

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016505.D
 Acq On : 04 Jun 2020 13:20
 Operator : SY/MD
 Sample : L2869-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:54:48 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	365499	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98039	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.74%
7) Chloroethane-d5	1.57	69	75502	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.12	63	143983	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	3.89	46	170402	102.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	4.37	84	220545	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.05	65	155777	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.07	84	439896	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.09	67	139424	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.06%
41) Toluene-d8	7.34	98	389280	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.64	79	63555	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.11	63	130973	106.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186108	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	157424	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

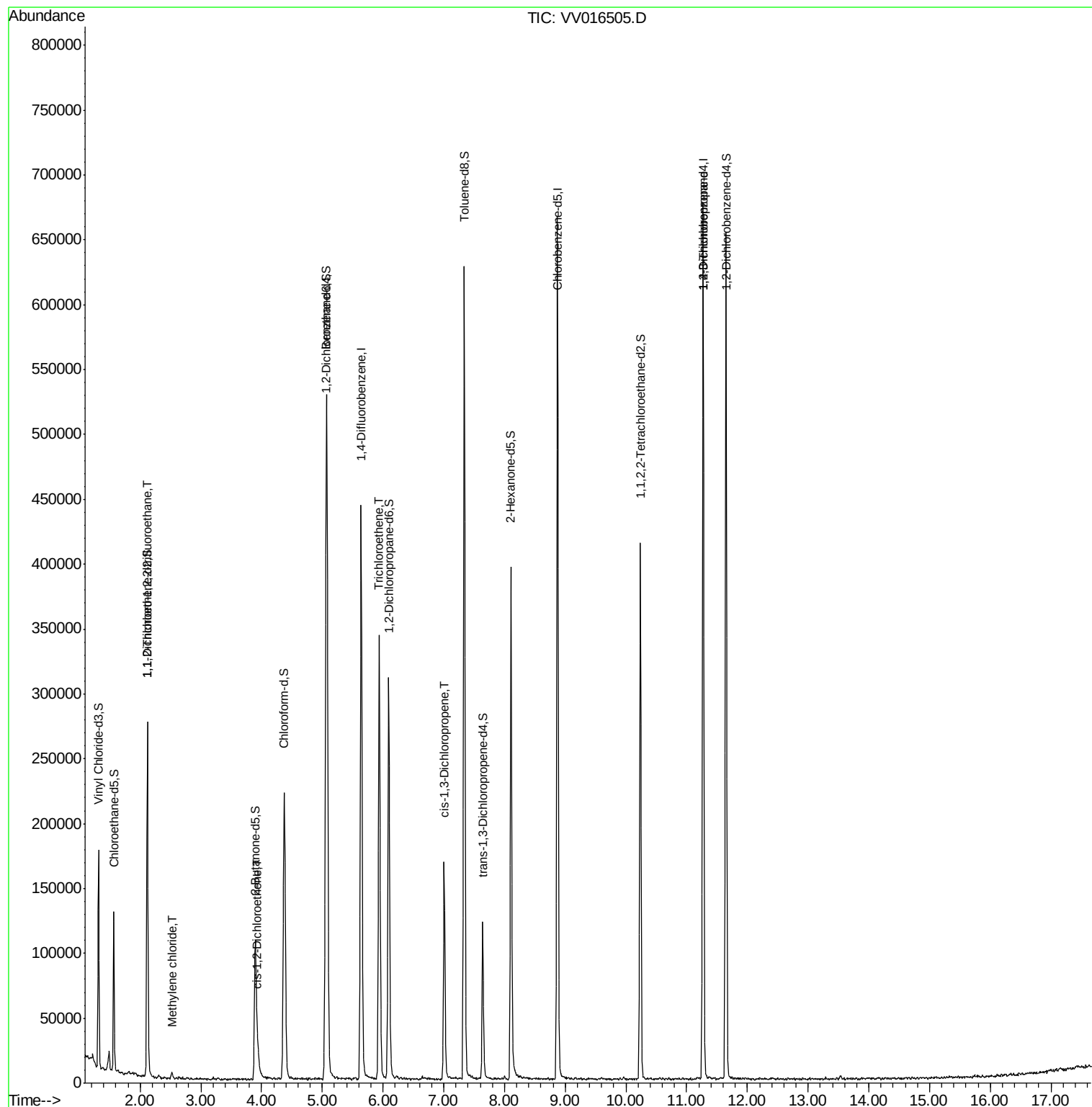
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1386	0.657 ug/L #	21
16) Methylene chloride	2.52	84	1994	0.697 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	5334	1.930 ug/L	85
34) Trichloroethene	5.94	95	118551	44.636 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4504	1.171 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	19990	6.072 ug/L	89

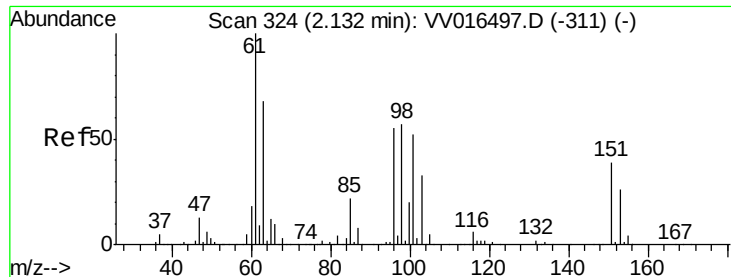
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#10

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

Concen: 0.657 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016505.D

Acq: 04 Jun 2020 13:20

Instrument :

MSVOA_V

ClientSampled :

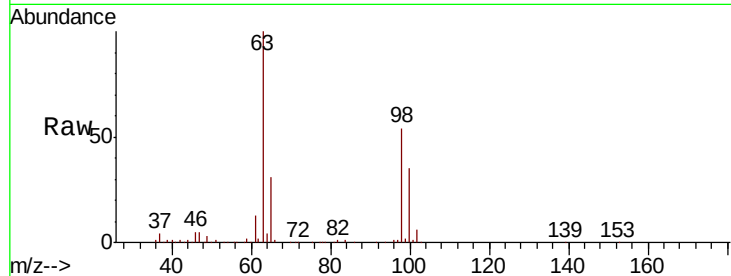
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 5.0 35.6 53.4#

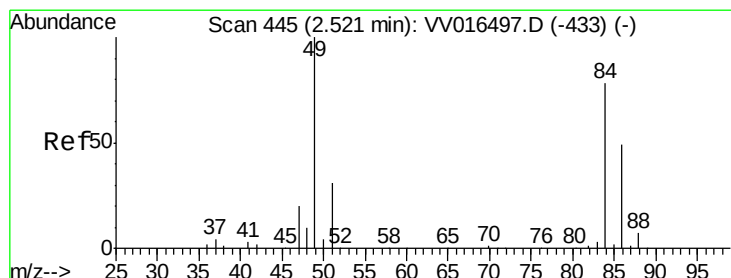
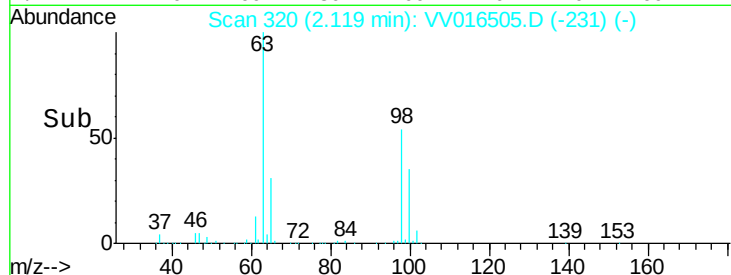
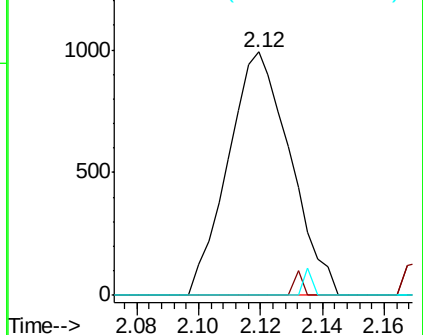
151 0.0 61.8 92.8#



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



#16

Methylene chloride

Concen: 0.697 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV016505.D

Acq: 04 Jun 2020 13:20

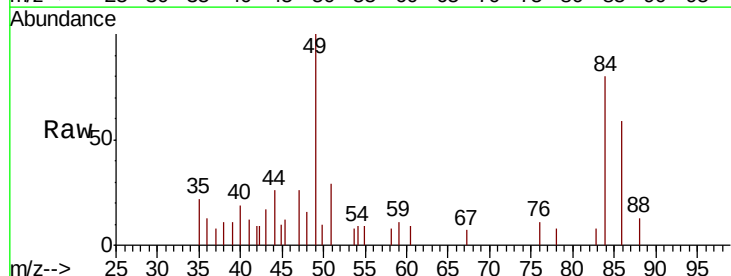
Tgt Ion: 84 Resp: 1994

Ion Ratio Lower Upper

84 100

86 74.1 45.1 83.9

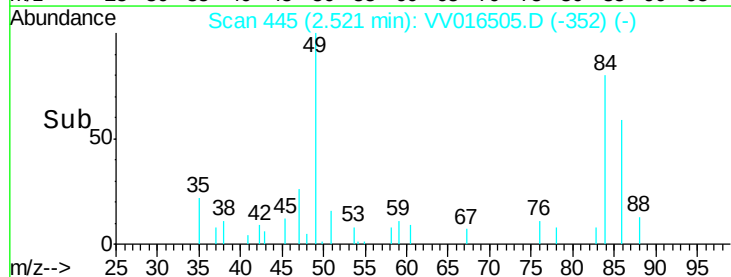
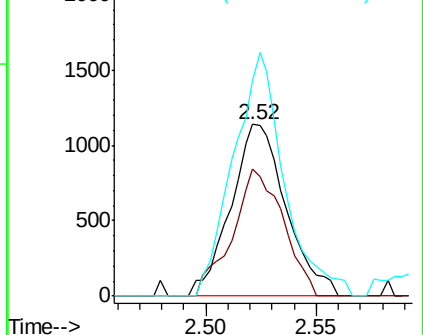
49 125.2 92.4 171.6

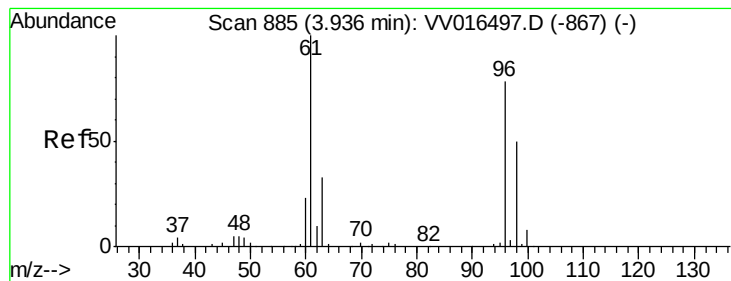


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



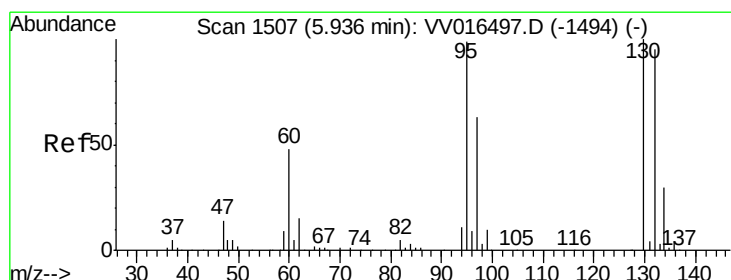
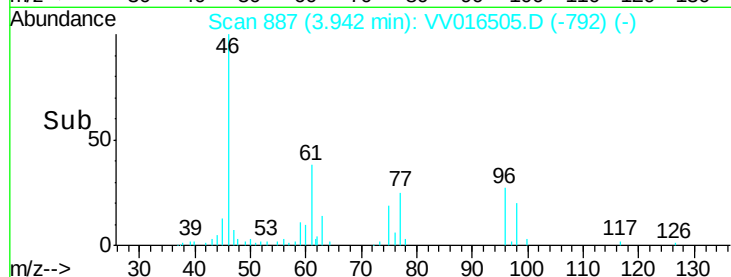
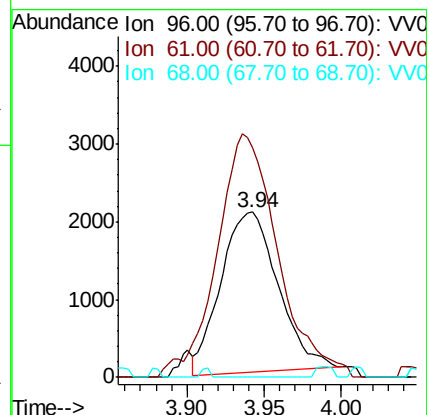
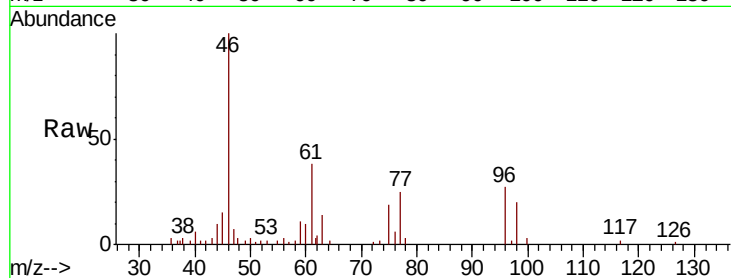


#20

cis-1,2-Dichloroethene
Concen: 1.930 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016505.D
Acq: 04 Jun 2020 13:20

Instrument :
MSVOA_V
ClientSampleId :

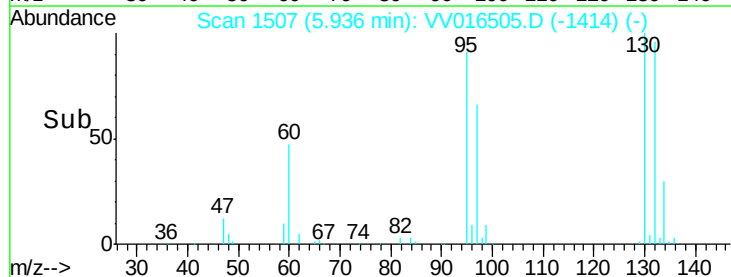
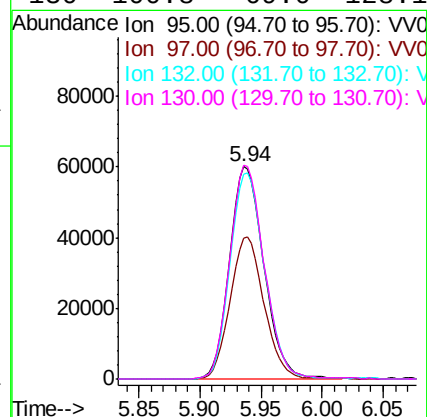
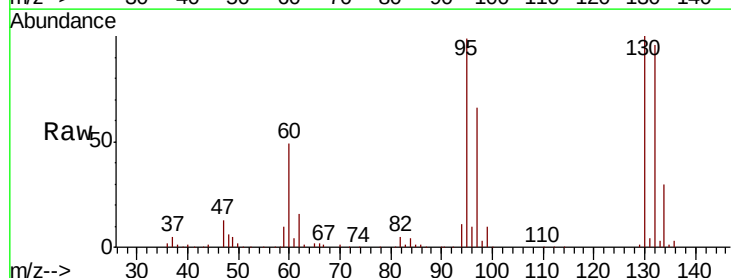
Tot Ion: 96 Resp: 5334
Ion Ratio Lower Upper
96 100
61 150.9 93.4 173.4
68 0.0 0.0 0.0

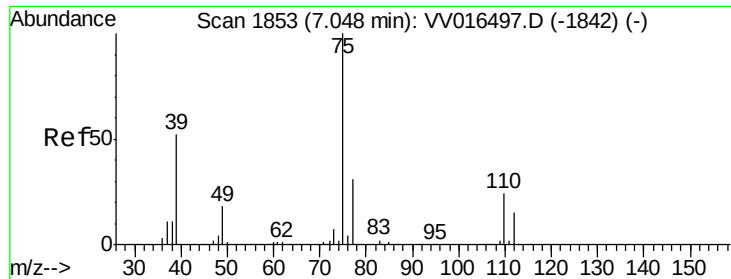


#34

Trichloroethene
Concen: 44.636 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV016505.D
Acq: 04 Jun 2020 13:20

Tgt Ion: 95 Resp: 118551
Ion Ratio Lower Upper
95 100
97 66.2 42.8 79.6
132 96.4 65.6 121.8
130 100.8 69.0 128.1





#39

cis-1,3-Dichloropropene

Concen: 1.171 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016505.D

Acq: 04 Jun 2020 13:20

Instrument :

MSVOA_V

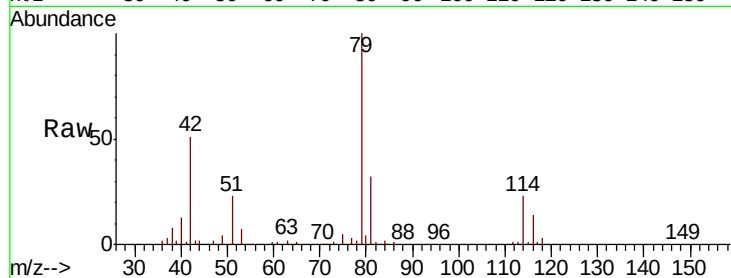
ClientSampleId :

Tot Ion: 75 Resp: 4504

Ion Ratio Lower Upper

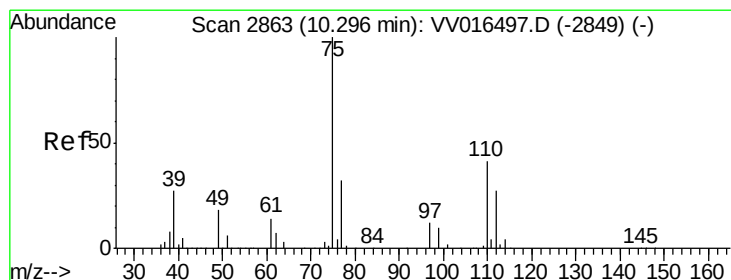
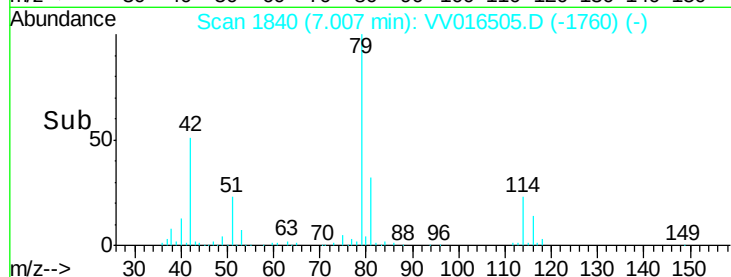
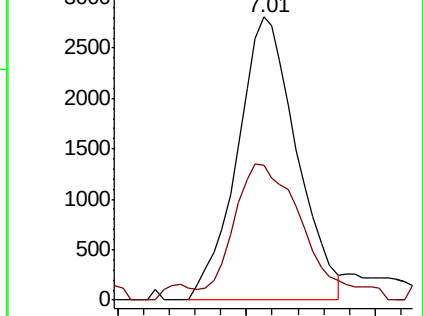
75 100

77 47.7 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.072 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016505.D

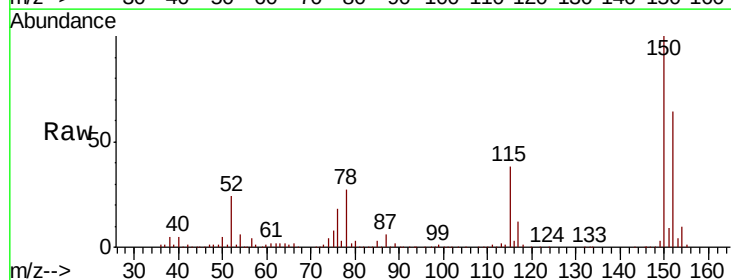
Acq: 04 Jun 2020 13:20

Tgt Ion: 75 Resp: 19990

Ion Ratio Lower Upper

75 100

77 39.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

