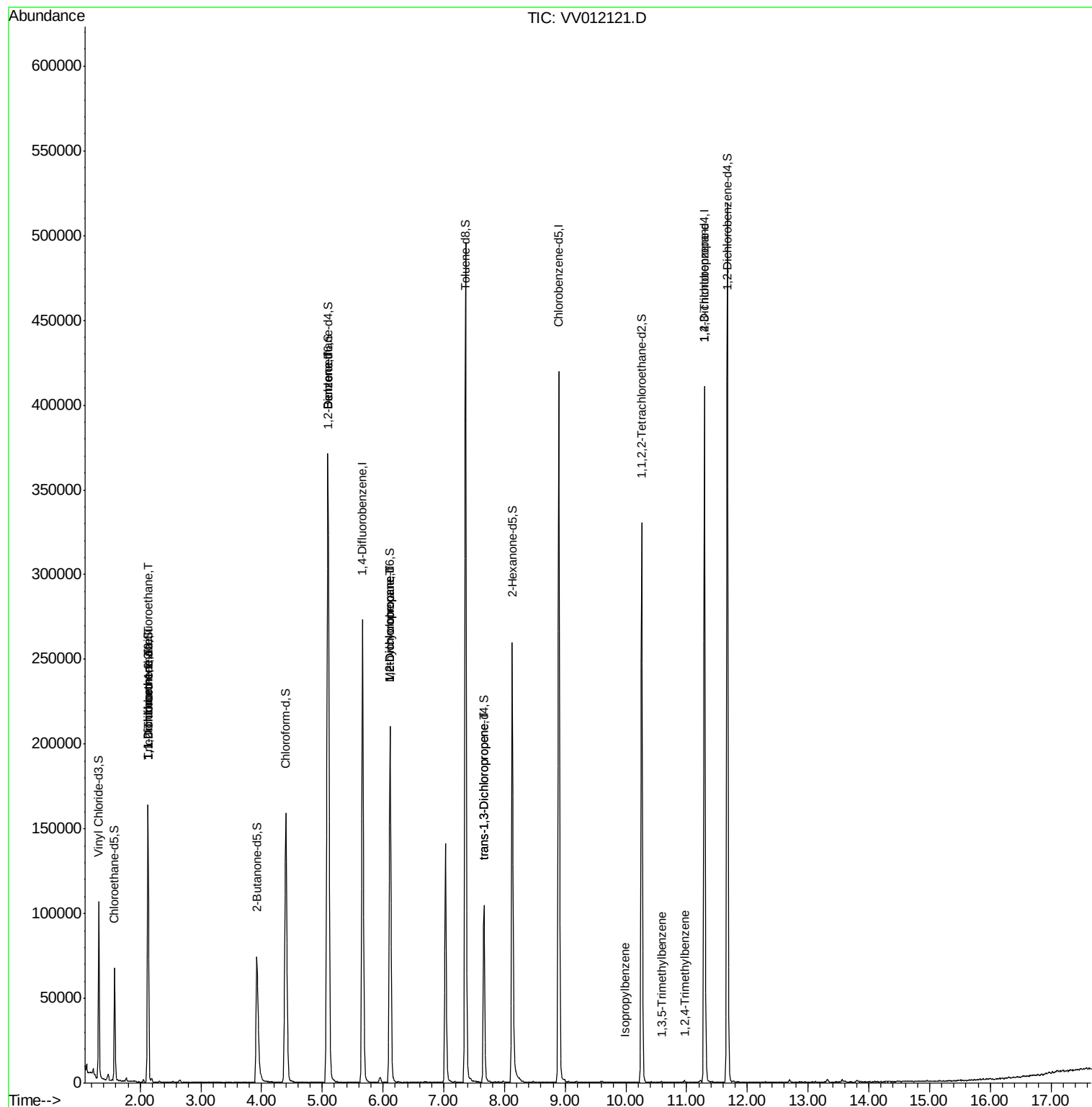
					Qvalue
9) Trichlorofluoromethane	2.13	101	988	0.516 ug/L #	25
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	988	1.054 ug/L #	14
12) 1,1-Dichloroethene	2.13	96	726	0.822 ug/L #	1
33) Benzene	5.10	78	2512	0.456 ug/L	100
35) Methylcyclohexane	6.12	83	25192	11.058 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	11765	8.759 ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	2819	1.261 ug/L	99
60) Isopropylbenzene	9.98	105	407	0.064 ug/L #	54
61) 1,2,3-Trichloropropane	11.29	75	10533	6.689 ug/L #	60
62) 1,3,5-Trimethylbenzene	10.59	105	334	0.061 ug/L	94
63) 1,2,4-Trimethylbenzene	10.96	105	604	0.112 ug/L	93

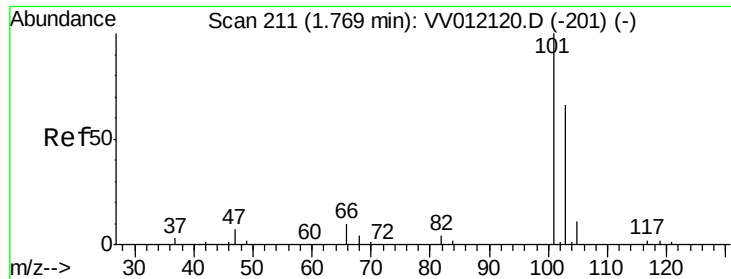
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 07 Aug 2019 12:31
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Misc : 5.0mL/MSVOA_V/WATER
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VBLK61

Quant Time: Aug 08 01:14:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 01:11:59 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.516 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.36 min

Lab File: VV012121.D

Acq: 07 Aug 2019 12:31

Instrument :

MSVOA_V

ClientSampleId :

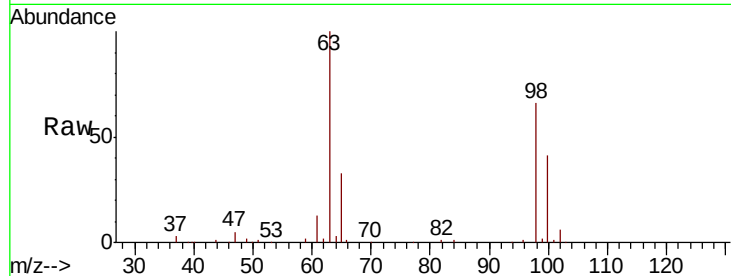
VBLK61

Tgt Ion:101 Resp: 988

Ion Ratio Lower Upper

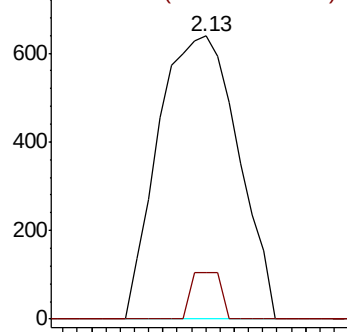
101 100

103 6.1 52.5 78.7#

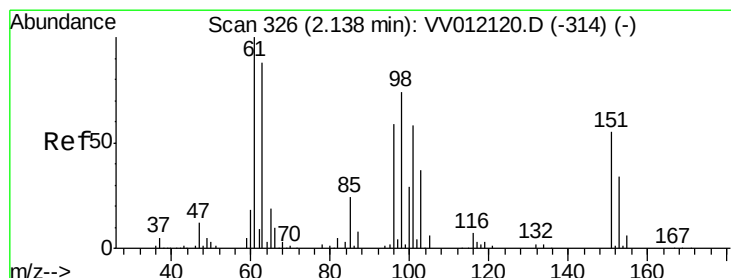
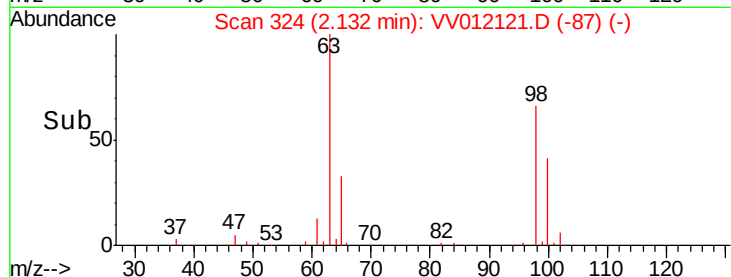


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 1.054 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012121.D

Acq: 07 Aug 2019 12:31

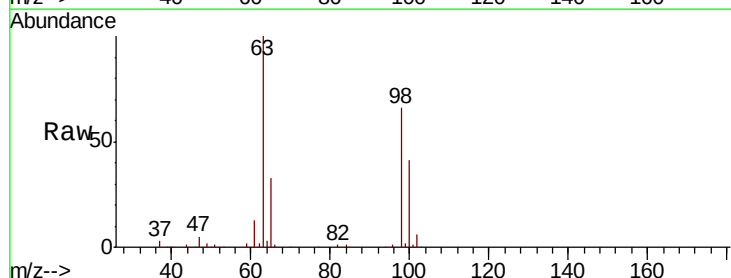
Tgt Ion:101 Resp: 988

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

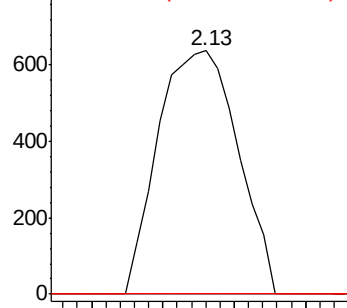
151 0.0 72.2 108.2#



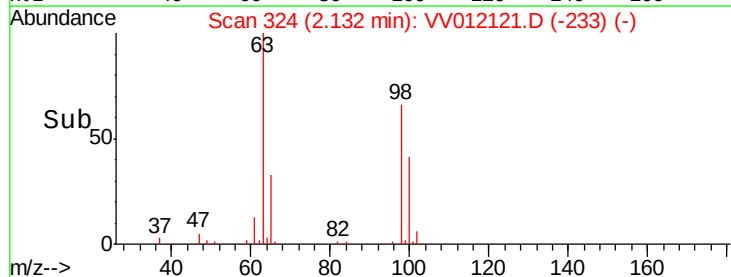
Abundance Ion 101.00 (100.70 to 101.70): V

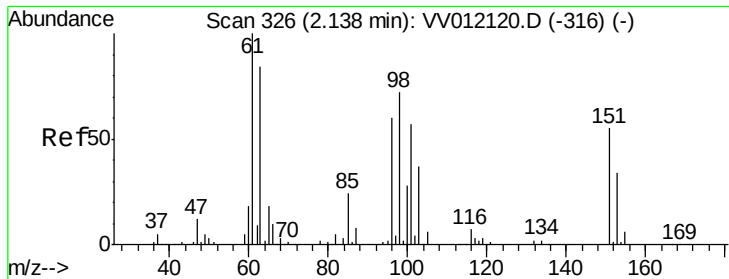
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->

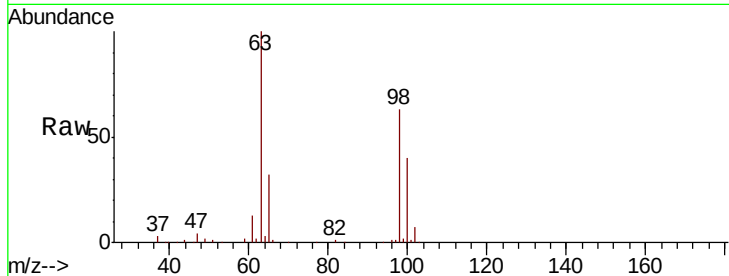




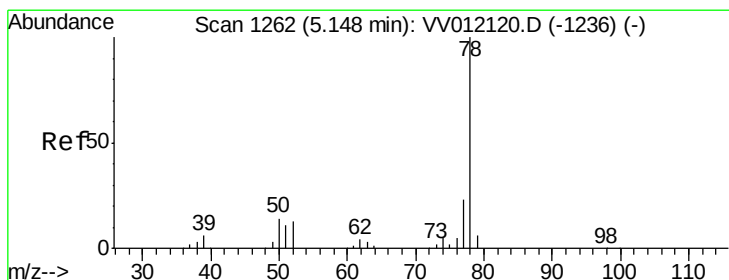
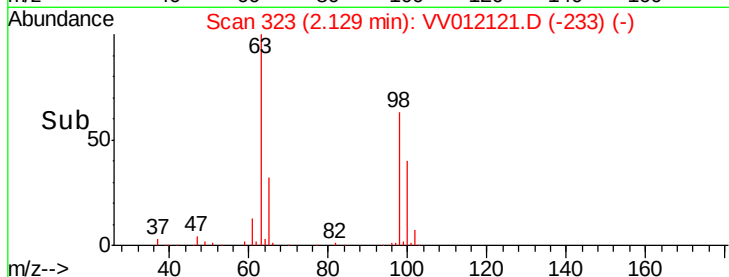
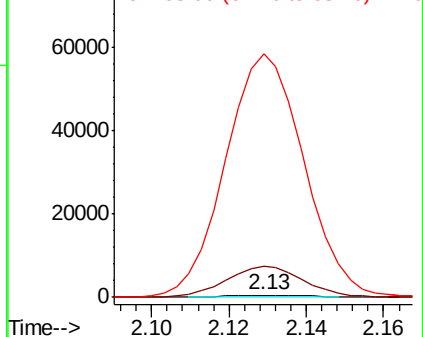
#12
 1,1-Dichloroethene
 Concen: 0.822 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012121.D
 Acq: 07 Aug 2019 12:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Tgt Ion: 96 Resp: 726
 Ion Ratio Lower Upper
 96 100
 61 1450.2 120.0 223.0#
 63 11485.0 98.3 182.7#

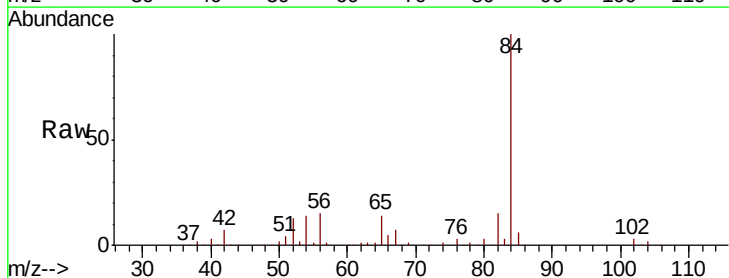


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

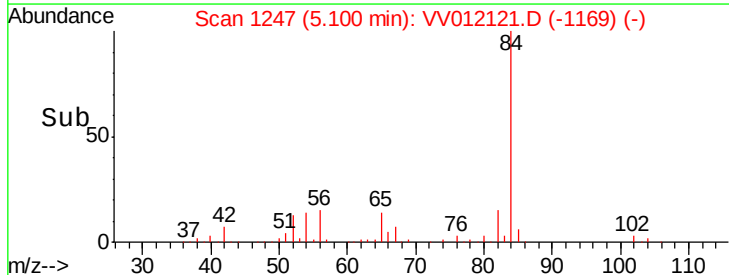
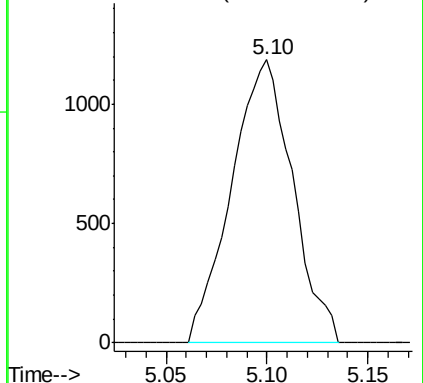


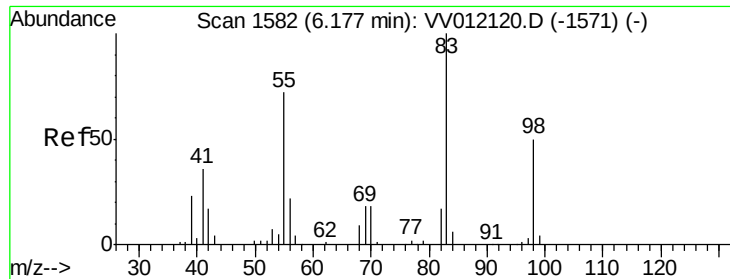
#33
 Benzene
 Concen: 0.456 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: VV012121.D
 Acq: 07 Aug 2019 12:31

Tgt Ion: 78 Resp: 2512



Abundance Ion 78.00 (77.70 to 78.70): VV0

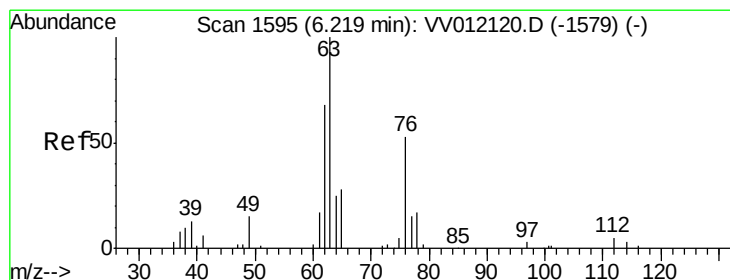
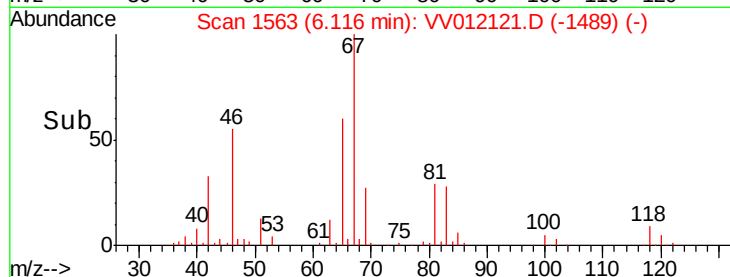
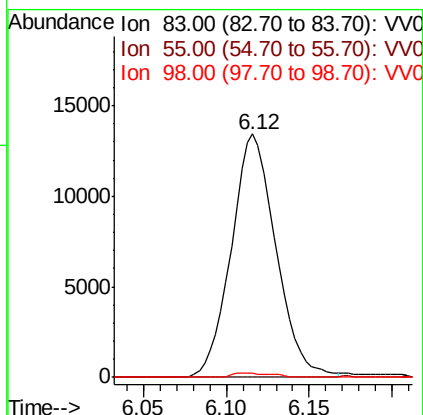
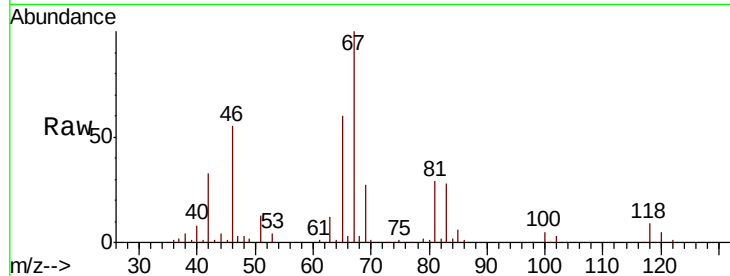




#35
Methylcyclohexane
Concen: 11.058 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012121.D
Acq: 07 Aug 2019 12:31

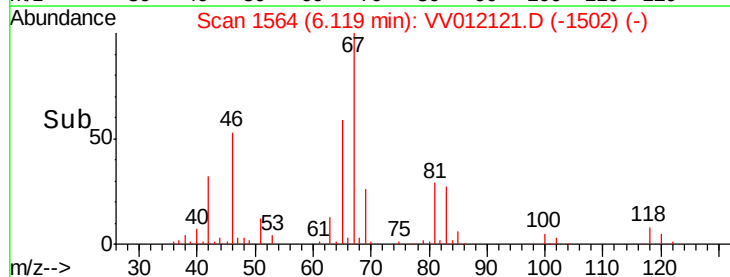
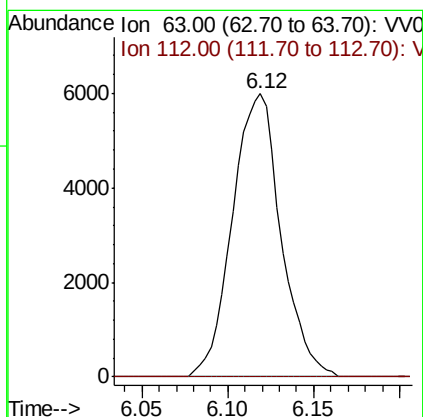
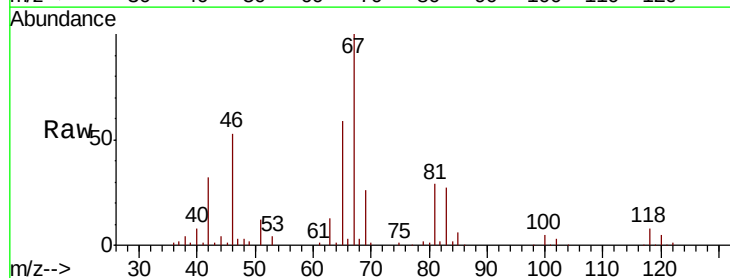
Instrument :
MSVOA_V
ClientSampled :
VBLK61

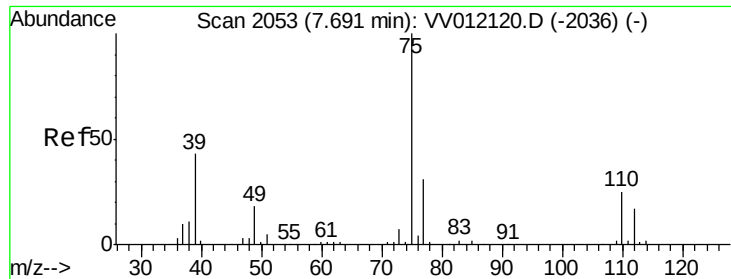
Tgt Ion: 83 Resp: 25192
Ion Ratio Lower Upper
83 100
55 0.2 55.5 83.3#
98 1.1 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 8.759 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012121.D
Acq: 07 Aug 2019 12:31

Tgt Ion: 63 Resp: 11765
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#44

trans-1,3-Dichloropropene

Concen: 1.261 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012121.D

Acq: 07 Aug 2019 12:31

Instrument :

MSVOA_V

ClientSampled :

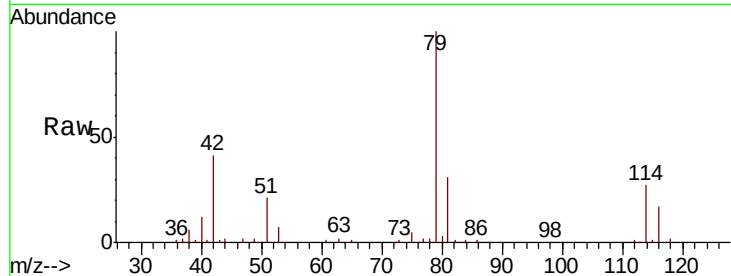
VBLK61

Tgt Ion: 75 Resp: 2819

Ion Ratio Lower Upper

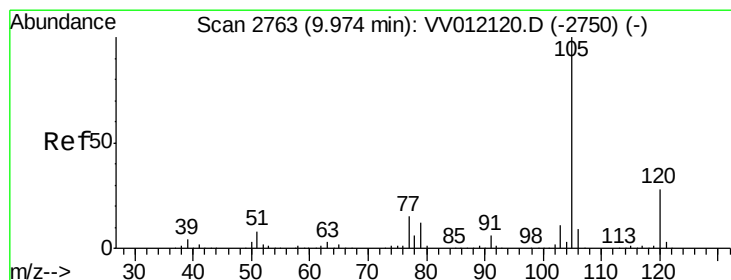
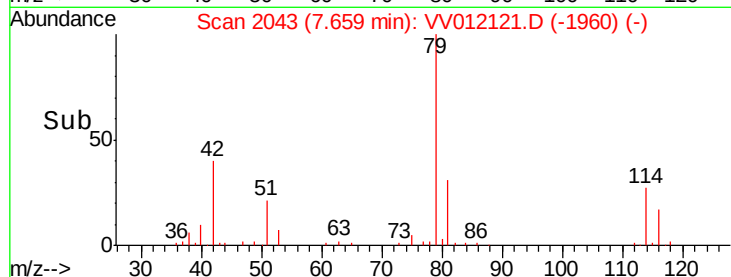
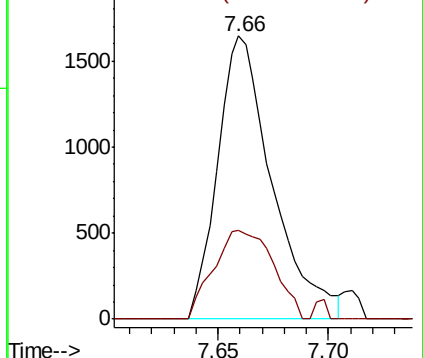
75 100

77 31.6 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#60

Isopropylbenzene

Concen: 0.064 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV012121.D

Acq: 07 Aug 2019 12:31

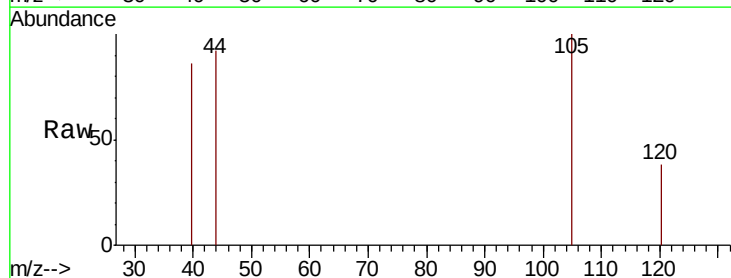
Tgt Ion: 105 Resp: 407

Ion Ratio Lower Upper

105 100

120 0.0 21.4 32.0#

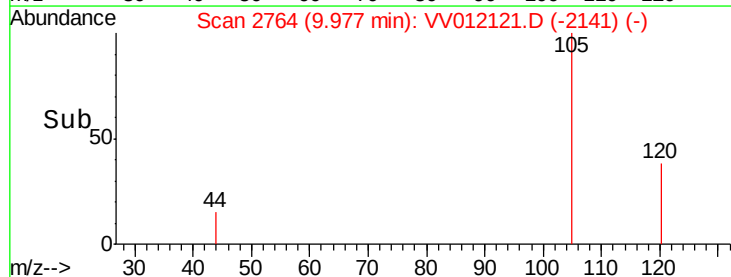
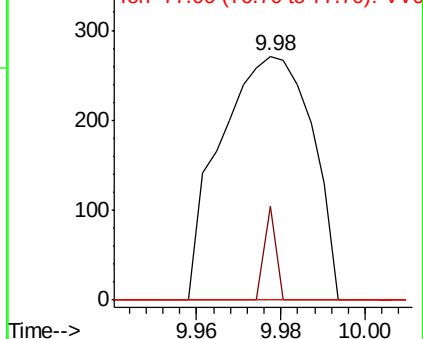
77 0.0 11.6 17.4#

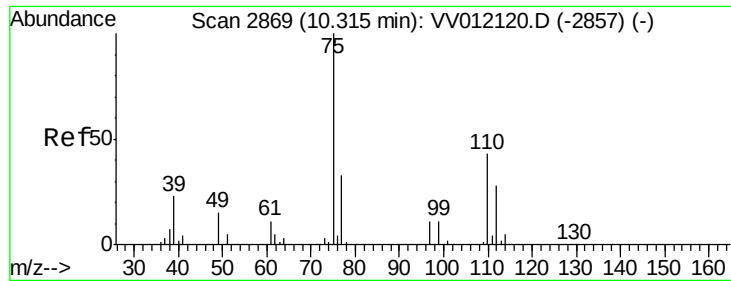


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0



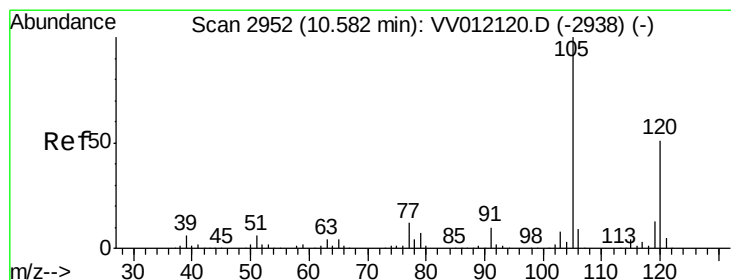
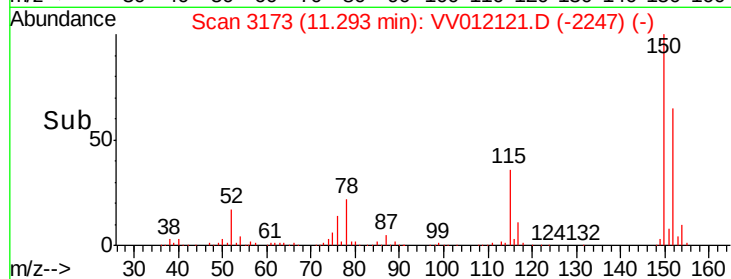
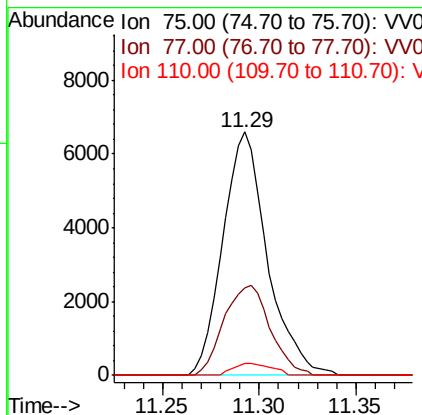
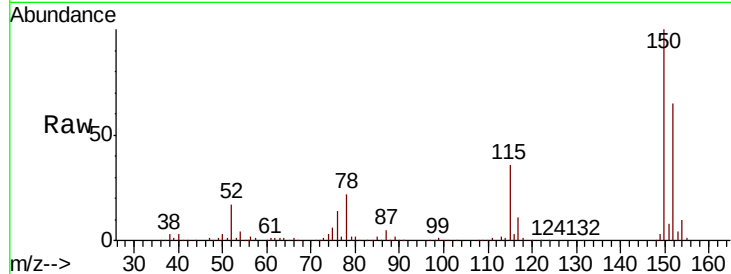


#61

1,2,3-Trichloropropane
Concen: 6.689 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012121.D
Acq: 07 Aug 2019 12:31

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

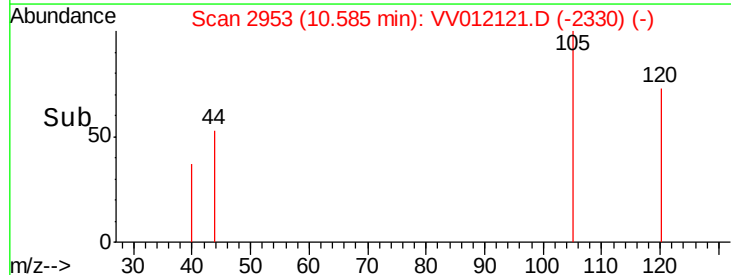
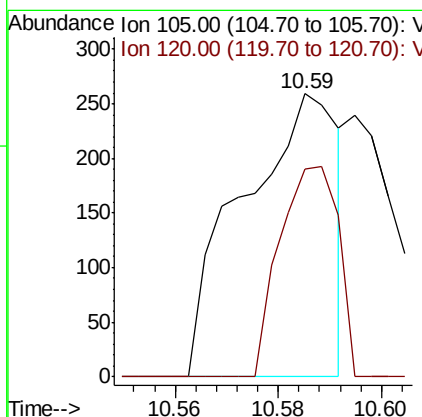
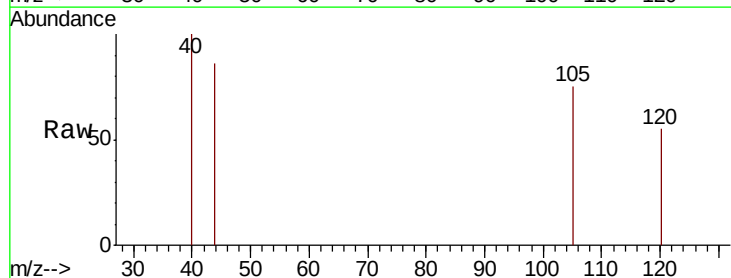
Tgt Ion: 75 Resp: 10533
Ion Ratio Lower Upper
75 100
77 38.5 25.7 38.5
110 4.1 34.2 51.4#

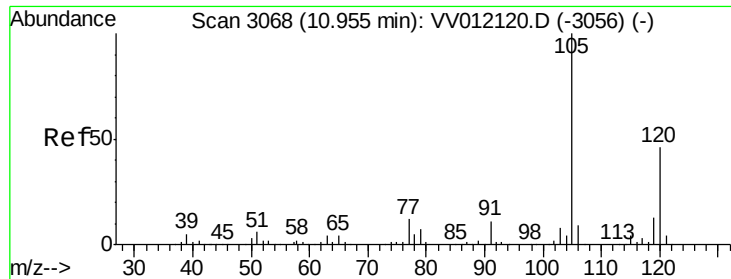


#62

1,3,5-Trimethylbenzene
Concen: 0.061 ug/L
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VV012121.D
Acq: 07 Aug 2019 12:31

Tgt Ion: 105 Resp: 334
Ion Ratio Lower Upper
105 100
120 45.2 39.2 58.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.112 ug/L
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.01 min
 Lab File: VV012121.D
 Acq: 07 Aug 2019 12:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Tgt Ion:105 Resp: 604
 Ion Ratio Lower Upper
 105 100
 120 41.4 36.7 55.1

