

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018678.D
 Acq On : 05 Oct 2020 16:45
 Operator : SY/MD
 Sample : L4203-08DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162882	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	72861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67632	70.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	141.60%#
7) Chloroethane-d5	1.58	69	58530	74.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	148.20%#
11) 1,1-Dichloroethene-d2	2.12	63	104173	53.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.04%
21) 2-Butanone-d5	3.92	46	88664	124.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.43%
24) Chloroform-d	4.38	84	127108	61.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.06%
26) 1,2-Dichloroethane-d4	5.06	65	88765	67.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.38%#
32) Benzene-d6	5.07	84	238336	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.18%
36) 1,2-Dichloropropane-d6	6.09	67	75575	60.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.88%#
41) Toluene-d8	7.34	98	209901	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%
43) trans-1,3-Dichloropropene-	7.64	79	35793	52.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.98%
47) 2-Hexanone-d5	8.11	63	50044	105.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	84932	51.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	88143	62.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.80%#

Target Compounds

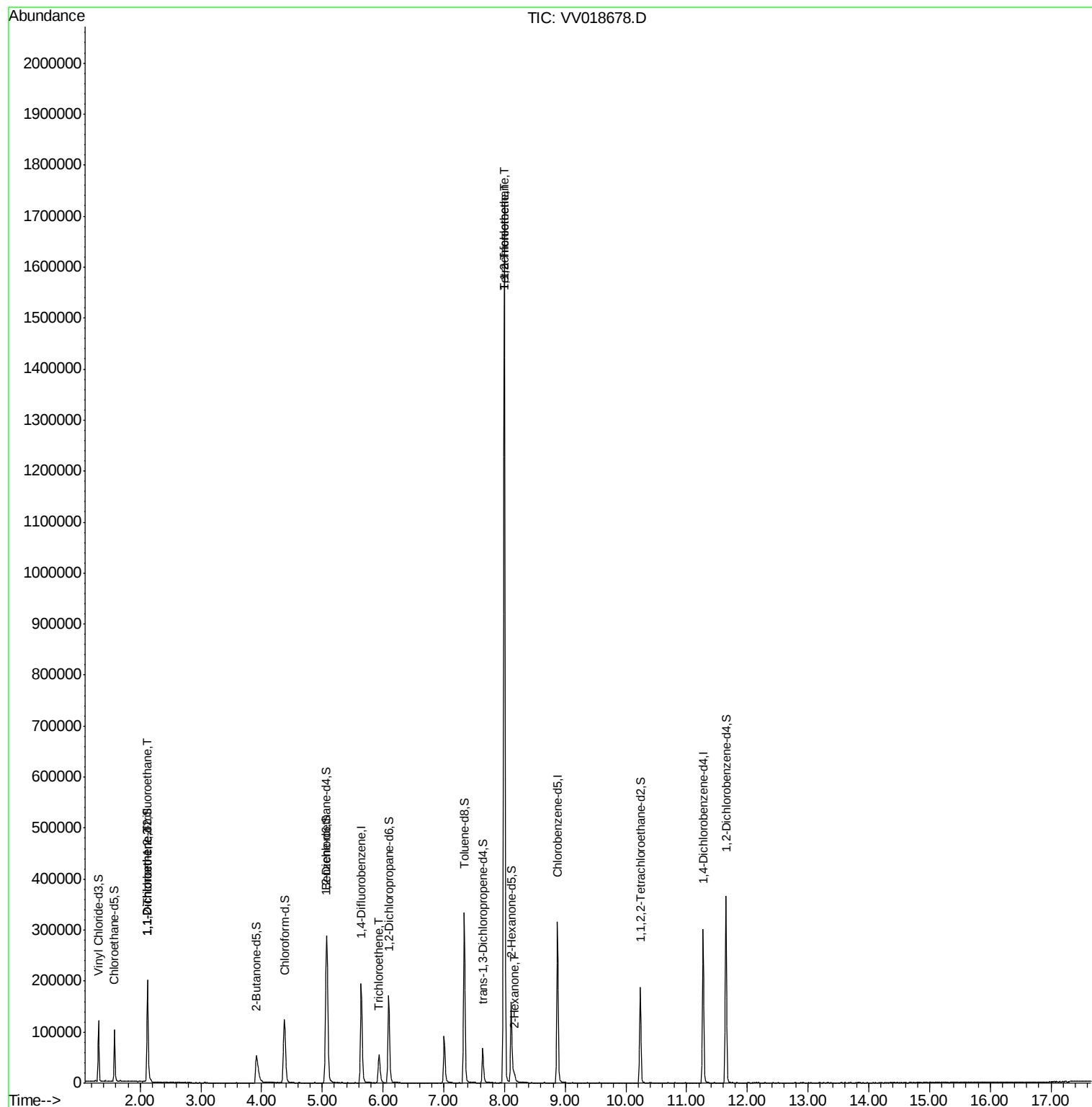
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	985	0.929 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	980	0.964 ug/L #	1
34) Trichloroethene	5.94	95	13108	9.406 ug/L	92
45) 1,1,2-Trichloroethane	7.99	97	3575	2.932 ug/L #	13
46) Tetrachloroethene	8.00	164	367939	325.450 ug/L	96
48) 2-Hexanone	8.17	43	7825	6.311 ug/L #	86

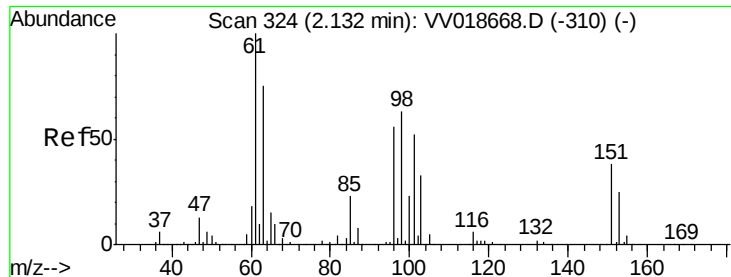
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.929 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

Instrument :

MSVOA_V

ClientSampleId :

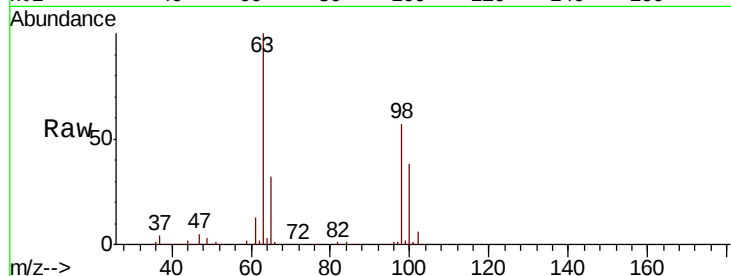
Tot Ion:101 Resp: 985

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

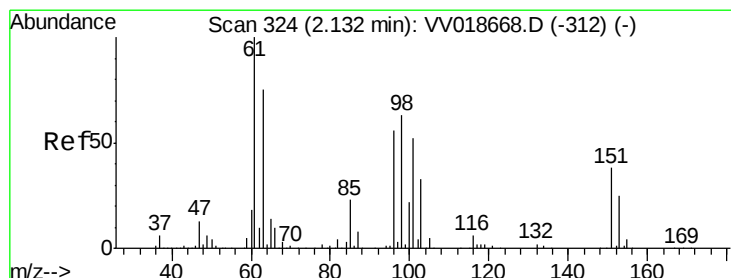
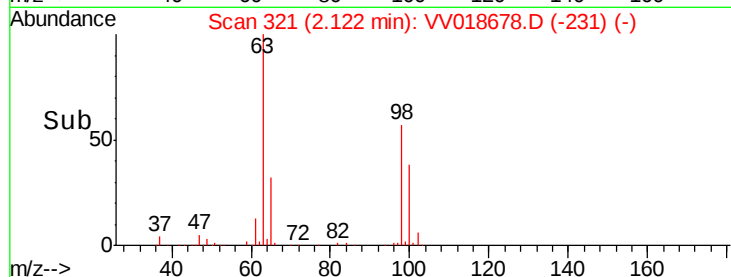
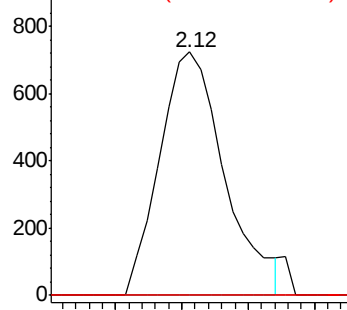
151 0.0 64.3 96.5#



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: 0.964 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

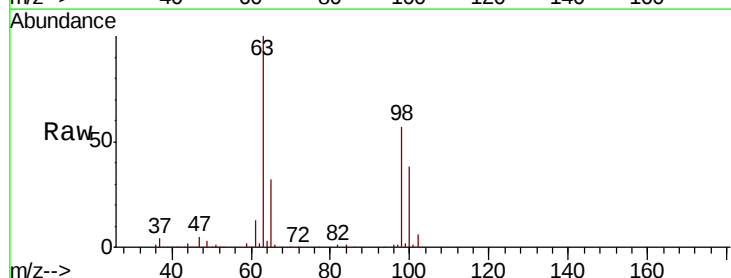
Tgt Ion: 96 Resp: 980

Ion Ratio Lower Upper

96 100

61 1373.9 122.8 228.1#

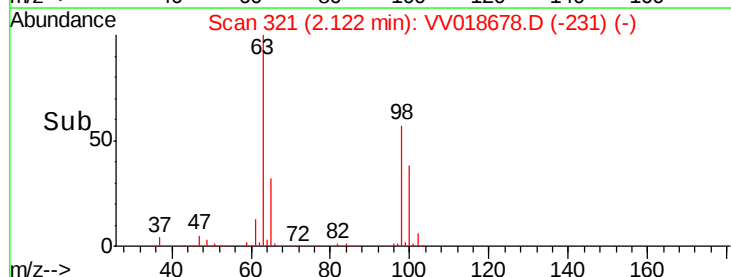
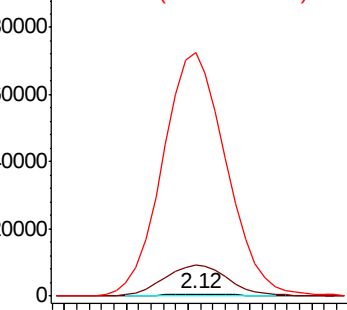
63 10743.7 91.9 170.7#

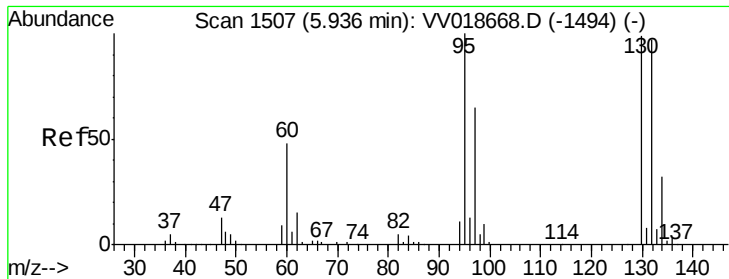


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 9.406 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 13108

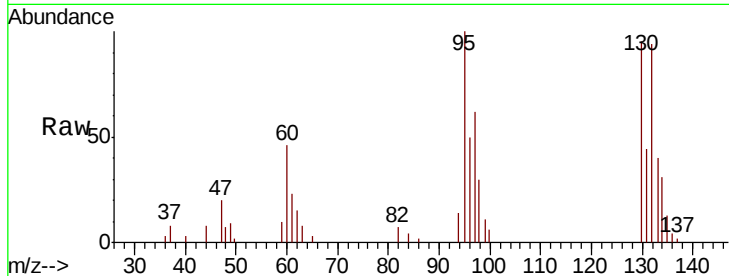
Ion Ratio Lower Upper

95 100

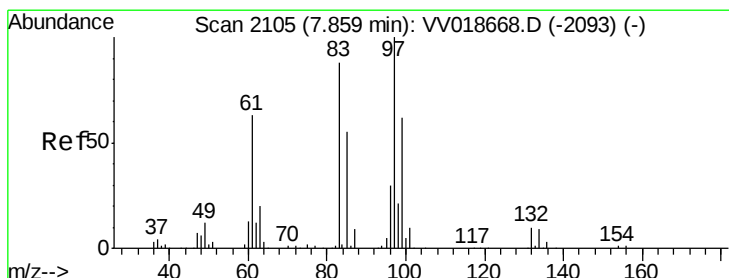
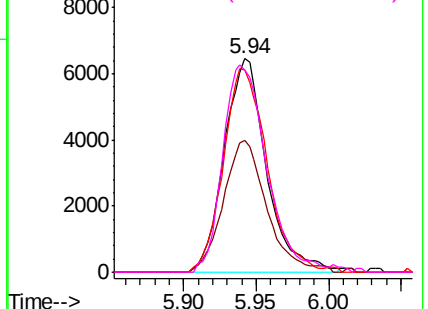
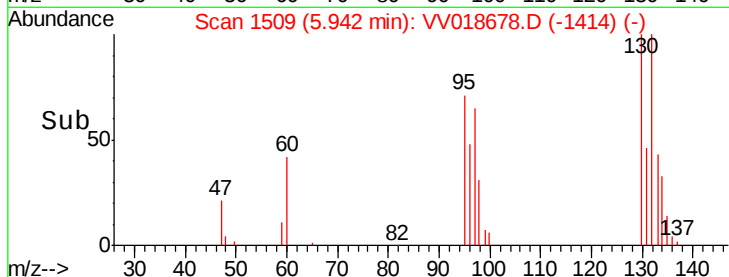
97 61.8 45.9 85.3

132 94.4 70.8 131.4

130 94.5 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV018668.D (-1494) (-)



#45

1,1,2-Trichloroethane

Concen: 2.932 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.13 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

Tgt Ion: 97 Resp: 3575

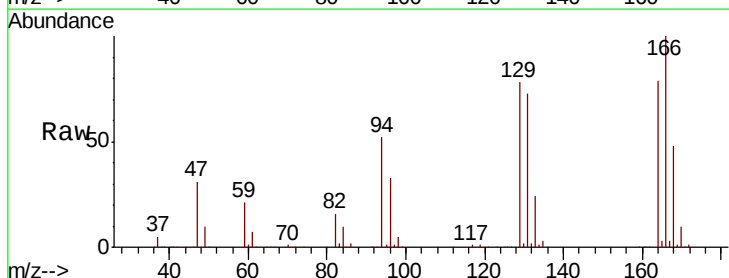
Ion Ratio Lower Upper

97 100

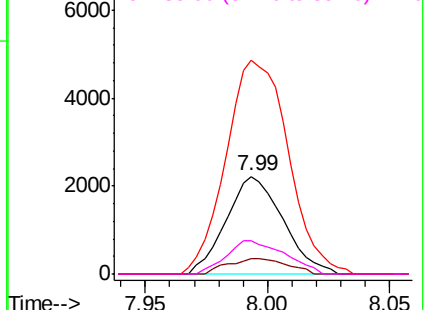
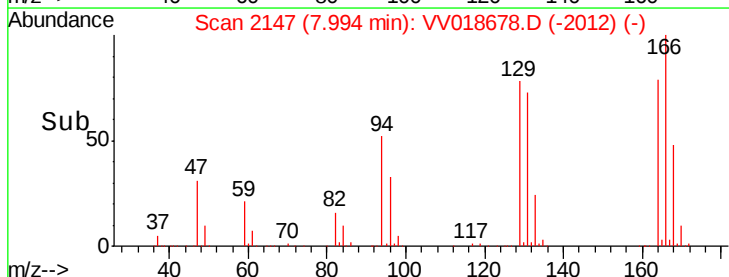
99 15.7 43.3 80.3#

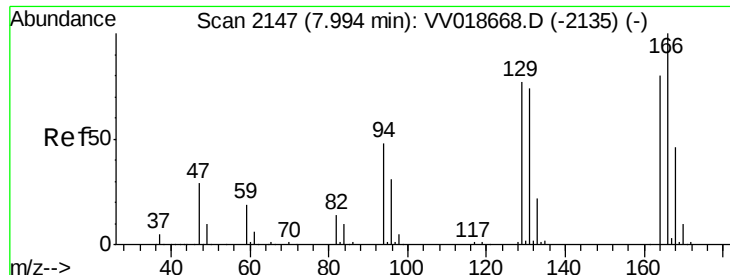
83 219.2 60.5 112.5#

85 33.8 38.3 71.1#



Abundance Ion 97.00 (96.70 to 97.70): VV018668.D (-2093) (-)





#46

Tetrachloroethene

Concen: 325.450 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 367939

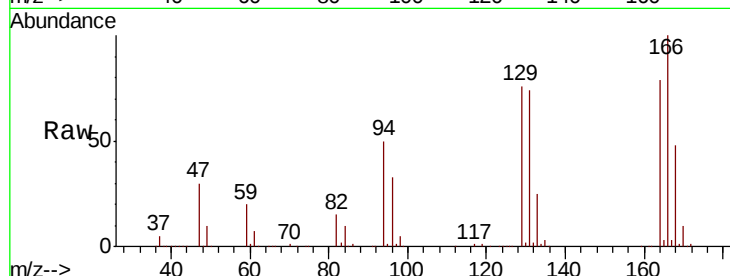
Ion Ratio Lower Upper

164 100

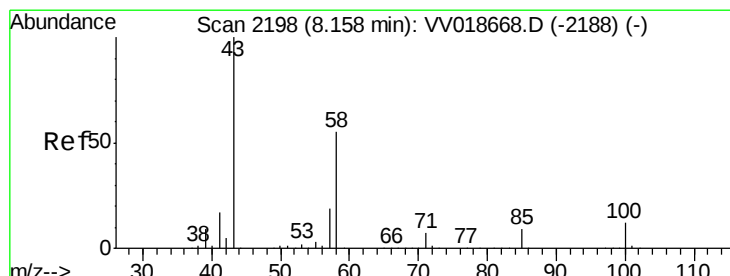
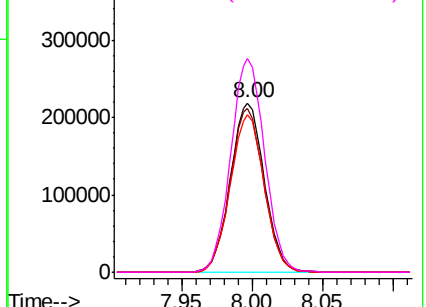
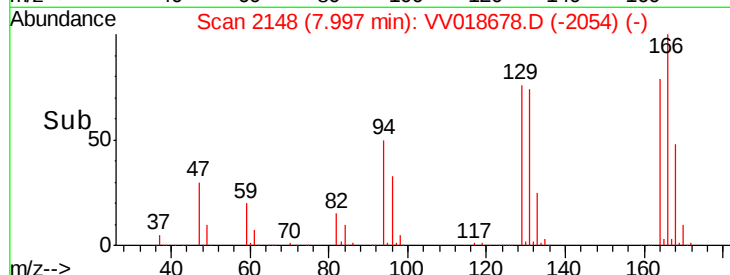
129 96.5 62.8 116.6

131 93.0 60.8 112.8

166 126.2 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: 6.311 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018678.D

Acq: 05 Oct 2020 16:45

Tgt Ion: 43 Resp: 7825

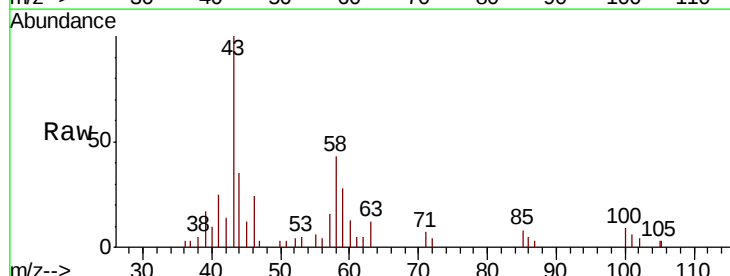
Ion Ratio Lower Upper

43 100

58 44.3 45.1 67.7#

57 16.0 15.7 23.5

100 9.0 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

