

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014882.D
 Acq On : 12 Mar 2020 21:04
 Operator : SY/MD
 Sample : L1884-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:13:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	384158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100946	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.42%
7) Chloroethane-d5	1.58	69	81958	38.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.46%
11) 1,1-Dichloroethene-d2	2.12	63	142210	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	3.93	46	137541	68.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.90%
24) Chloroform-d	4.38	84	230054	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.06	65	152942	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
32) Benzene-d6	5.08	84	460641	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
36) 1,2-Dichloropropane-d6	6.10	67	140878	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.80%
41) Toluene-d8	7.34	98	437750	44.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.12%
43) trans-1,3-Dichloropropene-	7.64	79	62287	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.90%
47) 2-Hexanone-d5	8.12	63	139426	93.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202430	43.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	177505	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

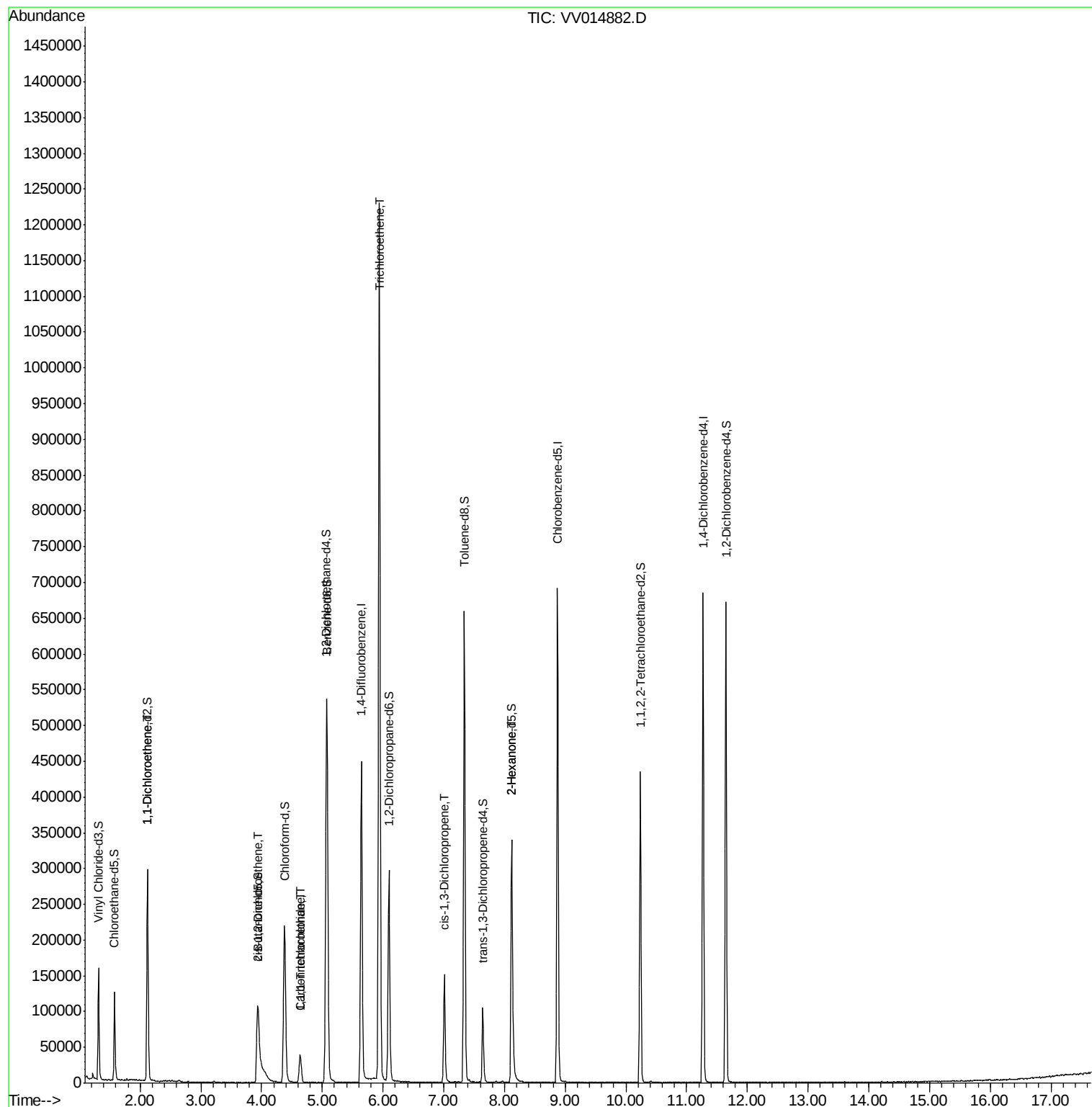
					Ovalue
12) 1,1-Dichloroethene	2.13	96	20983	9.765 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	29530	9.947 ug/L	92
30) 1,1,1-Trichloroethane	4.63	97	33193	7.453 ug/L	95
31) Carbon tetrachloride	4.63	117	4498	1.189 ug/L	98
34) Trichloroethene	5.94	95	424124	145.825 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3757	0.797 ug/L #	76
48) 2-Hexanone	8.12	43	15194	4.433 ug/L #	78

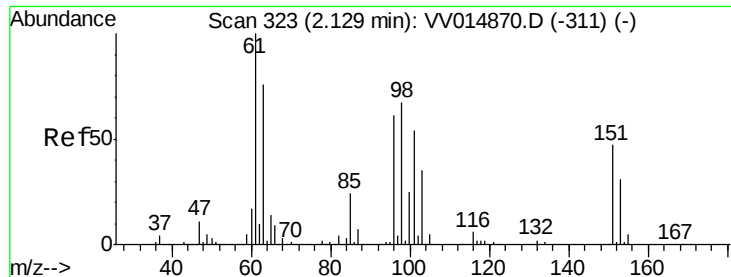
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.765 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV014882.D

Acq: 12 Mar 2020 21:04

Instrument :
MSVOA_V
ClientSampleId :

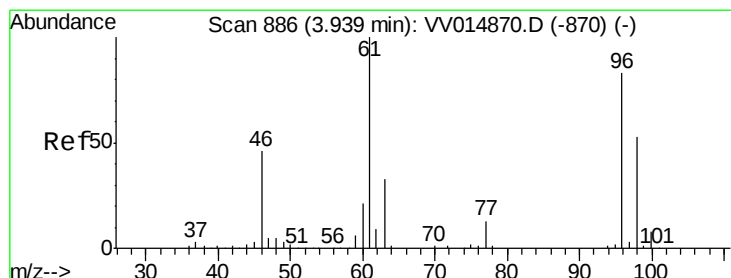
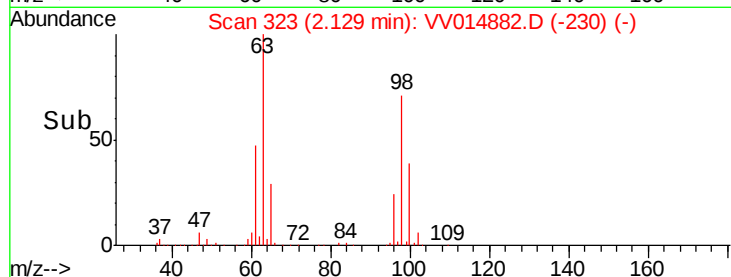
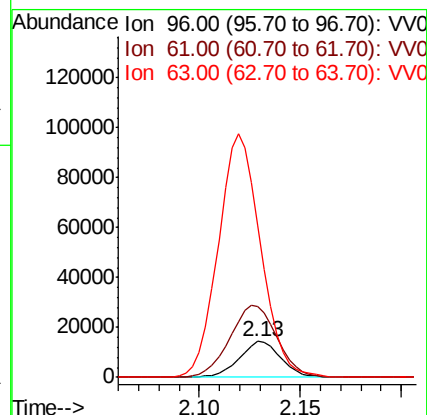
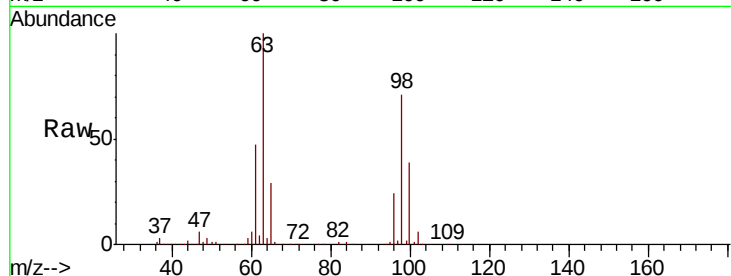
Tot Ion: 96 Resp: 20983

Ion Ratio Lower Upper

96 100

61 198.8 118.4 220.0

63 423.7 88.4 164.2#



#20

cis-1,2-Dichloroethene

Concen: 9.947 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV014882.D

Acq: 12 Mar 2020 21:04

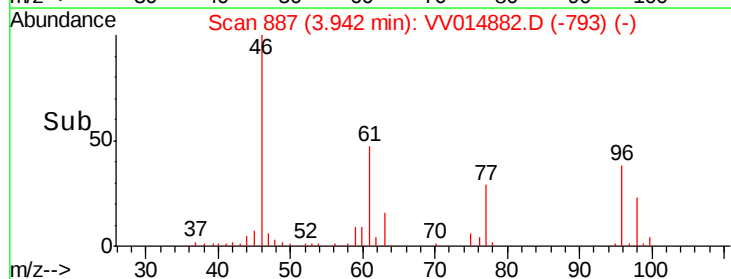
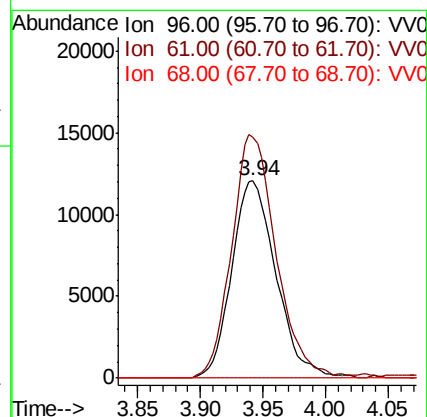
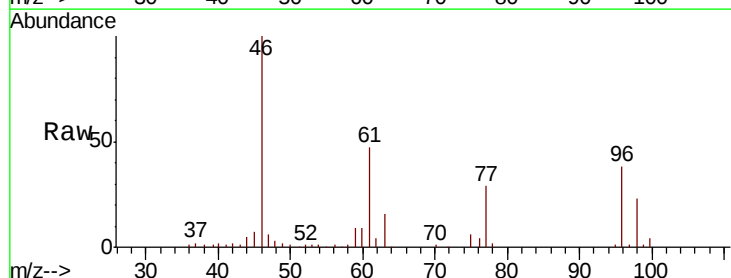
Tgt Ion: 96 Resp: 29530

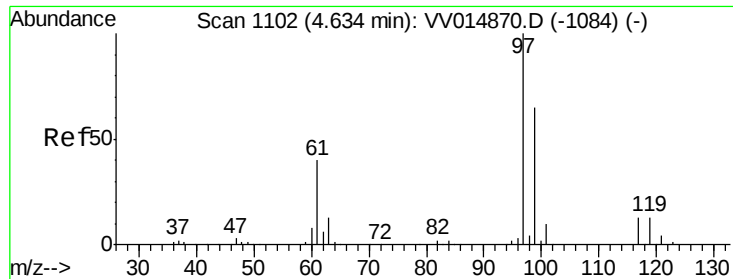
Ion Ratio Lower Upper

96 100

61 122.4 92.2 171.2

68 0.0 0.0 0.0

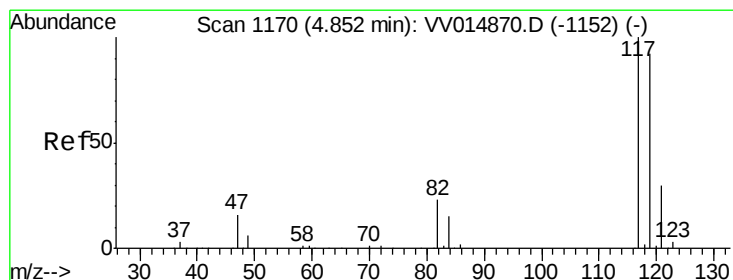
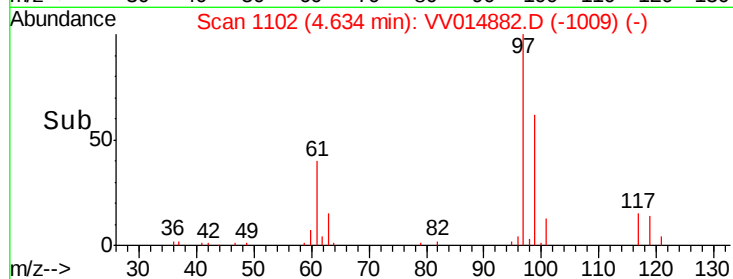
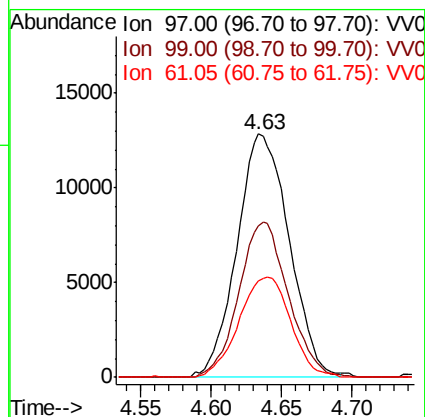
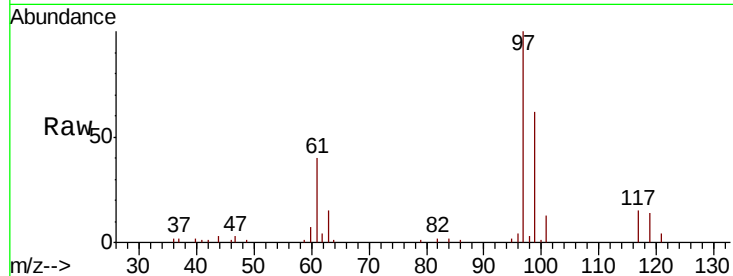




#30
 1,1,1-Trichloroethane
 Concen: 7.453 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV014882.D
 Acq: 12 Mar 2020 21:04

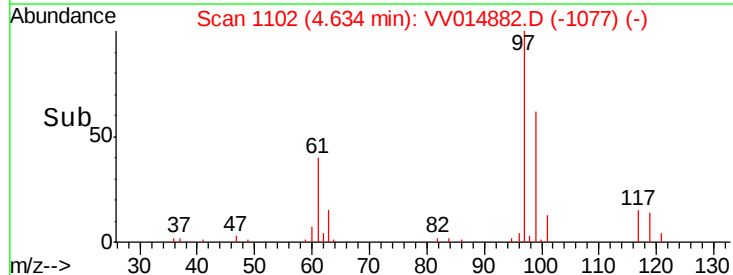
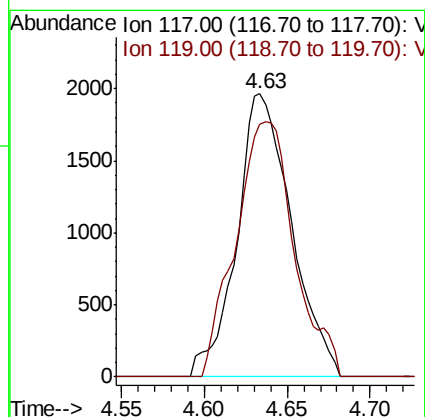
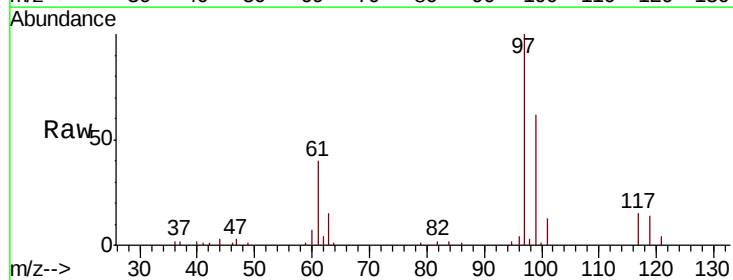
Instrument :
 MSVOA_V
 ClientSampleId :

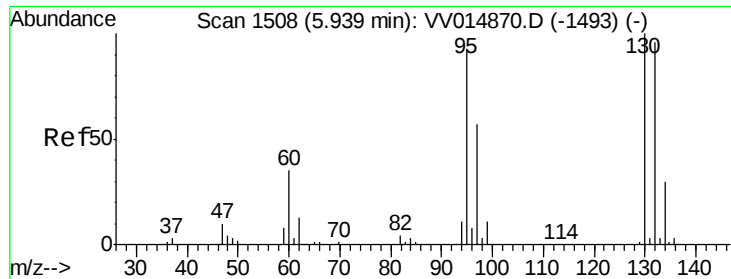
Tot Ion: 97 Resp: 33193
 Ion Ratio Lower Upper
 97 100
 99 60.3 51.6 77.4
 61 40.9 34.6 52.0



#31
 Carbon tetrachloride
 Concen: 1.189 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. -0.22 min
 Lab File: VV014882.D
 Acq: 12 Mar 2020 21:04

Tgt Ion: 117 Resp: 4498
 Ion Ratio Lower Upper
 117 100
 119 93.7 76.5 114.7

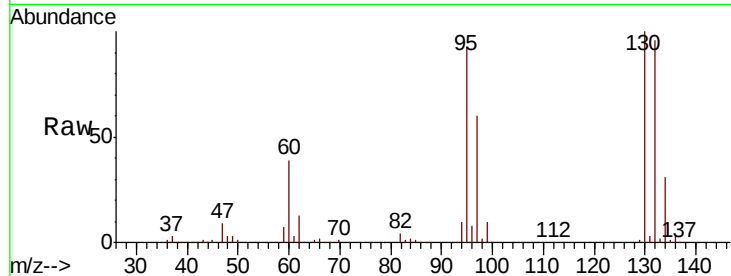




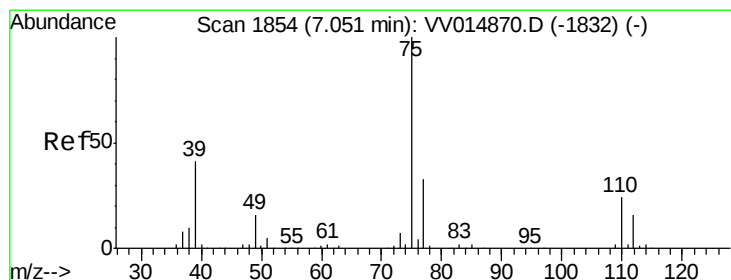
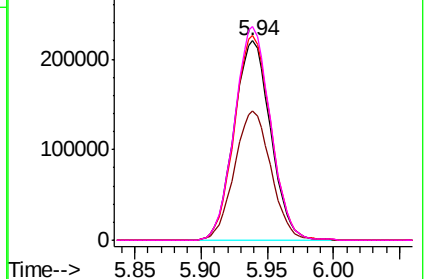
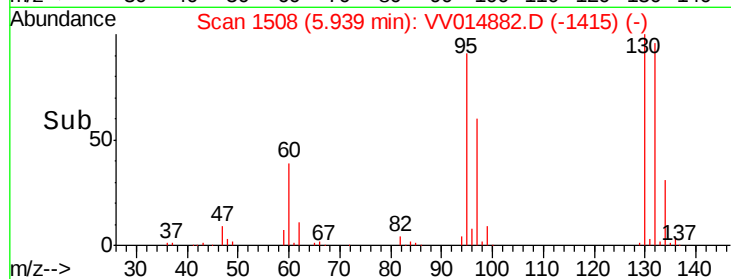
#34
 Trichloroethene
 Concen: 145.825 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV014882.D
 Acq: 12 Mar 2020 21:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 424124
 Ion Ratio Lower Upper
 95 100
 97 64.7 43.8 81.4
 132 102.5 65.8 122.2
 130 107.1 70.6 131.2

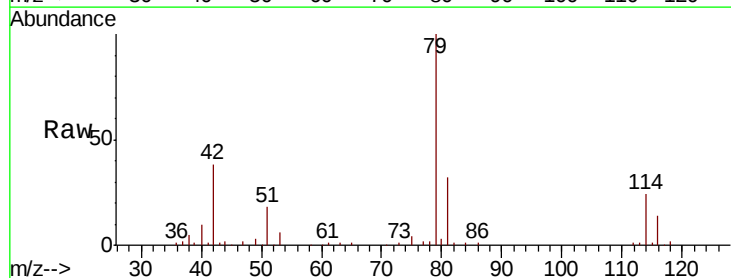


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

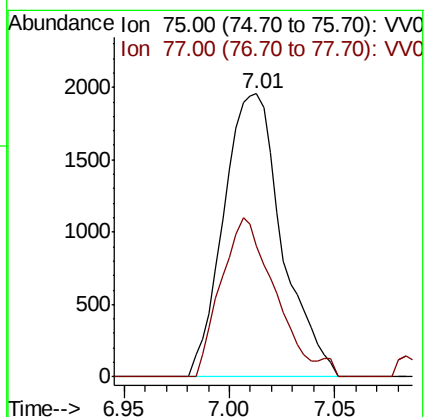
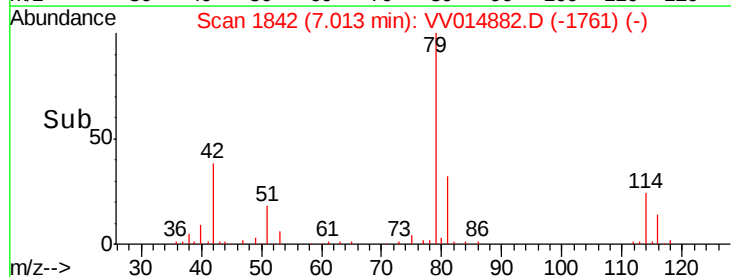


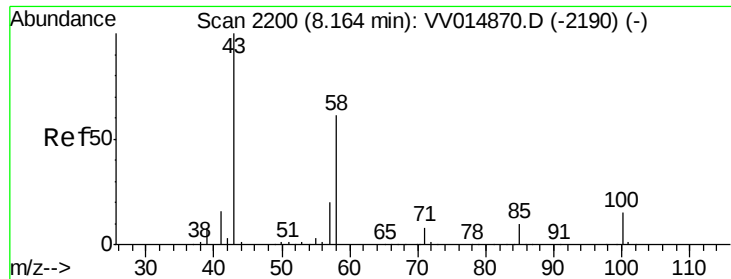
#39
 cis-1,3-Dichloropropene
 Concen: 0.797 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV014882.D
 Acq: 12 Mar 2020 21:04

Tgt Ion: 75 Resp: 3757
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 4.433 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV014882.D

Acq: 12 Mar 2020 21:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	15194
Ion	Ratio	Lower	Upper
43	100		
58	38.3	43.3	64.9#
57	28.6	15.6	23.4#
100	0.7	8.7	13.1#

