

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017006.D
 Acq On : 19 Jun 2020 17:48
 Operator : SY/MD
 Sample : L3074-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M10

Quant Time: Jun 20 02:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332933	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103391	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.58	69	62270	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.12	63	151719	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
21) 2-Butanone-d5	3.91	46	157495	90.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	4.38	84	220842	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.06	65	156965	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.08	84	429724	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.09	67	131336	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.34	98	395088	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.64	79	64745	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	93478	77.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158649	43.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	155739	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

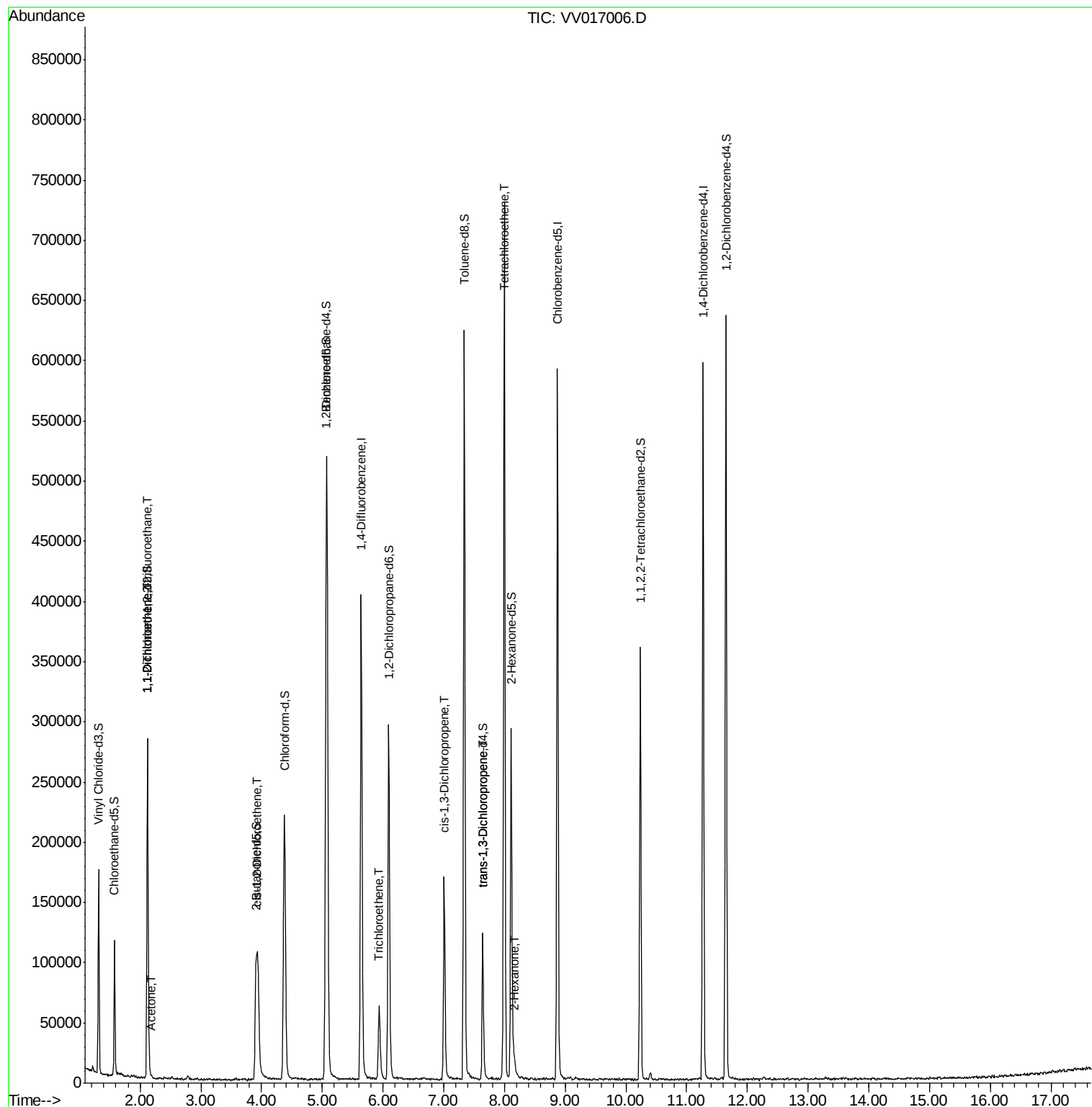
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1491	0.842 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1466	0.887 ug/L #	1
13) Acetone	2.19	43	1918	1.674 ug/L	58
20) cis-1,2-Dichloroethene	3.94	96	39321	16.009 ug/L	97
34) Trichloroethene	5.94	95	15794	6.427 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	5097	1.377 ug/L	83
44) trans-1,3-Dichloropropene	7.64	75	3497	0.972 ug/L #	71
46) Tetrachloroethene	8.00	164	155618	80.513 ug/L	99
48) 2-Hexanone	8.17	43	9084	3.470 ug/L #	69

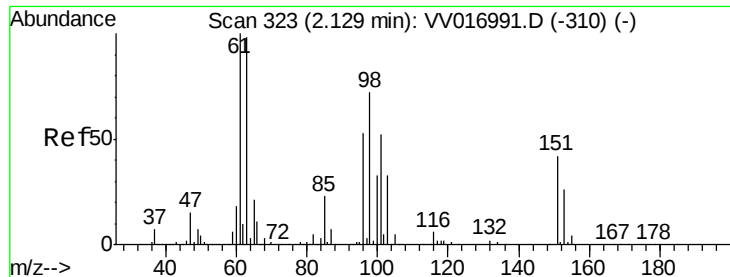
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.842 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

F9M10

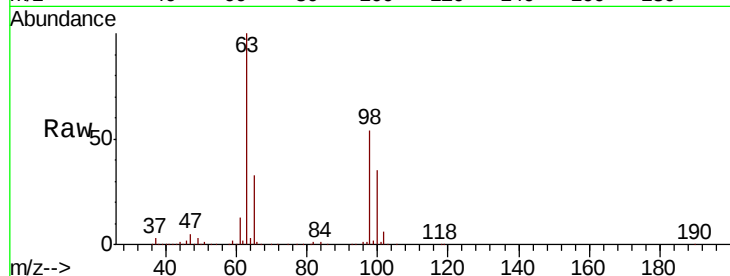
Tot Ion:101 Resp: 1491

Ion Ratio Lower Upper

101 100

85 4.6 35.5 53.3#

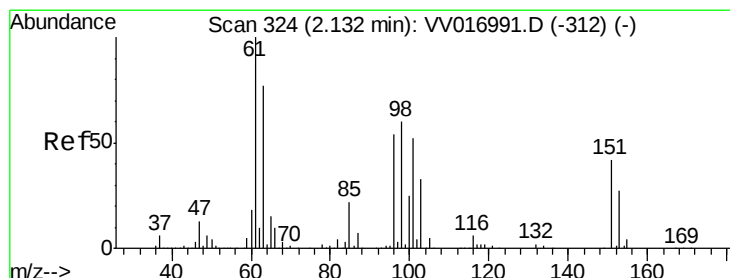
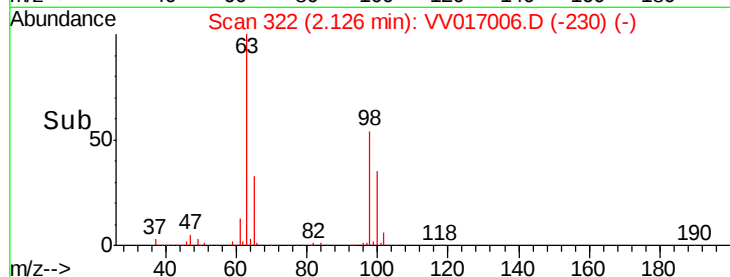
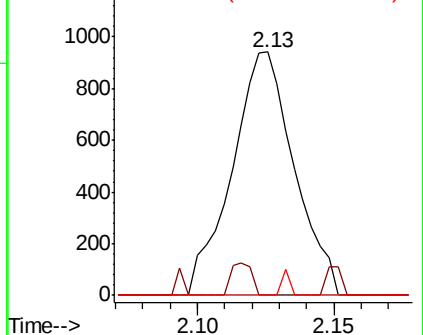
151 0.0 63.9 95.9#



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: 0.887 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

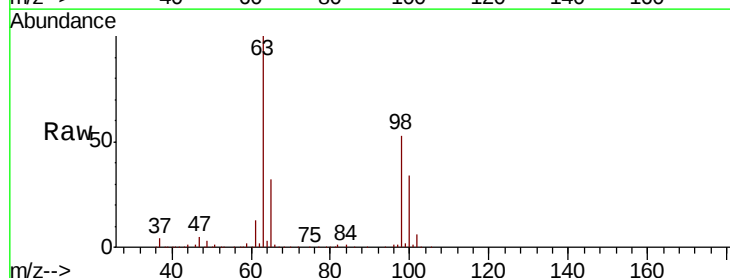
Tgt Ion: 96 Resp: 1466

Ion Ratio Lower Upper

96 100

61 1466.4 130.4 242.2#

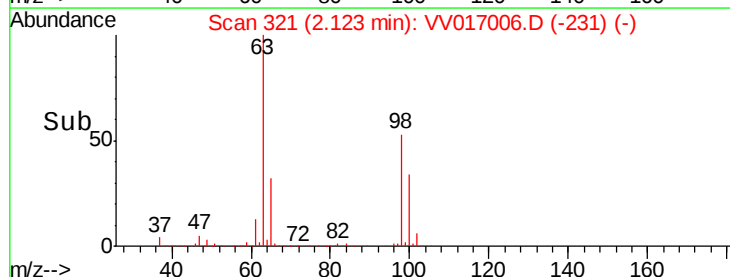
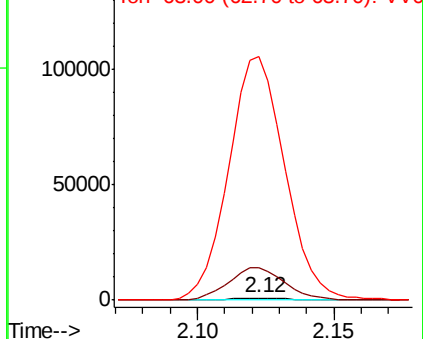
63 11118.1 103.3 191.9#

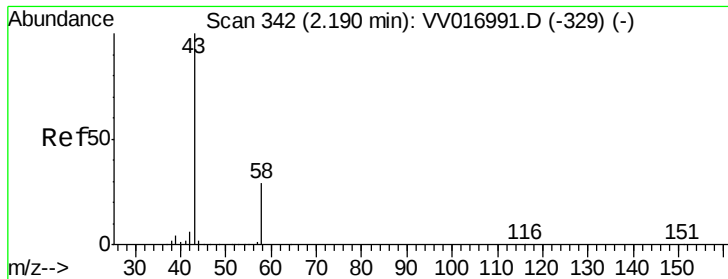


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.674 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

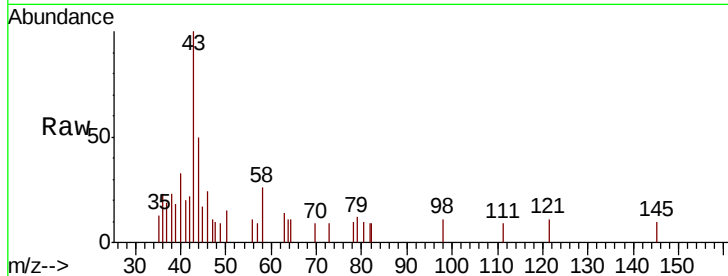
F9M10

Tot Ion: 43 Resp: 1918

Ion Ratio Lower Upper

43 100

58 5.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

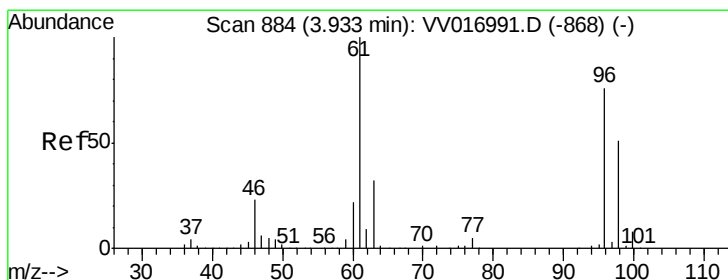
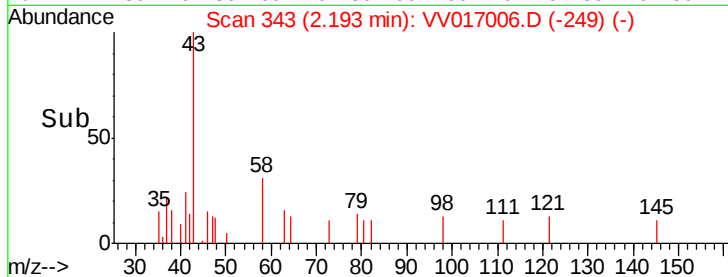
2.19

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 16.009 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

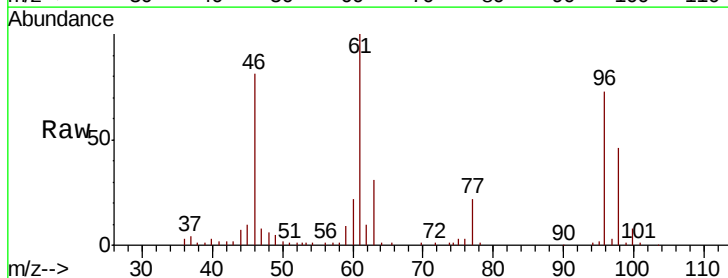
Tgt Ion: 96 Resp: 39321

Ion Ratio Lower Upper

96 100

61 137.1 93.4 173.4

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

25000

20000

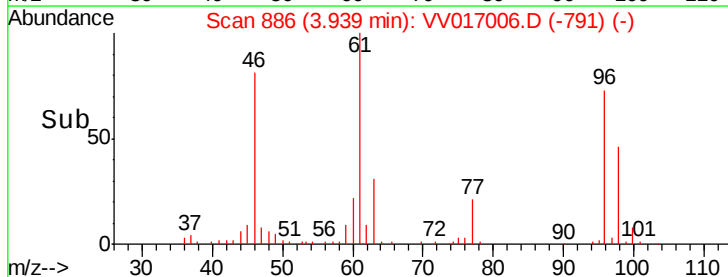
15000

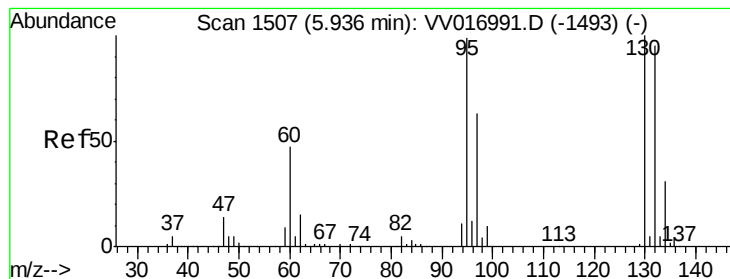
10000

5000

0

Time-->





#34

Trichloroethene

Concen: 6.427 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampled :

F9M10

Tot Ion: 95 Resp: 15794

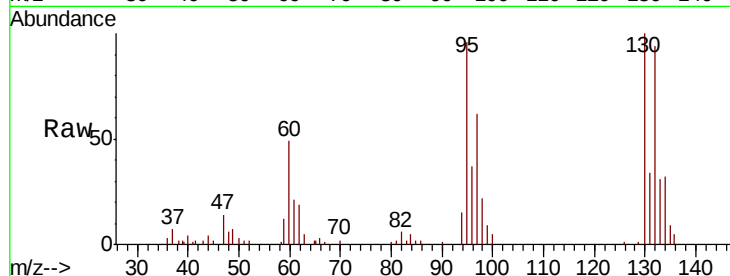
Ion Ratio Lower Upper

95 100

97 65.1 44.3 82.3

132 97.7 67.9 126.1

130 104.5 72.2 134.2

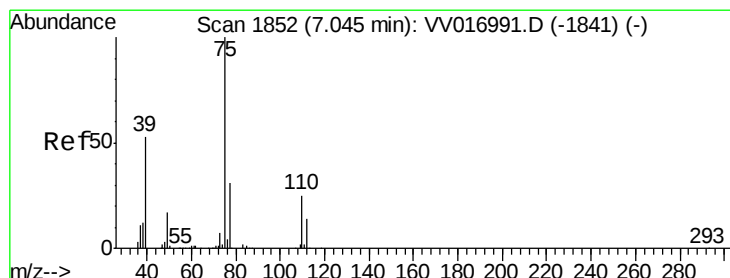
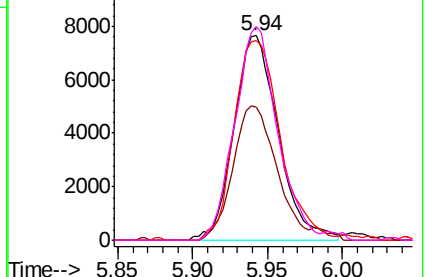
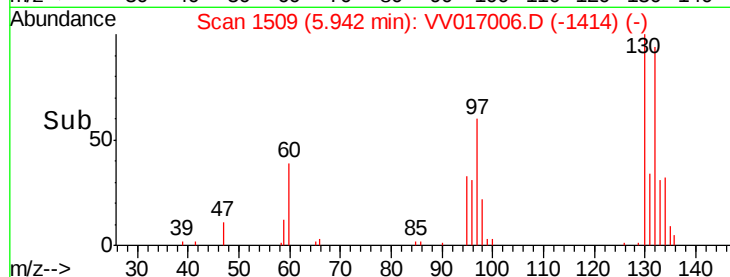


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.377 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017006.D

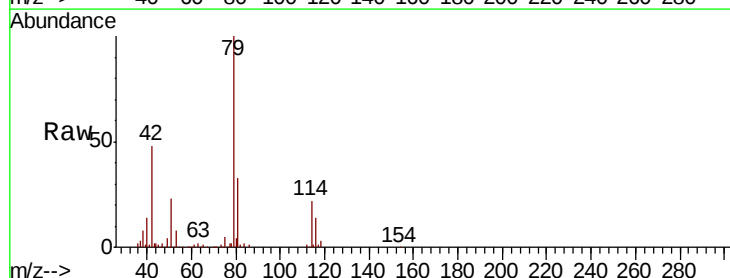
Acq: 19 Jun 2020 17:48

Tgt Ion: 75 Resp: 5097

Ion Ratio Lower Upper

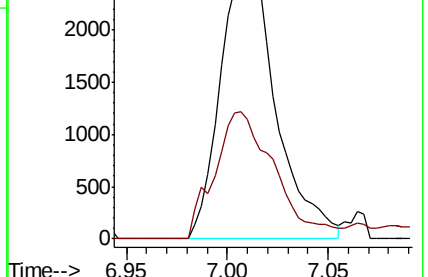
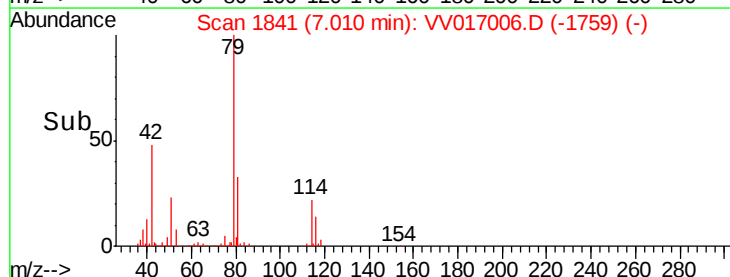
75 100

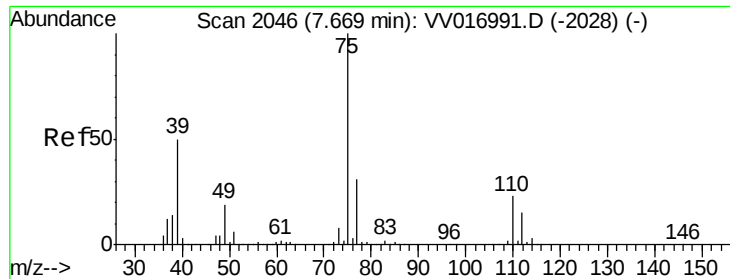
77 42.0 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.972 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_V

ClientSampled :

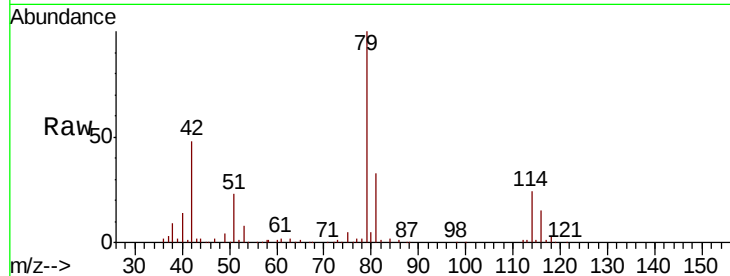
F9M10

Tot Ion: 75 Resp: 3497

Ion Ratio Lower Upper

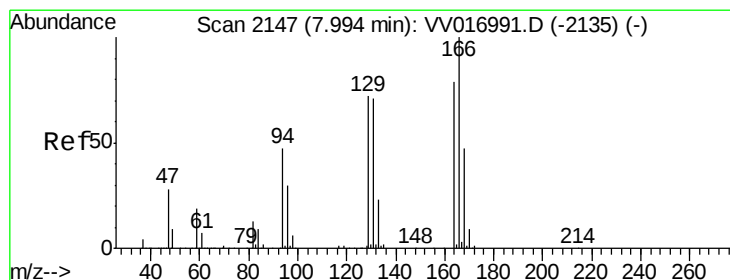
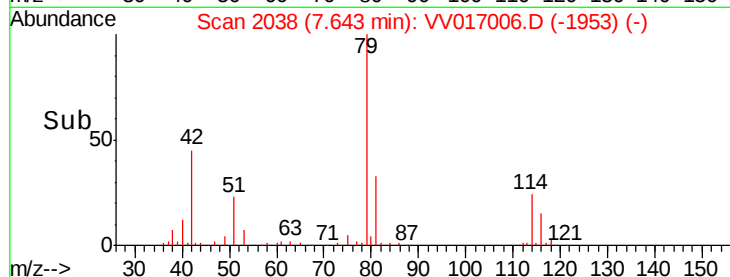
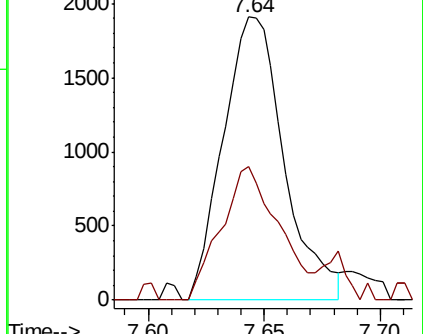
75 100

77 47.2 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV016991.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV016991.D (-2028) (-)



#46

Tetrachloroethene

Concen: 80.513 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017006.D

Acq: 19 Jun 2020 17:48

Tgt Ion:164 Resp: 155618

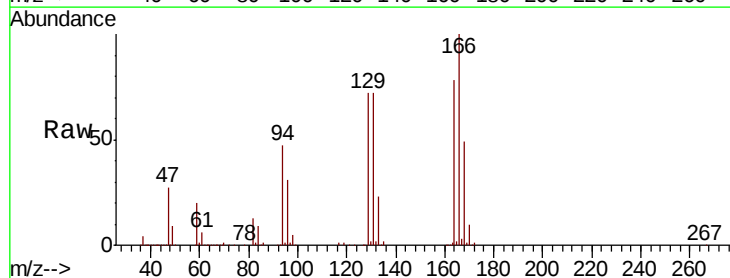
Ion Ratio Lower Upper

164 100

129 92.8 67.0 124.4

131 91.8 64.8 120.3

166 128.3 90.4 167.8

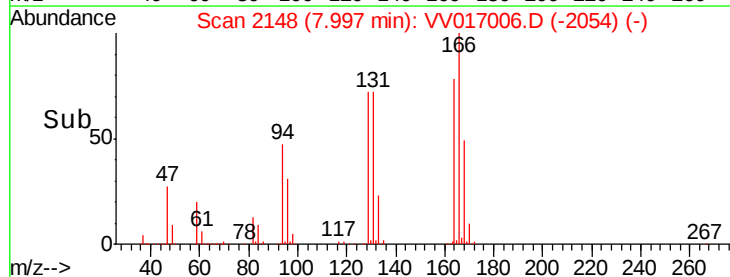
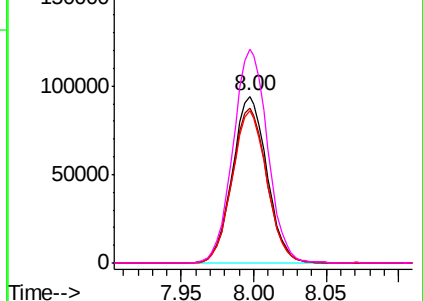


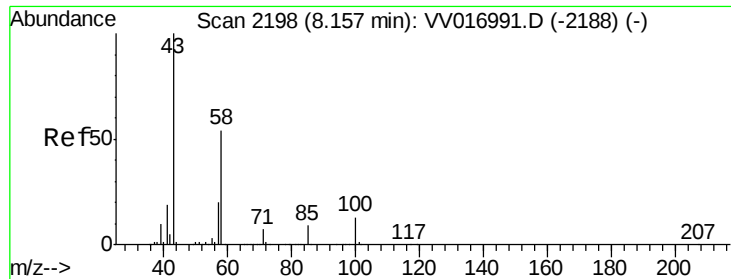
Abundance Ion 164.00 (163.70 to 164.70): VV016991.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV016991.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV016991.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV016991.D (-2135) (-)





#48
 2-Hexanone
 Concen: 3.470 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017006.D
 Acq: 19 Jun 2020 17:48

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M10

Tot Ion: 43 Resp: 9084
 Ion Ratio Lower Upper
 43 100
 58 30.9 43.1 64.7#
 57 1.5 15.3 22.9#
 100 6.4 10.0 15.0#

