

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017660.D
 Acq On : 24 Jul 2020 21:24
 Operator : SY/MD
 Sample : L3446-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140131	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142968	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31194	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	26251	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	53459	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	22502	14.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	28.12%#
24) Chloroform-d	4.37	84	83938	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.06	65	45752	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.07	84	146004	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	41627	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	134663	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.65	79	17431	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.12	63	46861	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26102	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53822	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

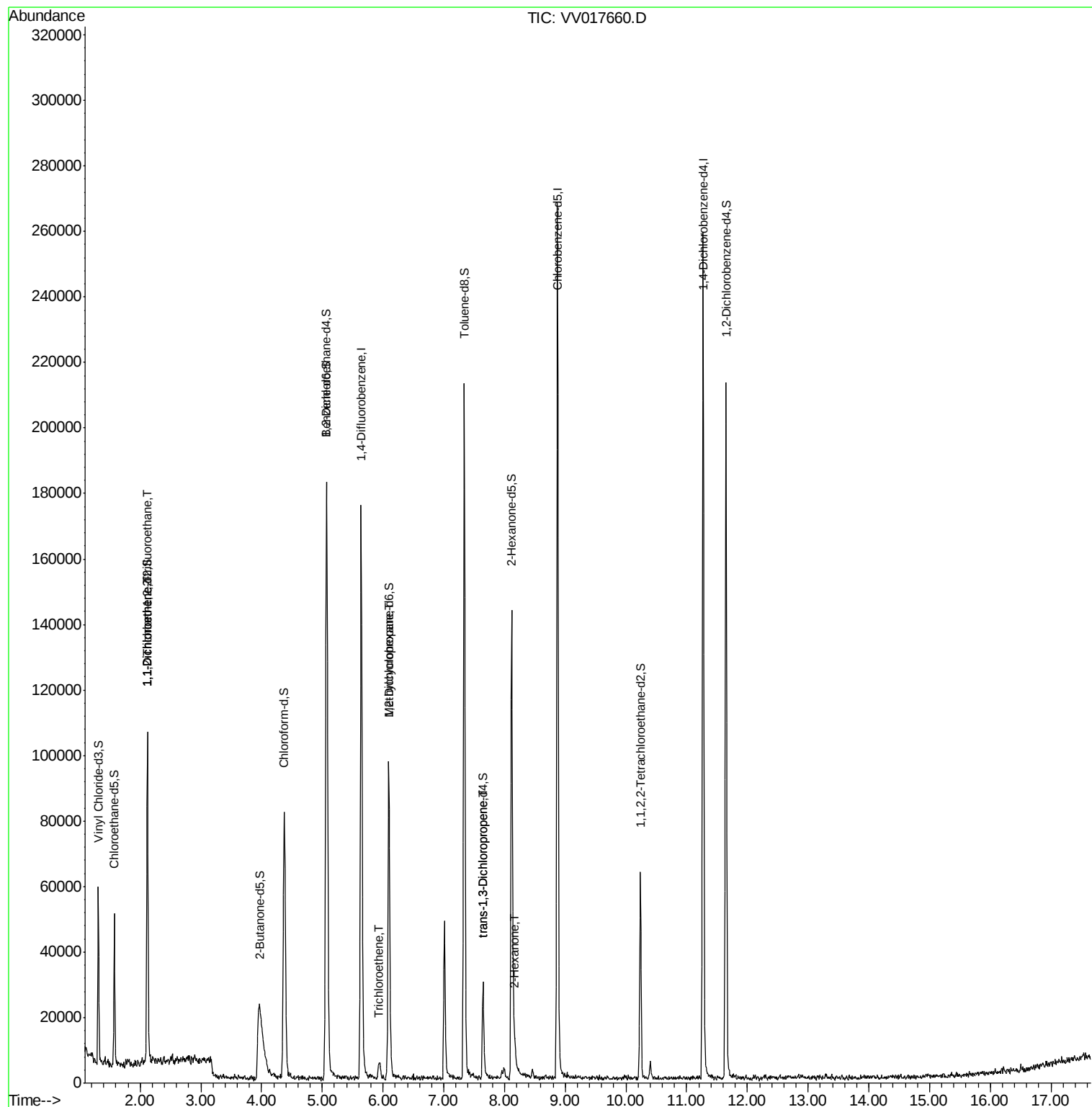
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	611	0.073 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	593	0.079 ug/L #	1
34) Trichloroethene	5.94	95	1185	0.105 ug/L #	79
35) Methylcyclohexane	6.10	83	11697	0.684 ug/L #	18
46) trans-1,3-Dichloropropene	7.65	75	823	0.064 ug/L	90
50) 2-Hexanone	8.17	43	4347	1.178 ug/L #	66

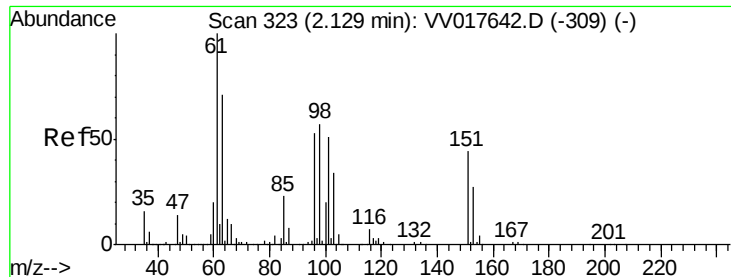
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017660.D

Acq: 24 Jul 2020 21:24

Instrument :

MSVOA_V

ClientSampled :

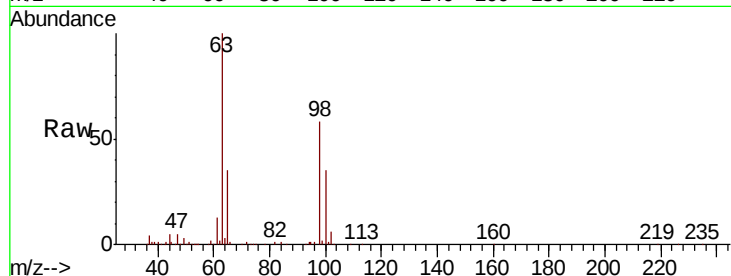
Tot Ion:101 Resp: 611

Ion Ratio Lower Upper

101 100

85 11.1 34.6 51.8#

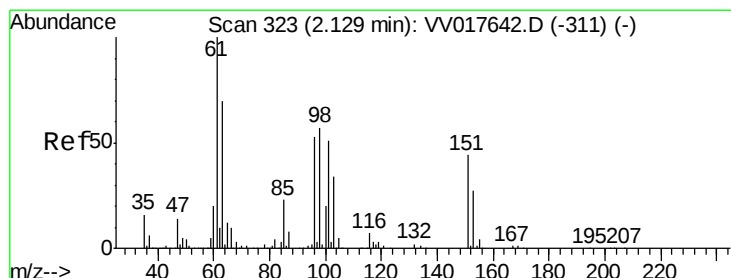
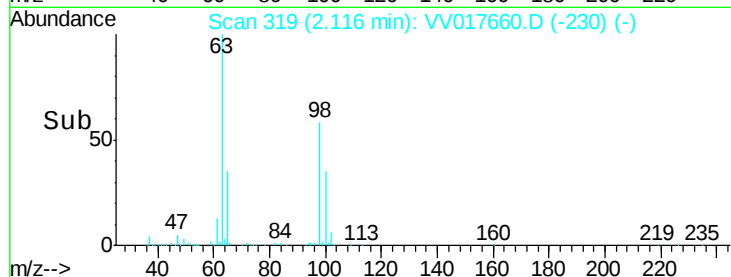
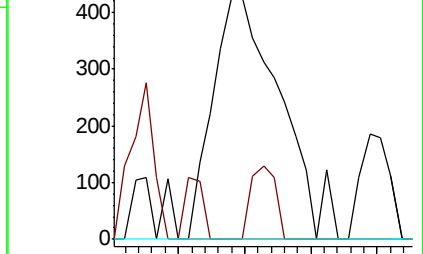
151 0.0 63.5 95.3#



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: 0.079 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017660.D

Acq: 24 Jul 2020 21:24

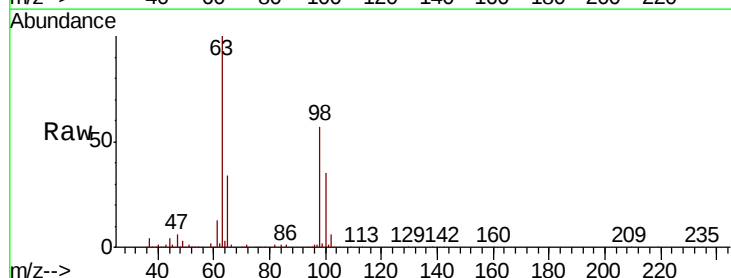
Tgt Ion: 96 Resp: 593

Ion Ratio Lower Upper

96 100

61 1264.9 123.1 228.7#

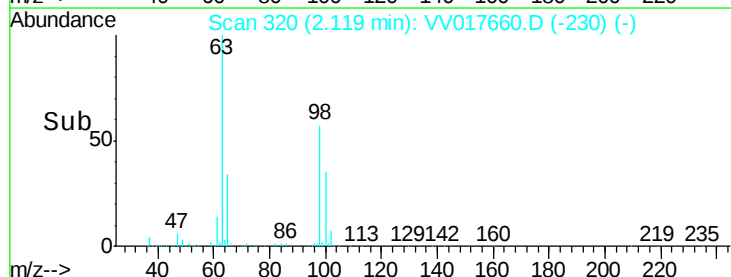
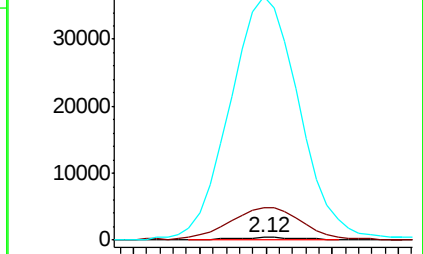
63 9377.3 91.2 169.4#

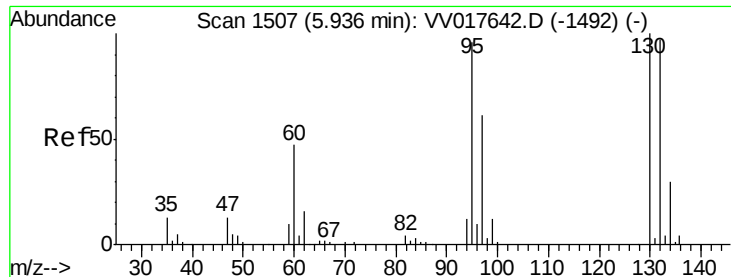


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

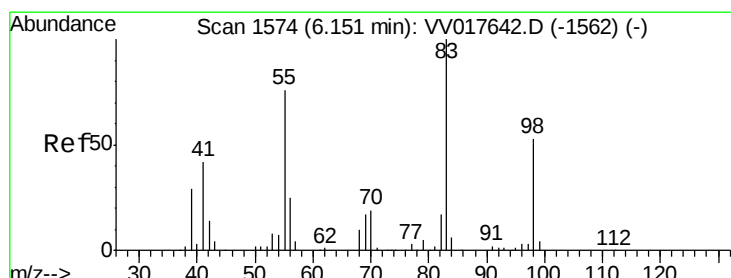
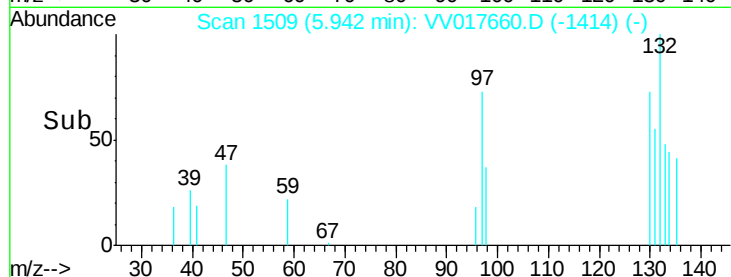
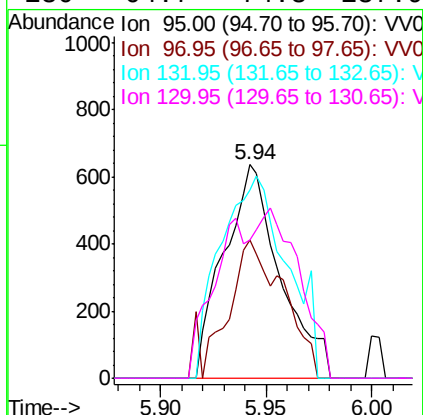
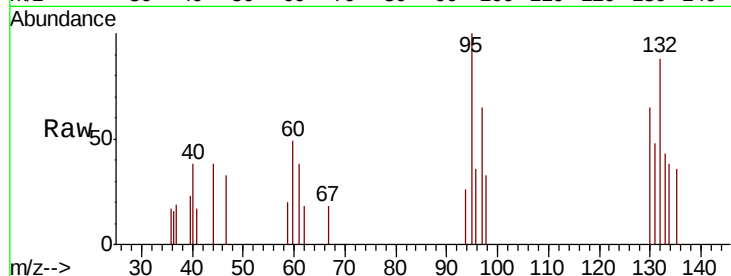




#34
 Trichloroethene
 Concen: 0.105 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017660.D
 Acq: 24 Jul 2020 21:24

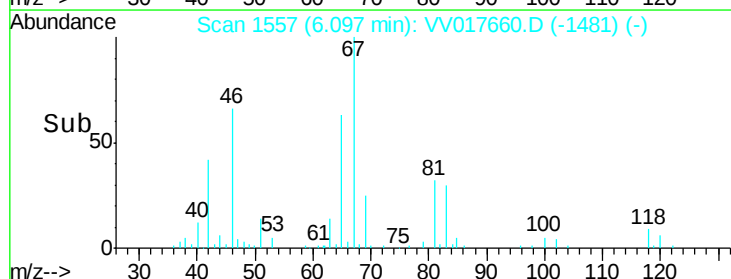
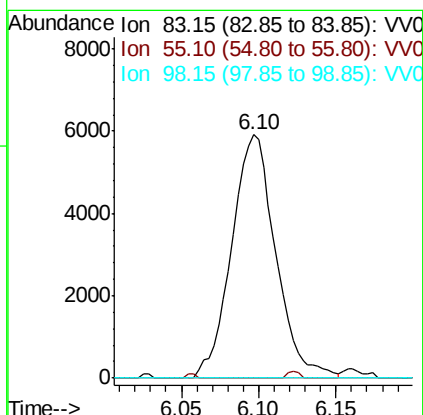
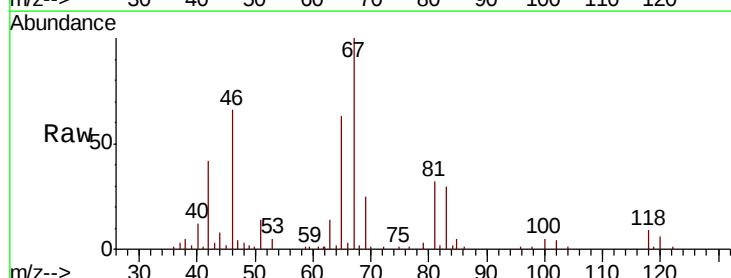
Instrument :
 MSVOA_V
 ClientSampleId :

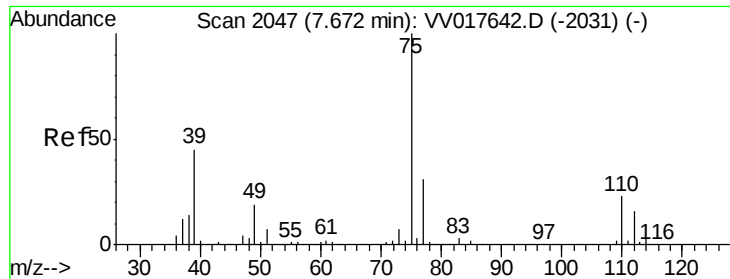
Tot Ion: 95 Resp: 1185
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.1 85.5
 132 88.4 71.7 133.1
 130 64.7 74.3 137.9#



#35
 Methylcyclohexane
 Concen: 0.684 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017660.D
 Acq: 24 Jul 2020 21:24

Tgt Ion: 83 Resp: 11697
 Ion Ratio Lower Upper
 83 100
 55 0.7 61.8 92.8#
 98 0.0 39.0 58.6#





#46

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV017660.D

Acq: 24 Jul 2020 21:24

Instrument :

MSVOA_V

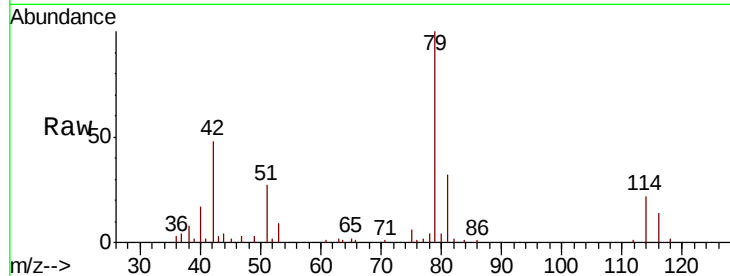
ClientSampleId :

Tot Ion: 75 Resp: 823

Ion Ratio Lower Upper

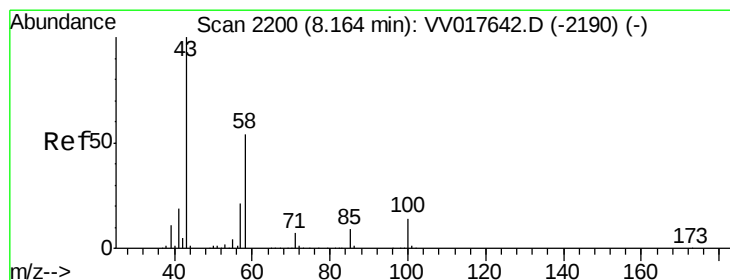
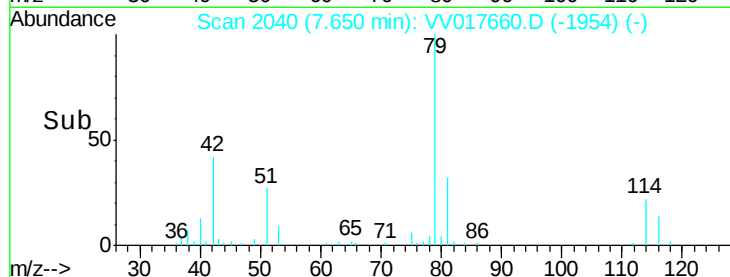
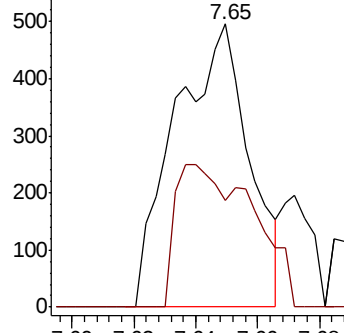
75 100

77 37.7 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.178 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV017660.D

Acq: 24 Jul 2020 21:24

Tgt Ion: 43 Resp: 4347

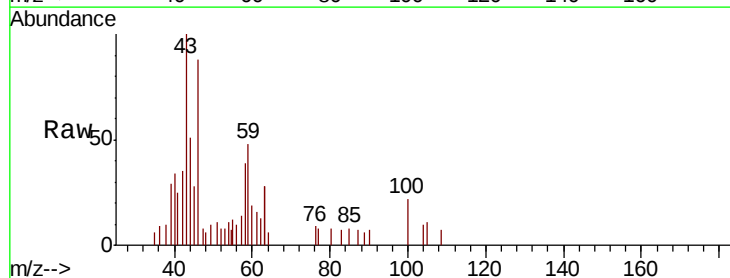
Ion Ratio Lower Upper

43 100

58 21.2 41.6 62.4#

57 8.6 15.4 23.0#

100 8.7 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

