

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016464.D
 Acq On : 03 Jun 2020 18:10
 Operator : SY/MD
 Sample : L2843-07DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109651	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.58	69	85366	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.12	63	154568	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.88%
21) 2-Butanone-d5	3.89	46	179299	109.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.14%
24) Chloroform-d	4.37	84	231474	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.05	65	159501	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.07	84	460829	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.09	67	146270	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.34	98	409536	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.64	79	65661	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.11	63	137260	110.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193355	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	162735	53.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.18%

Target Compounds

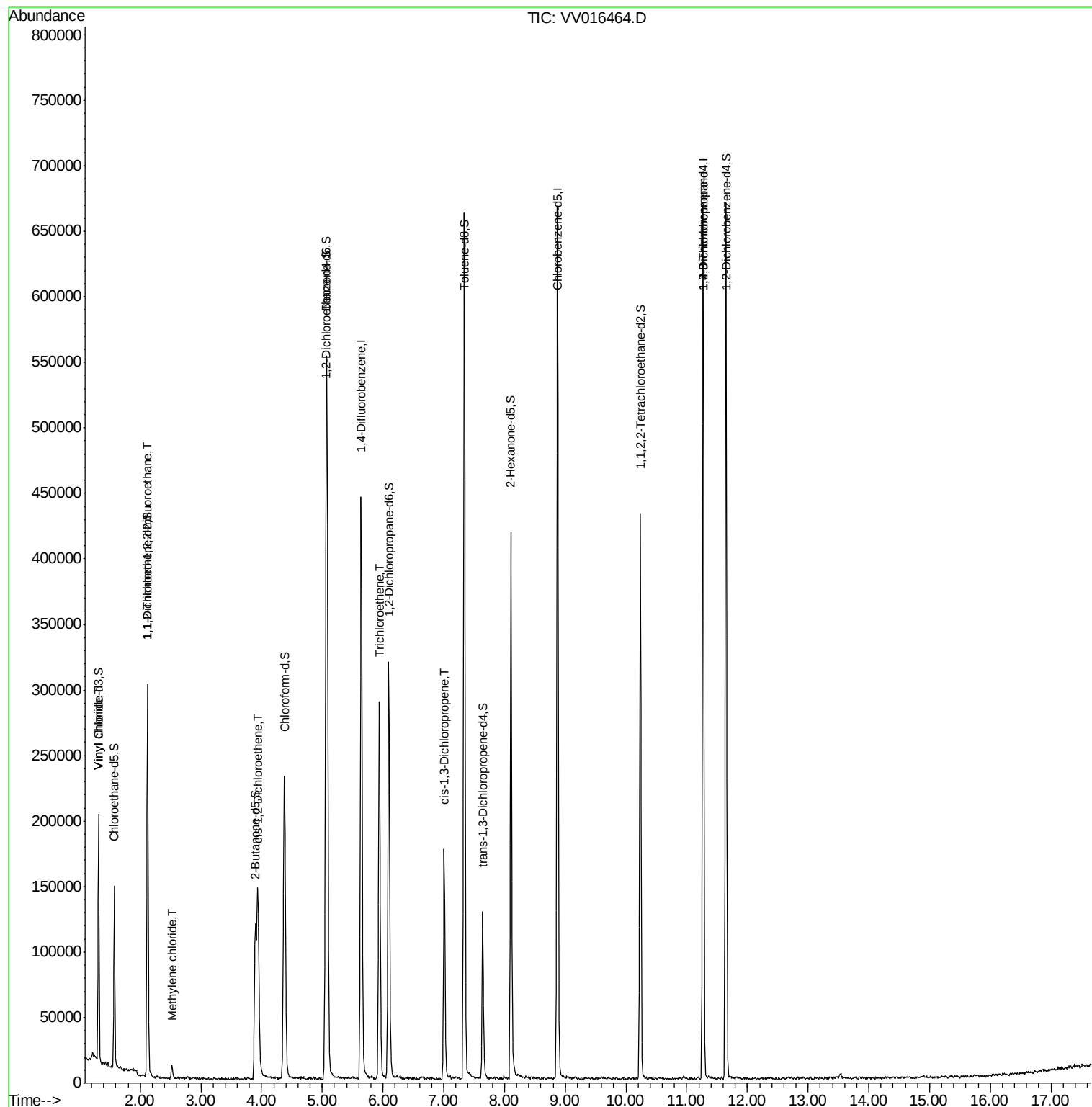
					Ovalue
5) Vinyl chloride	1.32	62	6024	2.162 ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1835	0.877 ug/L #	23
16) Methylene chloride	2.52	84	4337	1.528 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	70409	25.676 ug/L	99
34) Trichloroethene	5.94	95	98749	36.874 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	5263	1.357 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	20304	6.117 ug/L	94

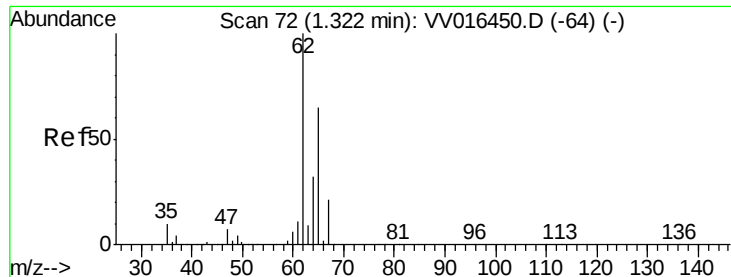
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.162 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016464.D

Acq: 03 Jun 2020 18:10

Instrument :

MSVOA_V

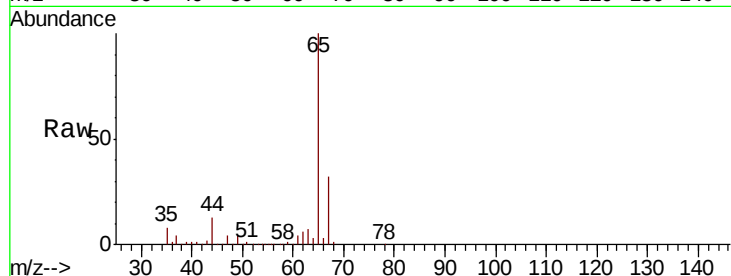
ClientSampleId :

Tot Ion: 62 Resp: 6024

Ion Ratio Lower Upper

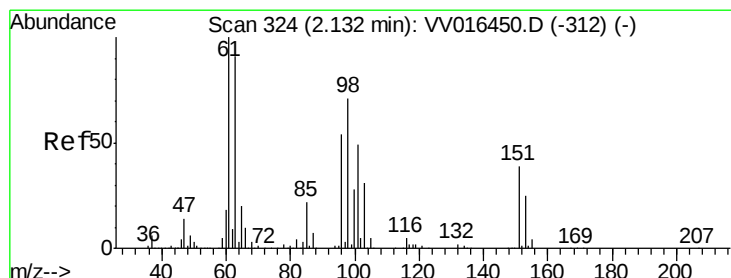
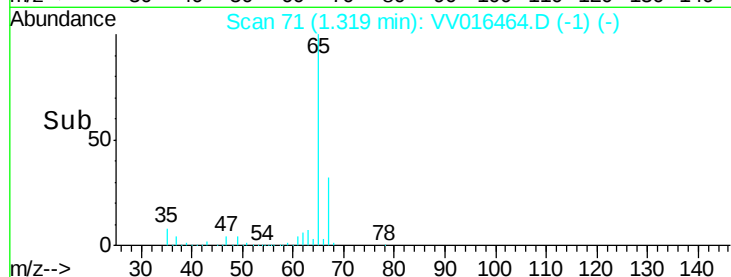
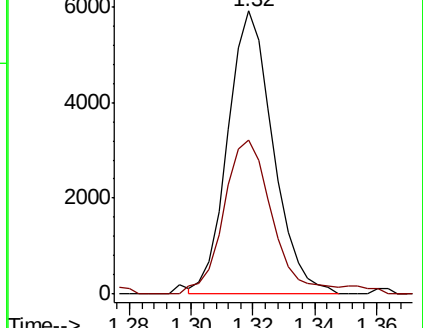
62 100

64 54.5 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016464.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016464.D (-1) (-)



#10

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

Concen: 0.877 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016464.D

Acq: 03 Jun 2020 18:10

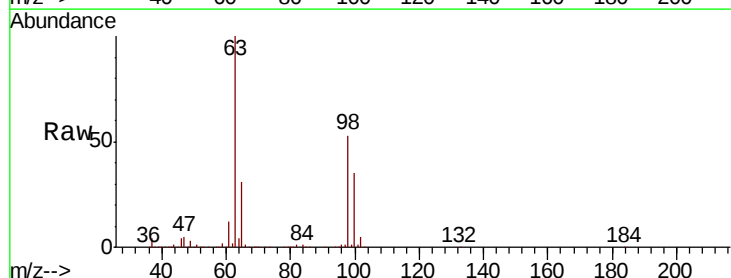
Tgt Ion: 101 Resp: 1835

Ion Ratio Lower Upper

101 100

85 7.4 35.6 53.4#

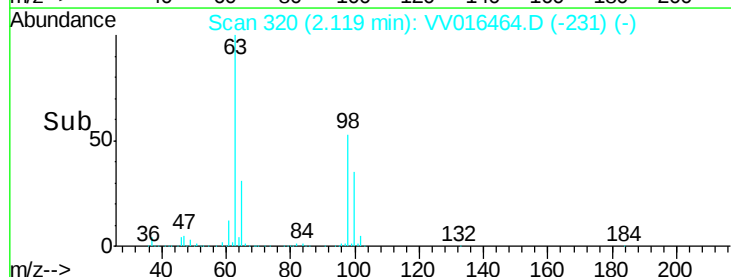
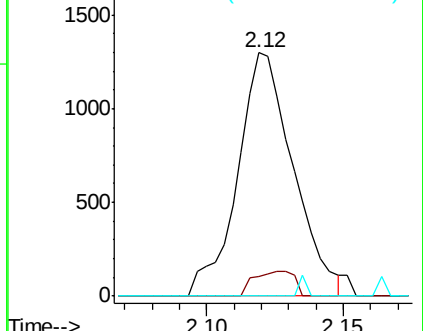
151 0.0 61.8 92.8#

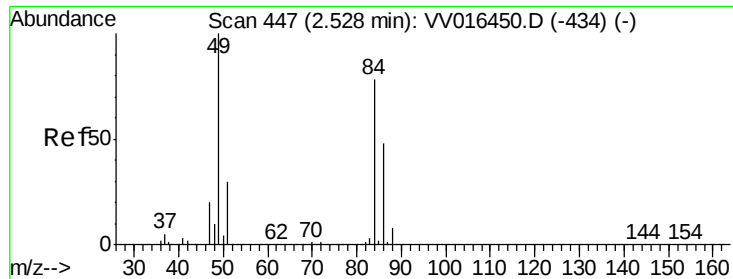


Abundance Ion 101.00 (100.70 to 101.70): VV016464.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016464.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016464.D (-231) (-)

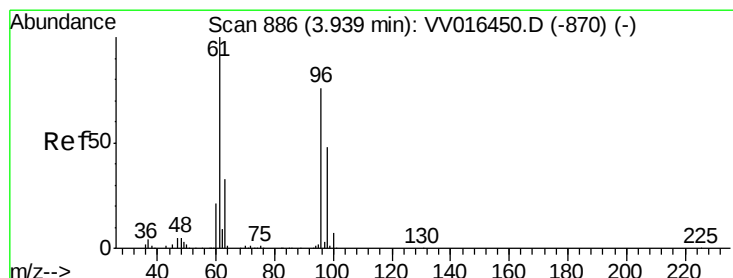
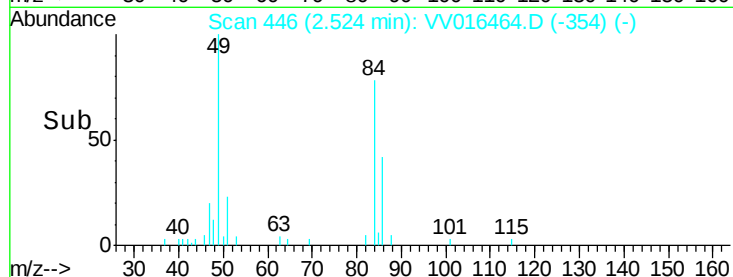
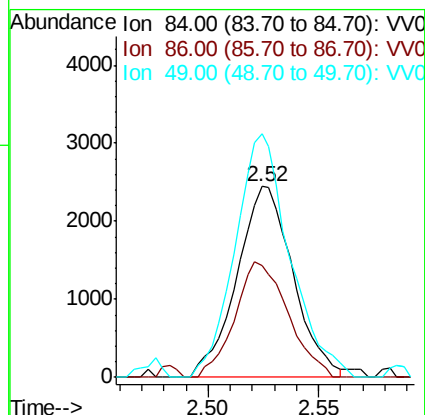
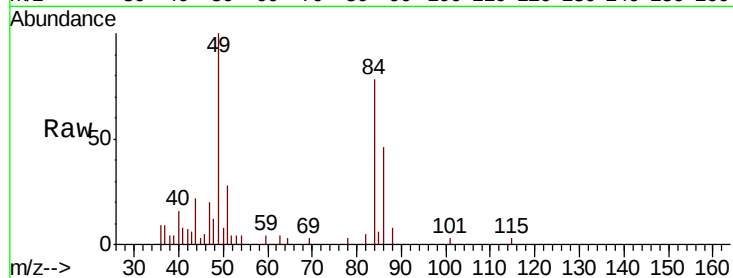




#16
Methvlene chloride
Concen: 1.528 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016464.D
Acq: 03 Jun 2020 18:10

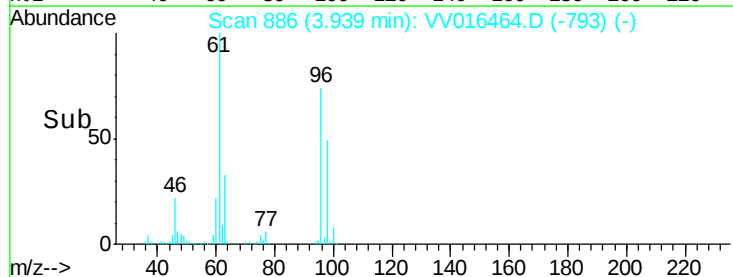
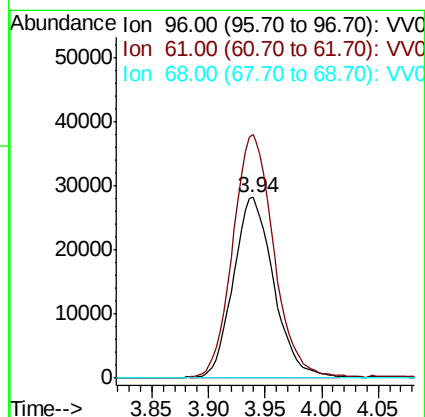
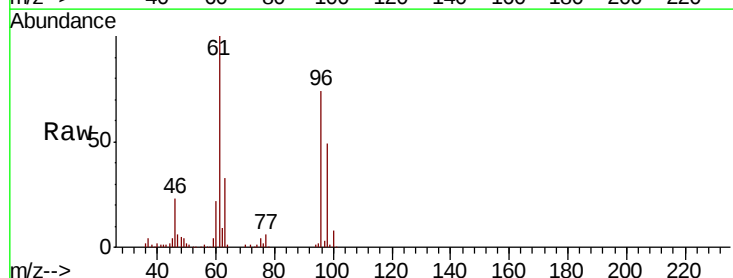
Instrument :
MSVOA_V
ClientSampleId :

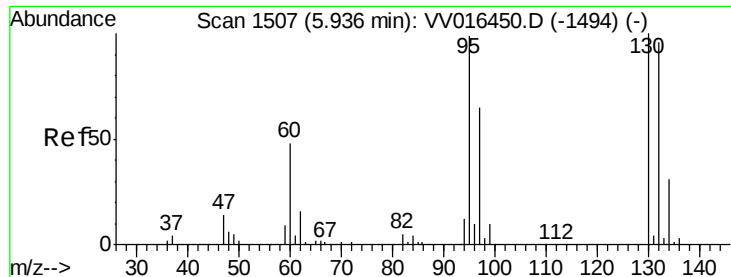
Tot Ion: 84 Resp: 4337
Ion Ratio Lower Upper
84 100
86 58.7 45.1 83.9
49 127.6 92.4 171.6



#20
cis-1,2-Dichloroethene
Concen: 25.676 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016464.D
Acq: 03 Jun 2020 18:10

Tgt Ion: 96 Resp: 70409
Ion Ratio Lower Upper
96 100
61 134.8 93.4 173.4
68 0.0 0.0 0.0

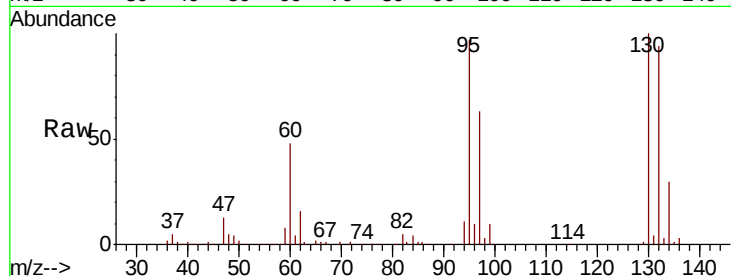




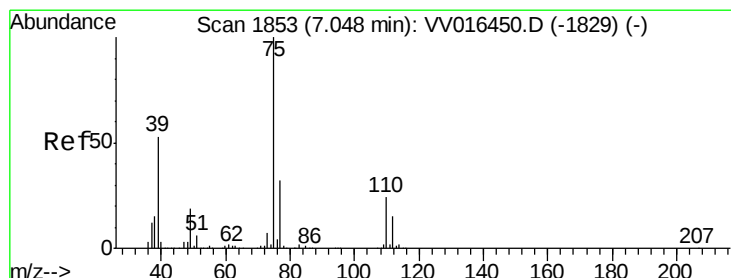
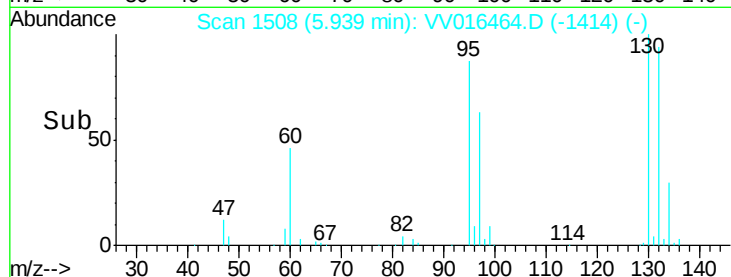
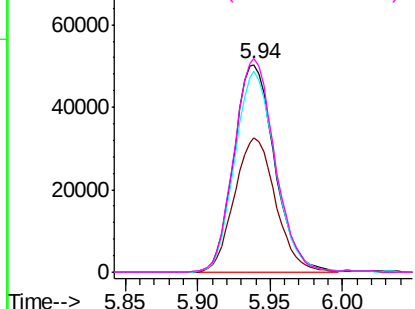
#34
 Trichloroethene
 Concen: 36.874 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016464.D
 Acq: 03 Jun 2020 18:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 98749
 Ion Ratio Lower Upper
 95 100
 97 64.5 42.8 79.6
 132 96.5 65.6 121.8
 130 102.7 69.0 128.1

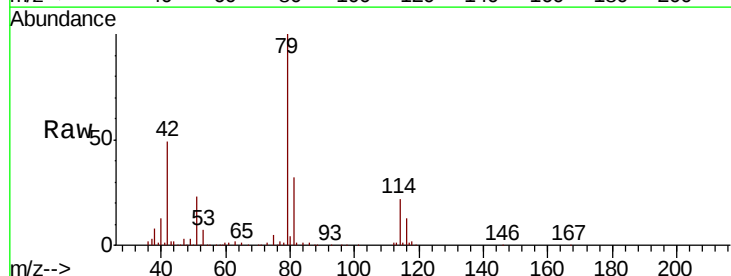


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

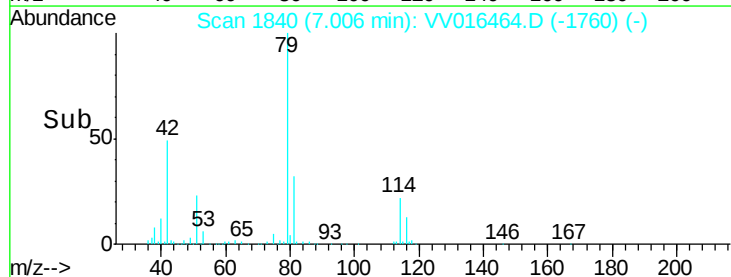
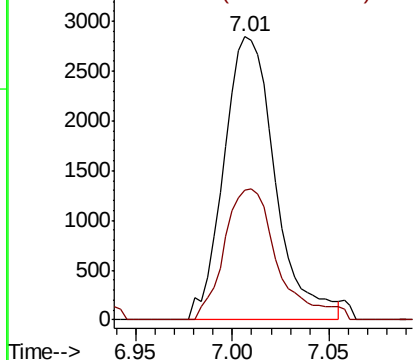


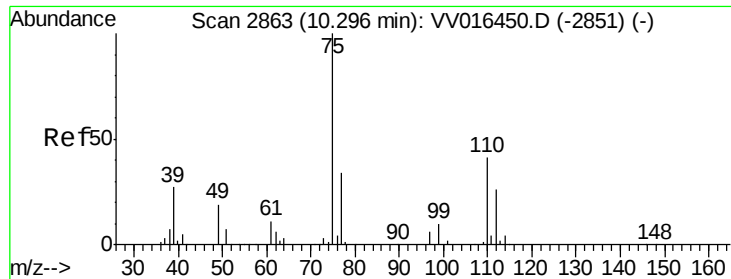
#39
 cis-1,3-Dichloropropene
 Concen: 1.357 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016464.D
 Acq: 03 Jun 2020 18:10

Tgt Ion: 75 Resp: 5263
 Ion Ratio Lower Upper
 75 100
 77 45.8 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: 6.117 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016464.D

Acq: 03 Jun 2020 18:10

Instrument :

MSVOA_V

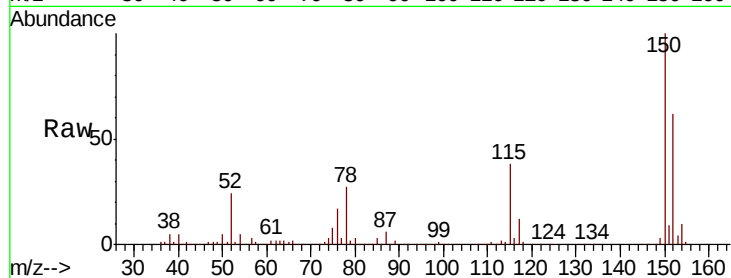
ClientSampleId :

Tot Ion: 75 Resp: 20304

Ion Ratio Lower Upper

75 100

77 36.5 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

