

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015297.D
 Acq On : 31 Mar 2020 02:12
 Operator : SY/MD
 Sample : L1975-06 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 06:27:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 06:20:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	598625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	581159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	244960	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205736	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.58	69	197268	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.12	63	313110	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.93	46	275223	96.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	4.38	84	371620	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.06	65	254223	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.08	84	739834	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.10	67	237832	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	706507	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.64	79	116008	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.12	63	224926	101.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	332199	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	243398	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

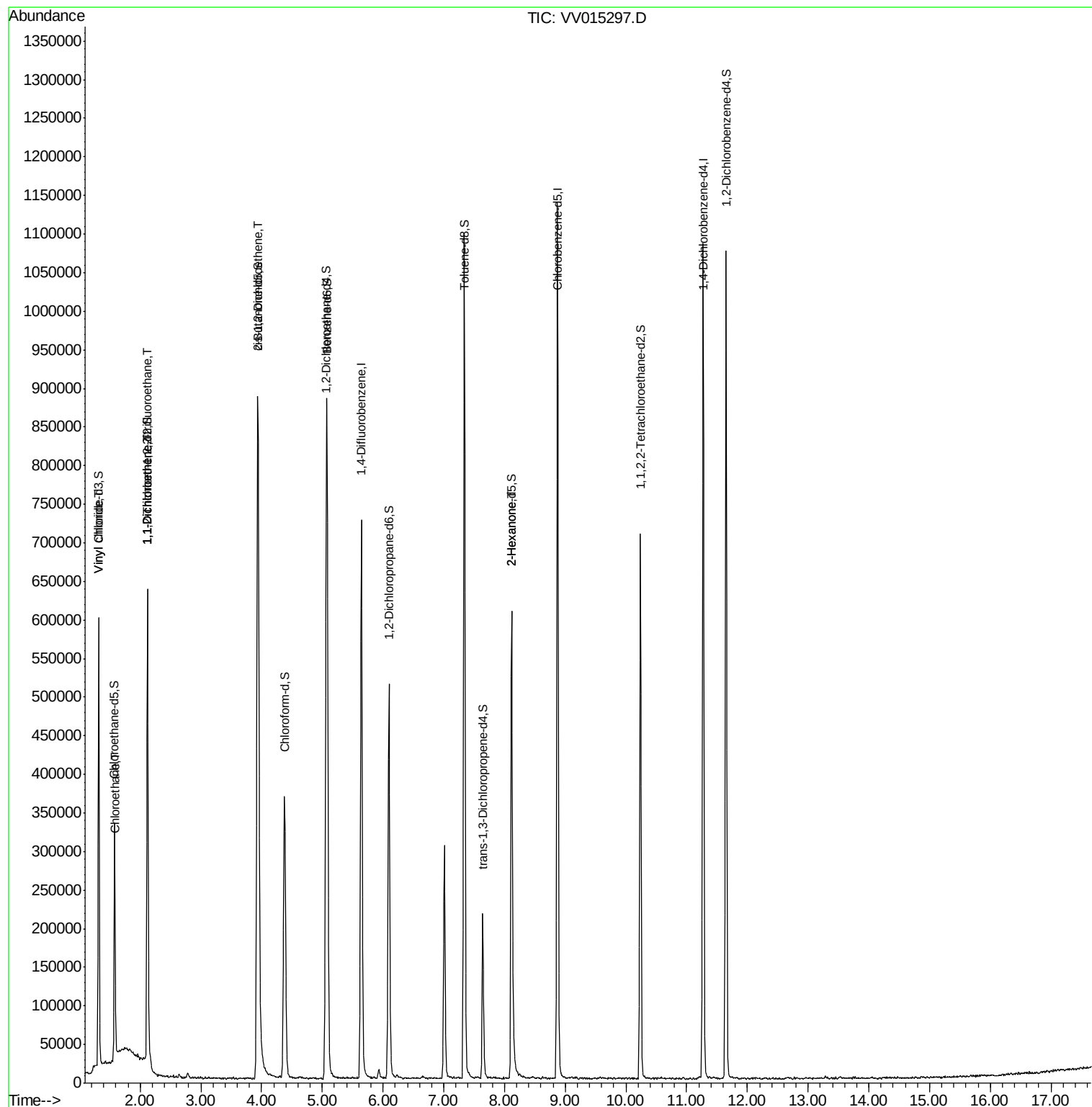
					Ovalue
5) Vinyl chloride	1.32	62	179729	35.621	ug/L 99
8) Chloroethane	1.60	64	14016	4.028	ug/L # 55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3314	0.725	ug/L # 26
12) 1,1-Dichloroethene	2.12	96	3435	0.776	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	428161	102.662	ug/L # 100
48) 2-Hexanone	8.12	43	27704	6.207	ug/L # 71

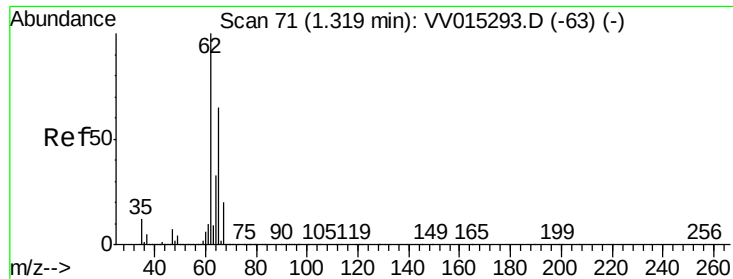
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.621 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015297.D

Acq: 31 Mar 2020 02:12

Instrument :

MSVOA_V

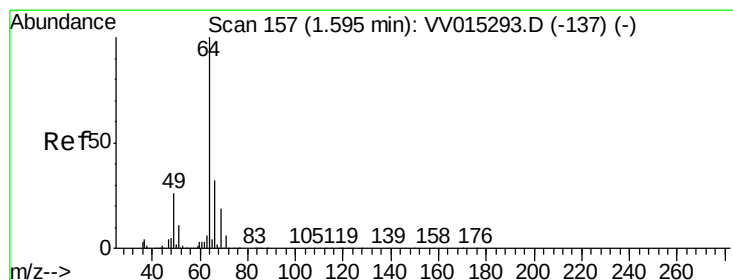
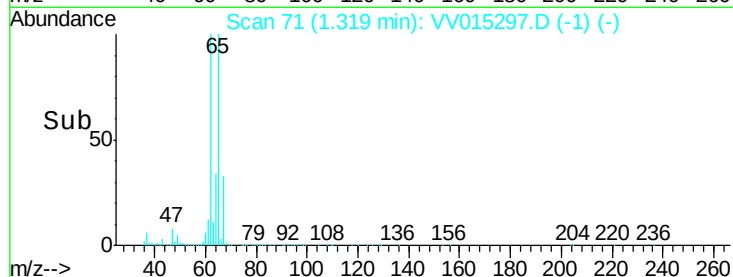
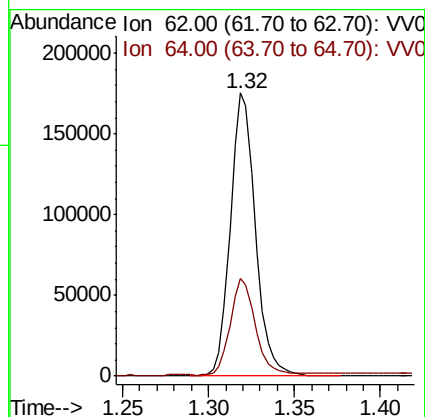
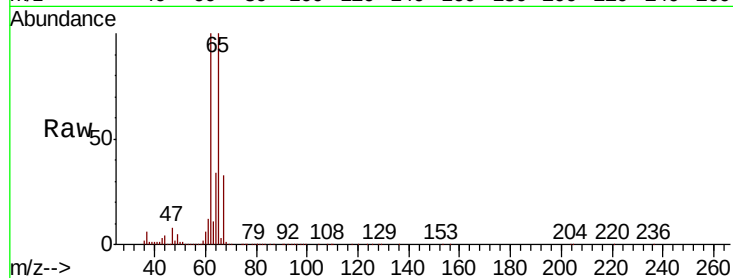
ClientSampleId :

Tot Ion: 62 Resp: 179729

Ion Ratio Lower Upper

62 100

64 34.4 23.9 44.3



#8

Chloroethane

Concen: 4.028 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015297.D

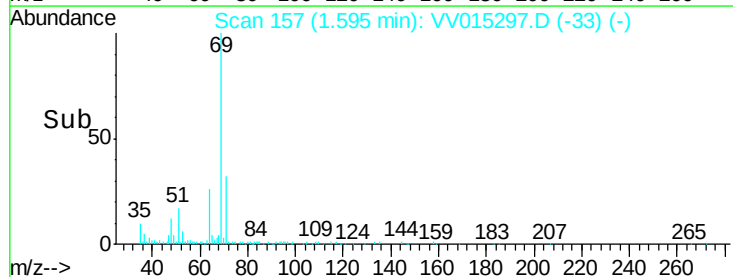
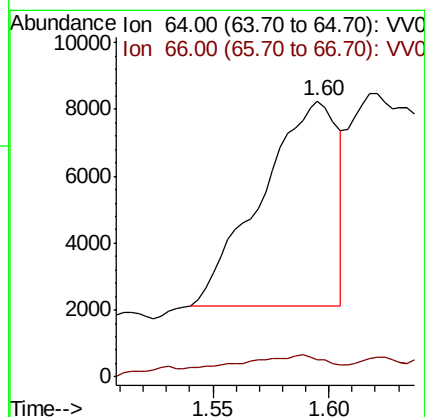
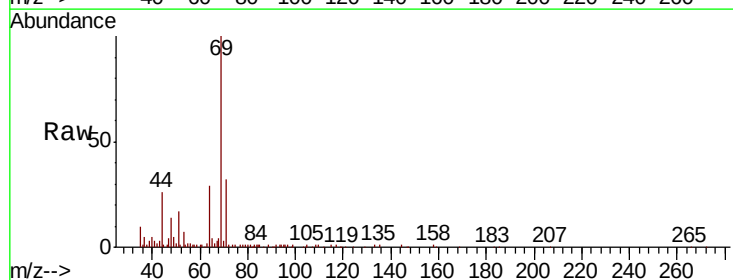
Acq: 31 Mar 2020 02:12

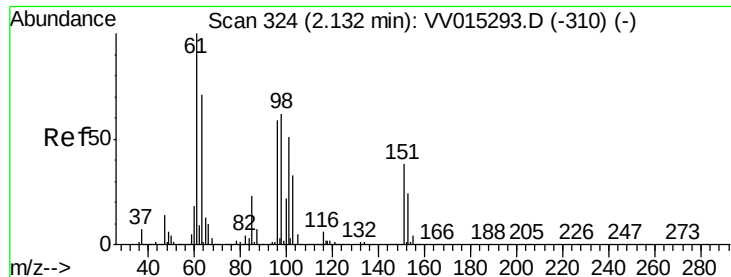
Tgt Ion: 64 Resp: 14016

Ion Ratio Lower Upper

64 100

66 6.3 21.5 39.9#





#10

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

Concen: 0.725 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015297.D

Acq: 31 Mar 2020 02:12

Instrument :

MSVOA_V

ClientSampleId :

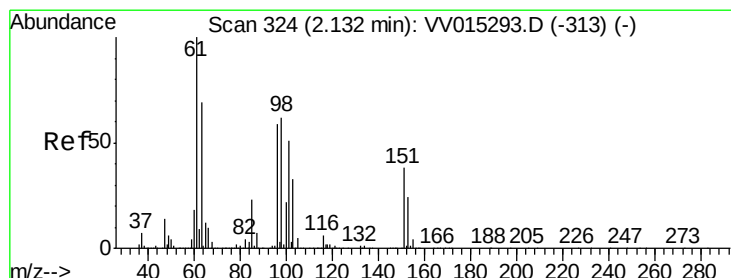
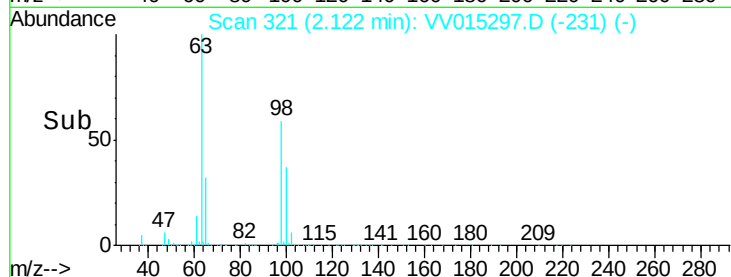
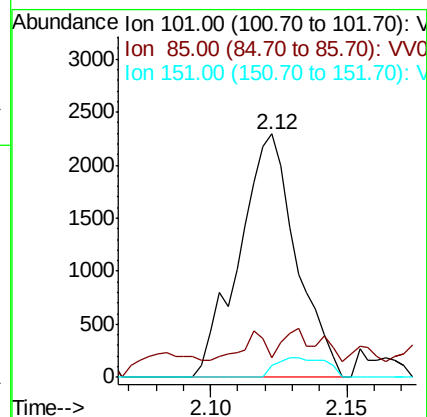
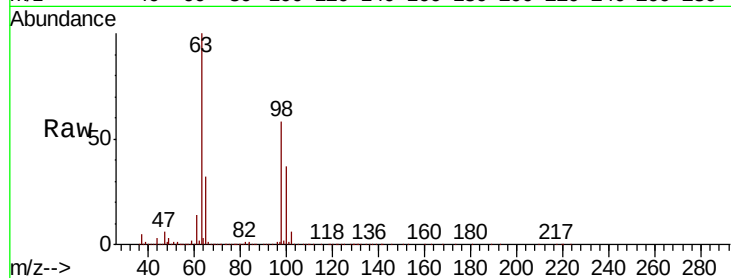
Tot Ion:101 Resp: 3314

Ion Ratio Lower Upper

101 100

85 9.5 35.0 52.6#

151 0.0 58.2 87.4#



#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015297.D

Acq: 31 Mar 2020 02:12

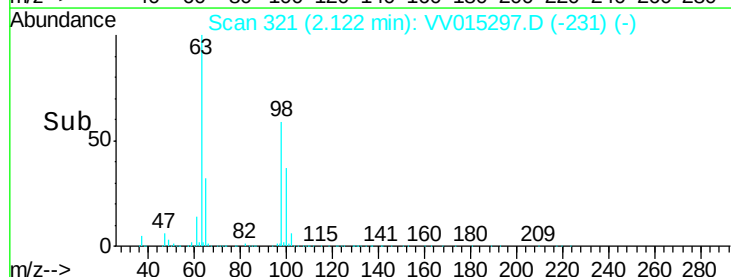
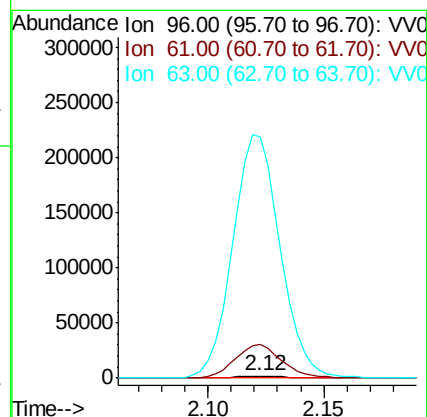
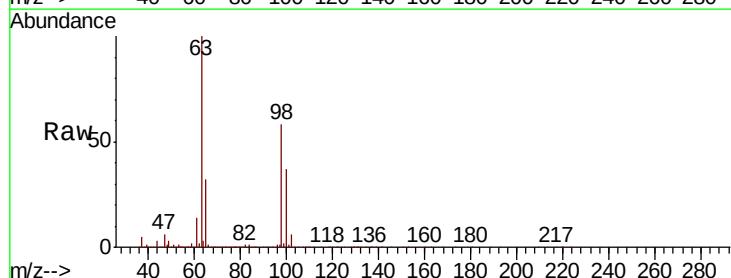
Tgt Ion: 96 Resp: 3435

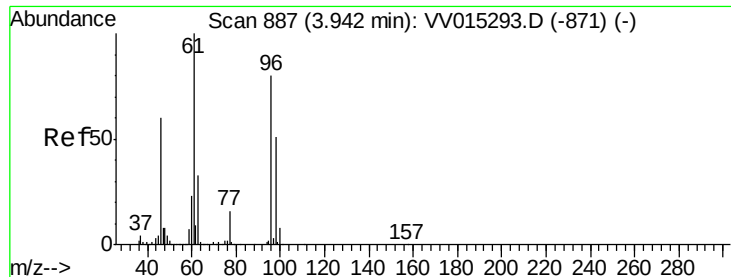
Ion Ratio Lower Upper

96 100

61 1457.2 120.9 224.5#

63 10574.0 81.2 150.8#



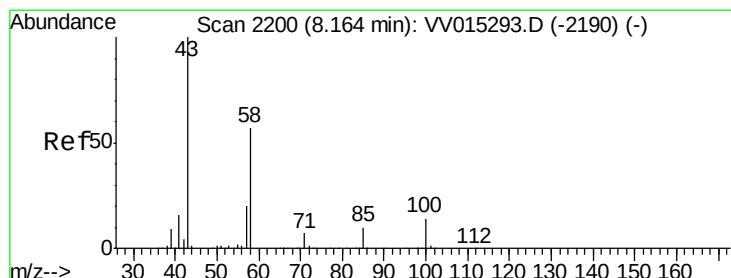
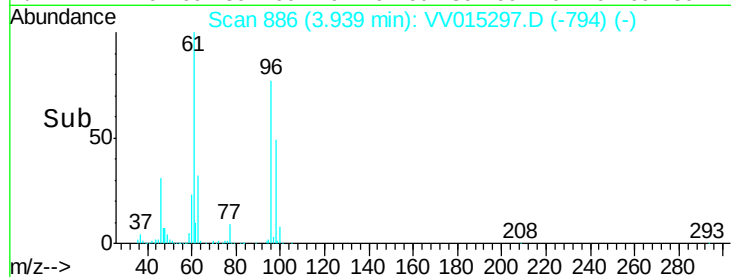
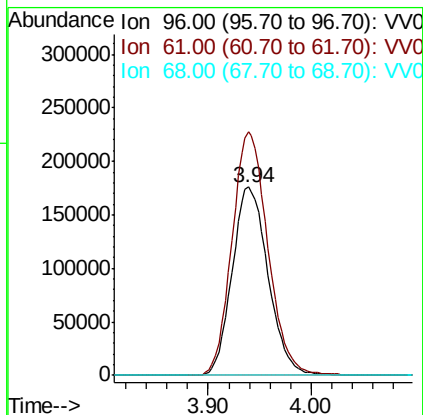
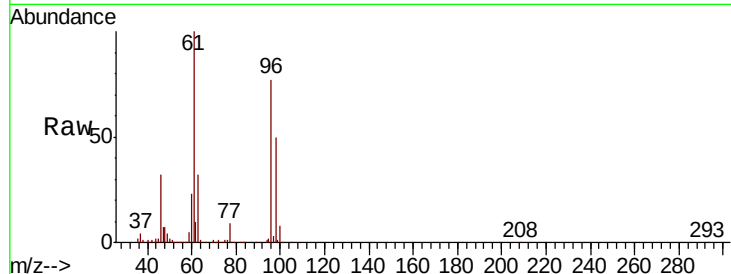


#20

cis-1,2-Dichloroethene
 Concen: 102.662 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015297.D
 Acq: 31 Mar 2020 02:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 428161
 Ion Ratio Lower Upper
 96 100
 61 129.5 90.2 167.6
 68 0.0 0.1 0.1#



#48

2-Hexanone
 Concen: 6.207 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015297.D
 Acq: 31 Mar 2020 02:12

Tgt Ion: 43 Resp: 27704
 Ion Ratio Lower Upper
 43 100
 58 32.4 47.0 70.6#
 57 24.2 16.2 24.2
 100 0.2 11.0 16.6#

