

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018710.D
 Acq On : 06 Oct 2020 23:56
 Operator : SY/MD
 Sample : L4287-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:25:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303490	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77463	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.58	69	63835	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.76%
11) 1,1-Dichloroethene-d2	2.12	63	123486	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.10%
21) 2-Butanone-d5	3.90	46	115679	87.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.13%
24) Chloroform-d	4.37	84	168465	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.05	65	110700	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.07	84	299684	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
36) 1,2-Dichloropropane-d6	6.09	67	94246	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.34	98	267702	41.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.72%
43) trans-1,3-Dichloropropene-	7.64	79	45238	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
47) 2-Hexanone-d5	8.11	63	73359	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115276	41.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	111689	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%

Target Compounds

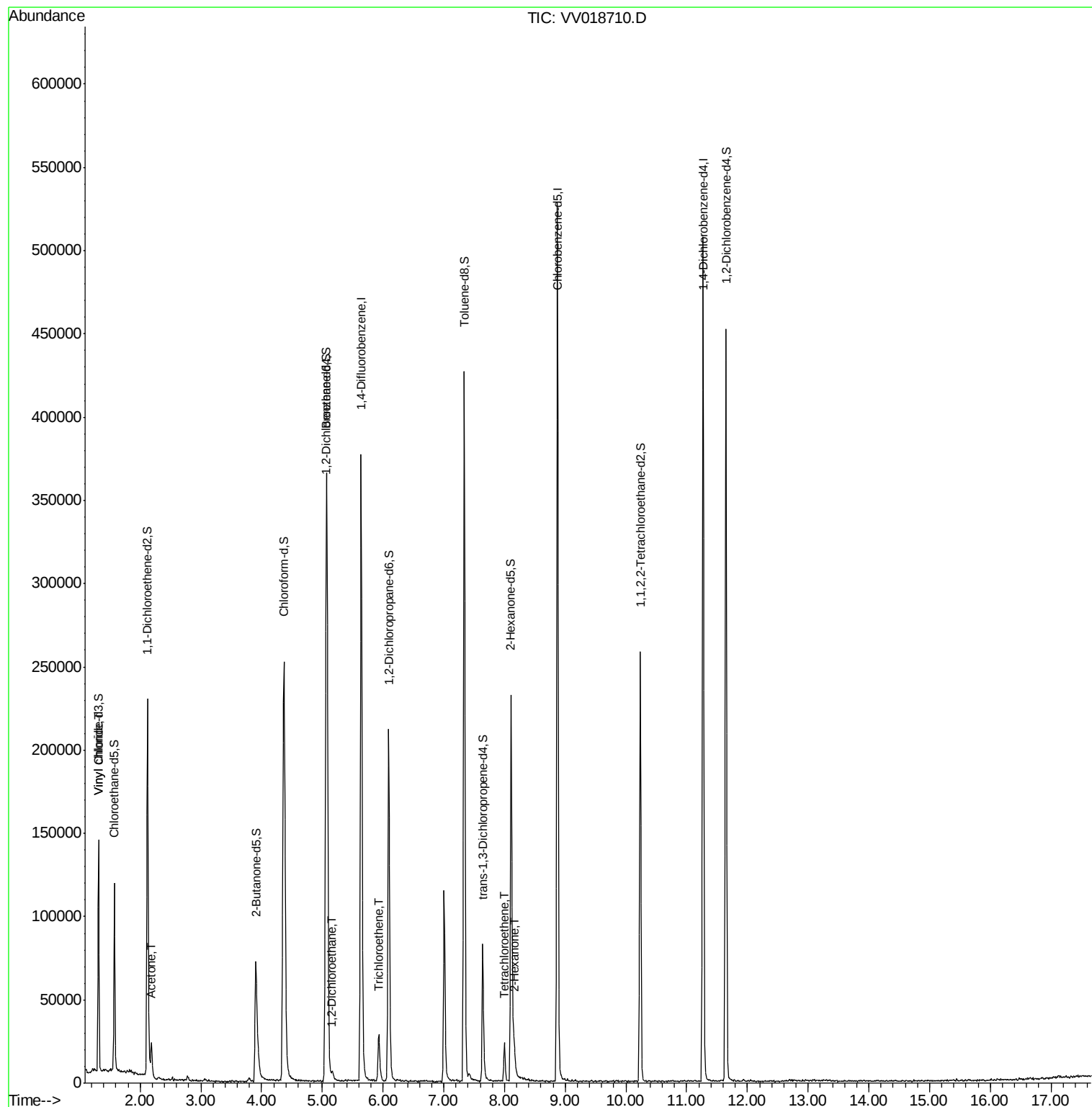
					Ovalue
5) Vinyl chloride	1.32	62	3019	1.300 ug/L #	39
13) Acetone	2.19	43	21848	19.047 ug/L	99
27) 1,2-Dichloroethane	5.17	62	2458	0.787 ug/L	97
34) Trichloroethene	5.94	95	1807	0.780 ug/L	97
46) Tetrachloroethene	8.00	164	4747	2.526 ug/L	84
48) 2-Hexanone	8.16	43	11013	5.343 ug/L #	73

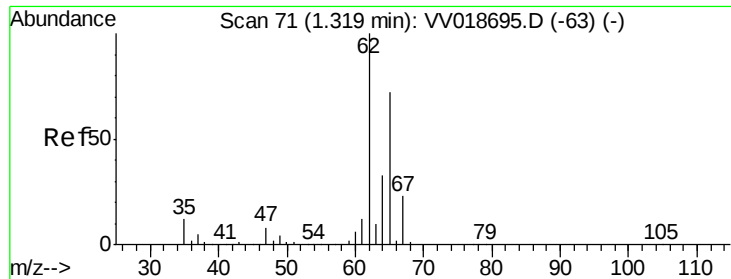
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.300 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018710.D

Acq: 06 Oct 2020 23:56

Instrument :

MSVOA_V

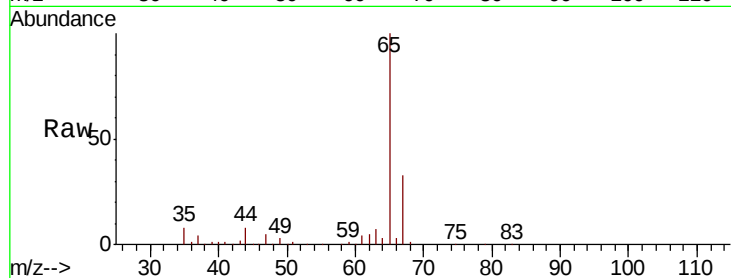
ClientSampleId :

Tot Ion: 62 Resp: 3019

Ion Ratio Lower Upper

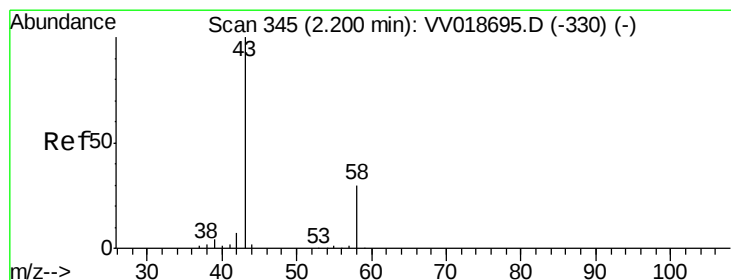
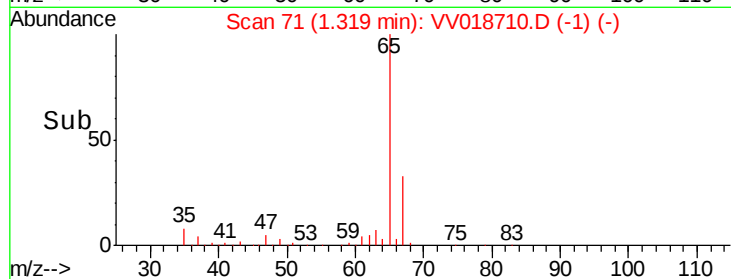
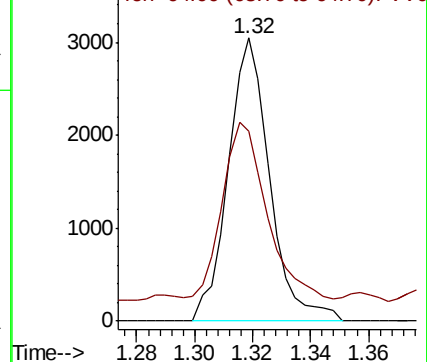
62 100

64 67.1 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV018710.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV018710.D (-63) (-)



#13

Acetone

Concen: 19.047 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV018710.D

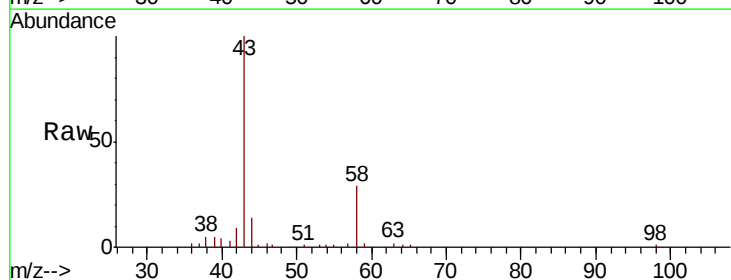
Acq: 06 Oct 2020 23:56

Tgt Ion: 43 Resp: 21848

Ion Ratio Lower Upper

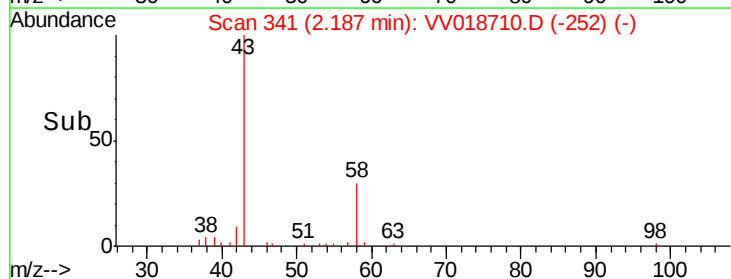
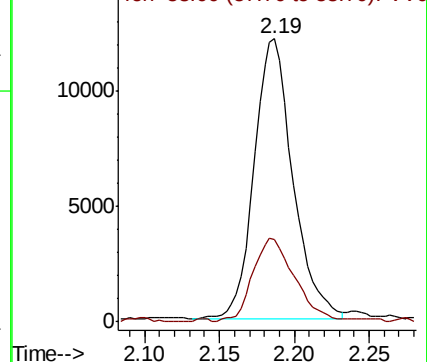
43 100

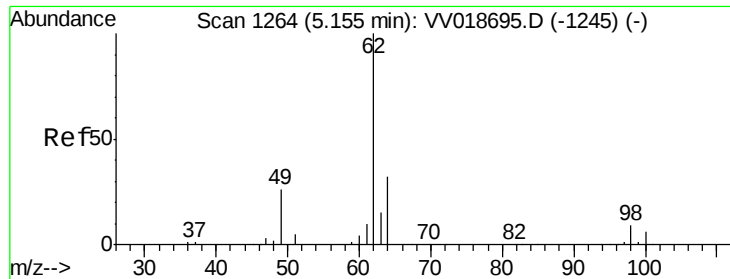
58 32.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018710.D (-252) (-)

Ion 58.00 (57.70 to 58.70): VV018710.D (-252) (-)

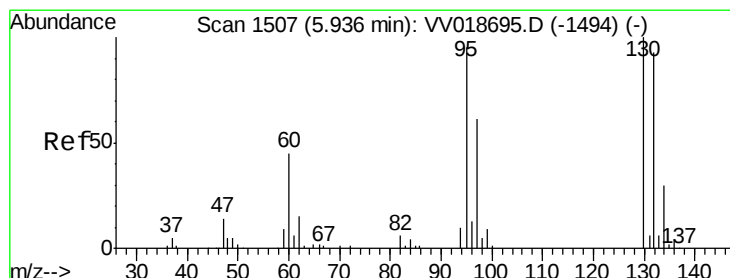
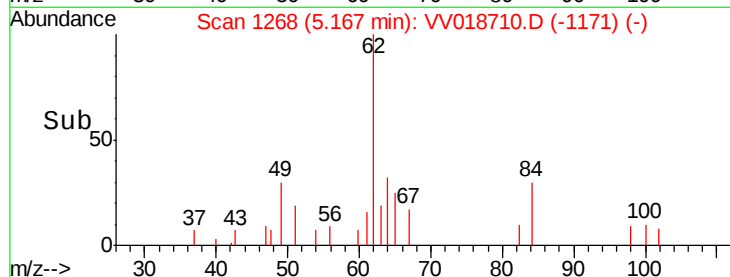
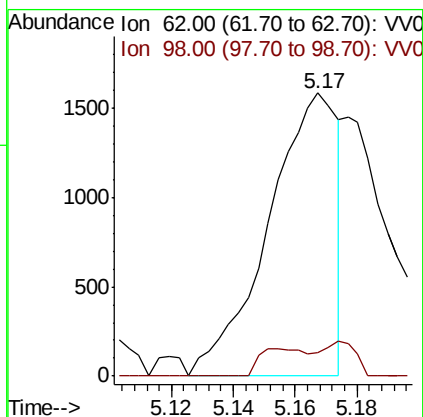
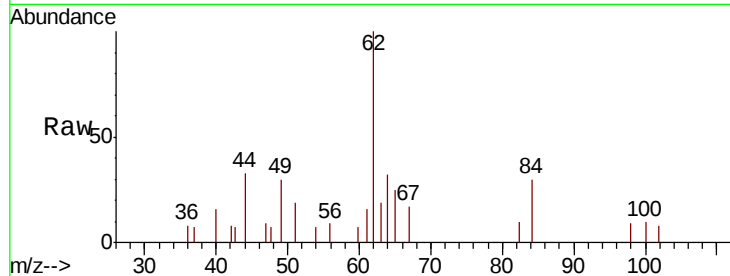




#27
 1,2-Dichloroethane
 Concen: 0.787 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

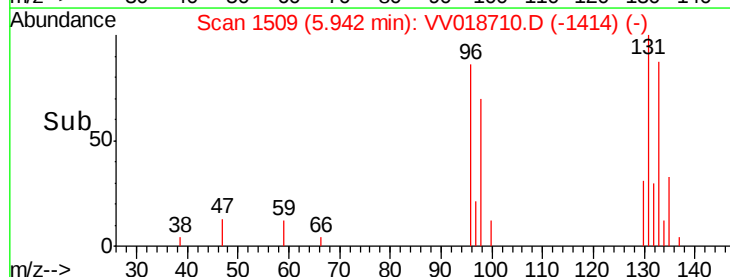
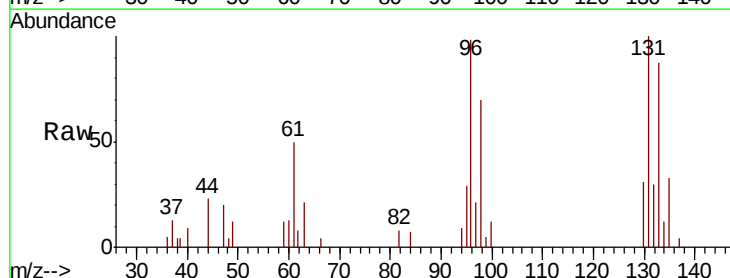
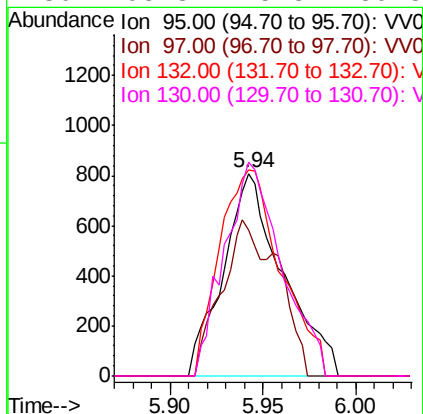
Instrument :
 MSVOA_V
 ClientSampleId :

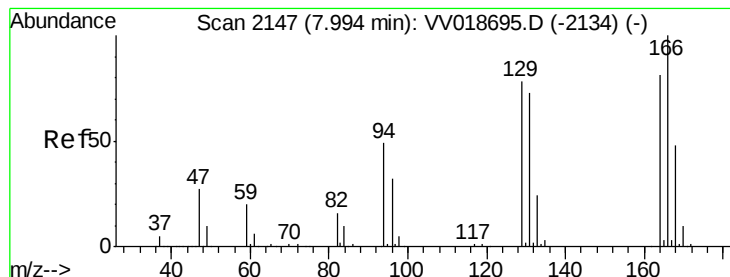
Tot Ion: 62 Resp: 2458
 Ion Ratio Lower Upper
 62 100
 98 8.5 7.7 11.5



#34
 Trichloroethene
 Concen: 0.780 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

Tgt Ion: 95 Resp: 1807
 Ion Ratio Lower Upper
 95 100
 97 72.2 45.9 85.3
 132 101.6 70.8 131.4
 130 105.3 75.3 139.8





#46

Tetrachloroethene

Concen: 2.526 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018710.D

Acq: 06 Oct 2020 23:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 4747

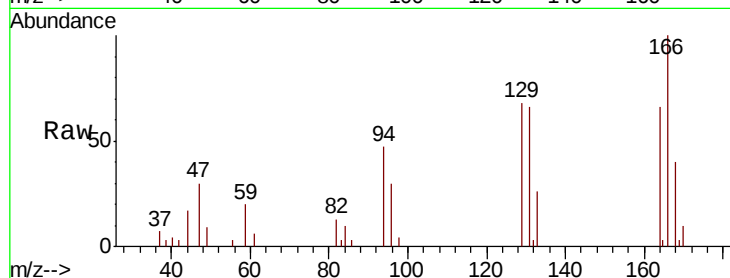
Ion Ratio Lower Upper

164 100

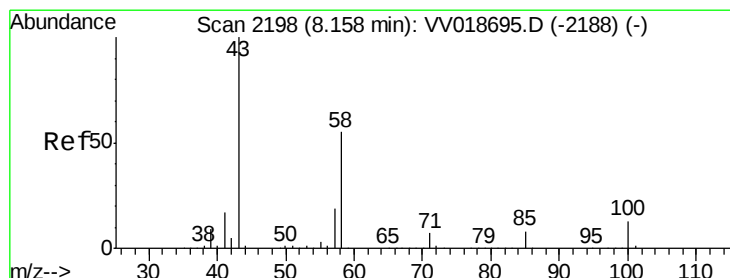
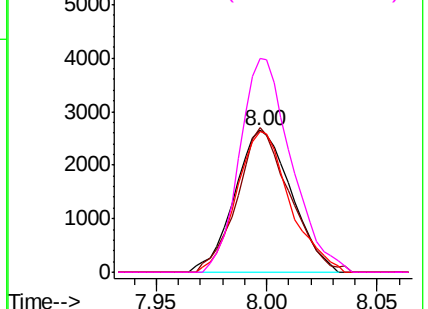
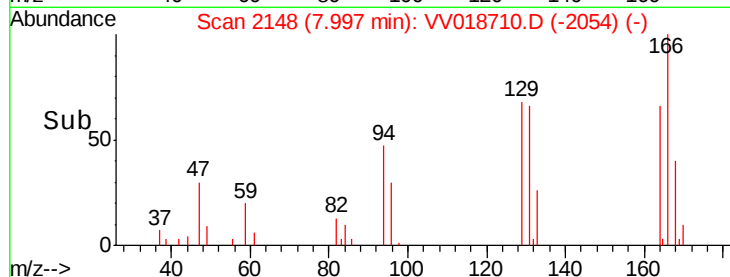
129 101.8 62.8 116.6

131 99.0 60.8 112.8

166 150.6 88.9 165.1



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



#48

2-Hexanone

Concen: 5.343 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018710.D

Acq: 06 Oct 2020 23:56

Tgt Ion: 43 Resp: 11013

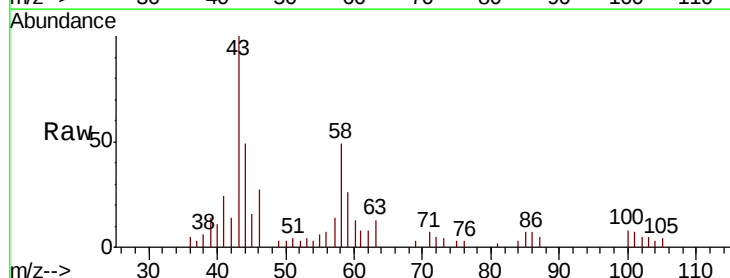
Ion Ratio Lower Upper

43 100

58 40.2 45.1 67.7#

57 1.6 15.7 23.5#

100 1.1 11.0 16.4#



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

