

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019293.D
 Acq On : 06 Nov 2020 13:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK74

Quant Time: Nov 07 01:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117258	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57125	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	73289	78.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	157.30%#
7) Chloroethane-d5	1.58	69	63221	87.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	174.66%#
11) 1,1-Dichloroethene-d2	2.12	63	112565	63.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.00%#
21) 2-Butanone-d5	3.90	46	105449	184.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	184.76%#
24) Chloroform-d	4.37	84	144658	83.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	166.90%#
26) 1,2-Dichloroethane-d4	5.05	65	104477	86.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	173.00%#
32) Benzene-d6	5.07	84	274544	83.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	166.16%#
36) 1,2-Dichloropropane-d6	6.09	67	88443	89.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	179.52%#
41) Toluene-d8	7.33	98	242943	76.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	153.06%#
43) trans-1,3-Dichloropropene-	7.64	79	43481	76.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	152.52%#
47) 2-Hexanone-d5	8.11	63	64070	150.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	150.15%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	108012	81.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	162.60%#
64) 1,2-Dichlorobenzene-d4	11.65	152	106061	88.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	176.74%#

Target Compounds

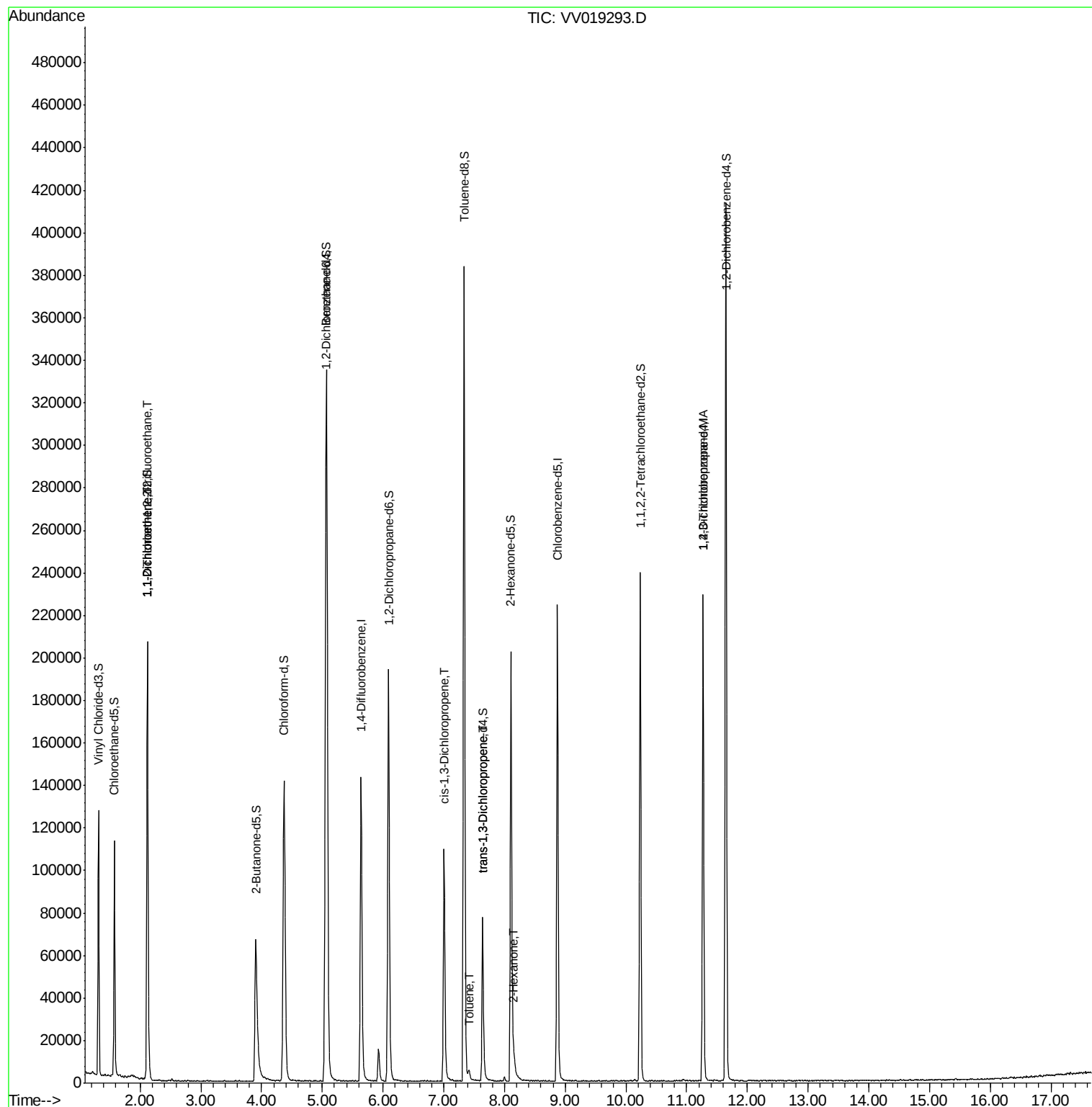
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1036	1.349 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	917	1.219 ug/L #	1
39) cis-1,3-Dichloropropene	7.00	75	2928	2.125 ug/L #	49
42) Toluene	7.42	91	3365	0.914 ug/L	90
44) trans-1,3-Dichloropropene	7.64	75	2144	1.496 ug/L #	78
48) 2-Hexanone	8.16	43	5223	5.711 ug/L #	46
59) 1,2,3-Trichloropropane	11.27	75	6827	6.261 ug/L	93

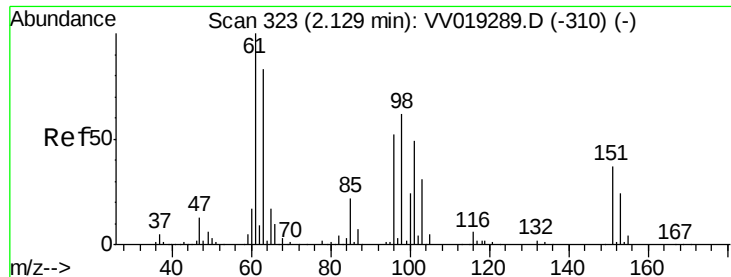
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 01:17:34 2020
Response via : Initial Calibration





#10

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

Concen: 1.349 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

Instrument :

MSVOA_V

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VIBLK74

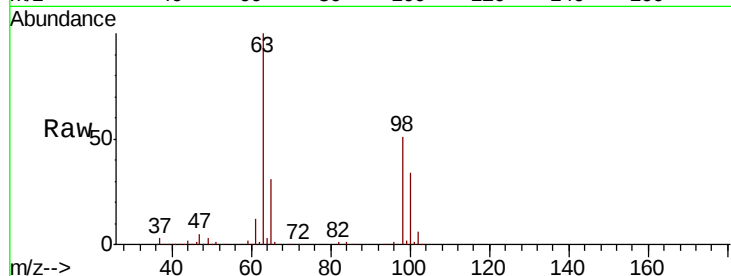
Tot Ion:101 Resp: 1036

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

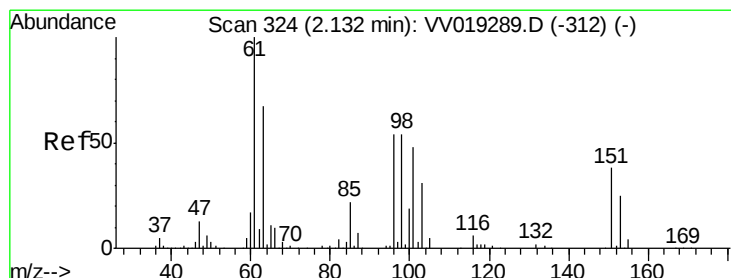
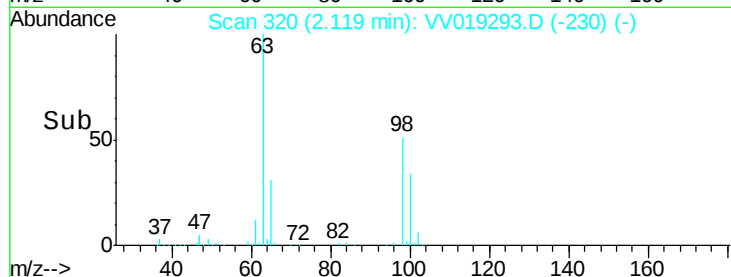
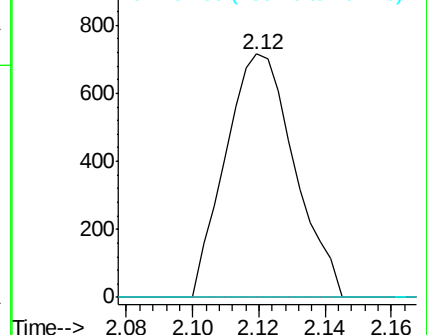
151 0.0 65.0 97.4#



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: 1.219 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

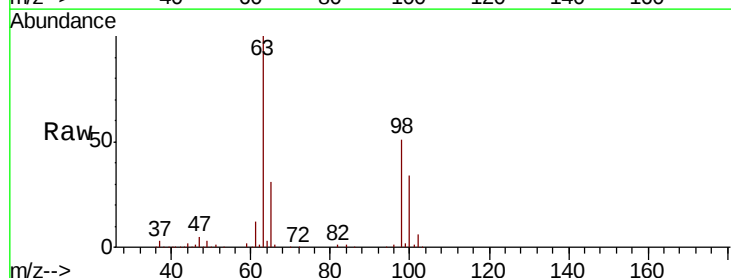
Tgt Ion: 96 Resp: 917

Ion Ratio Lower Upper

96 100

61 1418.3 132.6 246.2#

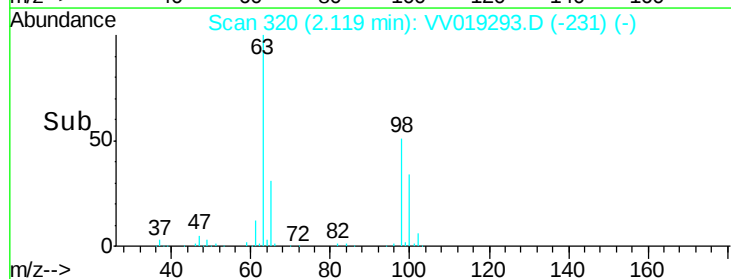
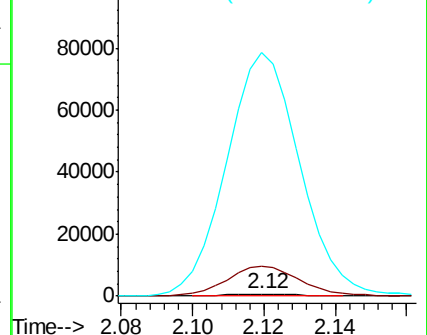
63 11582.3 108.4 201.4#

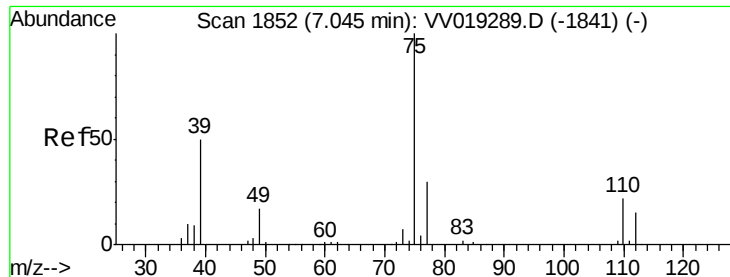


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 2.125 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

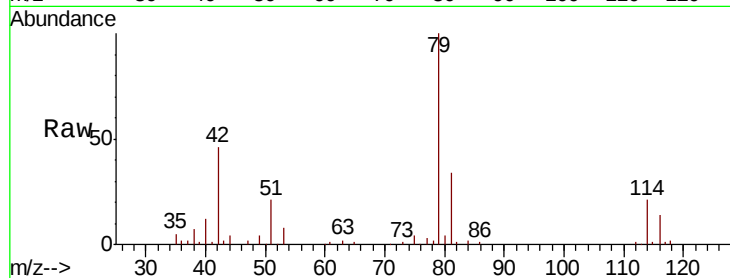
VIBLK74

Tot Ion: 75 Resp: 2928

Ion Ratio Lower Upper

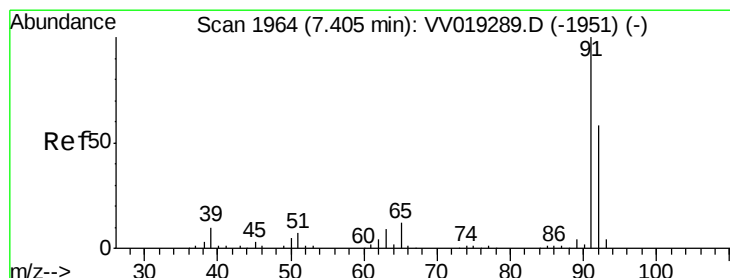
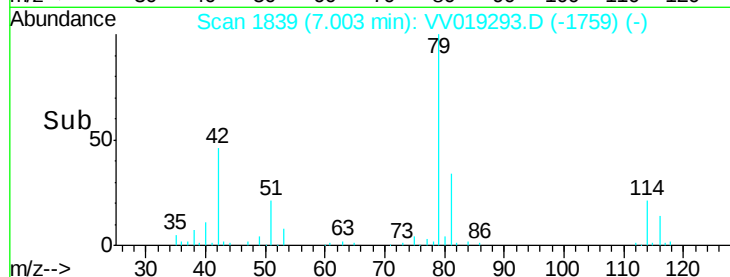
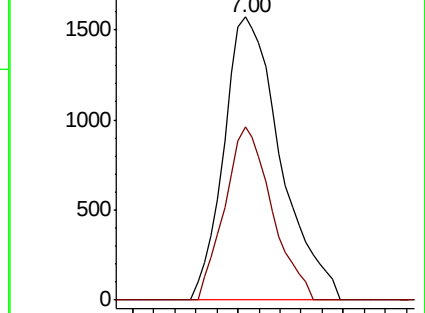
75 100

77 61.0 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#42

Toluene

Concen: 0.914 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV019293.D

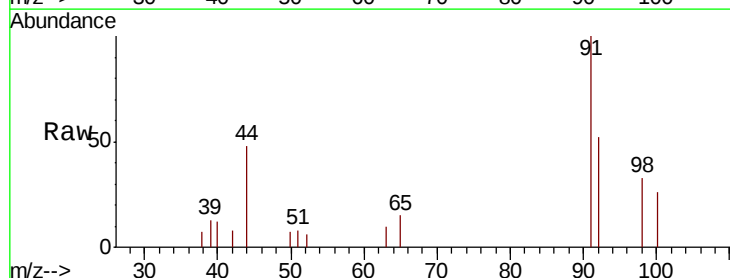
Acq: 06 Nov 2020 13:10

Tgt Ion: 91 Resp: 3365

Ion Ratio Lower Upper

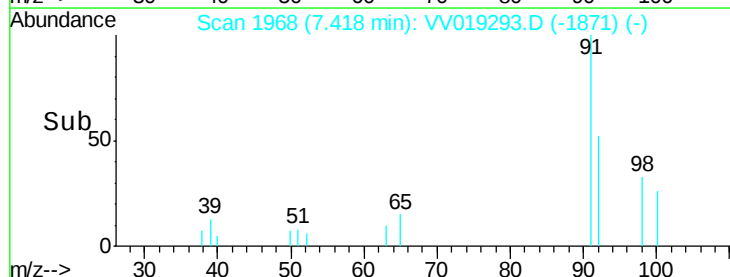
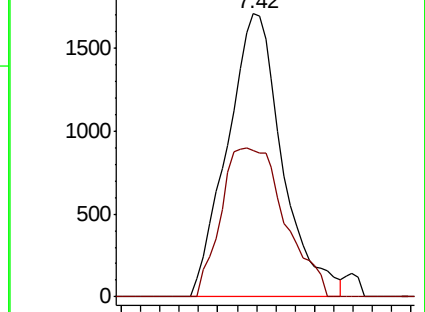
91 100

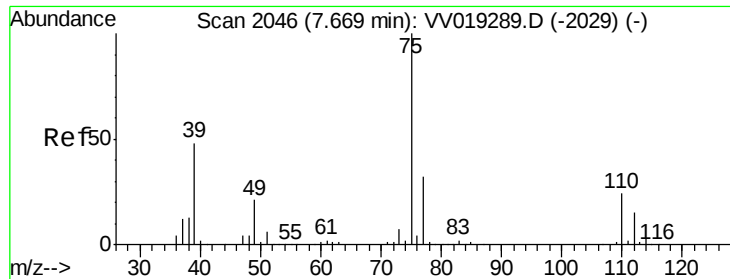
92 51.6 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.496 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

Instrument :

MSVOA_V

ClientSampled :

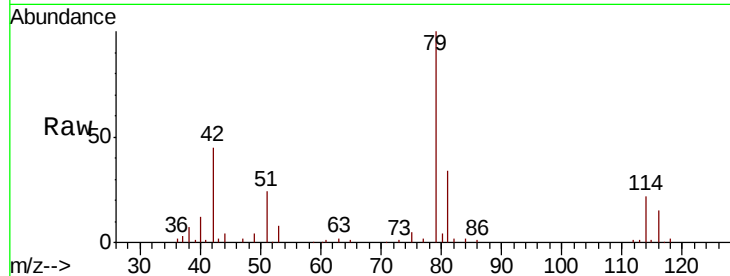
VIBLK74

Tot Ion: 75 Resp: 2144

Ion Ratio Lower Upper

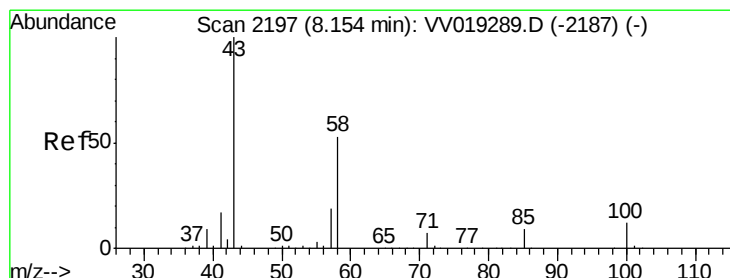
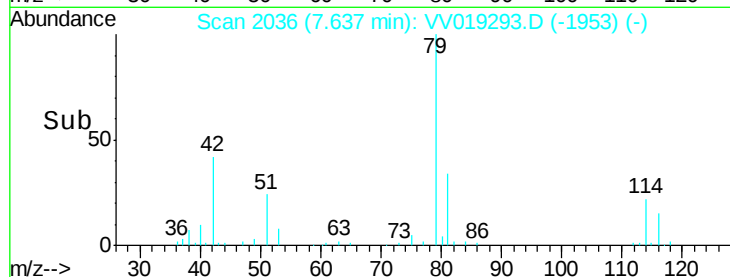
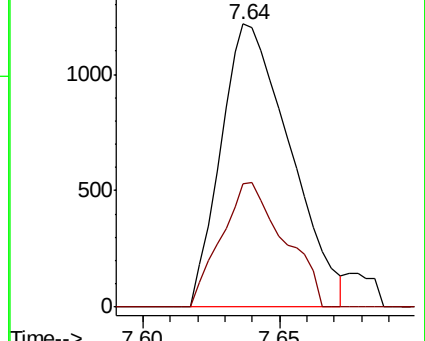
75 100

77 43.5 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 5.711 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

Tgt Ion: 43 Resp: 5223

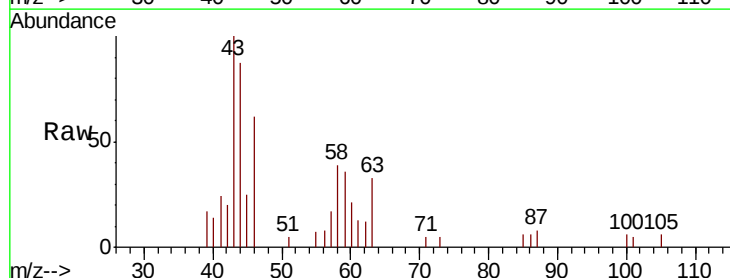
Ion Ratio Lower Upper

43 100

58 0.0 43.6 65.4#

57 11.6 16.0 24.0#

100 5.4 10.3 15.5#

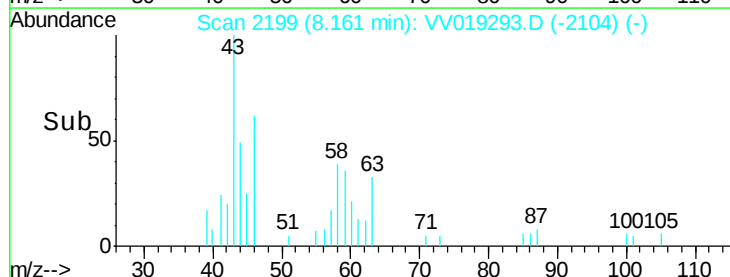
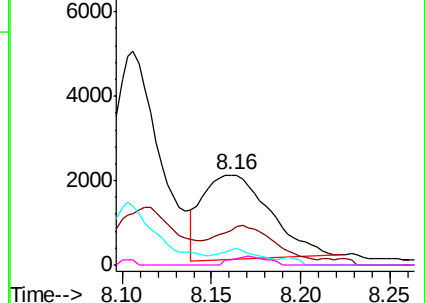


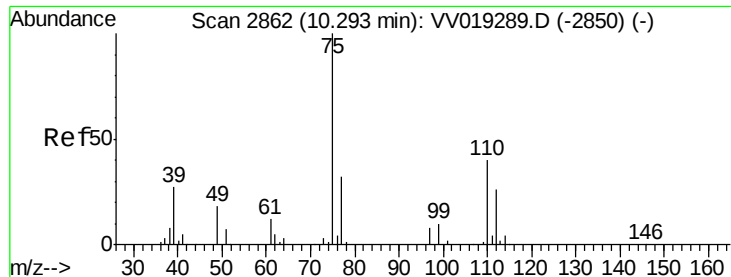
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.261 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019293.D

Acq: 06 Nov 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

VIBLK74

Tot Ion: 75 Resp: 6827

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.4

