

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016527.D
 Acq On : 05 Jun 2020 11:45
 Operator : SY/MD
 Sample : L2844-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 00:10:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376939	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110584	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.57	69	81814	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.90%
11) 1,1-Dichloroethene-d2	2.12	63	155617	32.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.76%
21) 2-Butanone-d5	3.90	46	181986	106.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	4.38	84	238312	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.06	65	165472	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.07	84	473174	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.09	67	148756	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.34	98	426089	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.64	79	69675	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.22%
47) 2-Hexanone-d5	8.11	63	138299	108.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200550	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	173992	54.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.72%

Target Compounds

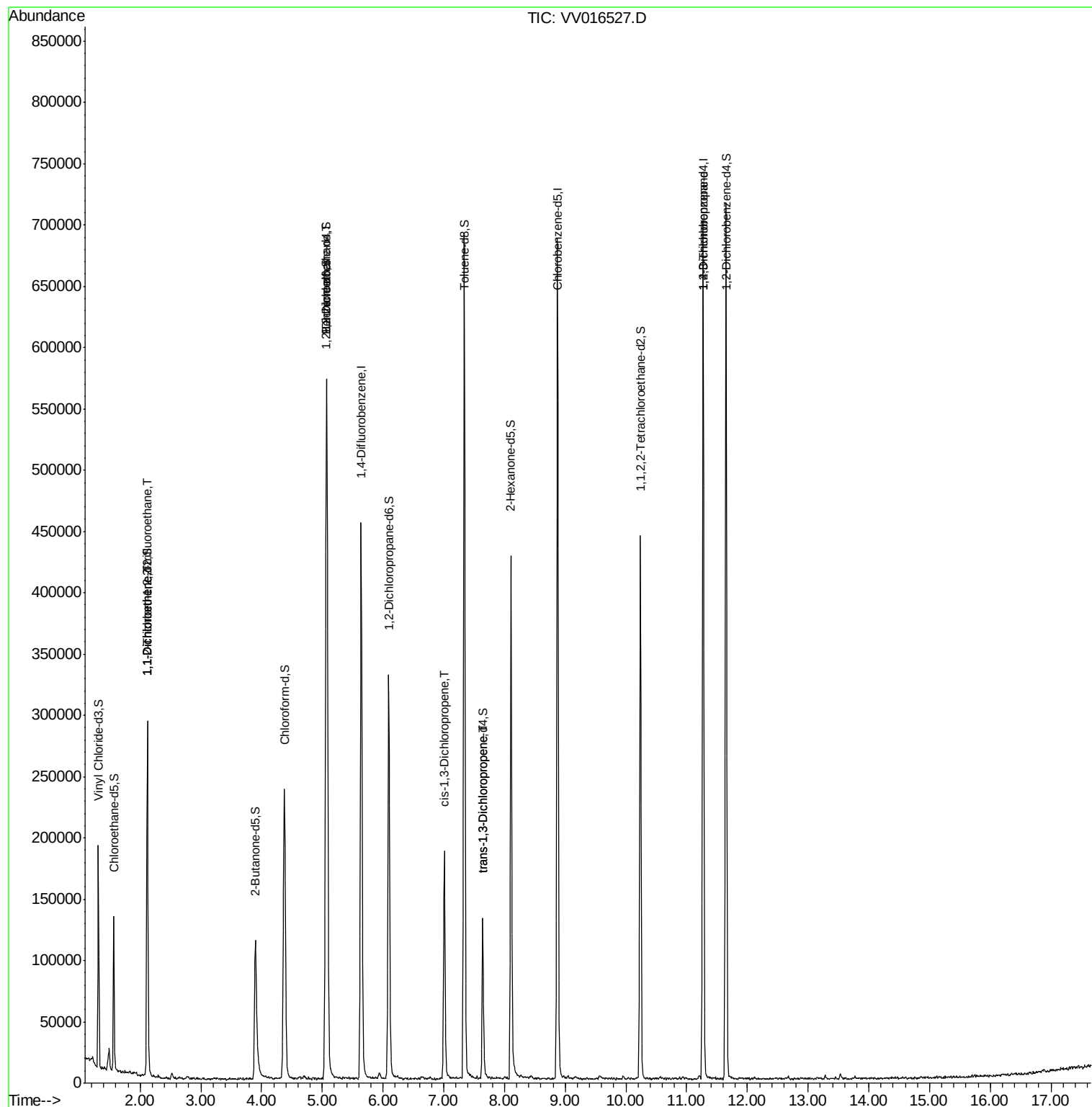
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1678	0.772 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1679	0.802 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	3333	0.801 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	5017	1.261 ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	3688	0.945 ug/L	88
59) 1,2,3-Trichloropropane	11.27	75	19941	5.856 ug/L	89

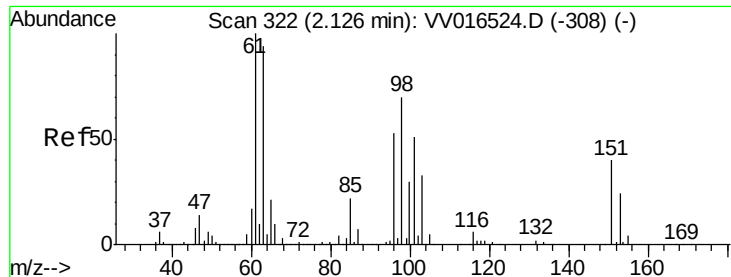
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.772 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016527.D

Acq: 05 Jun 2020 11:45

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MSVOA_V

ClientSampleId :

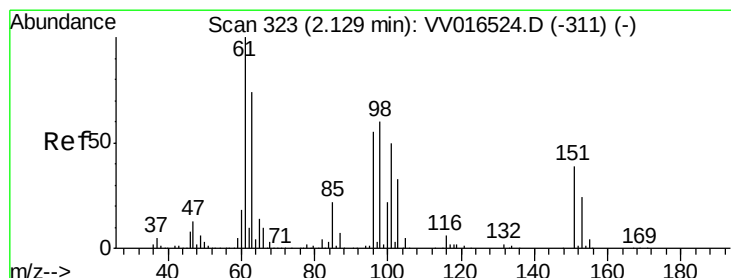
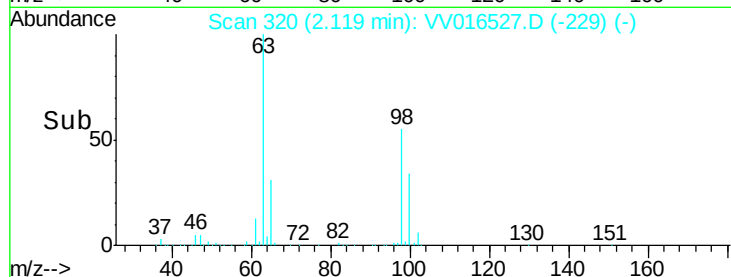
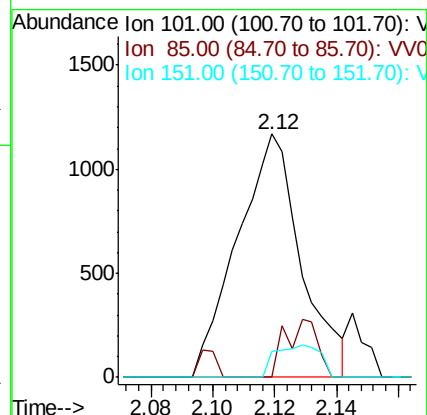
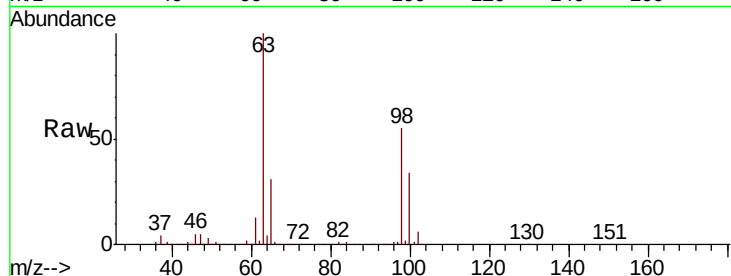
Tot Ion:101 Resp: 1678

Ion Ratio Lower Upper

101 100

85 4.5 35.6 53.4#

151 0.0 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 0.802 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016527.D

Acq: 05 Jun 2020 11:45

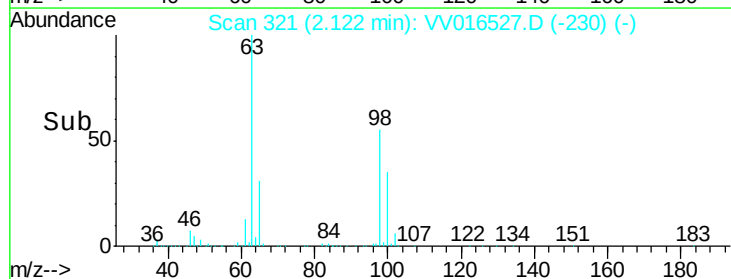
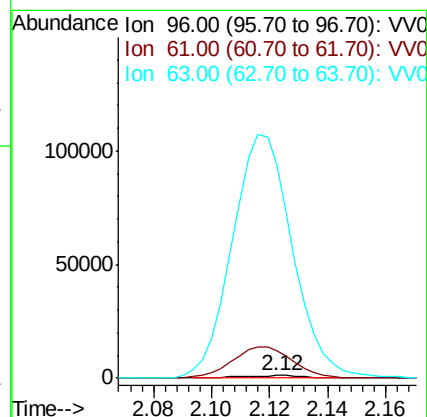
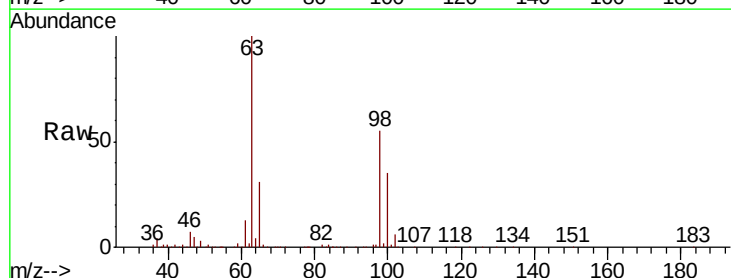
Tgt Ion: 96 Resp: 1679

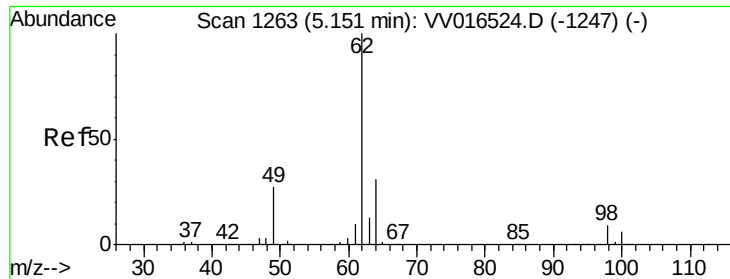
Ion Ratio Lower Upper

96 100

61 1122.4 125.5 233.1#

63 8712.2 104.0 193.1#

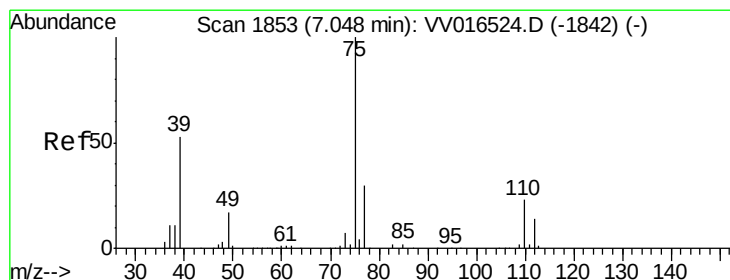
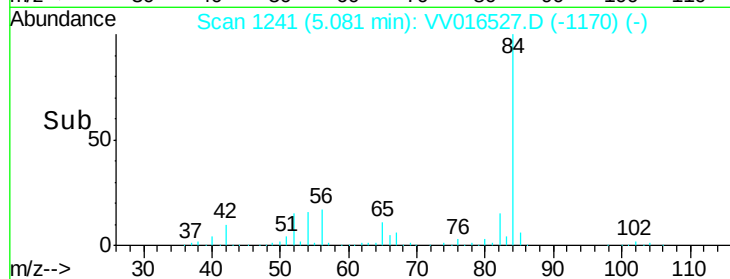
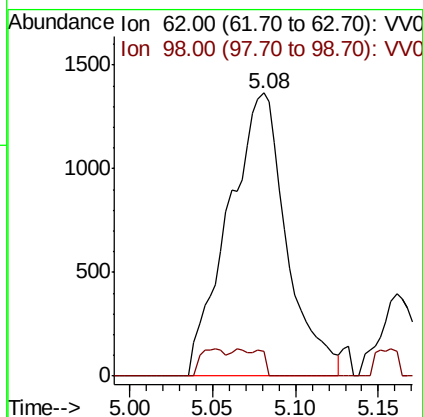
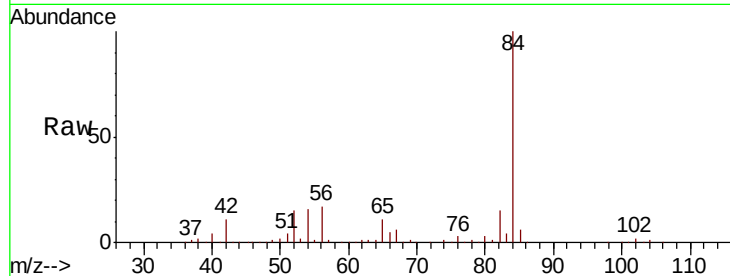




#27
 1,2-Dichloroethane
 Concen: 0.801 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV016527.D
 Acq: 05 Jun 2020 11:45

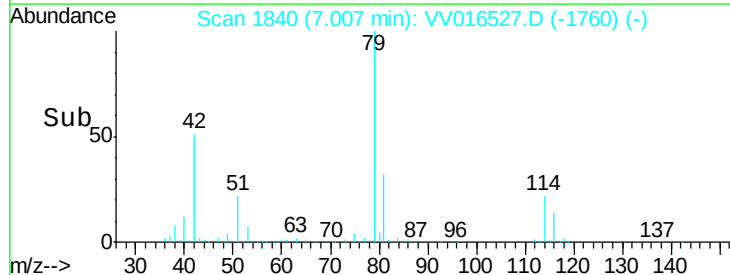
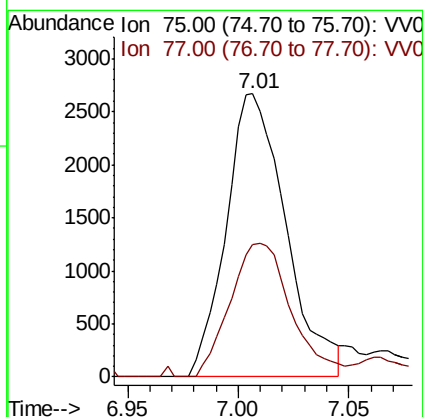
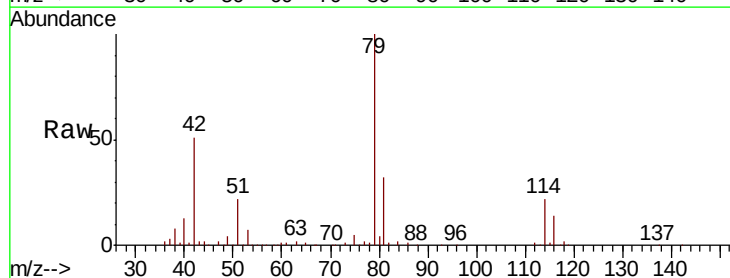
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 MSVOA_V
 ClientSampleId :

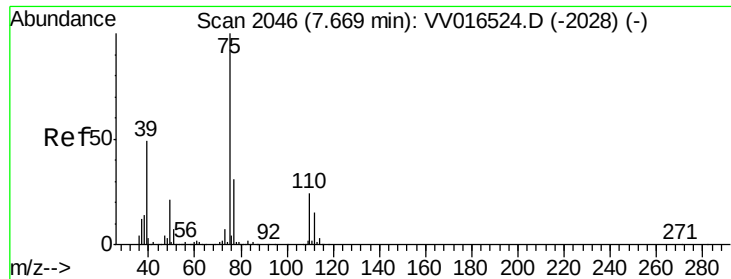
Tot Ion: 62 Resp: 3333
 Ion Ratio Lower Upper
 62 100
 98 8.9 6.9 10.3



#39
 cis-1,3-Dichloropropene
 Concen: 1.261 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016527.D
 Acq: 05 Jun 2020 11:45

Tgt Ion: 75 Resp: 5017
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016527.D

Acq: 05 Jun 2020 11:45

Instrument :

MSVOA_V

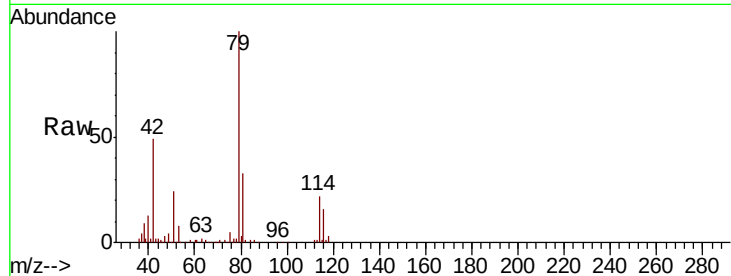
ClientSampleId :

Tot Ion: 75 Resp: 3688

Ion Ratio Lower Upper

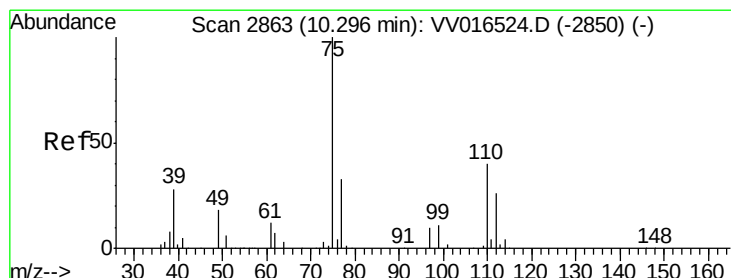
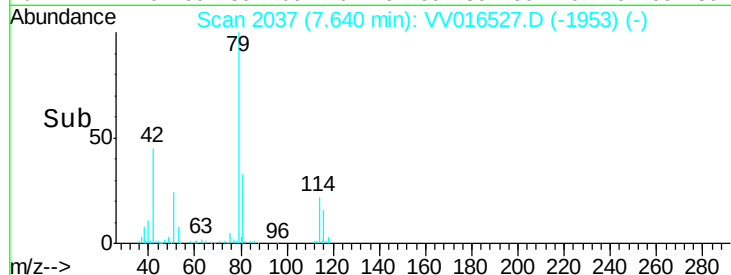
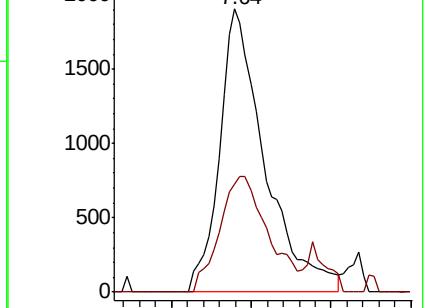
75 100

77 38.2 22.2 41.2



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: 5.856 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016527.D

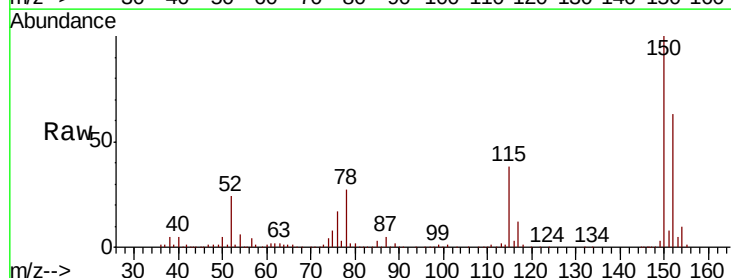
Acq: 05 Jun 2020 11:45

Tgt Ion: 75 Resp: 19941

Ion Ratio Lower Upper

75 100

77 39.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

