

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017447.D
 Acq On : 10 Jul 2020 18:02
 Operator : SY/MD
 Sample : L3270-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A06

Quant Time: Jul 11 00:26:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266035	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52289	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.58	69	43596	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.62%
11) 1,1-Dichloroethene-d2	2.12	63	95864	30.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.14%
21) 2-Butanone-d5	3.91	46	92062	97.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.32%
24) Chloroform-d	4.38	84	143435	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.06	65	107273	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.08	84	251256	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
36) 1,2-Dichloropropane-d6	6.09	67	73633	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.34	98	233936	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.64	79	42308	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.02%
47) 2-Hexanone-d5	8.11	63	61121	95.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101300	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	101242	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

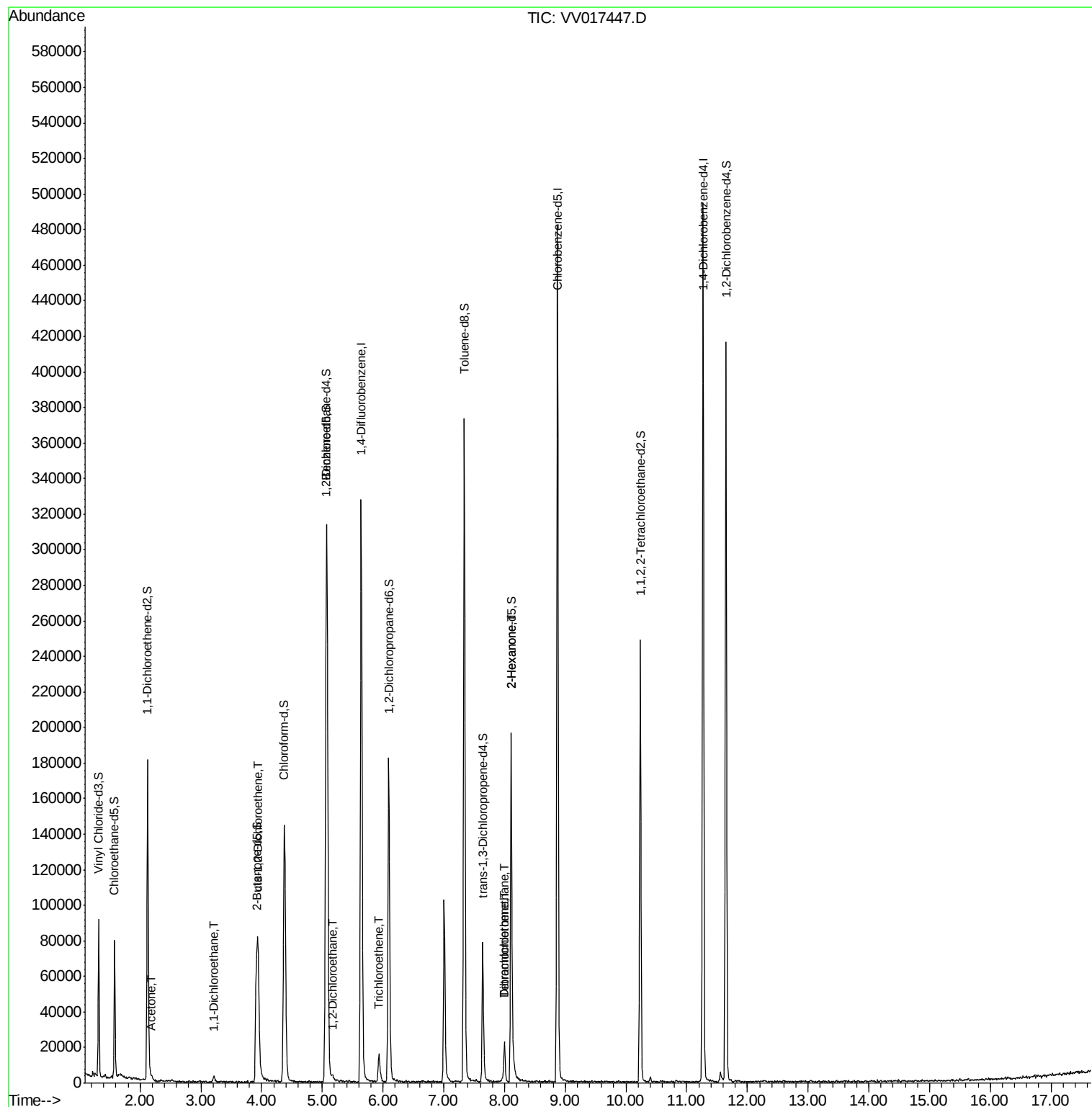
					Ovalue
13) Acetone	2.19	43	1912	1.485 ug/L	79
19) 1,1-Dichloroethane	3.22	63	2419	0.757 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	31455	16.895 ug/L	99
27) 1,2-Dichloroethane	5.16	62	2758	0.875 ug/L #	81
34) Trichloroethene	5.94	95	1514	0.768 ug/L	88
46) Tetrachloroethene	7.99	164	4832	2.918 ug/L	95
48) 2-Hexanone	8.11	43	8485	4.666 ug/L #	59
49) Dibromochloromethane	8.00	129	4411	2.006 ug/L #	10

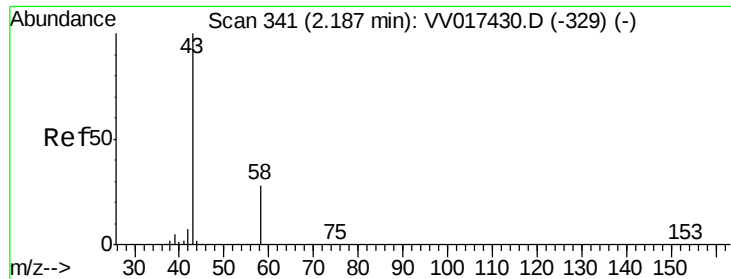
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.485 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017447.D

Acq: 10 Jul 2020 18:02

Instrument :

MSVOA_V

ClientSampled :

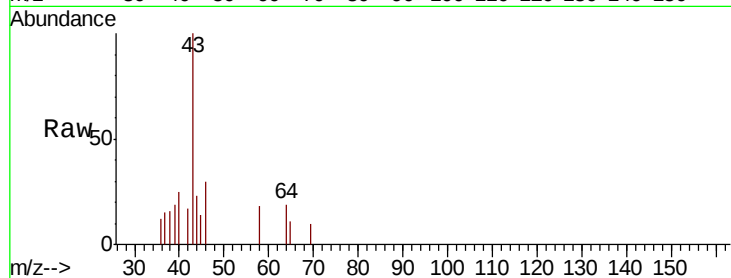
F4A06

Tot Ion: 43 Resp: 1912

Ion Ratio Lower Upper

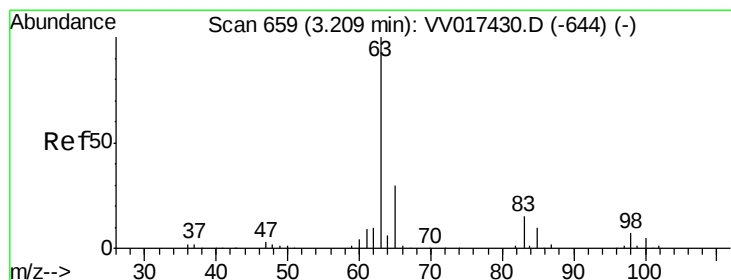
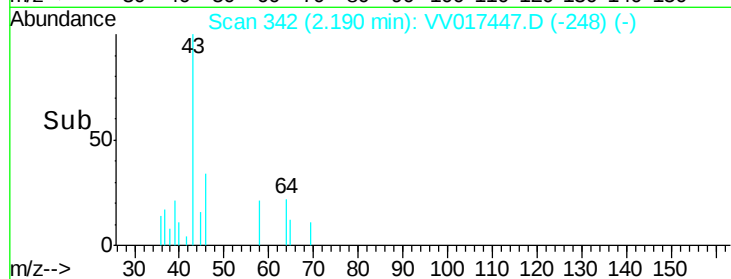
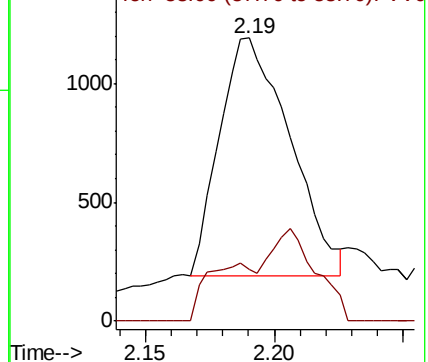
43 100

58 16.9 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 0.757 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.01 min

Lab File: VV017447.D

Acq: 10 Jul 2020 18:02

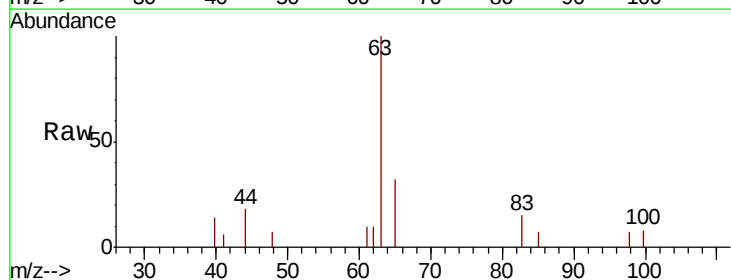
Tgt Ion: 63 Resp: 2419

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

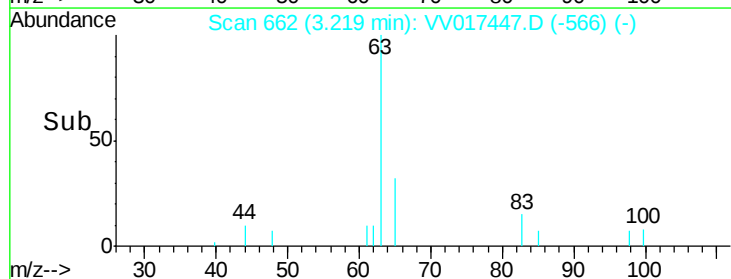
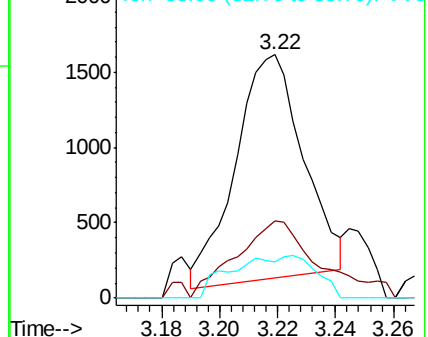
83 15.0 10.1 18.9

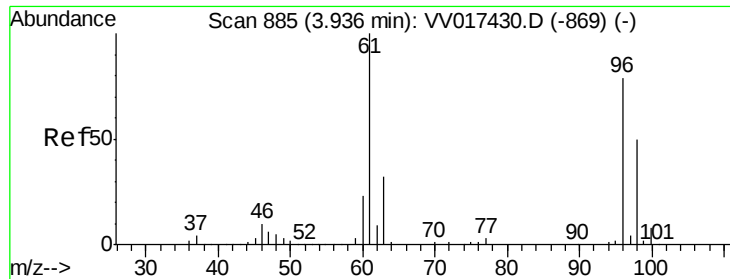


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

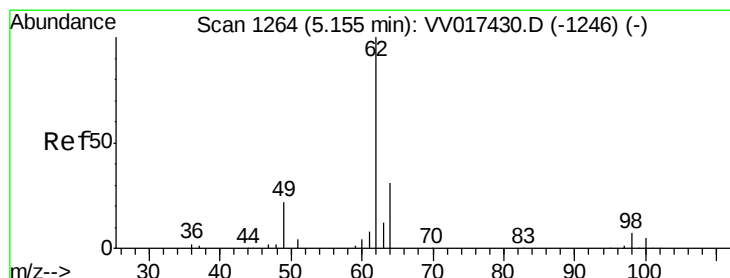
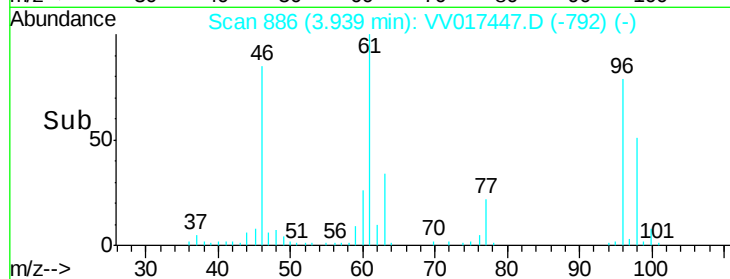
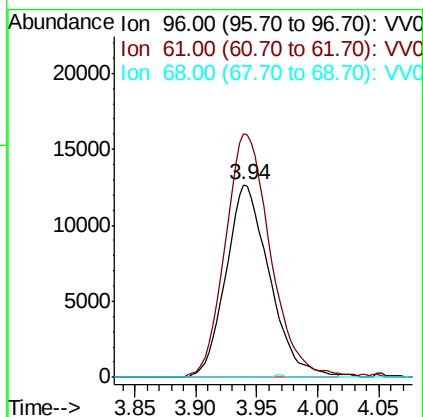
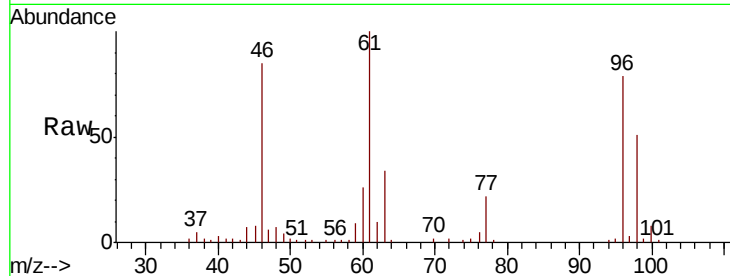




#20
 cis-1,2-Dichloroethene
 Concen: 16.895 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017447.D
 Acq: 10 Jul 2020 18:02

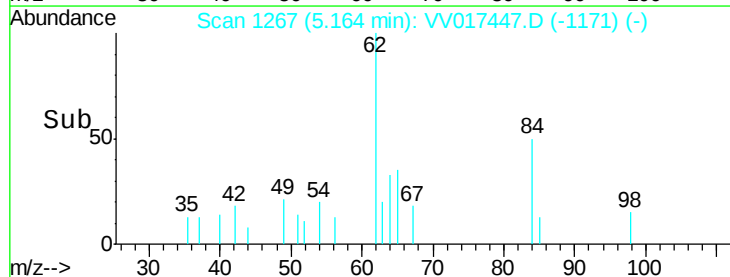
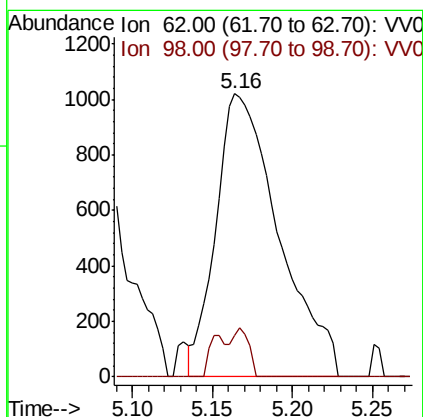
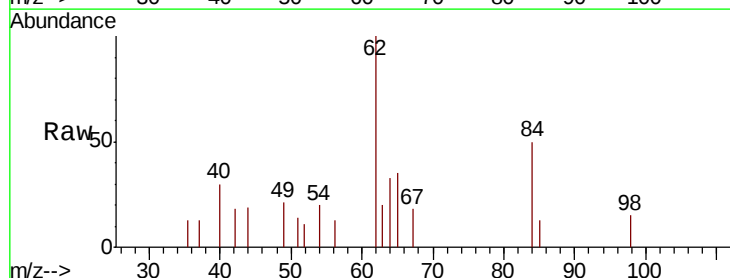
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A06

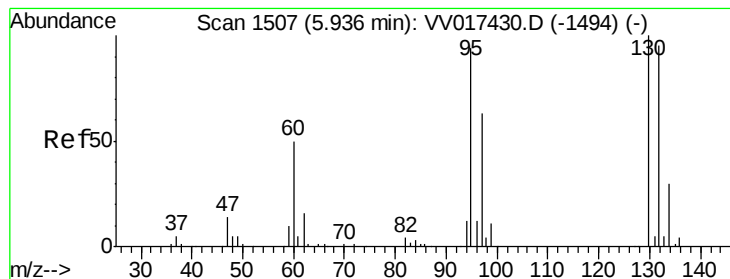
Tot Ion: 96 Resp: 31455
 Ion Ratio Lower Upper
 96 100
 61 126.3 88.9 165.1
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.875 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV017447.D
 Acq: 10 Jul 2020 18:02

Tgt Ion: 62 Resp: 2758
 Ion Ratio Lower Upper
 62 100
 98 14.8 6.4 9.6#





#34

Trichloroethene

Concen: 0.768 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017447.D

Acq: 10 Jul 2020 18:02

Instrument :

MSVOA_V

ClientSampleId :

F4A06

Tot Ion: 95 Resp: 1514

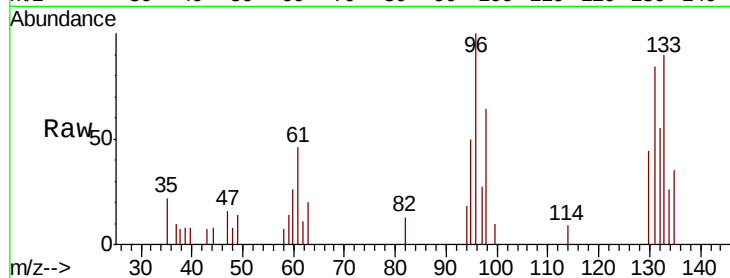
Ion Ratio Lower Upper

95 100

97 54.4 45.6 84.6

132 109.5 74.1 137.5

130 87.0 75.5 140.3

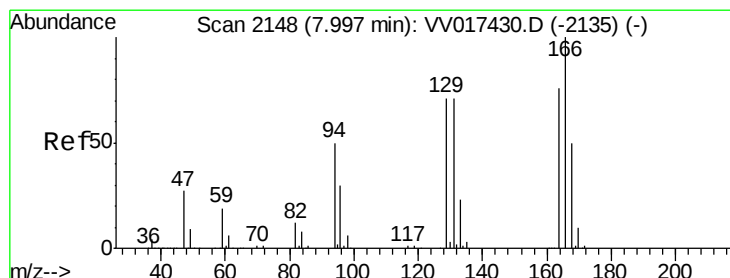
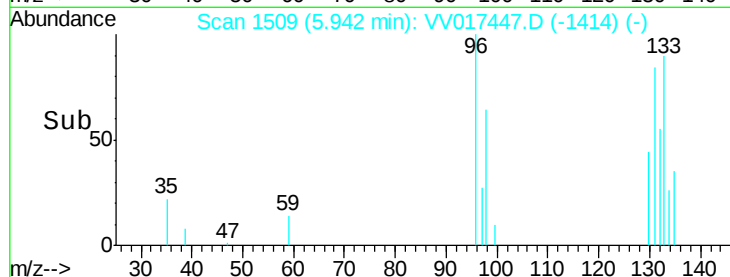
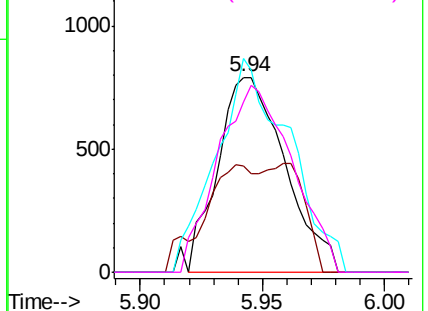


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 2.918 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017447.D

Acq: 10 Jul 2020 18:02

Tgt Ion:164 Resp: 4832

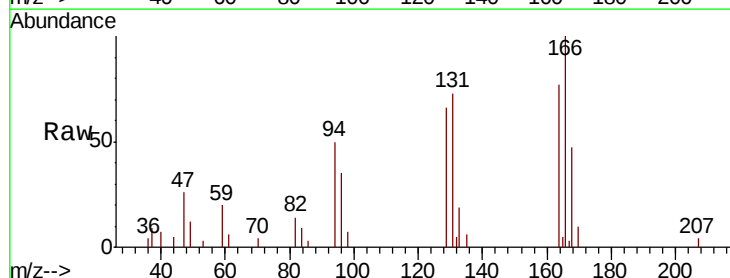
Ion Ratio Lower Upper

164 100

129 85.4 66.6 123.8

131 95.1 65.5 121.7

166 130.1 93.9 174.5

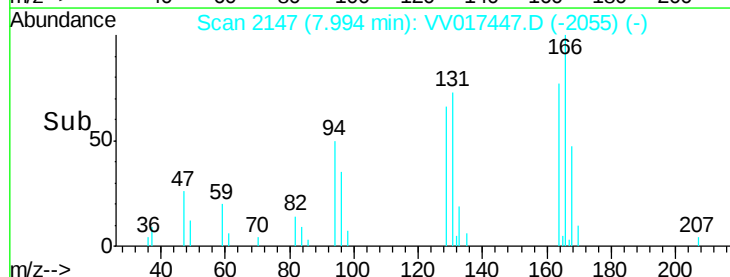
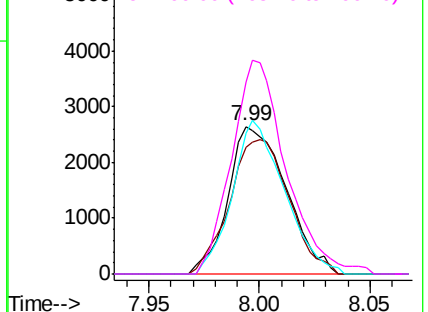


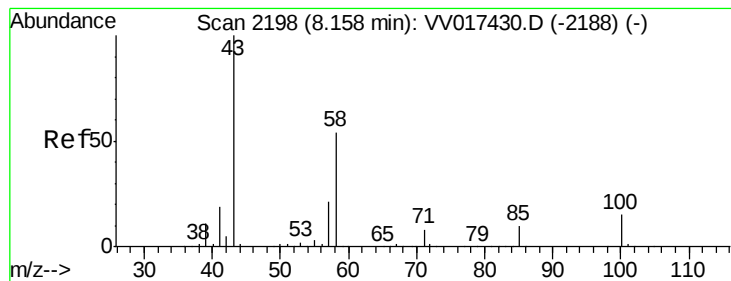
Abundance Ion 164.00 (163.70 to 164.70): V

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





#48

2-Hexanone

Concen: 4.666 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017447.D

Acq: 10 Jul 2020 18:02

Instrument :

MSVOA_V

ClientSampleId :

F4A06

Tot Ion: 43 Resp: 8485

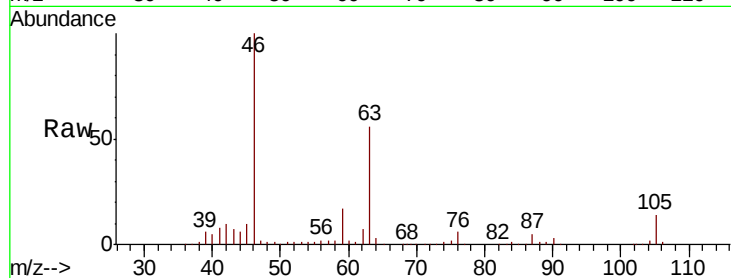
Ion Ratio Lower Upper

43 100

58 16.5 42.6 64.0#

57 29.3 16.2 24.4#

100 0.0 10.9 16.3#

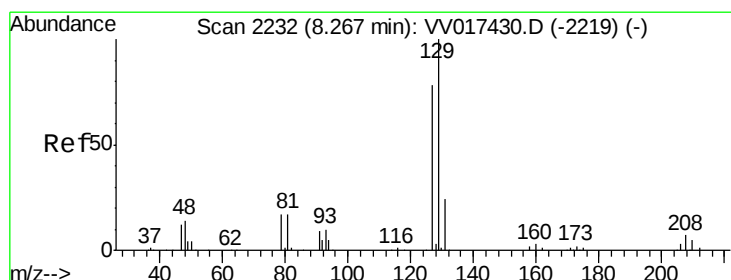
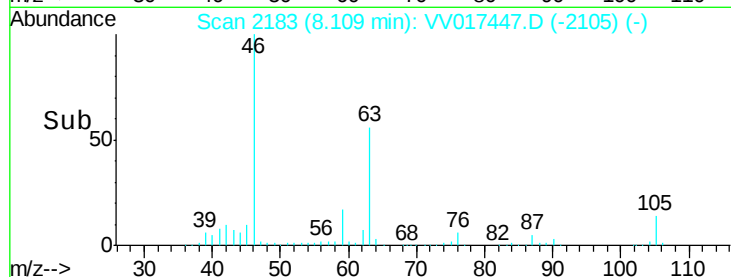
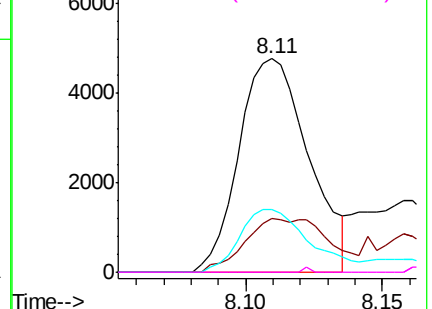


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#49

Dibromochloromethane

Concen: 2.006 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017447.D

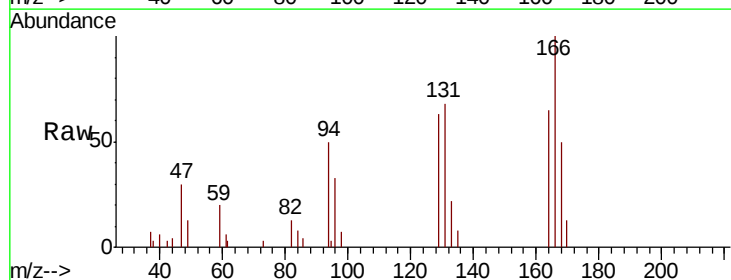
Acq: 10 Jul 2020 18:02

Tgt Ion: 129 Resp: 4411

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

