

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016681.D
 Acq On : 09 Jun 2020 00:09
 Operator : SY/MD
 Sample : L2895-18DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L6DL

Quant Time: Jun 09 03:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339745	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145082	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104036	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.56	69	72433	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.70%
11) 1,1-Dichloroethene-d2	2.12	63	139330	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	3.90	46	178098	100.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.37%
24) Chloroform-d	4.37	84	223187	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
26) 1,2-Dichloroethane-d4	5.06	65	161835	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.07	84	441579	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.09	67	142122	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.34	98	397551	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.64	79	65360	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
47) 2-Hexanone-d5	8.11	63	113610	92.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180152	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	158141	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%

Target Compounds

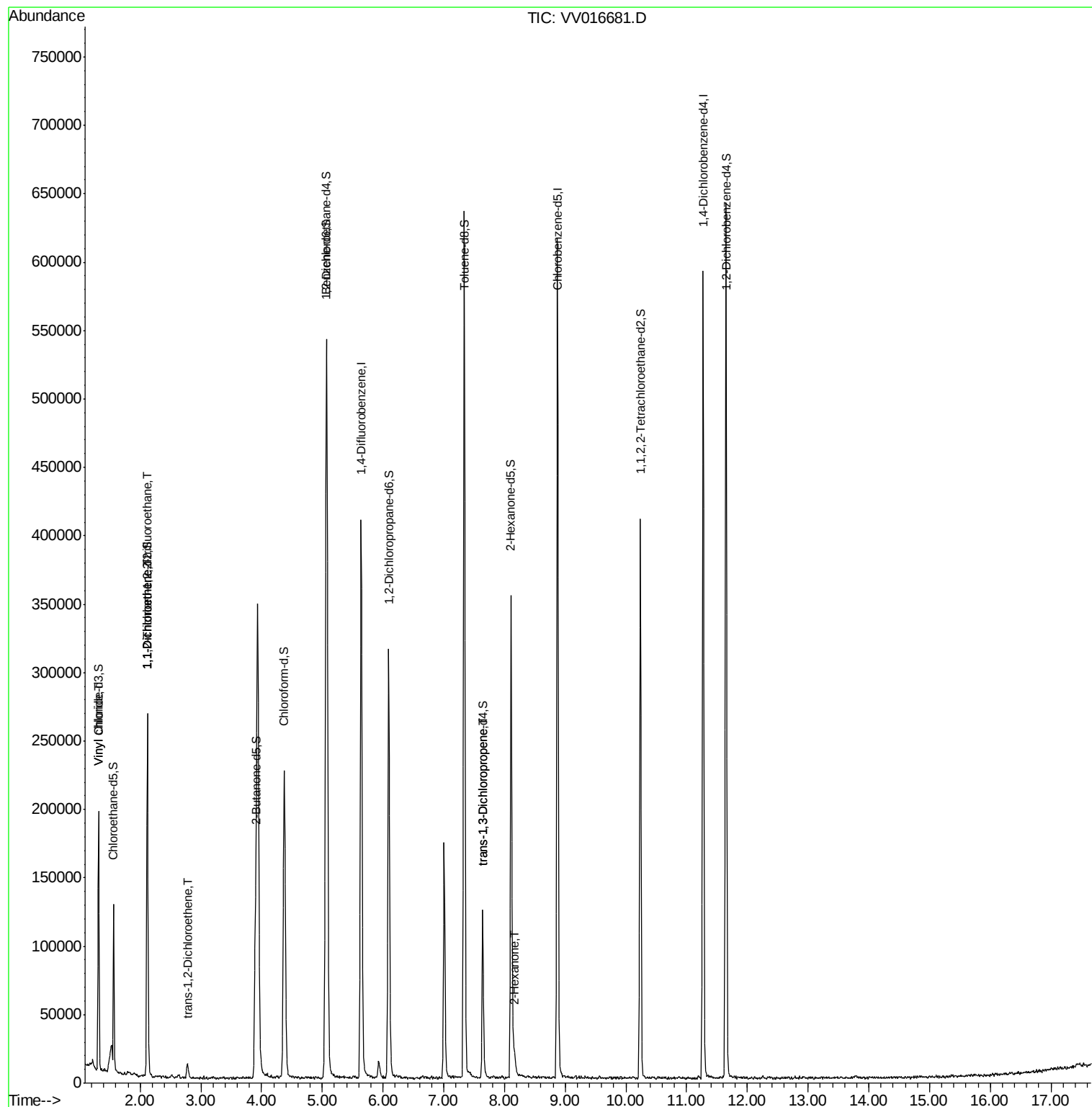
					Ovalue
5) Vinyl chloride	1.32	62	16119	6.654 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1332	0.737 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1603	0.951 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	3850	1.675 ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	3416	0.935 ug/L	86
48) 2-Hexanone	8.17	43	7119	2.677 ug/L #	83

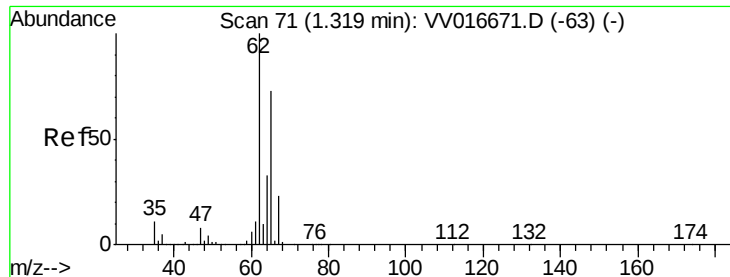
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.654 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 09 Jun 2020 00:09

Instrument :

MSVOA_V

ClientSampleId :

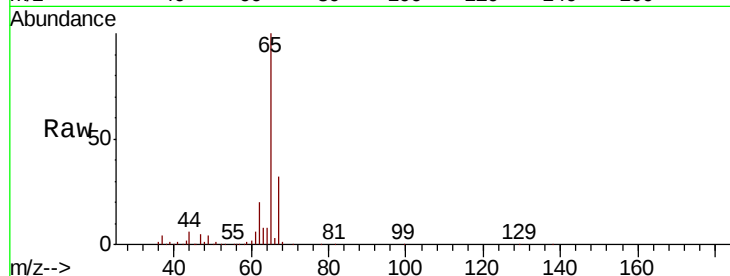
EW0L6DL

Tot Ion: 62 Resp: 16119

Ion Ratio Lower Upper

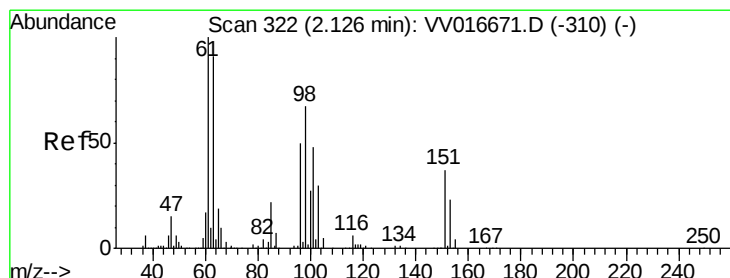
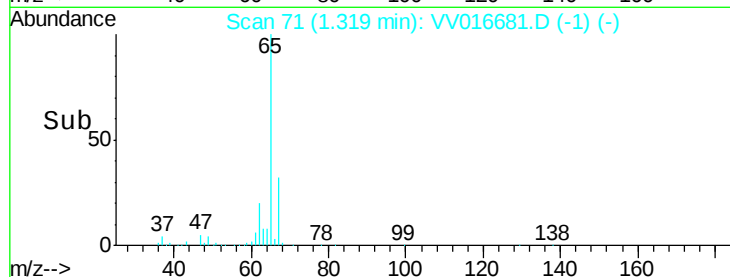
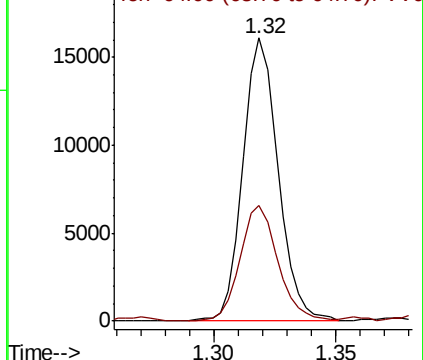
62 100

64 41.0 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV016681.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016681.D (-63) (-)



#10

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

Concen: 0.737 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016681.D

Acq: 09 Jun 2020 00:09

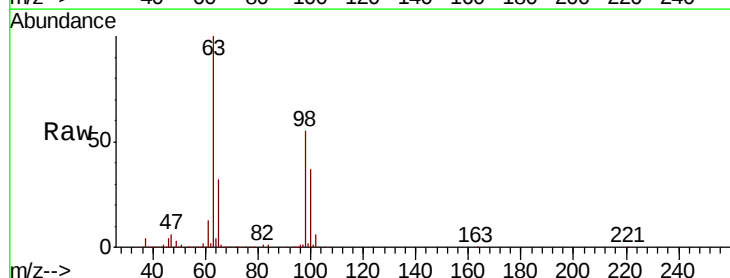
Tgt Ion: 101 Resp: 1332

Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

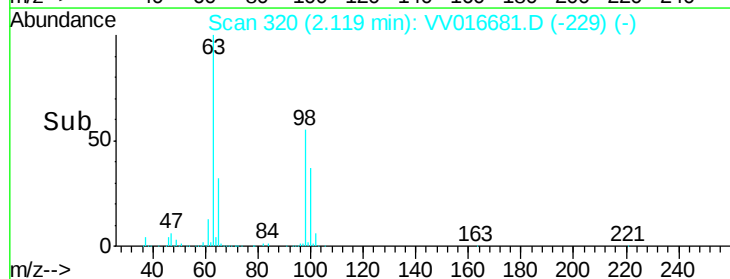
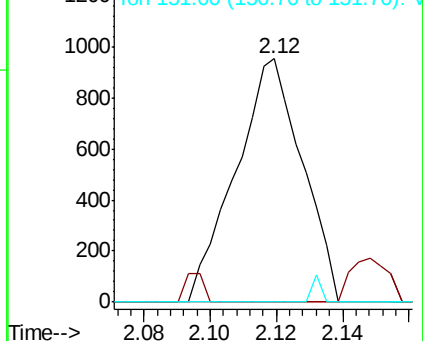
151 0.0 63.9 95.9#

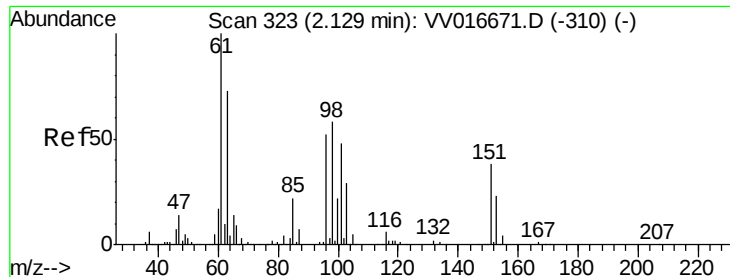


Abundance Ion 101.00 (100.70 to 101.70): VV016681.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV016681.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016681.D (-229) (-)





#12

1,1-Dichloroethene

Concen: 0.951 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016681.D

Acq: 09 Jun 2020 00:09

Instrument :

MSVOA_V

ClientSampleId :

EW0L6DL

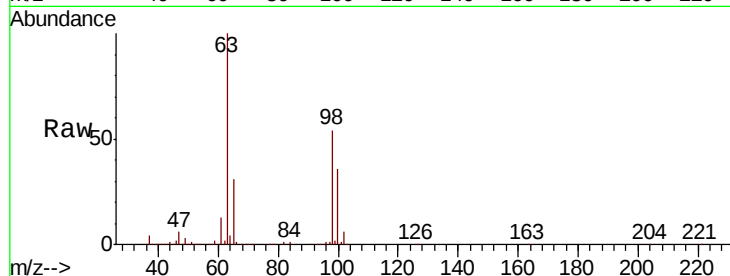
Tot Ion: 96 Resp: 1603

Ion Ratio Lower Upper

96 100

61 1408.3 130.4 242.2#

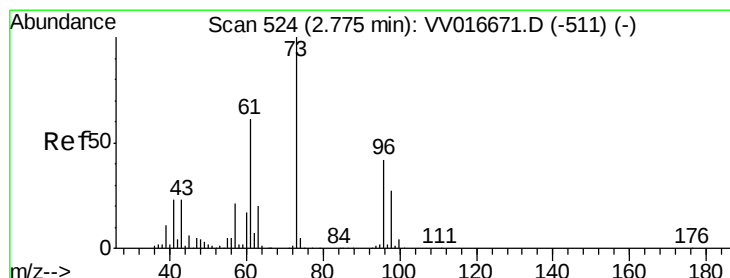
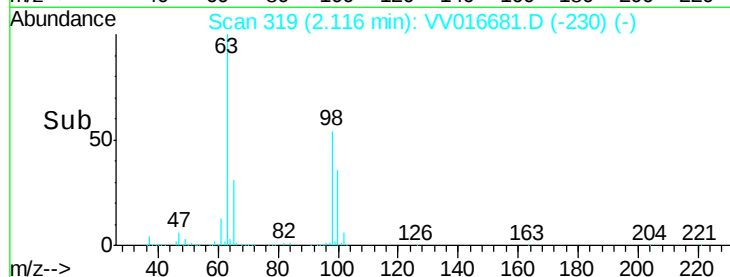
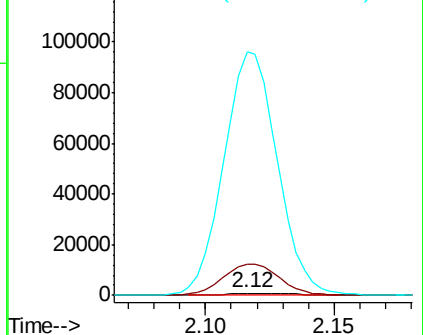
63 11022.9 103.3 191.9#



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



#17

trans-1,2-Dichloroethene

Concen: 1.675 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV016681.D

Acq: 09 Jun 2020 00:09

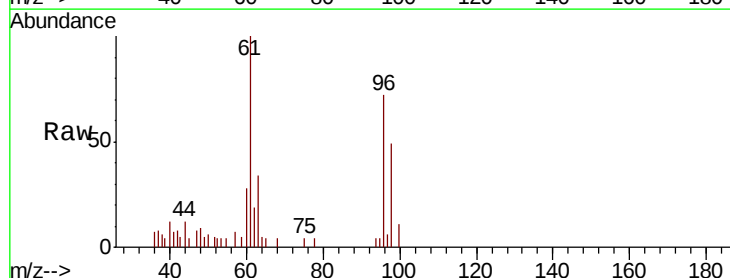
Tgt Ion: 96 Resp: 3850

Ion Ratio Lower Upper

96 100

61 138.9 102.9 191.1

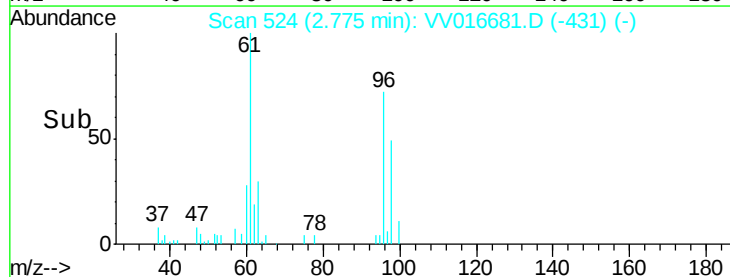
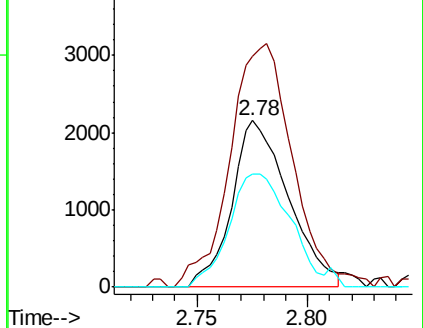
98 68.1 45.5 84.5

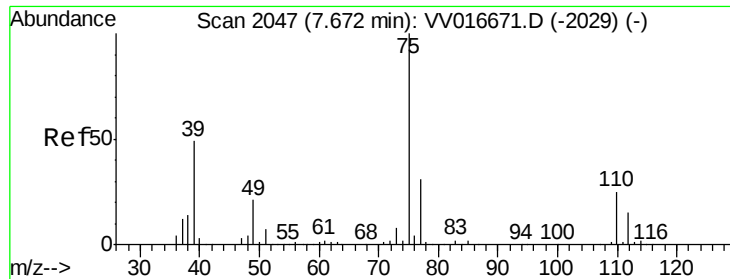


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.935 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016681.D

Acq: 09 Jun 2020 00:09

Instrument :

MSVOA_V

ClientSampleId :

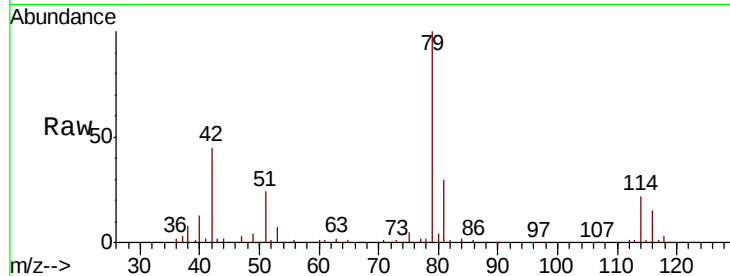
EW0L6DL

Tot Ion: 75 Resp: 3416

Ion Ratio Lower Upper

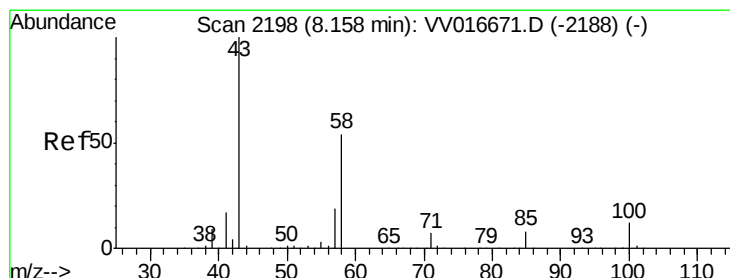
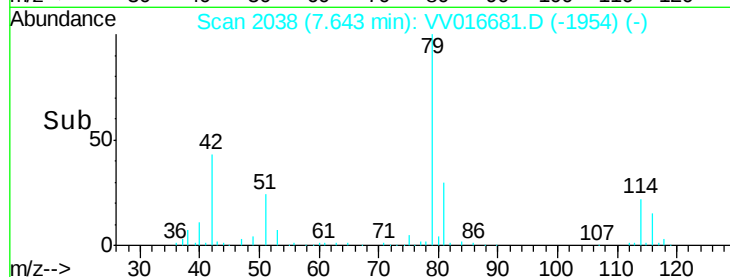
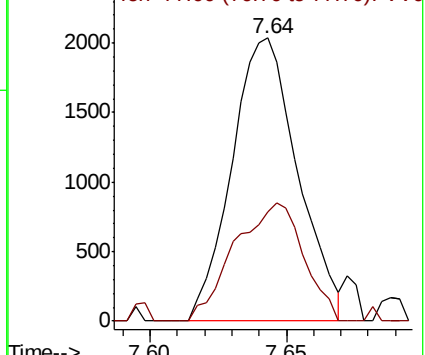
75 100

77 38.8 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 2.677 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016681.D

Acq: 09 Jun 2020 00:09

Tgt Ion: 43 Resp: 7119

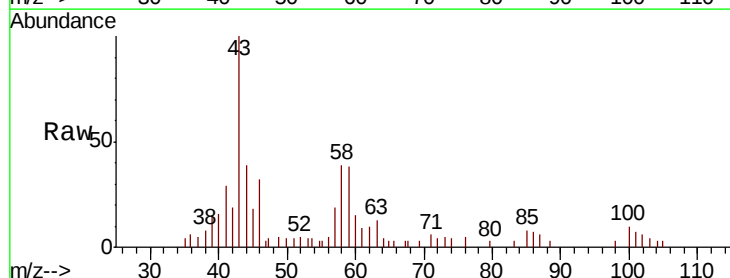
Ion Ratio Lower Upper

43 100

58 43.7 43.1 64.7

57 2.8 15.3 22.9#

100 13.4 10.0 15.0



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

