

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017418.D
 Acq On : 09 Jul 2020 23:23
 Operator : SY/MD
 Sample : L3253-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A26

Quant Time: Jul 10 05:15:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278517	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58734	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.02%
7) Chloroethane-d5	1.58	69	44410	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	99013	30.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.32%
21) 2-Butanone-d5	3.91	46	88234	89.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.09%
24) Chloroform-d	4.38	84	142887	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	106955	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.08	84	250746	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
36) 1,2-Dichloropropane-d6	6.09	67	74067	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.44%
41) Toluene-d8	7.34	98	240484	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%
43) trans-1,3-Dichloropropene-	7.64	79	40310	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.11	63	59053	89.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97072	43.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	102886	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

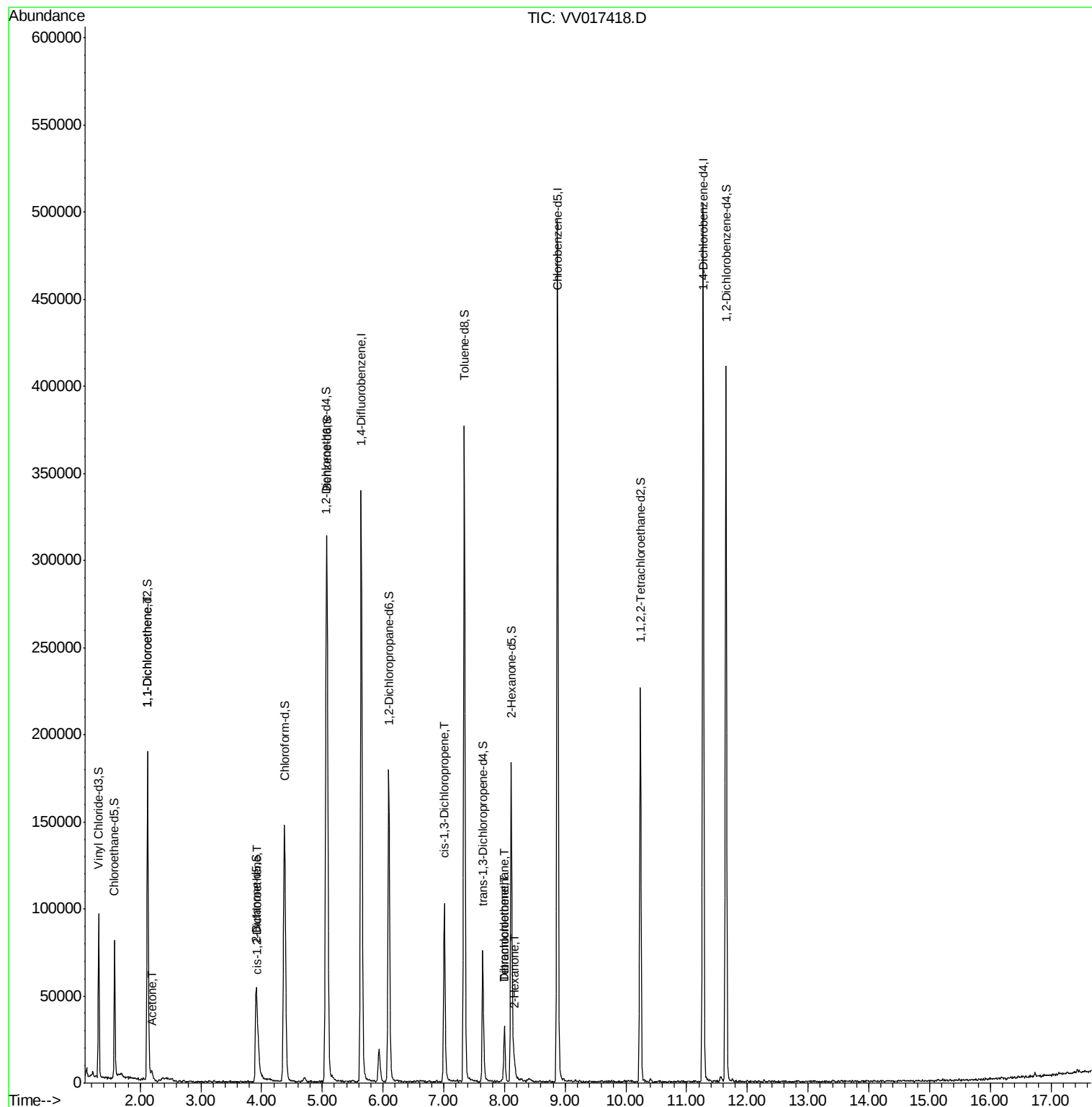
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1240	0.741 ug/L #	1
13) Acetone	2.19	43	7786	5.775 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	4461	2.289 ug/L	95
39) cis-1,3-Dichloropropene	7.01	75	3028	1.067 ug/L #	79
46) Tetrachloroethene	8.00	164	7291	4.295 ug/L	95
48) 2-Hexanone	8.16	43	4287	2.299 ug/L #	48
49) Dibromochloromethane	8.00	129	6454	2.863 ug/L #	10

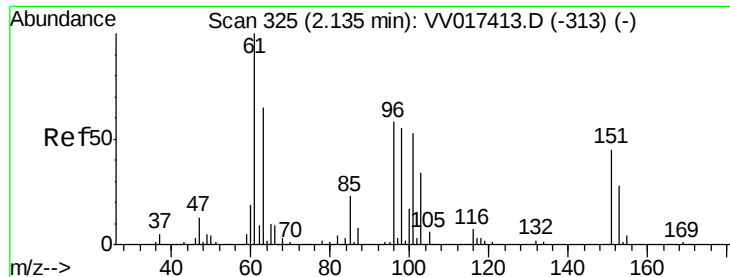
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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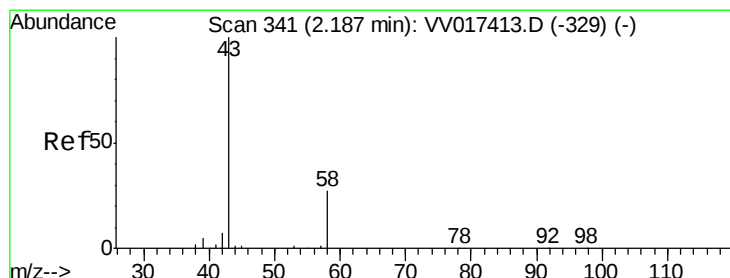
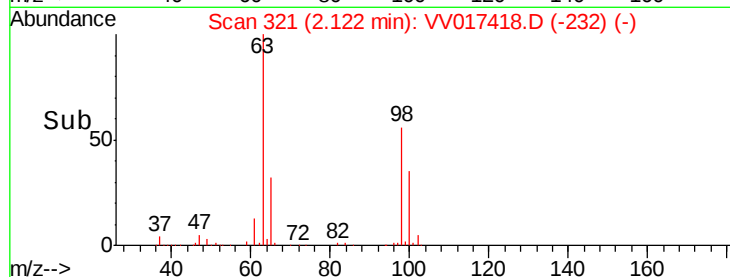
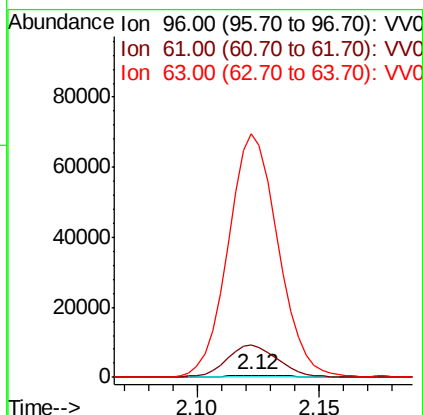
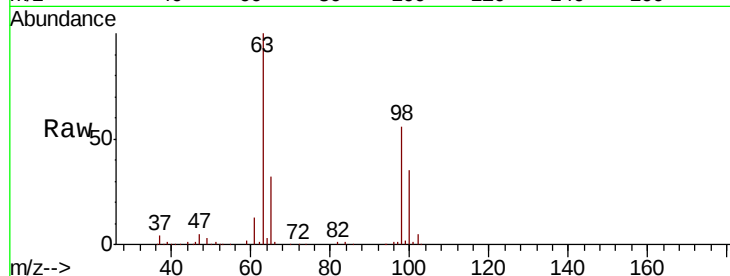




#12
 1,1-Dichloroethene
 Concen: 0.741 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017418.D
 Acq: 09 Jul 2020 23:23

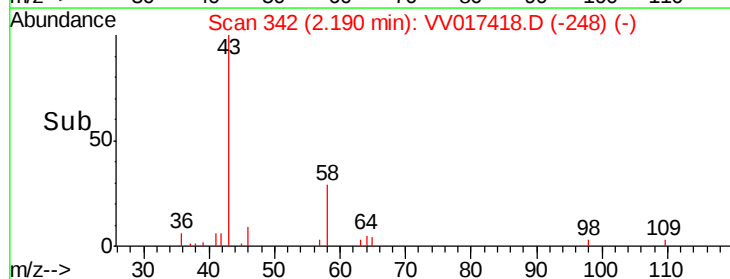
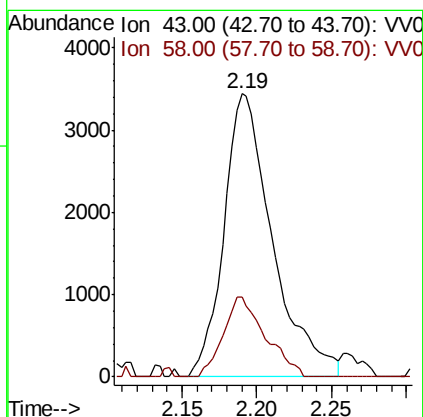
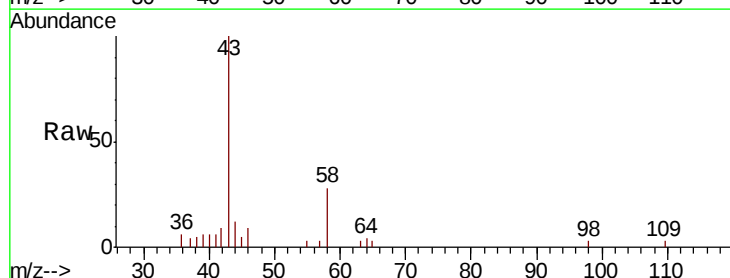
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A26

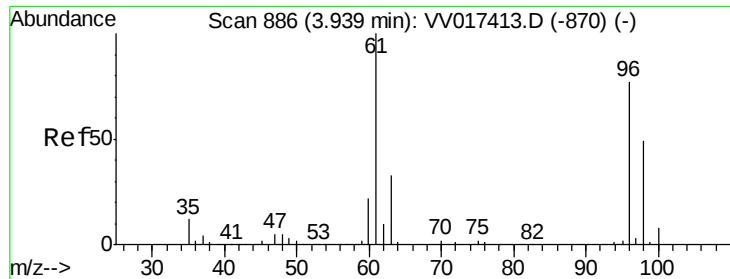
Tot Ion: 96 Resp: 1240
 Ion Ratio Lower Upper
 96 100
 61 1380.1 132.7 246.4#
 63 10409.6 103.3 191.8#



#13
 Acetone
 Concen: 5.775 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV017418.D
 Acq: 09 Jul 2020 23:23

Tgt Ion: 43 Resp: 7786
 Ion Ratio Lower Upper
 43 100
 58 24.5 0.0 56.0





#20

cis-1,2-Dichloroethene

Concen: 2.289 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017418.D

Acq: 09 Jul 2020 23:23

Instrument :

MSVOA_V

ClientSampleId :

F4A26

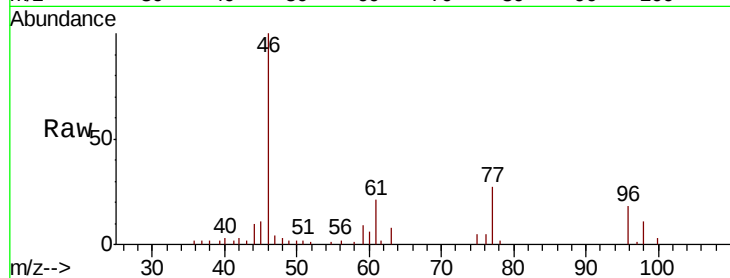
Tot Ion: 96 Resp: 4461

Ion Ratio Lower Upper

96 100

61 132.9 88.9 165.1

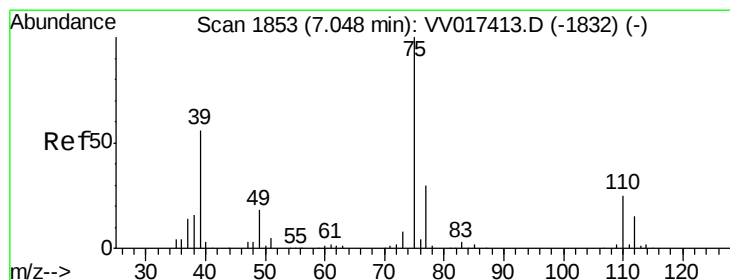
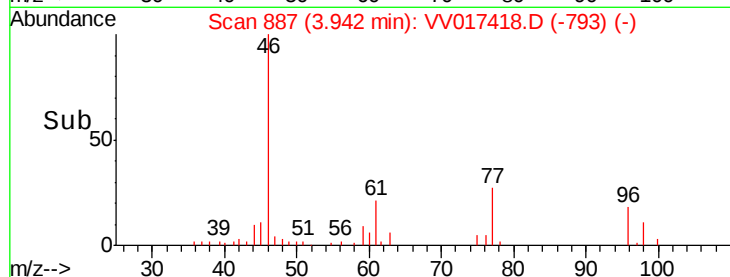
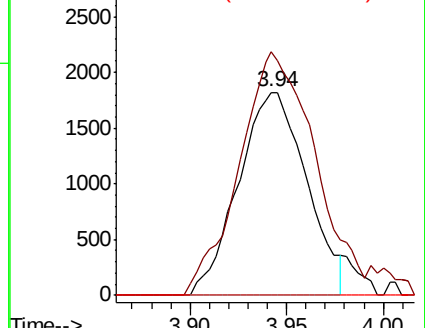
68 0.0 0.0 0.0



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



#39

cis-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017418.D

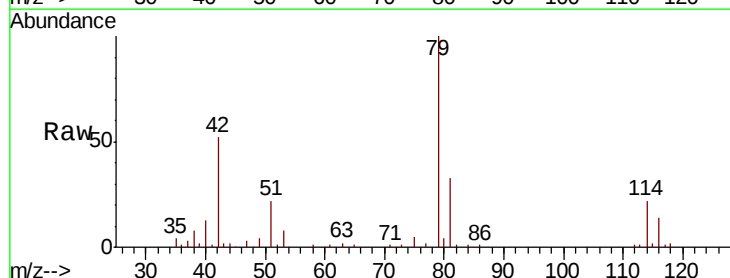
Acq: 09 Jul 2020 23:23

Tgt Ion: 75 Resp: 3028

Ion Ratio Lower Upper

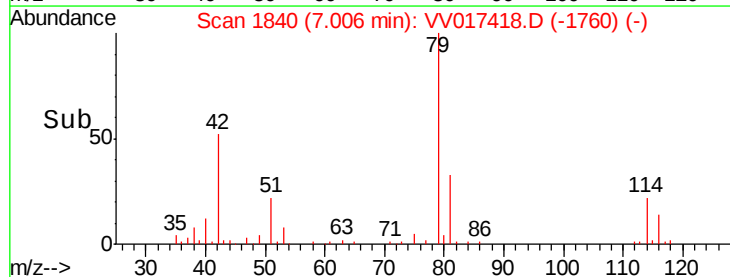
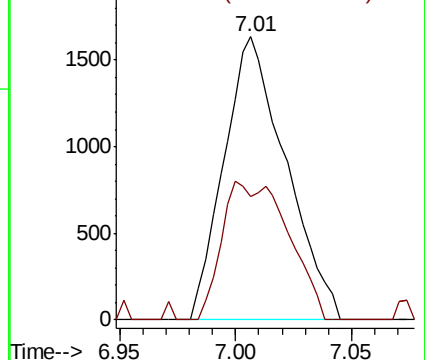
75 100

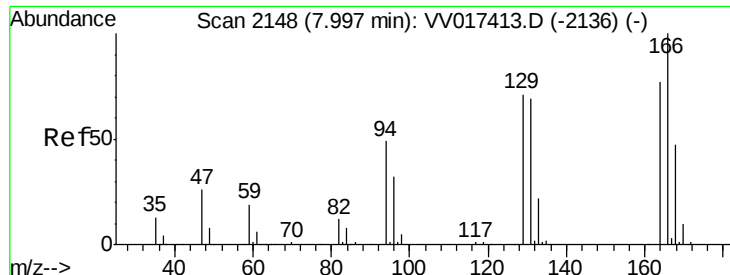
77 43.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 4.295 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017418.D

Acq: 09 Jul 2020 23:23

Instrument :

MSVOA_V

ClientSampled :

F4A26

Tot Ion:164 Resp: 7291

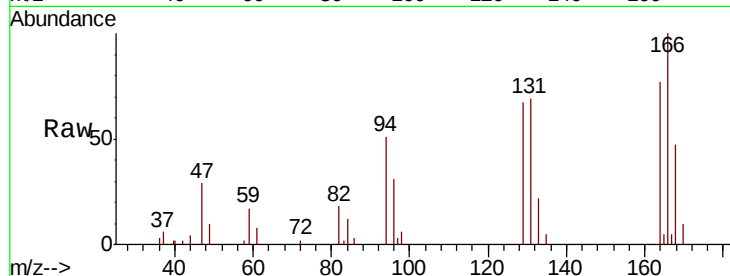
Ion Ratio Lower Upper

164 100

129 87.4 66.6 123.8

131 89.1 65.5 121.7

166 129.6 93.9 174.5

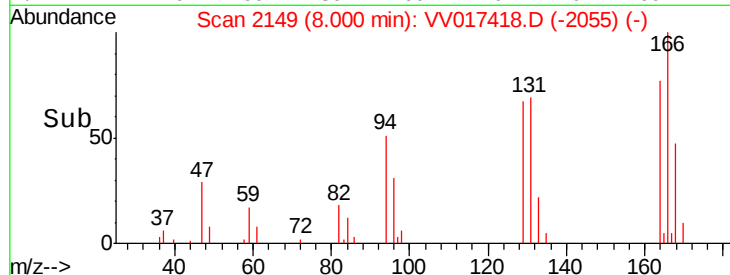


Abundance Ion 164.00 (163.70 to 164.70): V

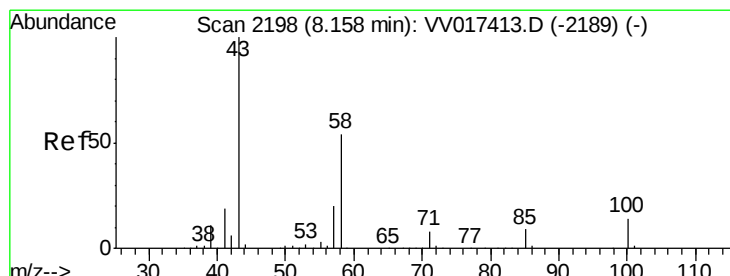
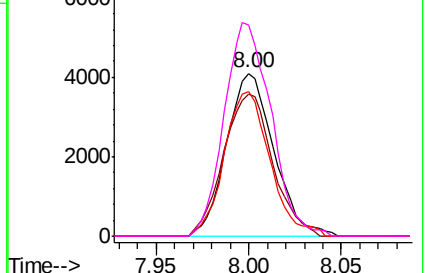
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#48

2-Hexanone

Concen: 2.299 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV017418.D

Acq: 09 Jul 2020 23:23

Tgt Ion: 43 Resp: 4287

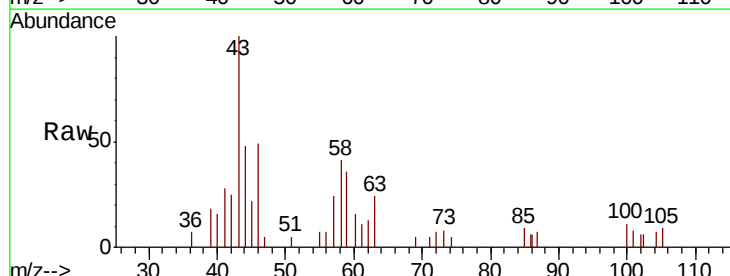
Ion Ratio Lower Upper

43 100

58 0.0 42.6 64.0#

57 25.4 16.2 24.4#

100 4.4 10.9 16.3#

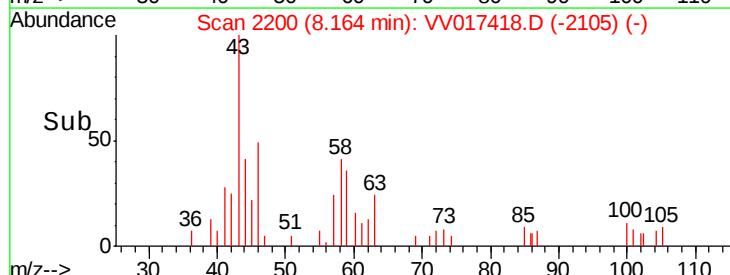


Abundance Ion 43.00 (42.70 to 43.70): VV0

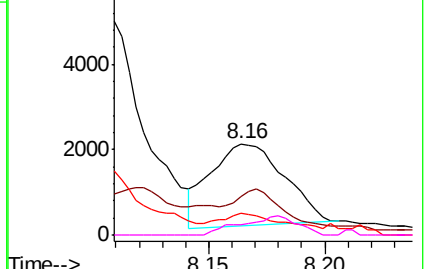
Ion 58.00 (57.70 to 58.70): VV0

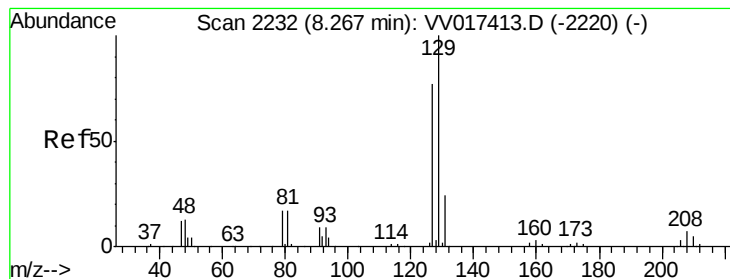
Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->





#49

Dibromochloromethane

Concen: 2.863 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017418.D

Acq: 09 Jul 2020 23:23

Instrument :

MSVOA_V

ClientSampleId :

F4A26

Tot Ion:129 Resp: 6454

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

