

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019891.D
 Acq On : 05 Jan 2021 12:56
 Operator : SY/MD
 Sample : M1017-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W4

Quant Time: Jan 06 07:11:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	566980	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	541117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	236970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186951	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.22%
7) Chloroethane-d5	1.57	69	168550	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.11	63	296501	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
21) 2-Butanone-d5	3.89	46	329219	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.35	84	389902	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.04	65	274442	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.05	84	763717	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.07	67	249383	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.34%
41) Toluene-d8	7.32	98	657379	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.63	79	110800	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.09	63	186505	88.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.08%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	302137	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.63	152	242049	53.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

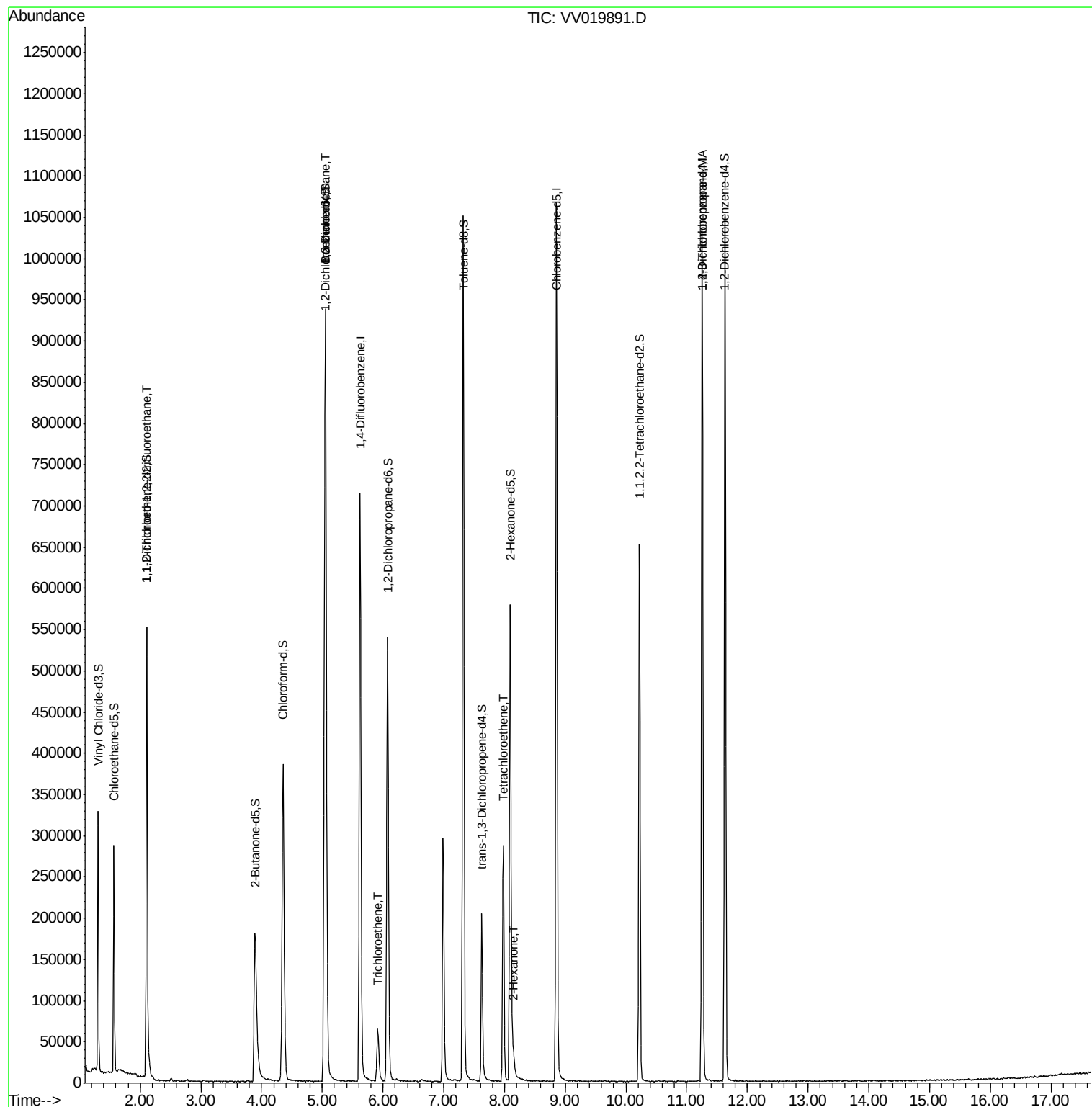
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2550	0.710 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	5157	0.779 ug/L	97
34) Trichloroethene	5.93	95	12220	2.706 ug/L	98
46) Tetrachloroethene	7.98	164	55979	18.565 ug/L	96
48) 2-Hexanone	8.15	43	15197	2.872 ug/L #	45
59) 1,2,3-Trichloropropane	11.25	75	35133	6.047 ug/L	92

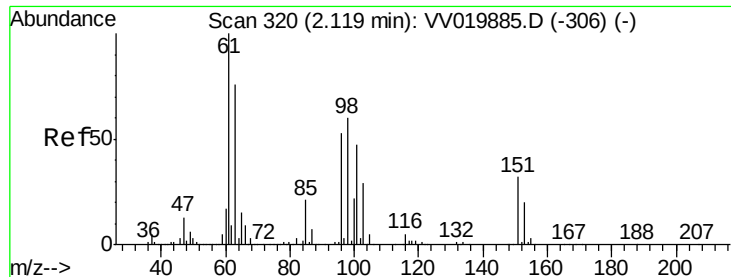
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 06 07:08:24 2021
Response via : Initial Calibration





#10

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

Concen: 0.710 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019891.D

Acq: 05 Jan 2021 12:56

Instrument :

MSVOA_V

ClientSampled :

BG4W4

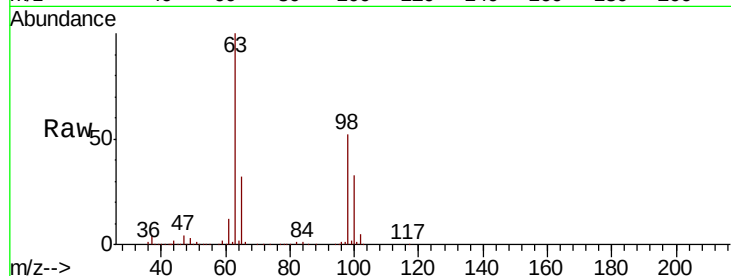
Tot Ion:101 Resp: 2550

Ion Ratio Lower Upper

101 100

85 1.6 35.3 52.9#

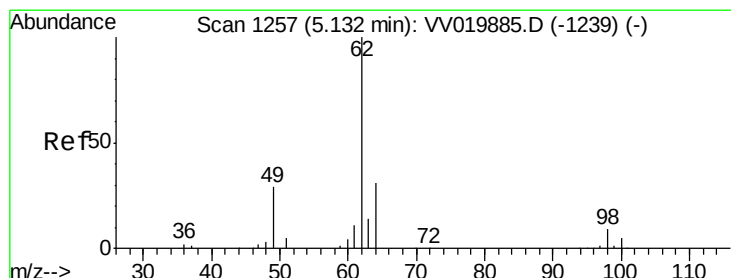
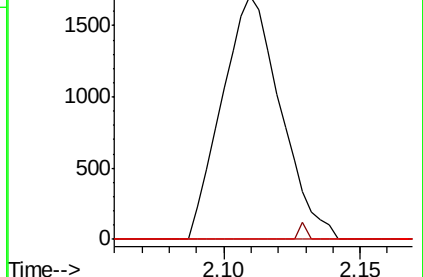
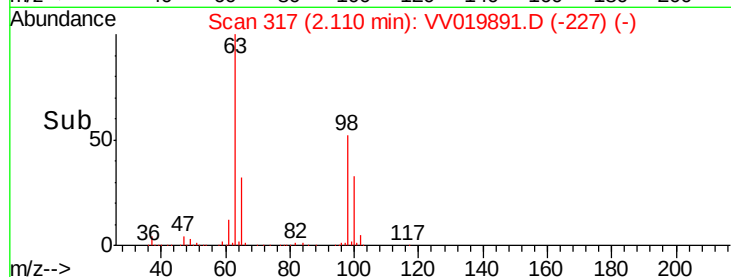
151 0.0 53.6 80.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019891.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019891.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019891.D (-227) (-)



#27

1,2-Dichloroethane

Concen: 0.779 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019891.D

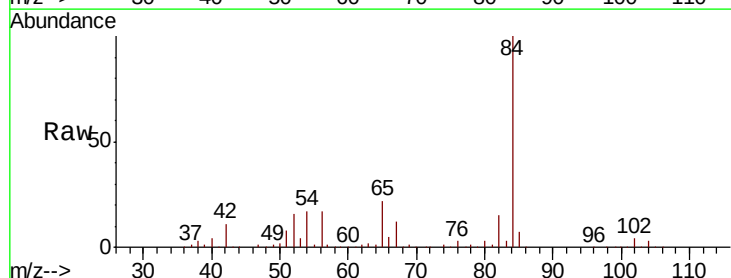
Acq: 05 Jan 2021 12:56

Tgt Ion: 62 Resp: 5157

Ion Ratio Lower Upper

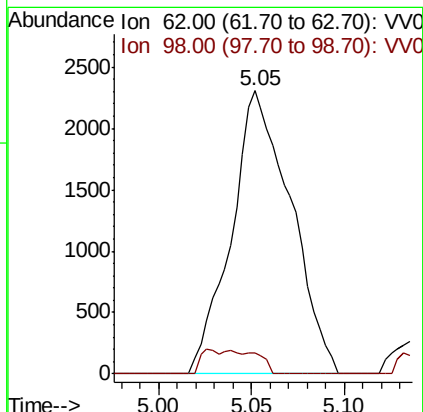
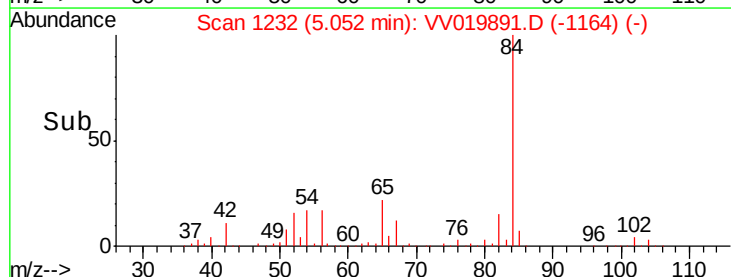
62 100

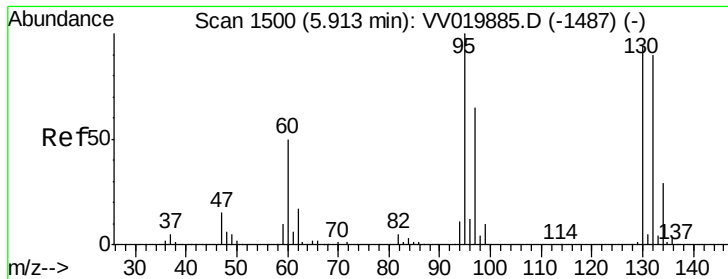
98 7.6 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV019891.D (-1164) (-)

Ion 98.00 (97.70 to 98.70): VV019891.D (-1164) (-)





#34

Trichloroethene

Concen: 2.706 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019891.D

Acq: 05 Jan 2021 12:56

Instrument :

MSVOA_V

ClientSampleId :

BG4W4

Tot Ion: 95 Resp: 12220

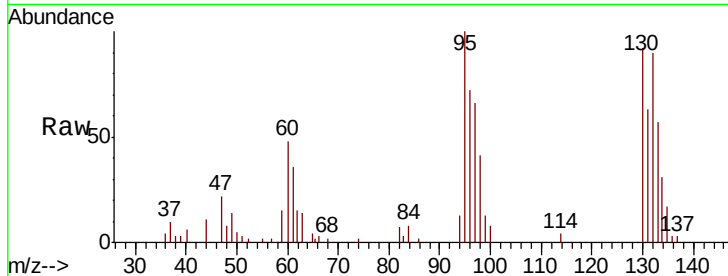
Ion Ratio Lower Upper

95 100

97 65.8 44.5 82.7

132 90.3 63.4 117.8

130 92.3 67.1 124.5



Abundance

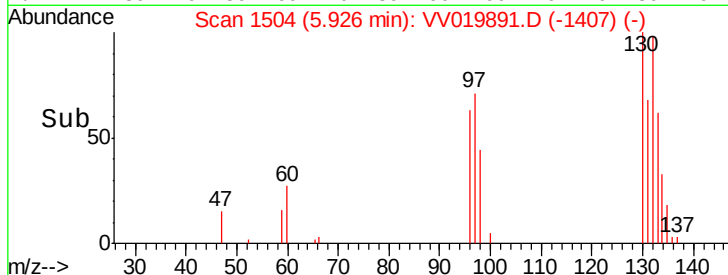
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

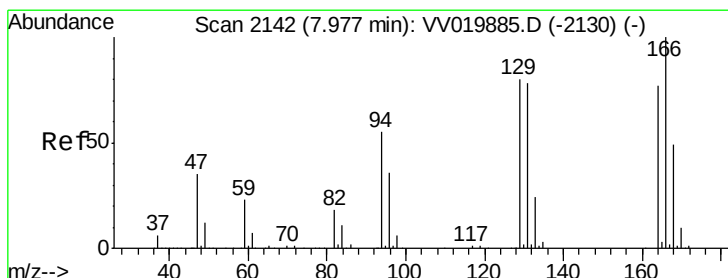
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#46

Tetrachloroethene

Concen: 18.565 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019891.D

Acq: 05 Jan 2021 12:56

Tgt Ion: 164 Resp: 55979

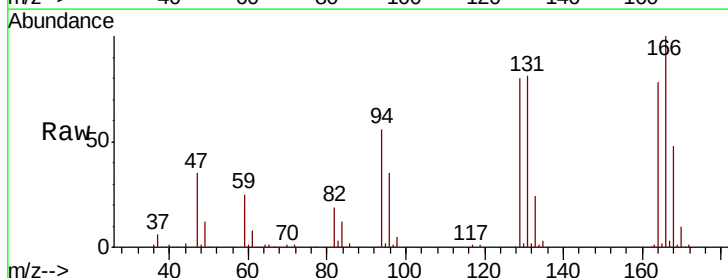
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 104.1 66.8 124.0

166 128.4 88.2 163.8



Abundance

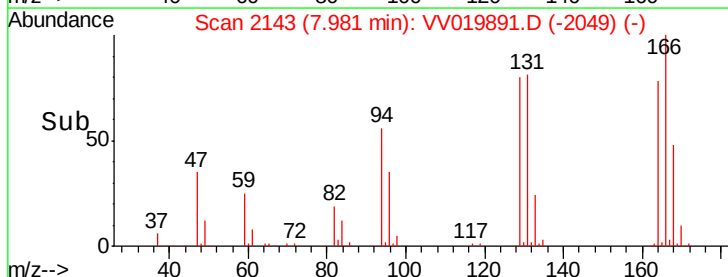
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

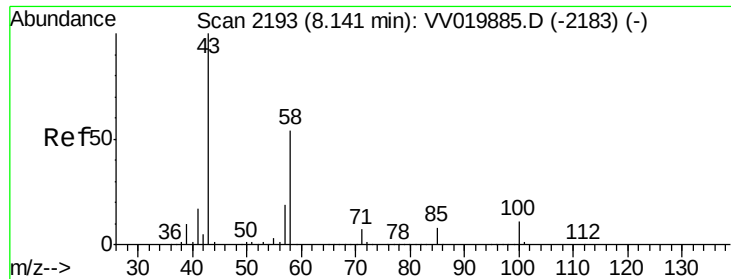
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->



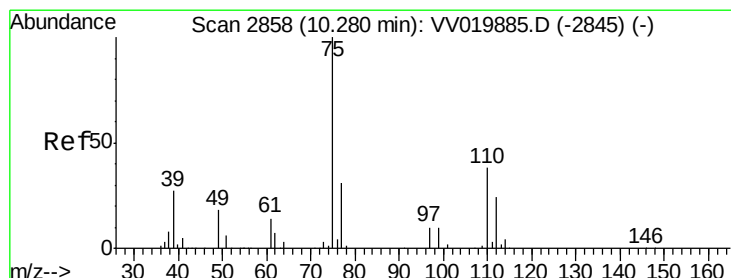
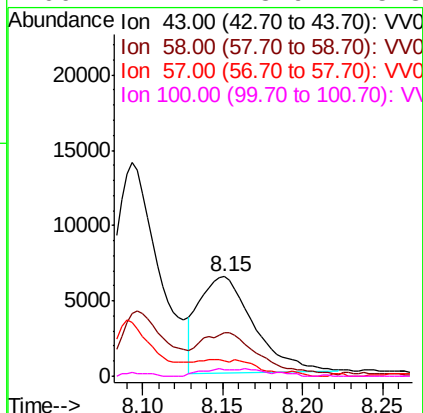
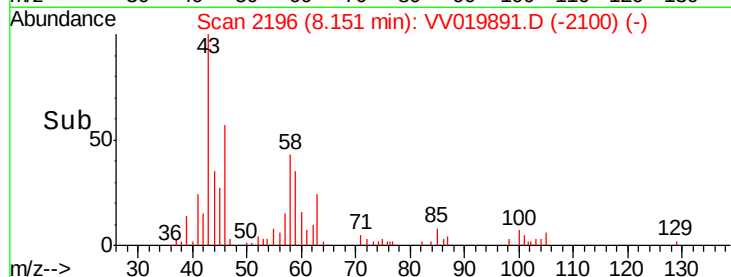
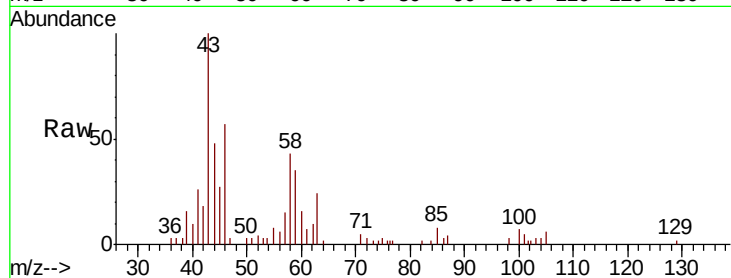
Time-->



#48
2-Hexanone
Concen: 2.872 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VV019891.D
Acq: 05 Jan 2021 12:56

Instrument :
MSVOA_V
ClientSampled :
BG4W4

Tot Ion: 43 Resp: 15197
Ion Ratio Lower Upper
43 100
58 4.2 41.8 62.6#
57 1.6 15.0 22.4#
100 4.2 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 6.047 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019891.D
Acq: 05 Jan 2021 12:56

Tgt Ion: 75 Resp: 35133
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.0

