

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121520\
 Data File : VV019654.D
 Acq On : 15 Dec 2020 17:11
 Operator : SY/MD
 Sample : L5024-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:31:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 16 00:27:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	605446	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	561847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	258459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	220395	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.52%
7) Chloroethane-d5	1.57	69	172609	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.82%
11) 1,1-Dichloroethene-d2	2.11	63	312581	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	3.89	46	307708	130.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.40%#
24) Chloroform-d	4.35	84	370095	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.04	65	257854	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.05	84	758432	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.07	67	236293	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.32	98	667710	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.62	79	115311	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.09	63	216603	117.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.57%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	300428	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.63	152	239849	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

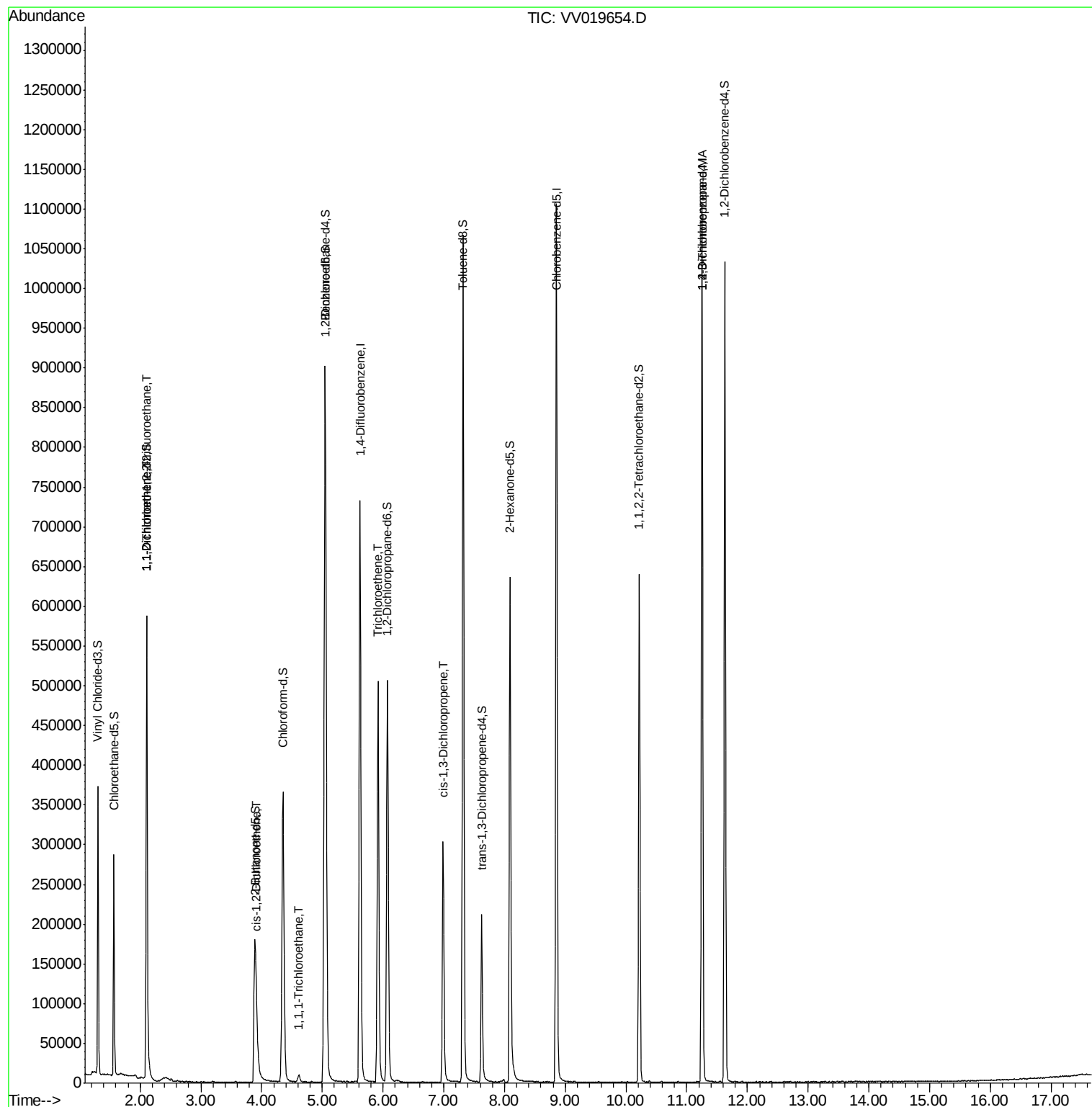
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2717	0.773 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	12559	3.482 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	13044	3.001 ug/L #	97
30) 1,1,1-Trichloroethane	4.61	97	7003	0.994 ug/L	94
34) Trichloroethene	5.92	95	177357	40.888 ug/L	98
39) cis-1,3-Dichloropropene	6.99	75	7937	1.114 ug/L #	65
59) 1,2,3-Trichloropropane	11.25	75	35405	6.638 ug/L	92

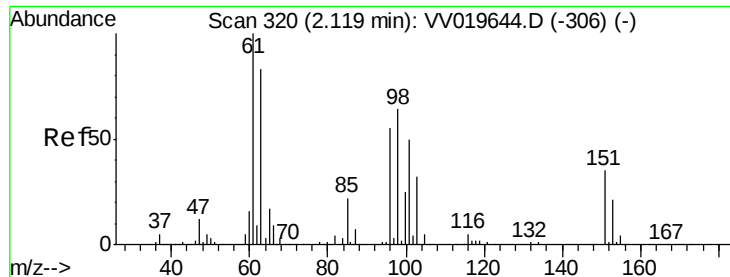
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 00:27:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.773 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019654.D

Acq: 15 Dec 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

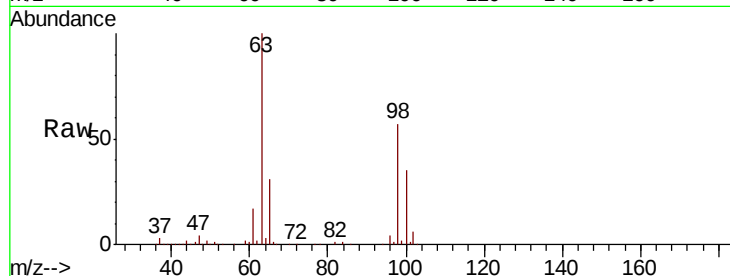
Tot Ion:101 Resp: 2717

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

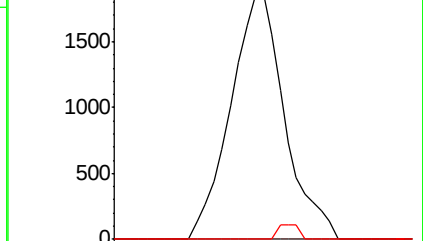
151 2.3 55.8 83.8#



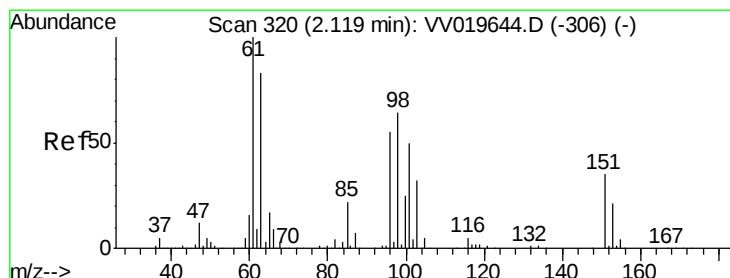
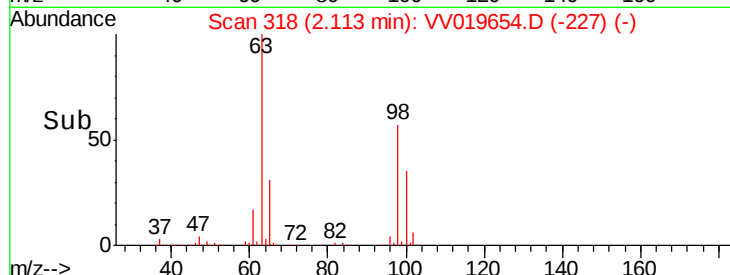
Abundance Ion 101.00 (100.70 to 101.70): VV019644.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019644.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019644.D (-306) (-)



Time-->



#12

1,1-Dichloroethene

Concen: 3.482 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019654.D

Acq: 15 Dec 2020 17:11

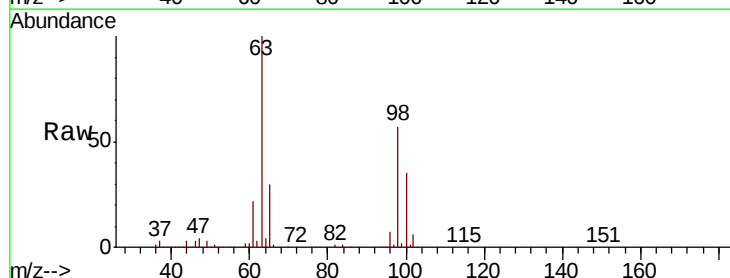
Tgt Ion: 96 Resp: 12559

Ion Ratio Lower Upper

96 100

61 305.6 120.7 224.1#

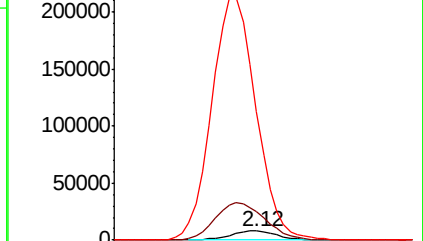
63 1401.9 64.3 119.5#



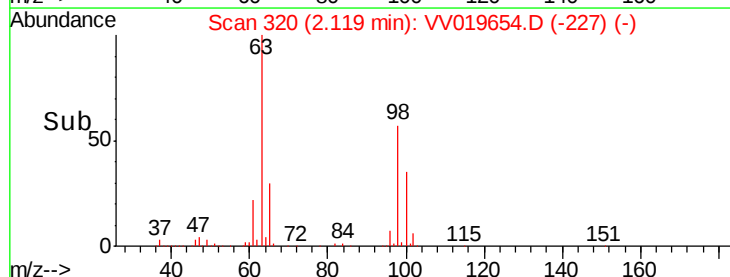
Abundance Ion 96.00 (95.70 to 96.70): VV019654.D (-227) (-)

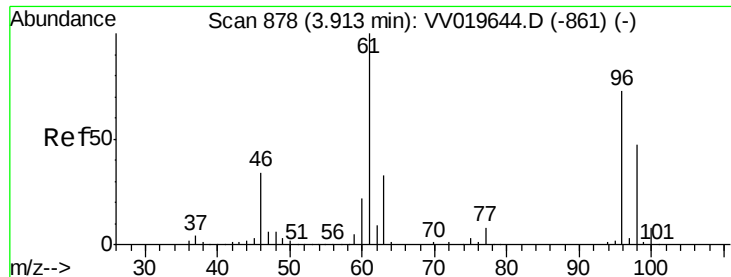
Ion 61.00 (60.70 to 61.70): VV019654.D (-227) (-)

Ion 63.00 (62.70 to 63.70): VV019654.D (-227) (-)



Time-->

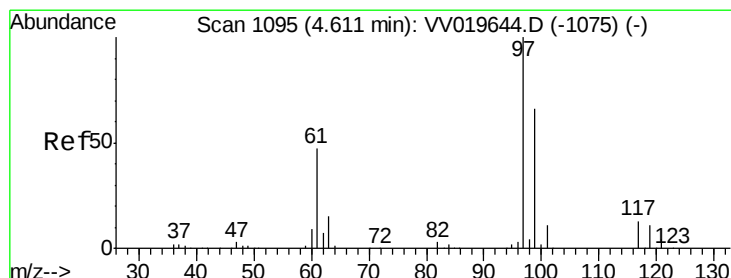
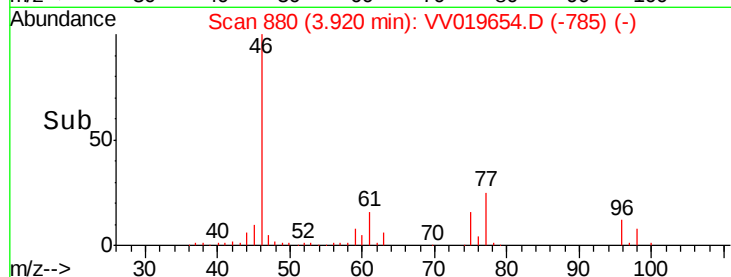
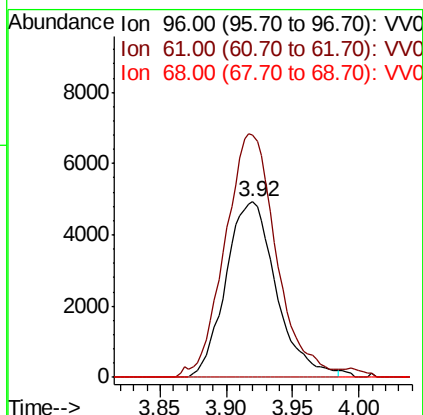
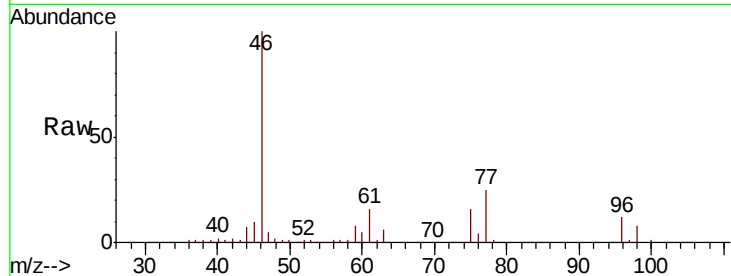




#20
 cis-1,2-Dichloroethene
 Concen: 3.001 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019654.D
 Acq: 15 Dec 2020 17:11

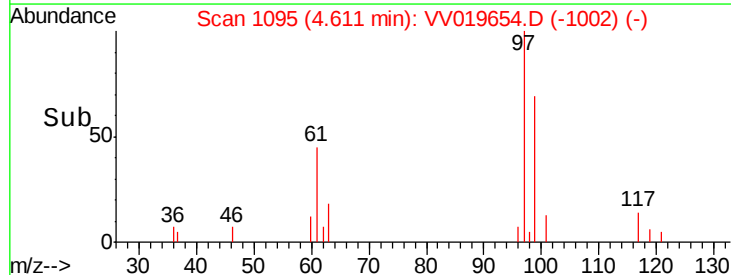
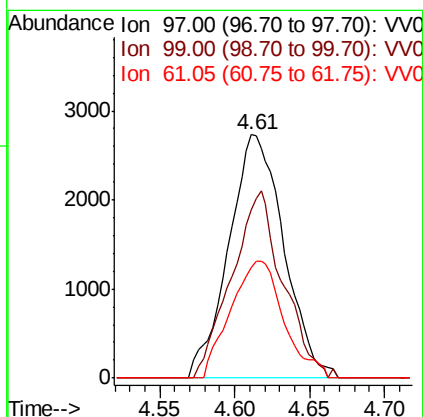
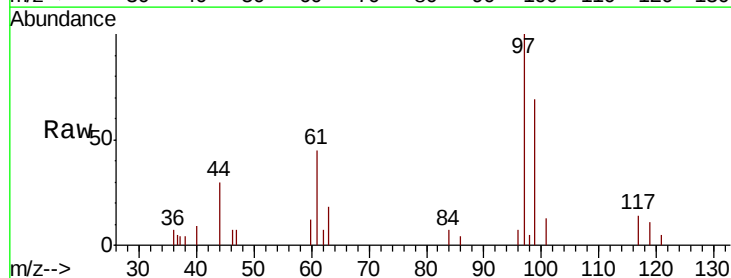
Instrument :
 MSVOA_V
 ClientSampled :

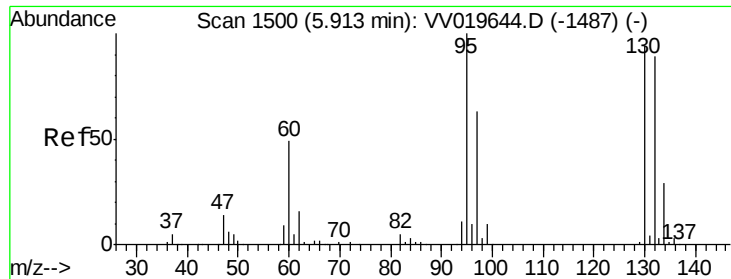
Tot Ion: 96 Resp: 13044
 Ion Ratio Lower Upper
 96 100
 61 137.7 94.1 174.8
 68 0.0 0.1 0.1#



#30
 1,1,1-Trichloroethane
 Concen: 0.994 ug/L
 RT: 4.61 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: VV019654.D
 Acq: 15 Dec 2020 17:11

Tgt Ion: 97 Resp: 7003
 Ion Ratio Lower Upper
 97 100
 99 71.4 51.3 76.9
 61 46.3 36.3 54.5

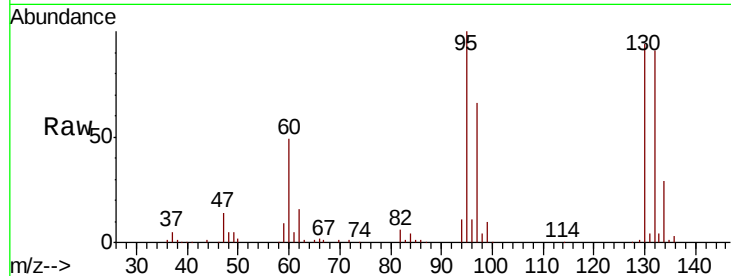




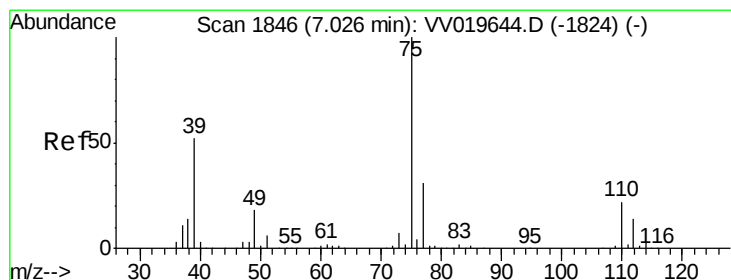
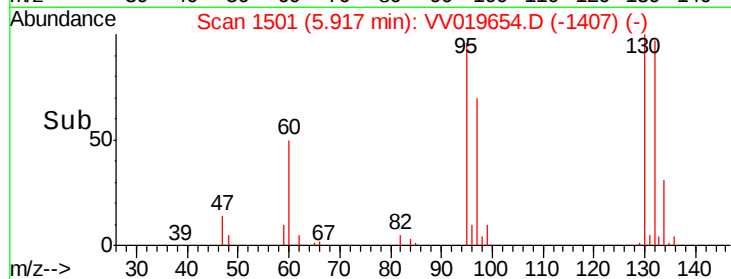
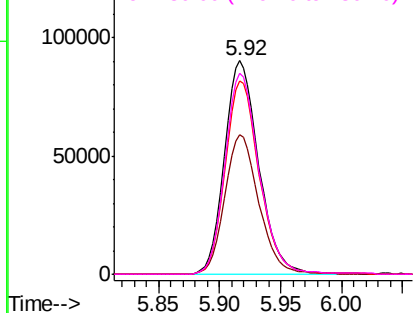
#34
 Trichloroethene
 Concen: 40.888 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019654.D
 Acq: 15 Dec 2020 17:11

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 177357
 Ion Ratio Lower Upper
 95 100
 97 65.6 44.4 82.4
 132 90.7 64.3 119.3
 130 93.9 67.8 125.8

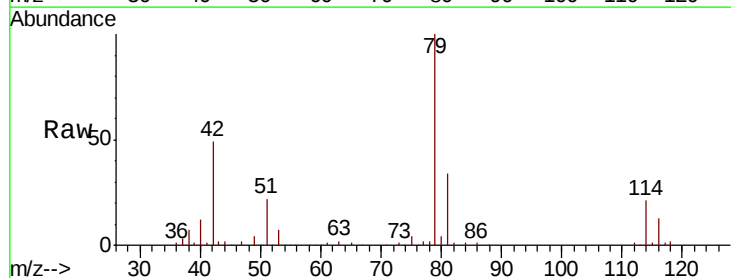


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

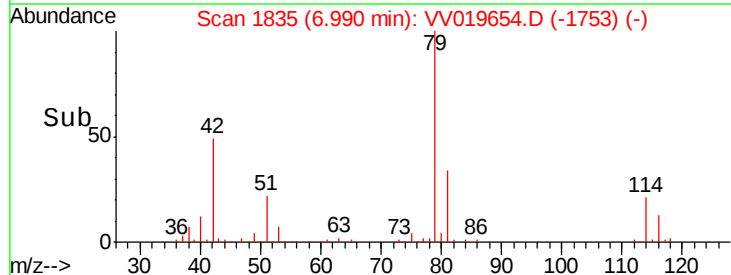
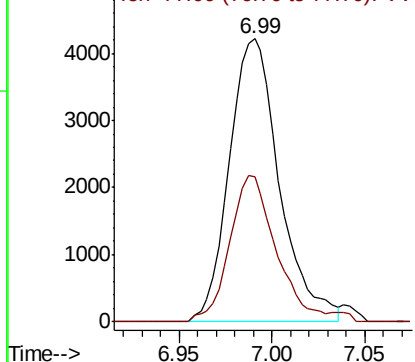


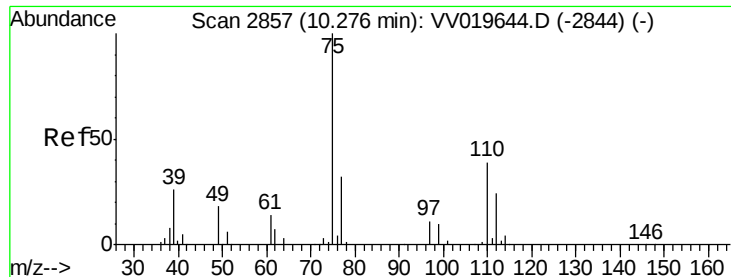
#39
 cis-1,3-Dichloropropene
 Concen: 1.114 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019654.D
 Acq: 15 Dec 2020 17:11

Tgt Ion: 75 Resp: 7937
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.4 41.6#



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: 6.638 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019654.D

Acq: 15 Dec 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 35405

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

