

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100620\
 Data File : VV018686.D
 Acq On : 06 Oct 2020 11:36
 Operator : SY/MD
 Sample : VV1006WBL04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK305

Quant Time: Oct 07 05:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 05:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	235357	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232887	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	124707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78023	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.86%
7) Chloroethane-d5	1.58	69	59898	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.12	63	116372	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	3.90	46	91353	87.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.27%
24) Chloroform-d	4.37	84	141252	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
26) 1,2-Dichloroethane-d4	5.05	65	99621	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.07	84	277653	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.09	67	87410	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.46%
41) Toluene-d8	7.34	98	252959	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.64	79	44127	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.00%
47) 2-Hexanone-d5	8.11	63	49601	71.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.26%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	101724	41.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.78%
66) 1,2-Dichlorobenzene-d4	11.65	152	113991	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

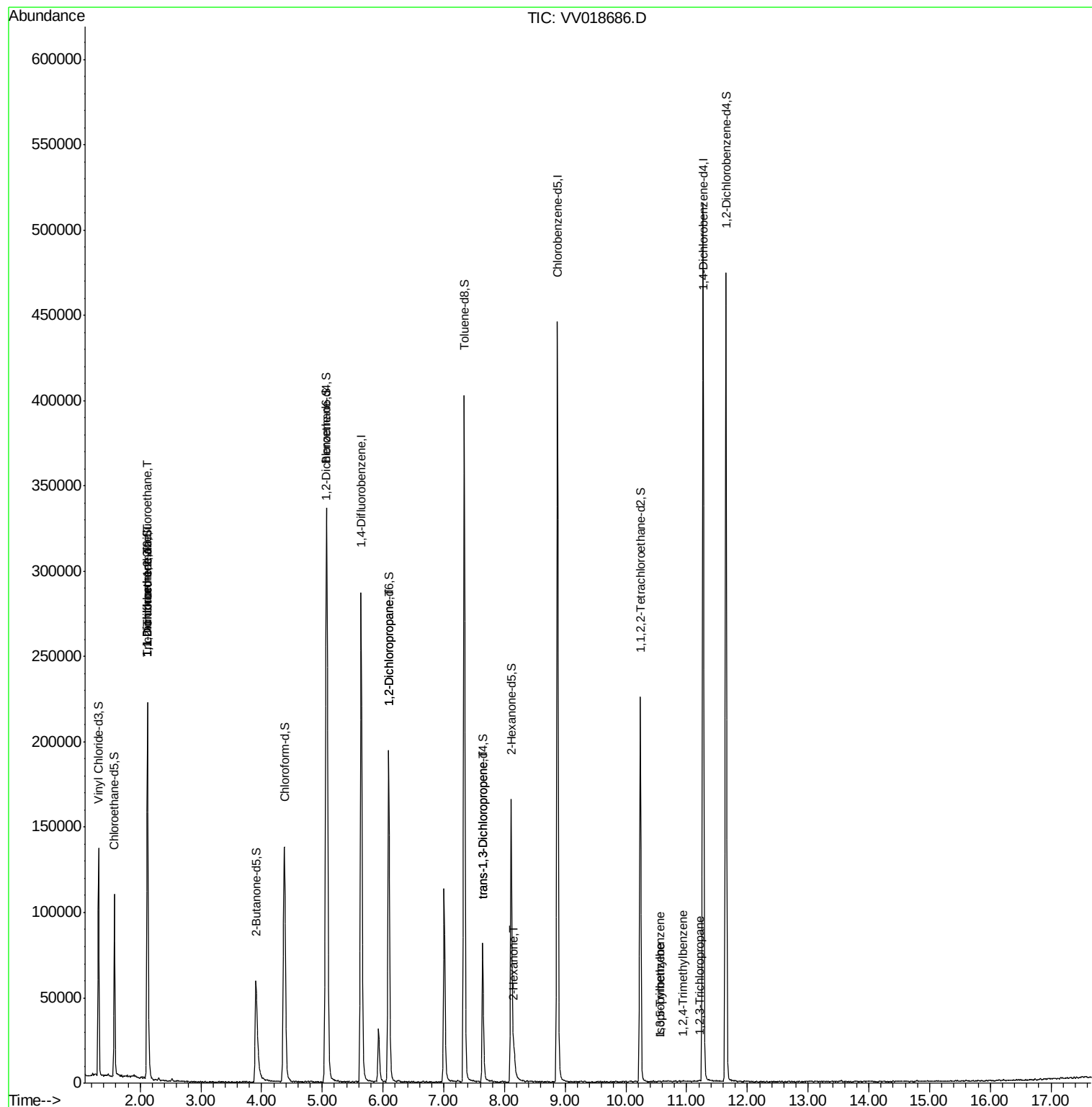
					Ovalue
9) Trichlorofluoromethane	2.12	101	1310	0.467 ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1310	0.762 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1048	0.641 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	10902	5.911 ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	2382	0.868 ug/L	99
48) 2-Hexanone	8.16	43	8650	4.663 ug/L #	95
60) Isopropylbenzene	10.56	105	40	0.005 ug/L #	54
61) 1,2,3-Trichloropropane	11.22	75	43	0.020 ug/L #	39
62) 1,3,5-Trimethylbenzene	10.56	105	40	0.006 ug/L #	28
63) 1,2,4-Trimethylbenzene	10.94	105	216	0.034 ug/L #	83

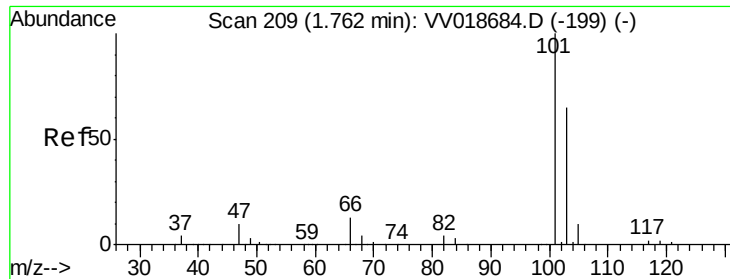
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 05:40:49 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.467 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.36 min

Lab File: VV018686.D

Acq: 06 Oct 2020 11:36

Instrument :

MSVOA_V

ClientSampleId :

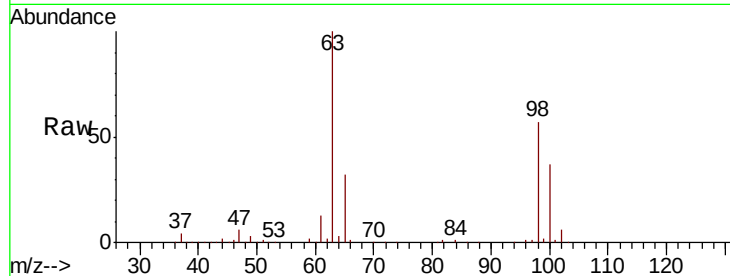
VBLK305

Tot Ion:101 Resp: 1310

Ion Ratio Lower Upper

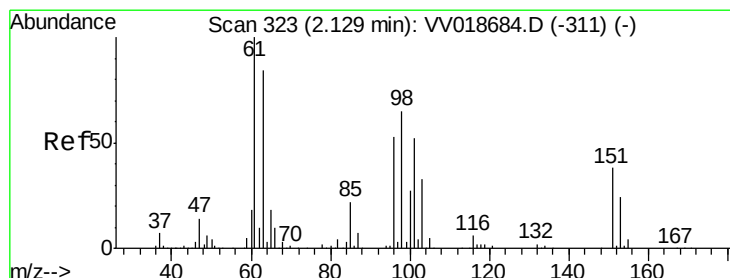
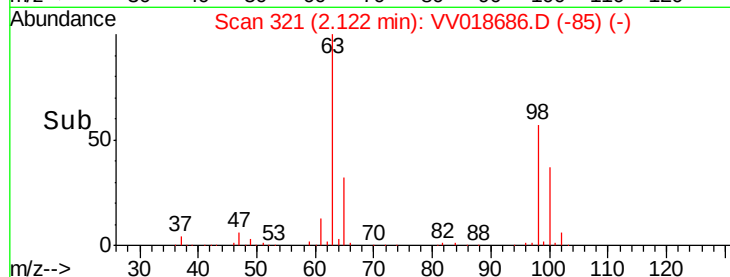
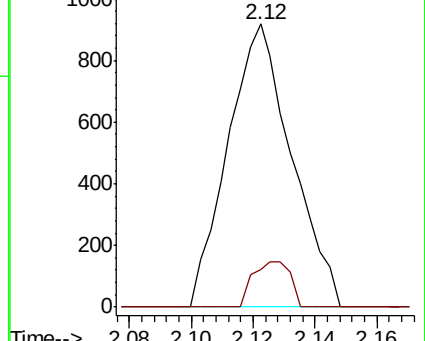
101 100

103 9.3 52.1 78.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.762 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018686.D

Acq: 06 Oct 2020 11:36

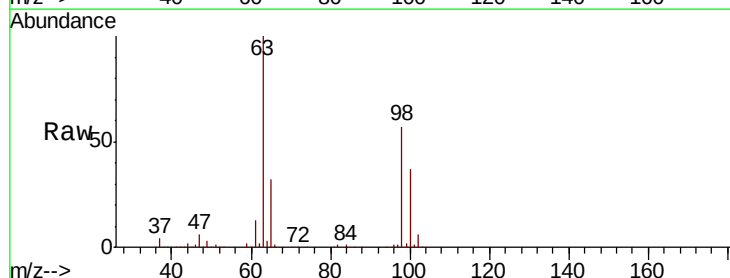
Tgt Ion:101 Resp: 1310

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

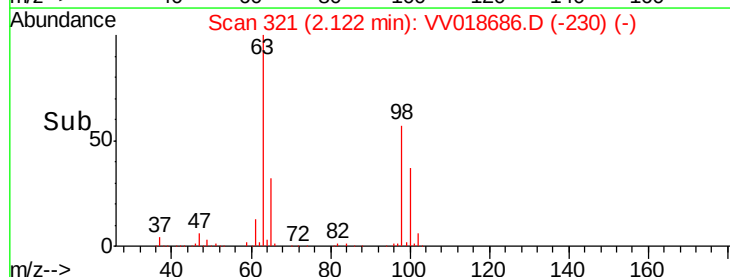
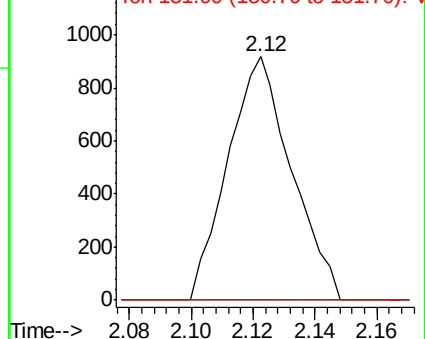
151 0.0 62.4 93.6#

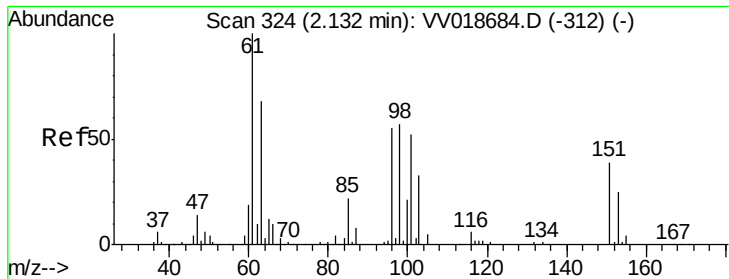


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

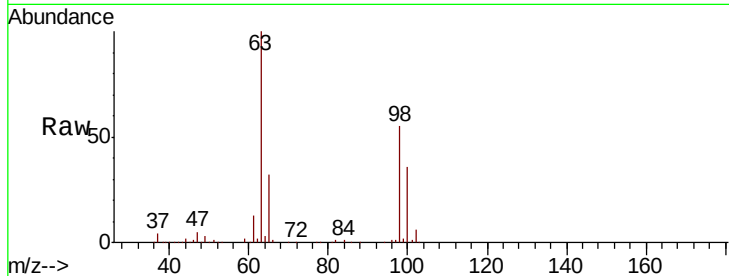




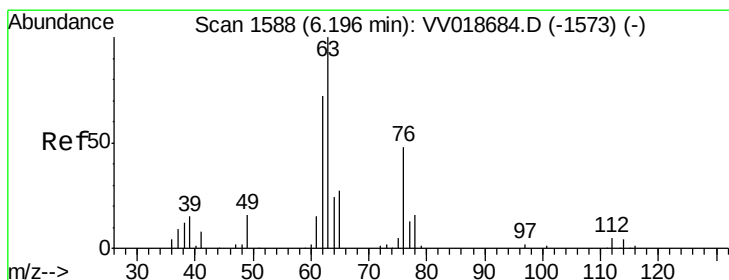
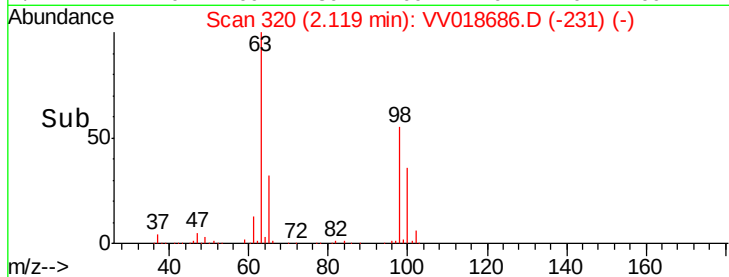
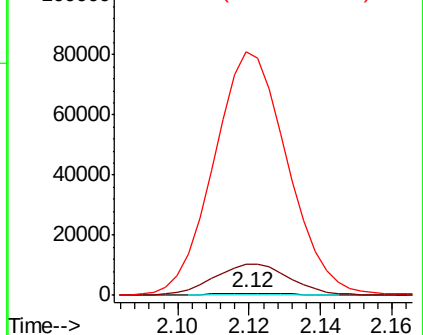
#12
 1,1-Dichloroethene
 Concen: 0.641 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV018686.D
 Acq: 06 Oct 2020 11:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK305

Tot Ion: 96 Resp: 1048
 Ion Ratio Lower Upper
 96 100
 61 1521.9 121.0 224.8#
 63 11890.7 93.0 172.6#

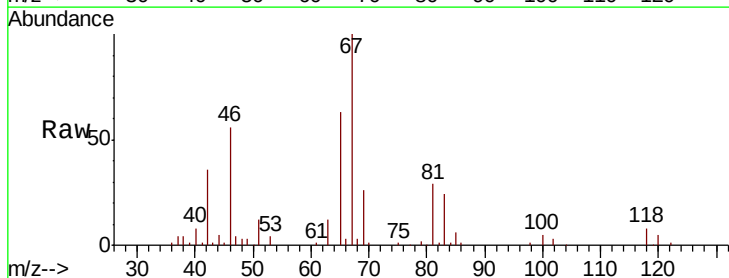


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

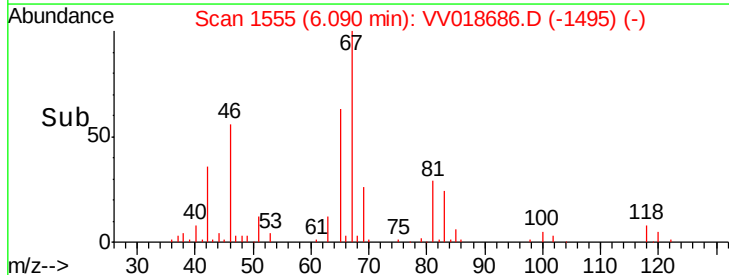
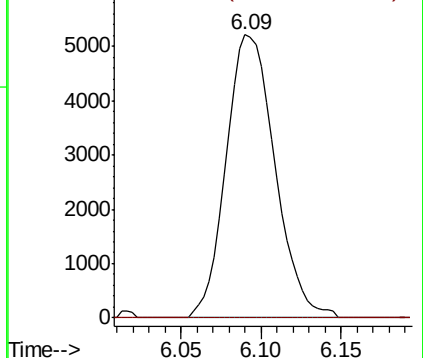


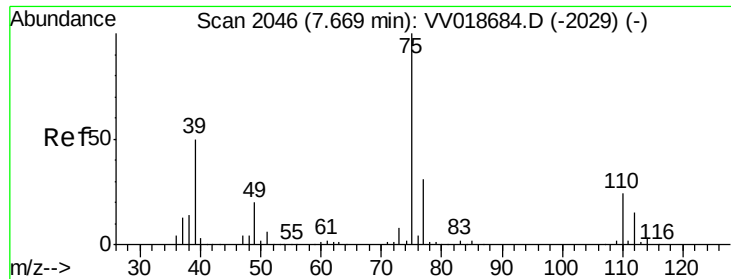
#37
 1,2-Dichloropropane
 Concen: 5.911 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018686.D
 Acq: 06 Oct 2020 11:36

Tgt Ion: 63 Resp: 10902
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): V

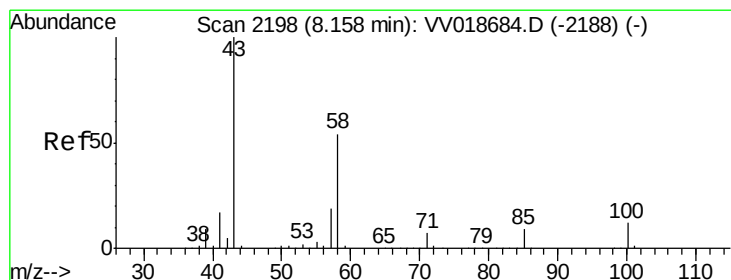
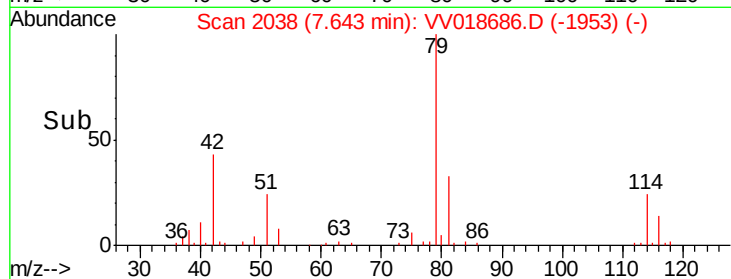
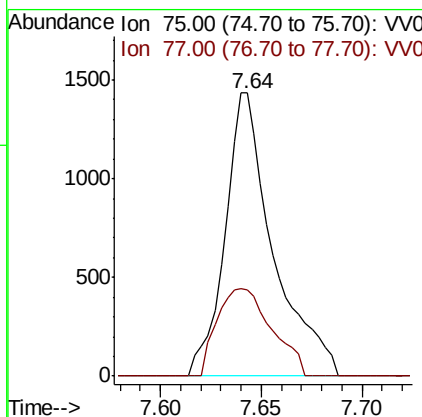
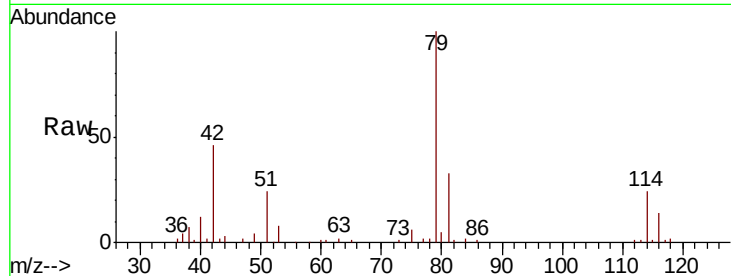




#44
trans-1,3-Dichloropropene
Concen: 0.868 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV018686.D
Acq: 06 Oct 2020 11:36

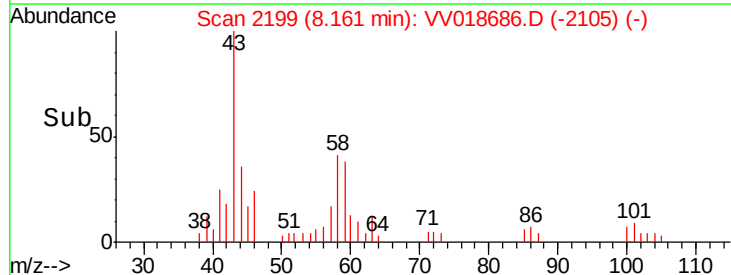
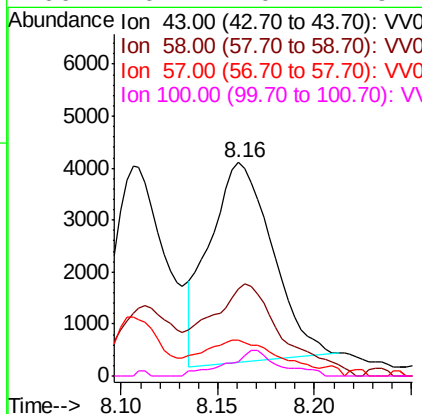
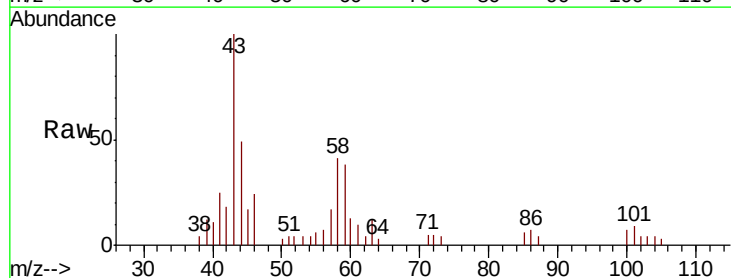
Instrument :
MSVOA_V
ClientSampleId :
VBLK305

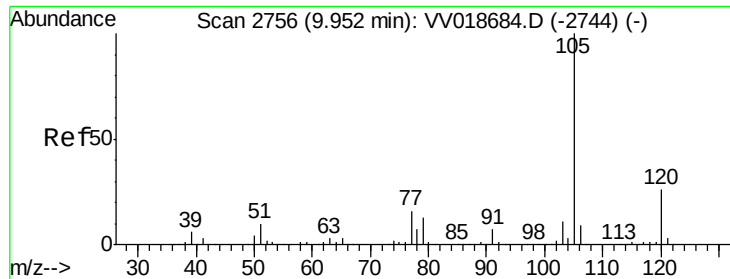
Tot Ion: 75 Resp: 2382
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4



#48
2-Hexanone
Concen: 4.663 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018686.D
Acq: 06 Oct 2020 11:36

Tgt Ion: 43 Resp: 8650
Ion Ratio Lower Upper
43 100
58 54.1 45.4 68.0
57 22.0 16.0 24.0
100 6.4 10.1 15.1#





#60

Isopropylbenzene

Concen: 0.005 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. 0.61 min

Lab File: VV018686.D

Acq: 06 Oct 2020 11:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK305

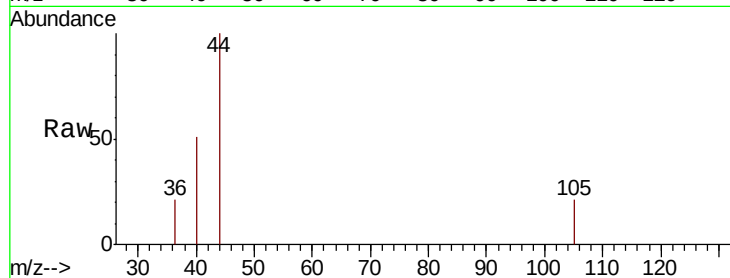
Tot Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 20.8 31.2#

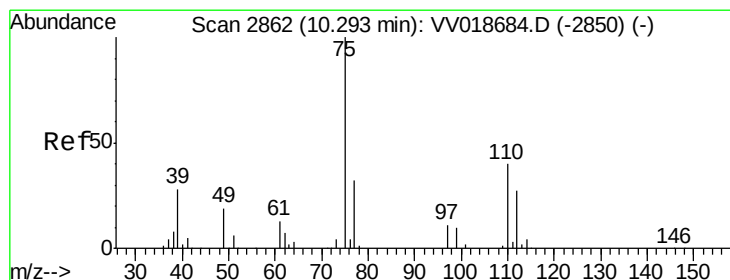
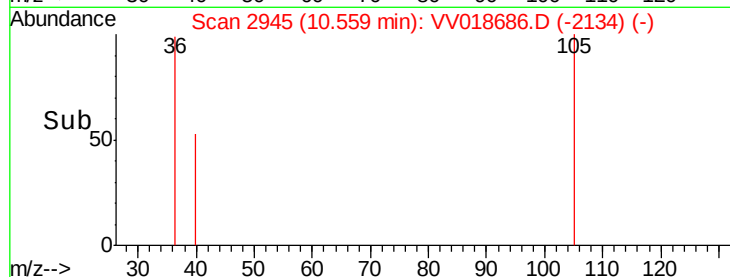
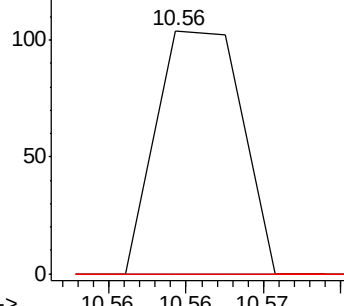
77 0.0 12.8 19.2#



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): V



#61

1,2,3-Trichloropropane

Concen: 0.020 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.93 min

Lab File: VV018686.D

Acq: 06 Oct 2020 11:36

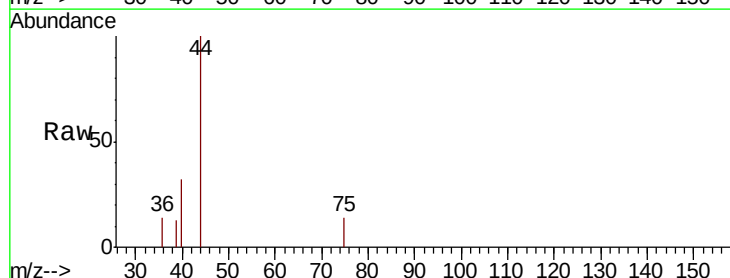
Tgt Ion: 75 Resp: 43

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

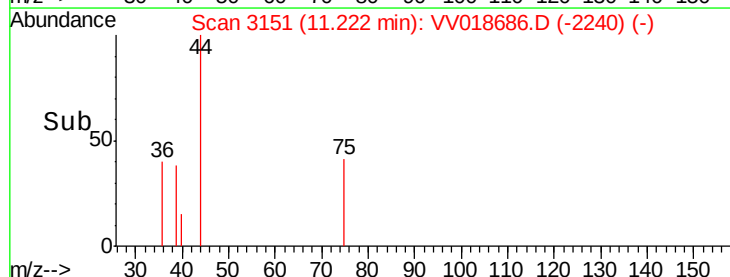
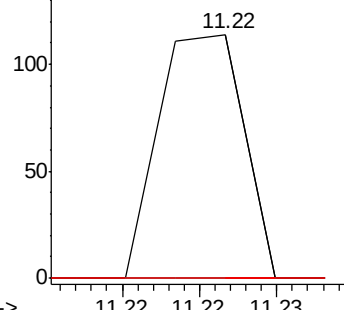
110 0.0 31.5 47.3#

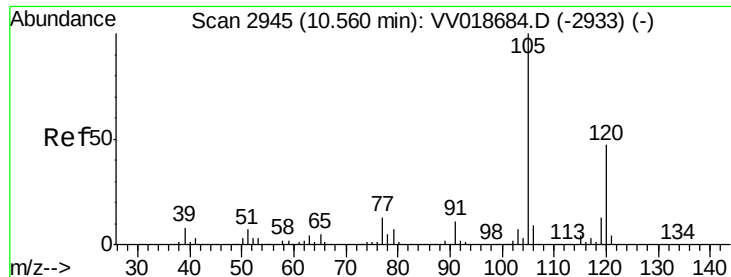


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.006 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. -0.00 min

Lab File: VV018686.D

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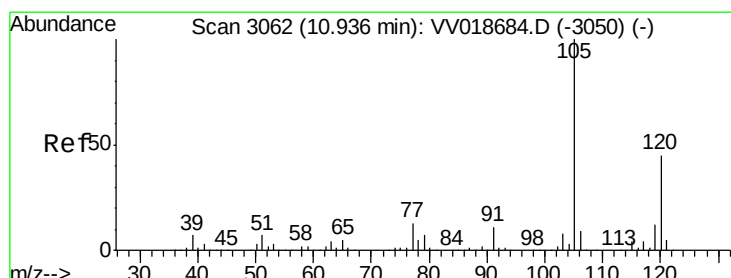
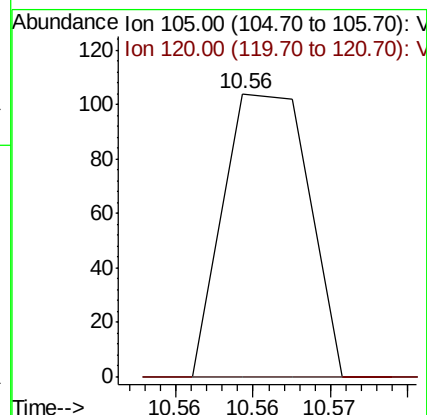
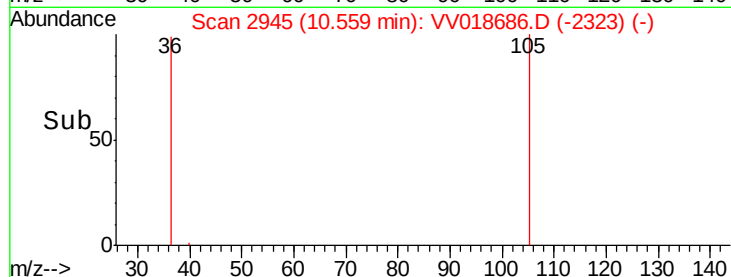
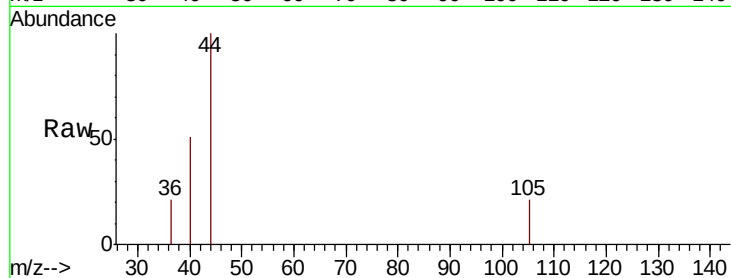
VBLK305

Tot Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 39.1 58.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.034 ug/L

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VV018686.D

Acq: 06 Oct 2020 11:36

Tgt Ion:105 Resp: 216

Ion Ratio Lower Upper

105 100

120 33.8 36.2 54.2#

