

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016503.D
 Acq On : 04 Jun 2020 12:32
 Operator : SY/MD
 Sample : L2869-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	208046	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	192345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	90506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112383	76.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	152.54%#
7) Chloroethane-d5	1.57	69	87368	82.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	164.26%#
11) 1,1-Dichloroethene-d2	2.12	63	160298	61.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.74%
21) 2-Butanone-d5	3.90	46	187252	198.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	198.73%#
24) Chloroform-d	4.38	84	241758	87.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	174.84%#
26) 1,2-Dichloroethane-d4	5.06	65	169940	91.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	183.54%#
32) Benzene-d6	5.07	84	485906	94.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	188.62%#
36) 1,2-Dichloropropane-d6	6.09	67	152731	95.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	190.26%#
41) Toluene-d8	7.34	98	432057	92.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	184.66%#
43) trans-1,3-Dichloropropene-	7.64	79	69395	88.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	177.40%#
47) 2-Hexanone-d5	8.11	63	145835	212.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	212.11%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201708	92.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	185.28%#
64) 1,2-Dichlorobenzene-d4	11.65	152	172161	101.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	202.44%#

Target Compounds

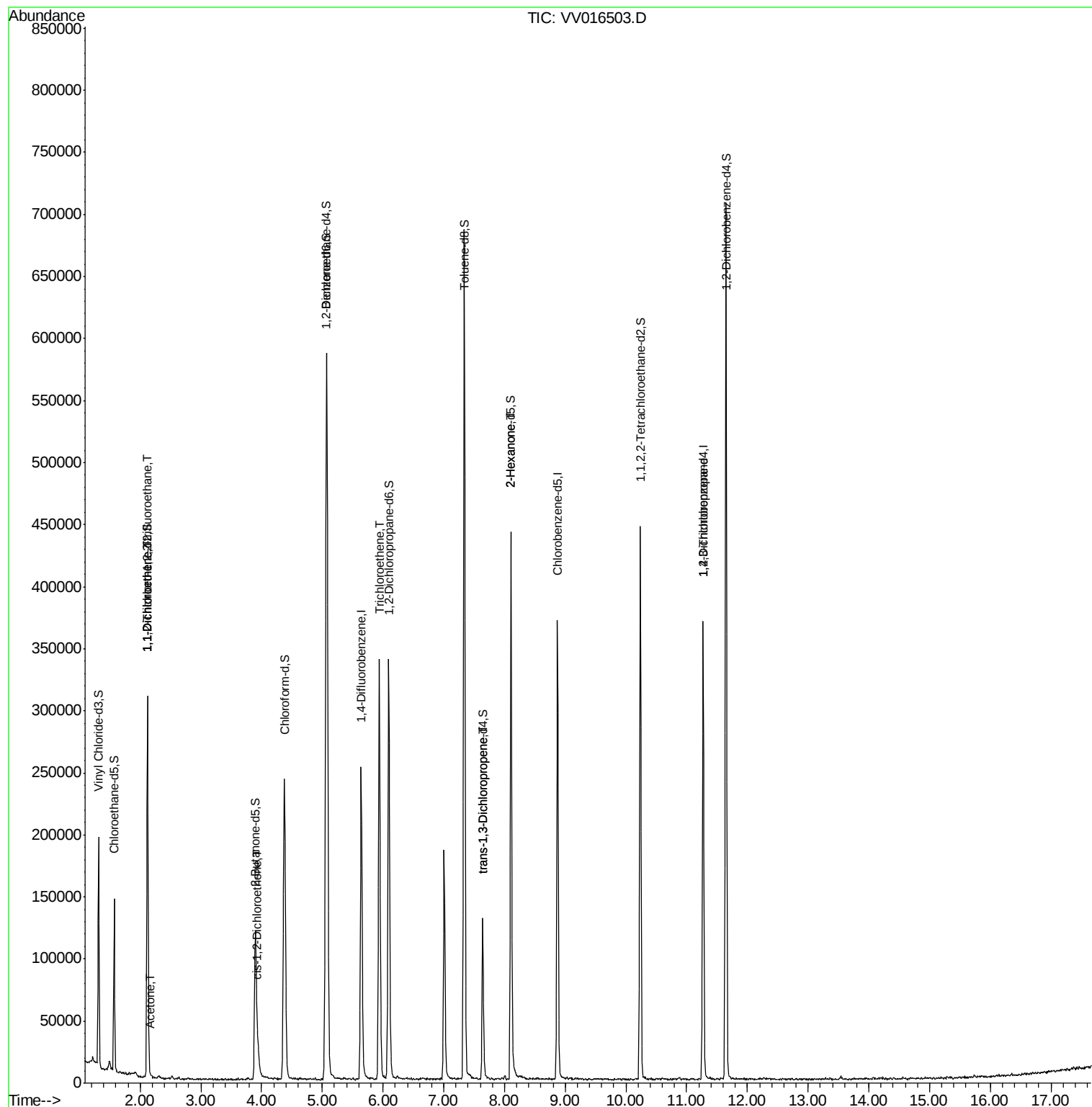
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1346	1.121 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1501	1.300 ug/L #	1
13) Acetone	2.17	43	936	1.063 ug/L	59
20) cis-1,2-Dichloroethene	3.94	96	6056	3.850 ug/L	96
34) Trichloroethene	5.94	95	113548	76.498 ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	3228	1.530 ug/L #	53
48) 2-Hexanone	8.11	43	17395	11.029 ug/L #	44
59) 1,2,3-Trichloropropane	11.27	75	11776	6.400 ug/L	92

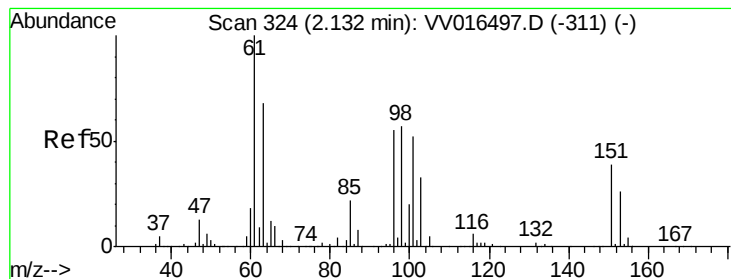
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.121 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016503.D

Acq: 04 Jun 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

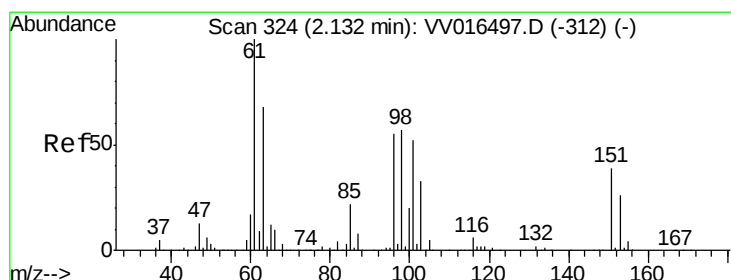
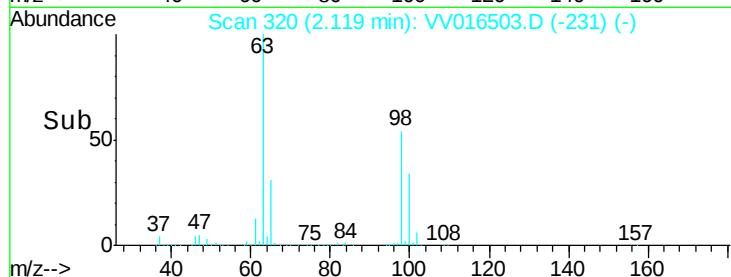
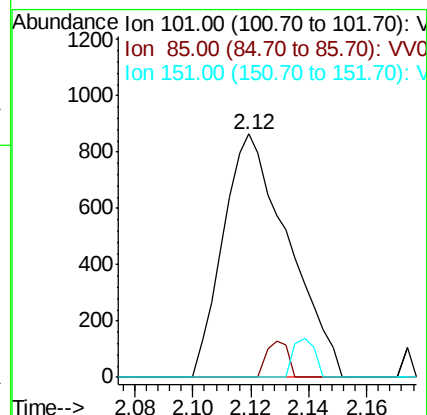
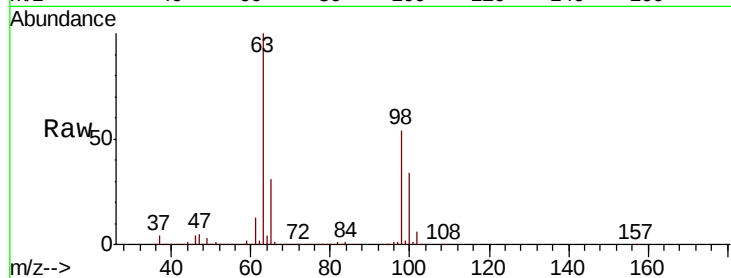
Tot Ion:101 Resp: 1346

Ion Ratio Lower Upper

101 100

85 5.0 35.6 53.4#

151 5.2 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 1.300 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016503.D

Acq: 04 Jun 2020 12:32

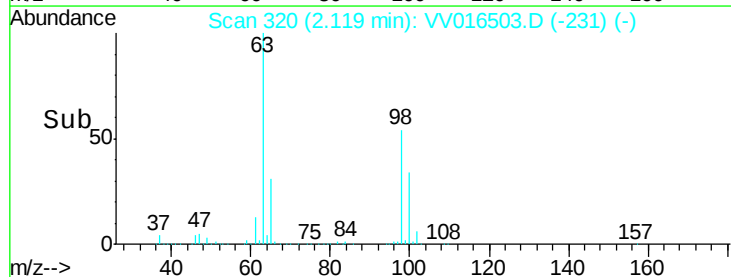
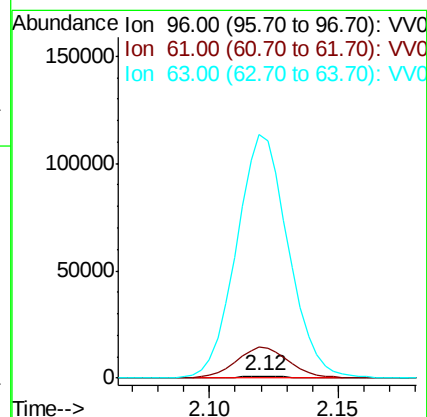
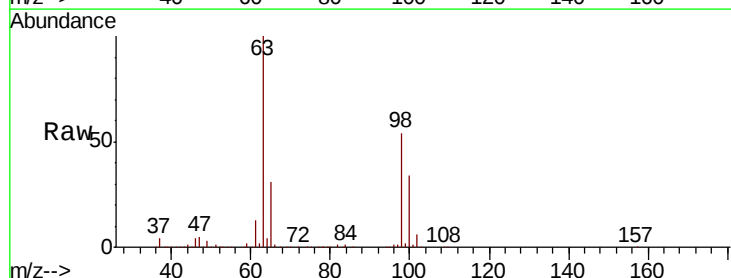
Tgt Ion: 96 Resp: 1501

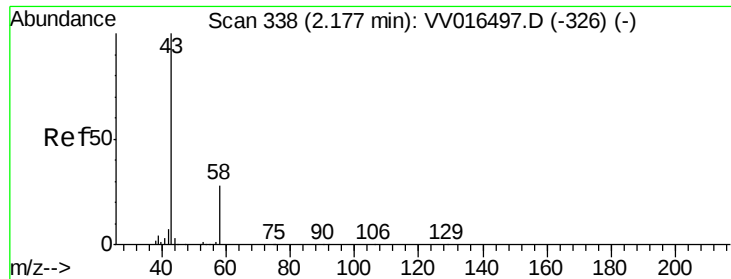
Ion Ratio Lower Upper

96 100

61 1497.1 125.5 233.1#

63 11834.8 104.0 193.1#





#13

Acetone

Concen: 1.063 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016503.D

Acq: 04 Jun 2020 12:32

Instrument :

MSVOA_V

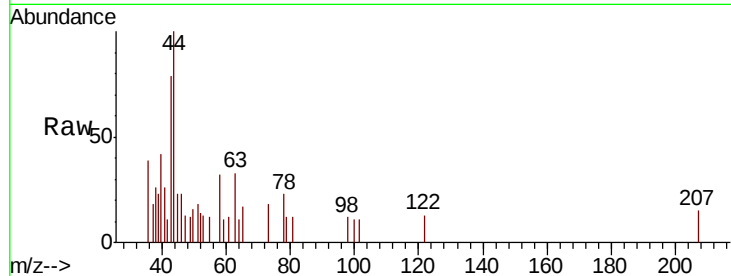
ClientSampled :

Tot Ion: 43 Resp: 936

Ion Ratio Lower Upper

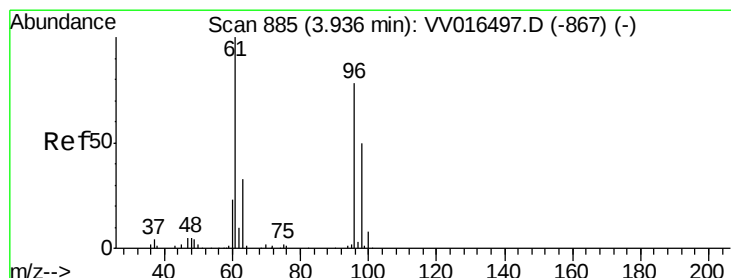
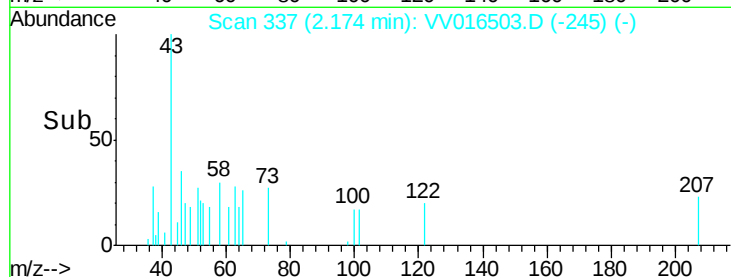
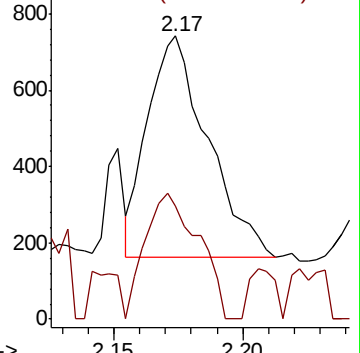
43 100

58 50.4 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 3.850 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016503.D

Acq: 04 Jun 2020 12:32

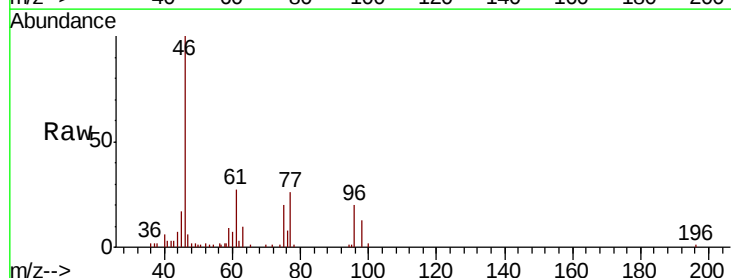
Tgt Ion: 96 Resp: 6056

Ion Ratio Lower Upper

96 100

61 138.6 93.4 173.4

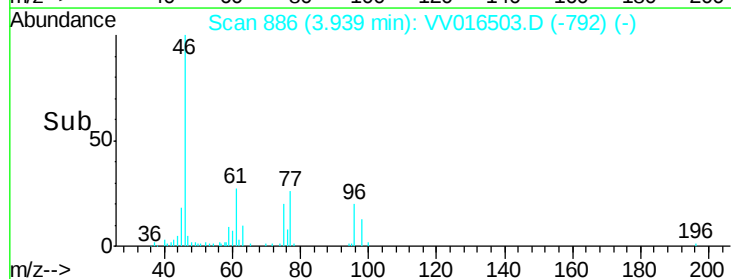
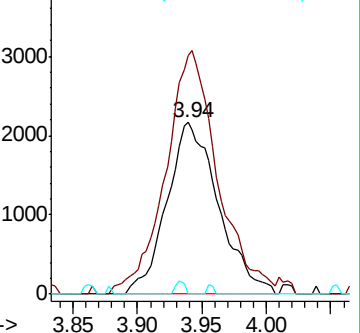
68 0.0 0.0 0.0

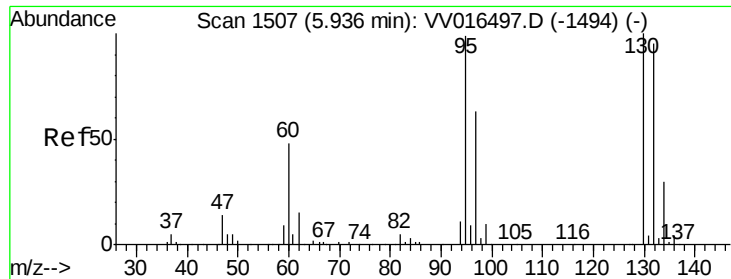


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 76.498 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016503.D

Acq: 04 Jun 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 113548

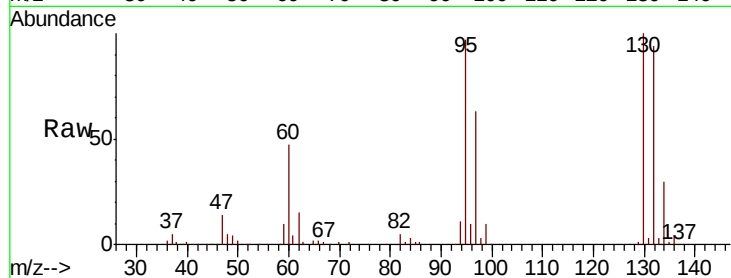
Ion Ratio Lower Upper

95 100

97 64.7 42.8 79.6

132 96.9 65.6 121.8

130 103.3 69.0 128.1

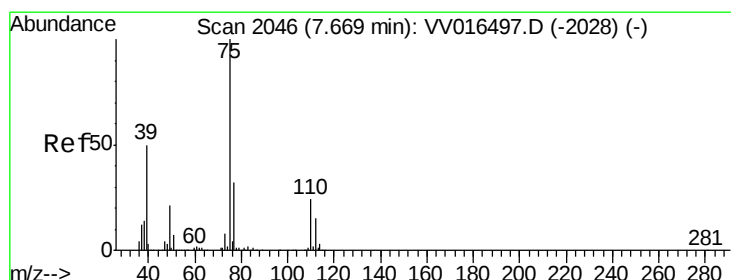
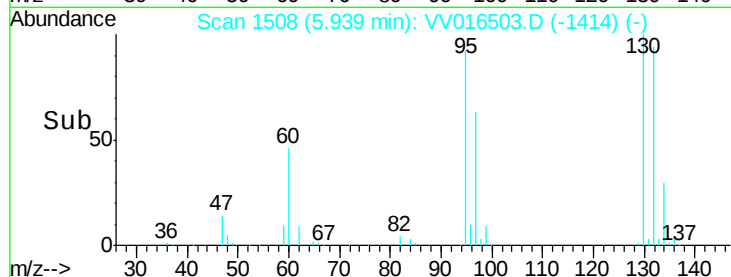
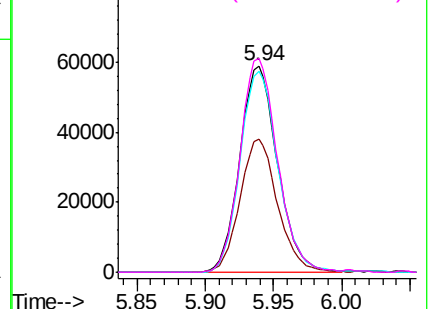


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#44

trans-1,3-Dichloropropene

Concen: 1.530 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016503.D

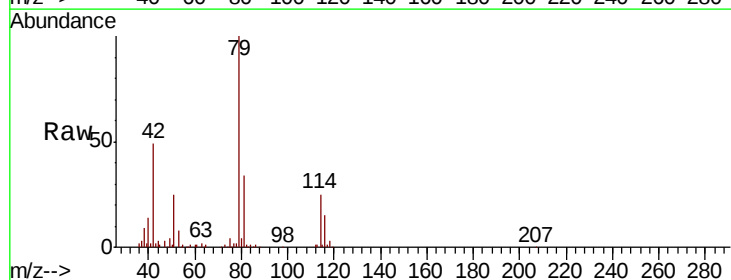
Acq: 04 Jun 2020 12:32

Tgt Ion: 75 Resp: 3228

Ion Ratio Lower Upper

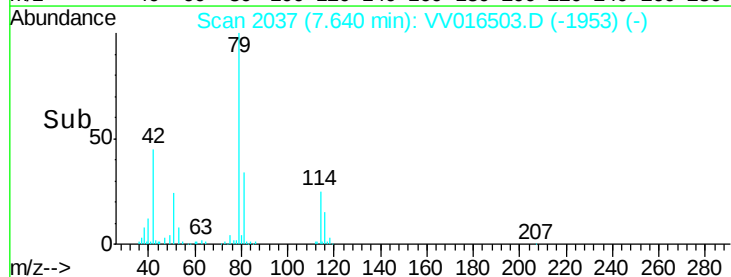
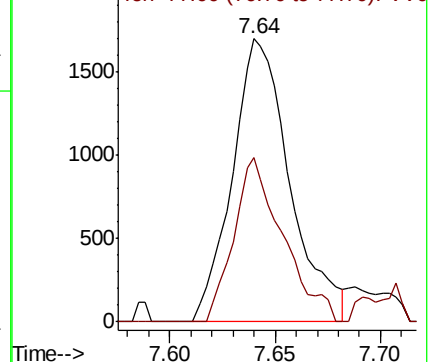
75 100

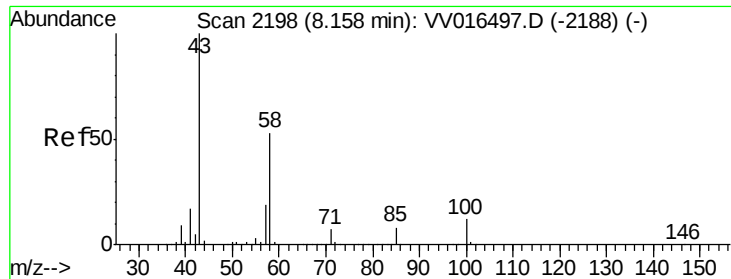
77 58.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

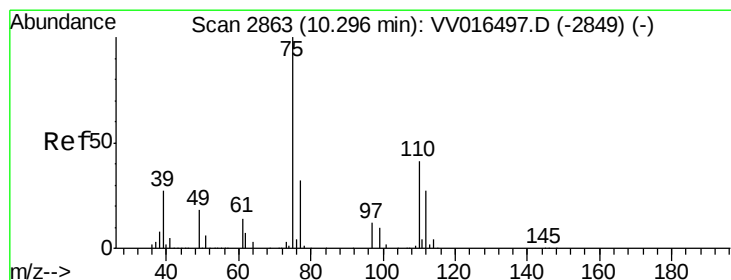
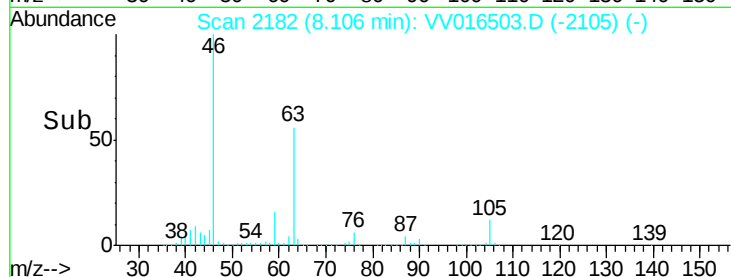
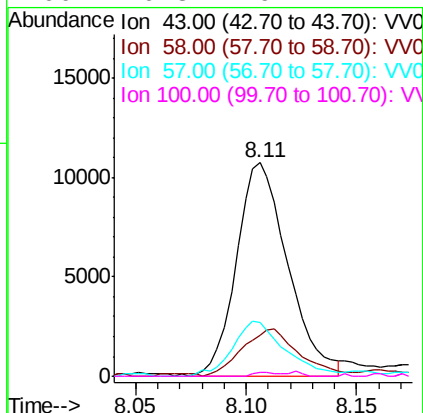
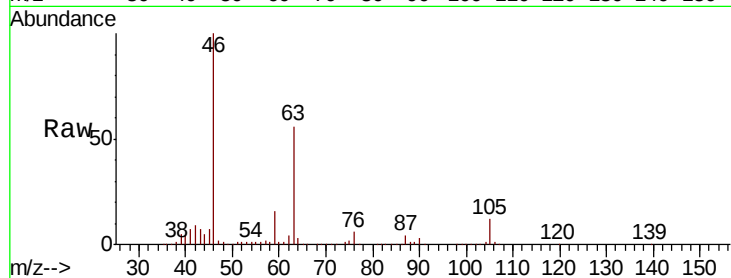




#48
2-Hexanone
Concen: 11.029 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV016503.D
Acq: 04 Jun 2020 12:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 17395
Ion Ratio Lower Upper
43 100
58 0.0 42.7 64.1#
57 26.4 14.5 21.7#
100 0.8 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 6.400 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016503.D
Acq: 04 Jun 2020 12:32

Tgt Ion: 75 Resp: 11776
Ion Ratio Lower Upper
75 100
77 37.9 26.6 40.0

