

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016686.D
 Acq On : 09 Jun 2020 02:07
 Operator : SY/MD
 Sample : L2895-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0G8

Quant Time: Jun 09 03:34:43 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	350558	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107056	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.56	69	71815	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.12	63	144762	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	3.90	46	184841	100.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	4.37	84	236582	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.05	65	169667	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.07	84	464045	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.09	67	144929	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.26%
41) Toluene-d8	7.34	98	413664	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.64	79	67250	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.11	63	121918	95.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186705	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	163256	51.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.70%

Target Compounds

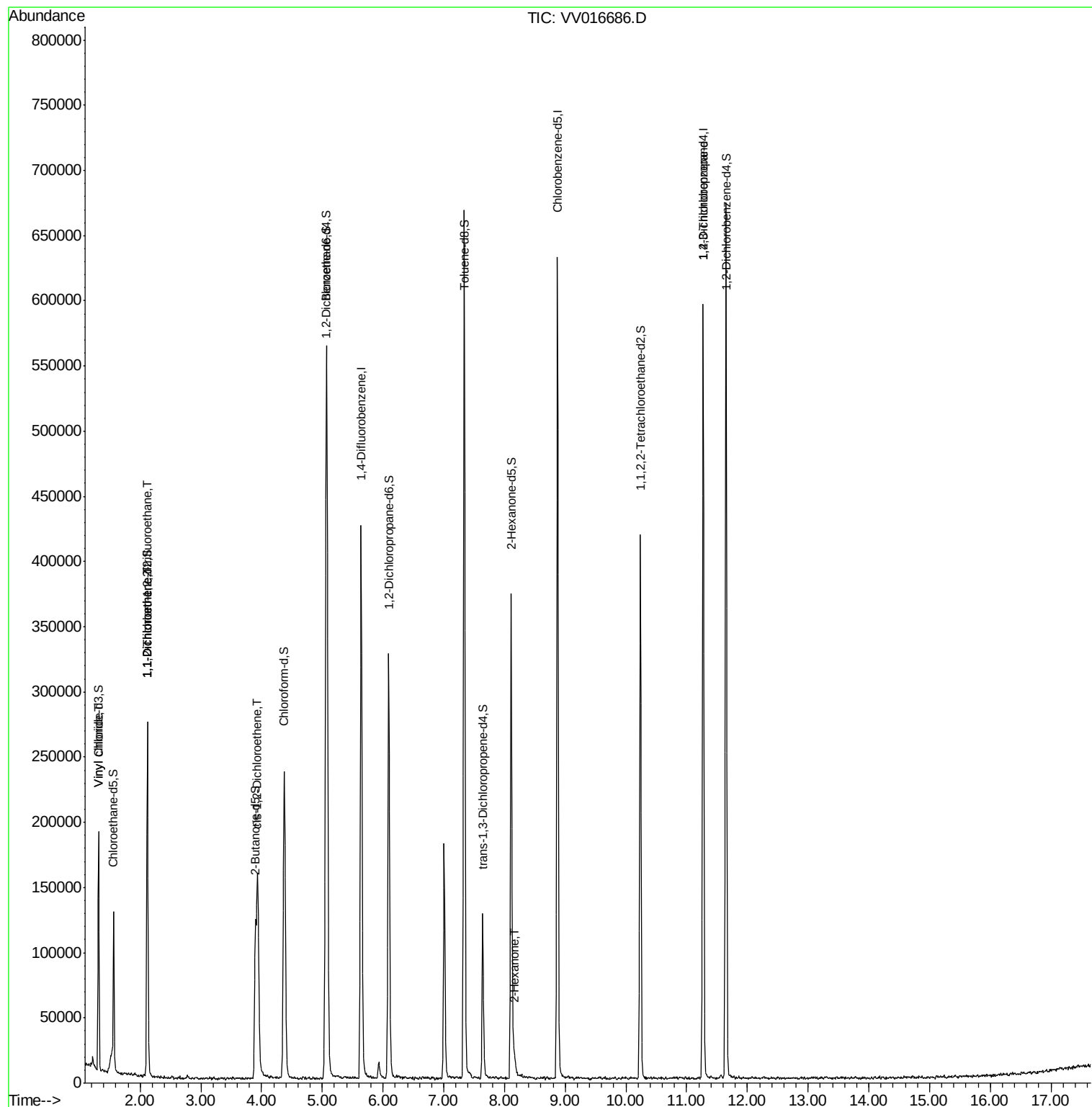
					Ovalue
5) Vinyl chloride	1.32	62	9555	3.823 ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1441	0.773 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1242	0.714 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	74136	28.665 ug/L	99
48) 2-Hexanone	8.16	43	9164	3.335 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	18045	5.816 ug/L	89

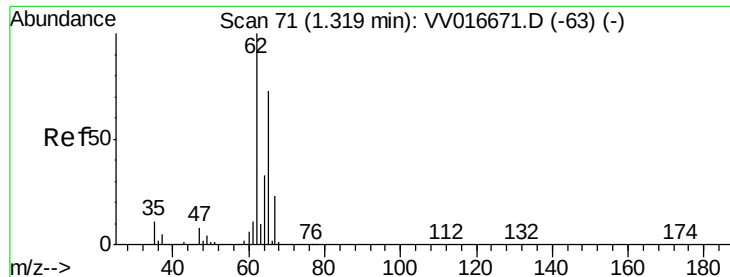
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.823 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016686.D

Acq: 09 Jun 2020 02:07

Instrument :

MSVOA_V

ClientSampleId :

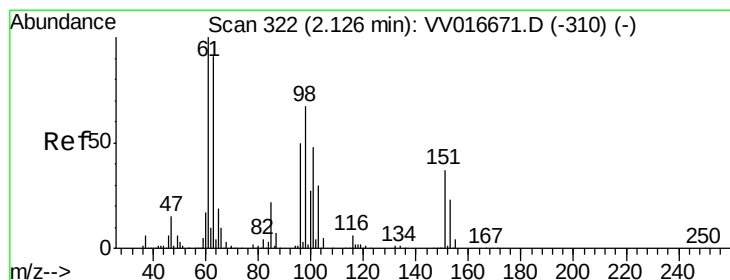
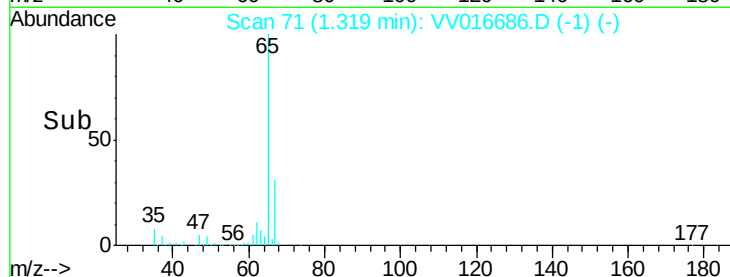
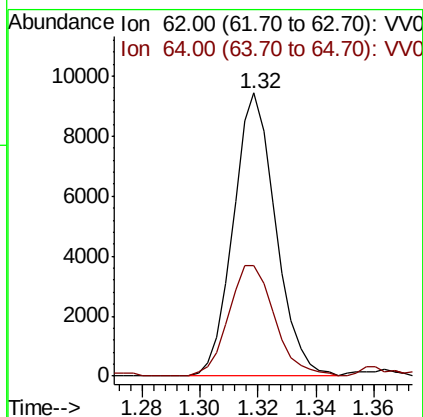
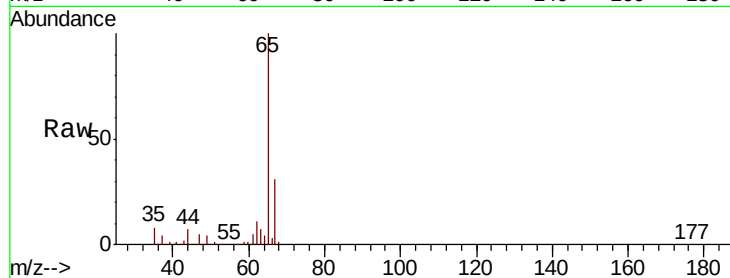
EW0G8

Tot Ion: 62 Resp: 9555

Ion Ratio Lower Upper

62 100

64 39.2 22.3 41.5



#10

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

Concen: 0.773 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016686.D

Acq: 09 Jun 2020 02:07

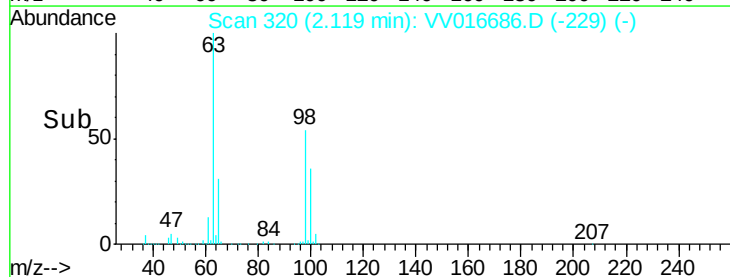
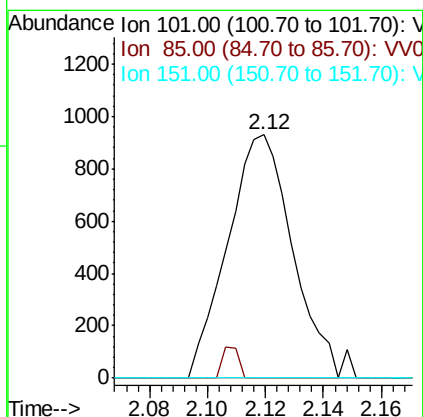
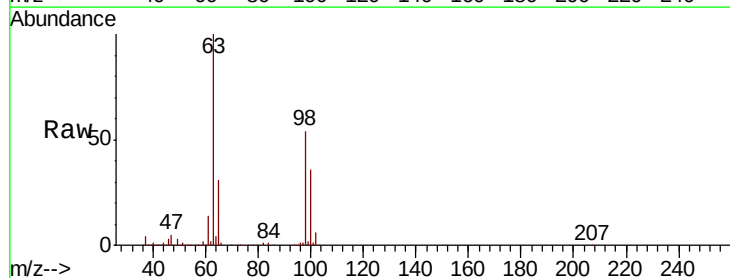
Tgt Ion: 101 Resp: 1441

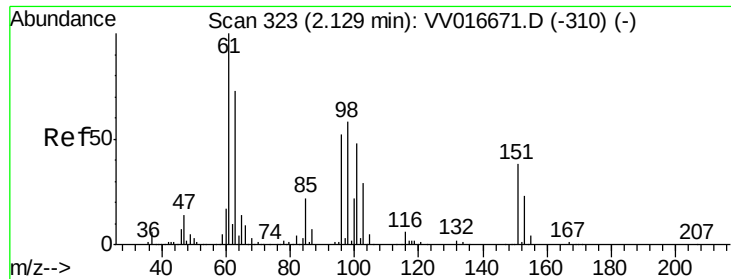
Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.714 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016686.D

Acq: 09 Jun 2020 02:07

Instrument :

MSVOA_V

ClientSampleId :

EW0G8

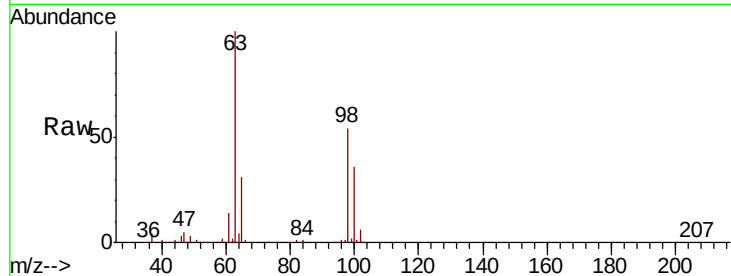
Tot Ion: 96 Resp: 1242

Ion Ratio Lower Upper

96 100

61 1568.7 130.4 242.2#

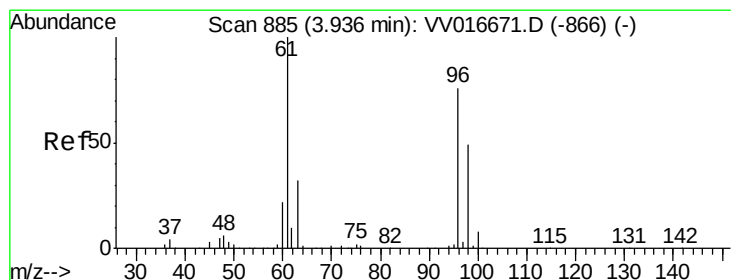
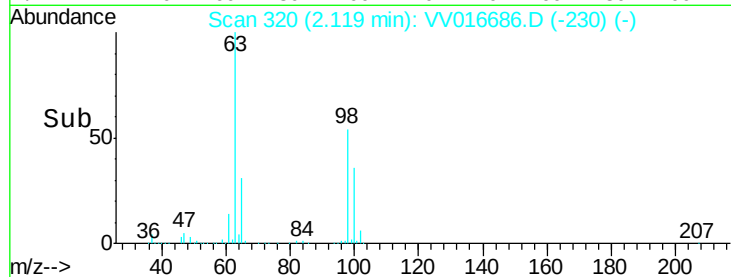
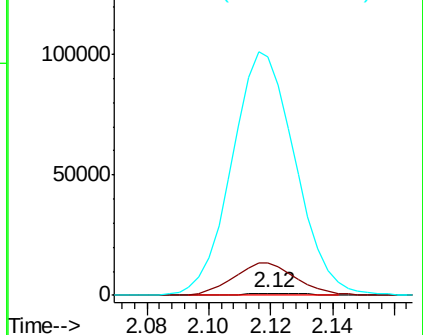
63 11512.8 103.3 191.9#



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



#20

cis-1,2-Dichloroethene

Concen: 28.665 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV016686.D

Acq: 09 Jun 2020 02:07

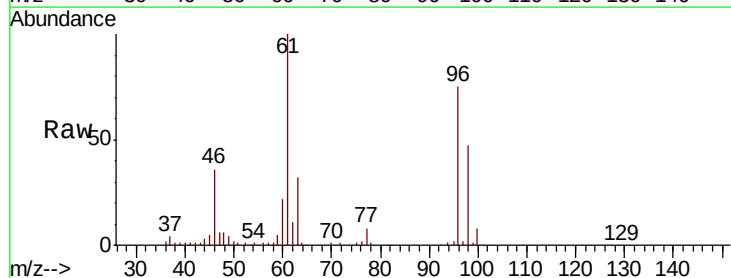
Tgt Ion: 96 Resp: 74136

Ion Ratio Lower Upper

96 100

61 134.2 93.4 173.4

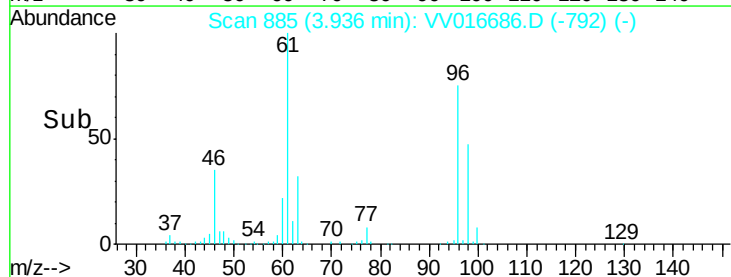
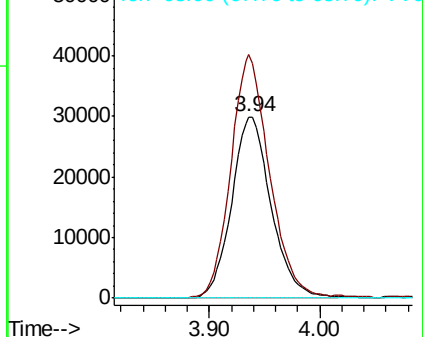
68 0.0 0.0 0.0

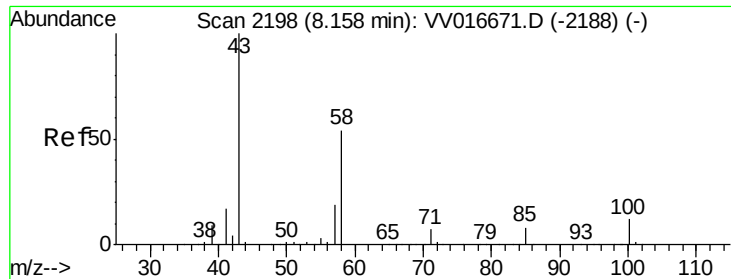


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

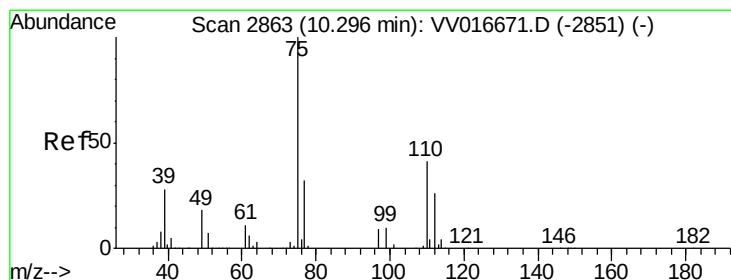
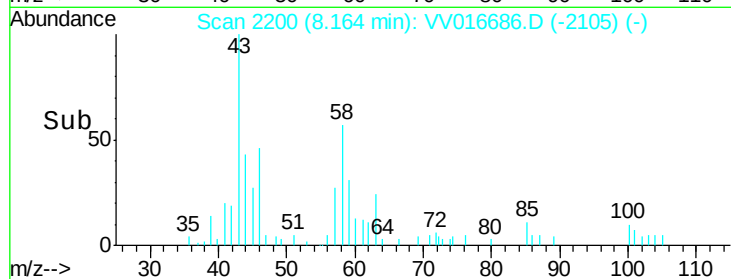
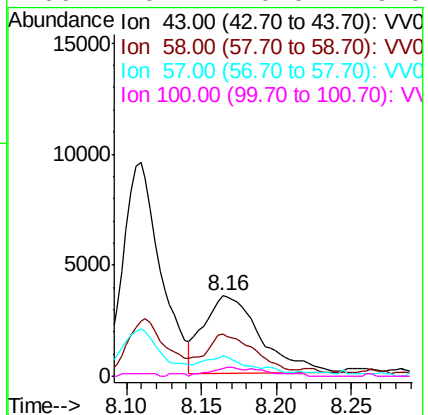
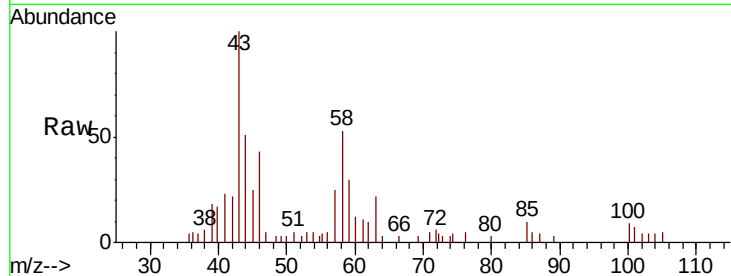




#48
 2-Hexanone
 Concen: 3.335 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016686.D
 Acq: 09 Jun 2020 02:07

Instrument :
 MSVOA_V
 ClientSampled :
 EW0G8

Tot Ion: 43 Resp: 9164
 Ion Ratio Lower Upper
 43 100
 58 41.5 43.1 64.7#
 57 6.3 15.3 22.9#
 100 6.7 10.0 15.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.816 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV016686.D
 Acq: 09 Jun 2020 02:07

Tgt Ion: 75 Resp: 18045
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.1 39.1

