

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015289.D
 Acq On : 30 Mar 2020 22:08
 Operator : SY/MD
 Sample : L1976-11DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	590318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	562754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211912	49.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.46%
7) Chloroethane-d5	1.58	69	201792	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.76%
11) 1,1-Dichloroethene-d2	1.92	63	321	0.03	ug/L	-0.20
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.93	46	308073	109.45	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.45%
24) Chloroform-d	4.38	84	389223	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	266064	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.08	84	762119	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.09	67	246365	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.34	98	716748	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.64	79	122636	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
47) 2-Hexanone-d5	8.11	63	261612	121.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	348469	51.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	240121	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

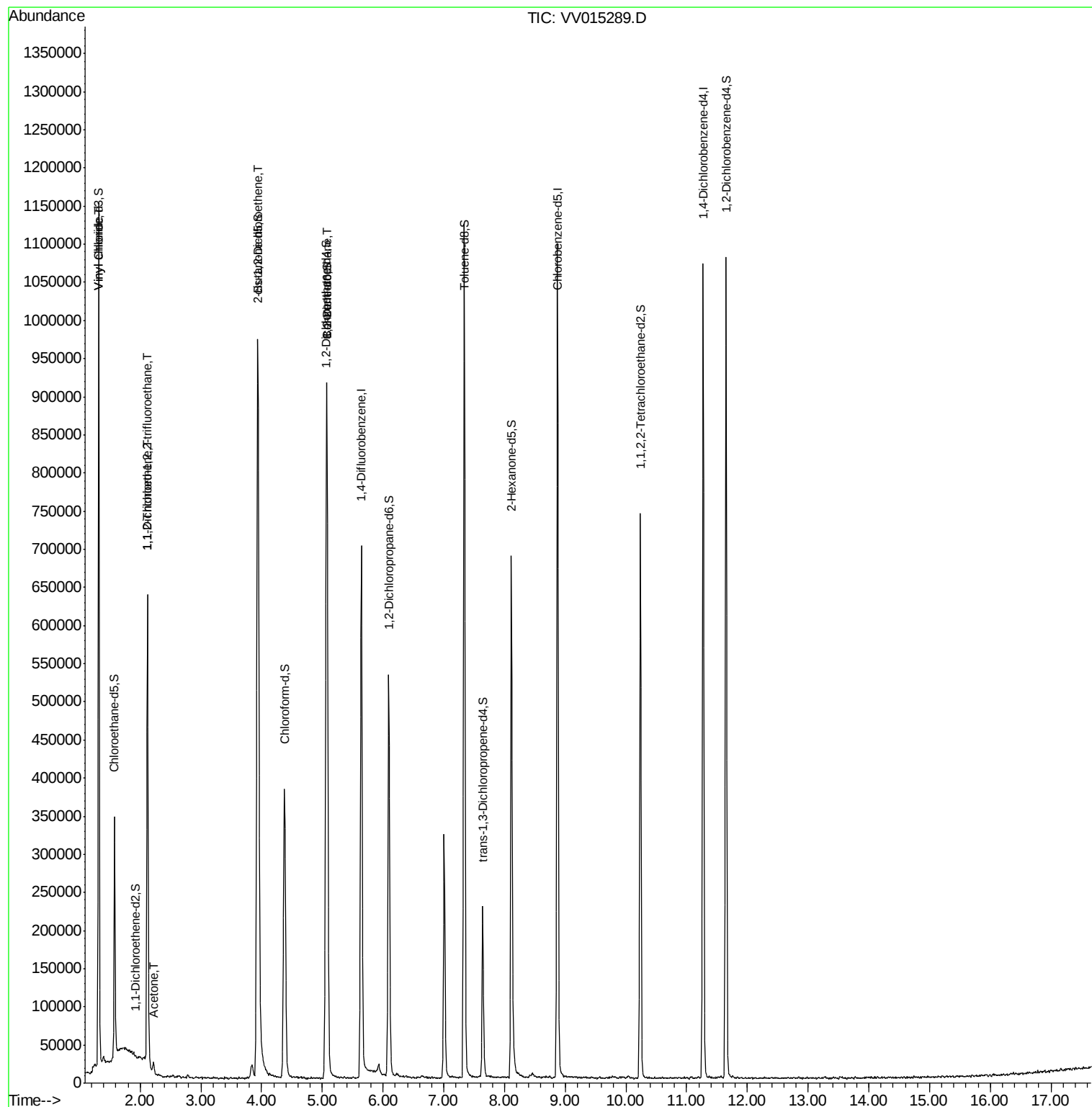
					Ovalue
5) Vinyl chloride	1.32	62	481452	96.764	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3140	0.696	ug/L # 26
12) 1,1-Dichloroethene	2.13	96	3020	0.692	ug/L # 1
13) Acetone	2.21	43	4059	2.113	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	464585	112.964	ug/L # 99
27) 1,2-Dichloroethane	5.08	62	4813	0.831	ug/L 96

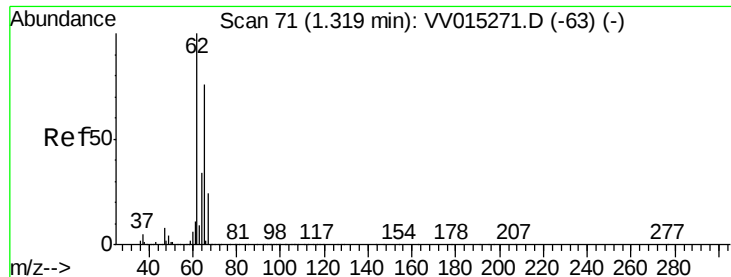
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 96.764 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015289.D

Acq: 30 Mar 2020 22:08

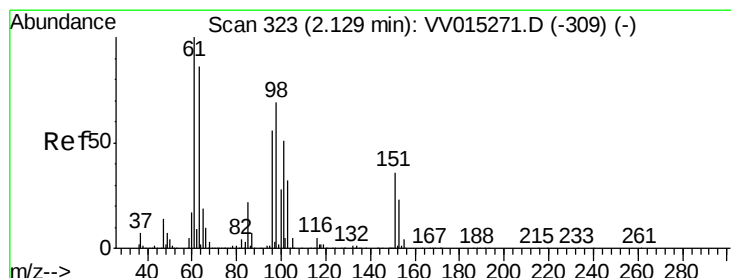
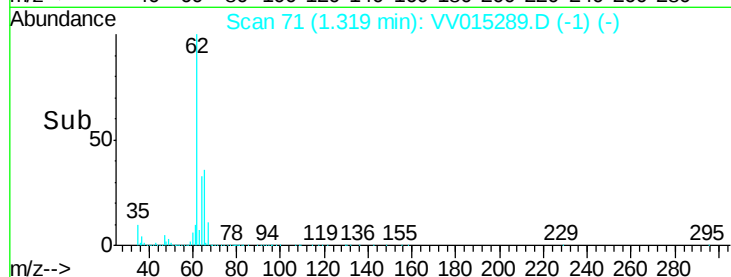
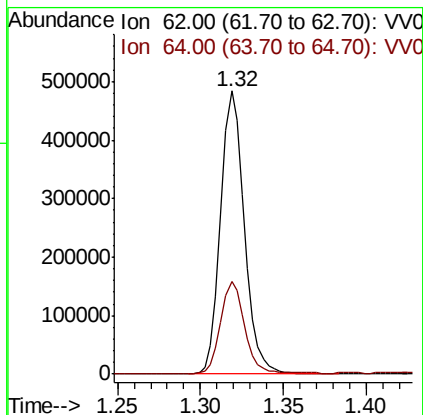
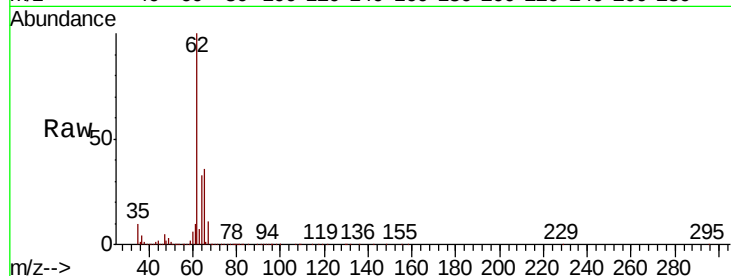
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 481452

Ion Ratio Lower Upper

62 100

64 32.8 23.9 44.3



#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015289.D

Acq: 30 Mar 2020 22:08

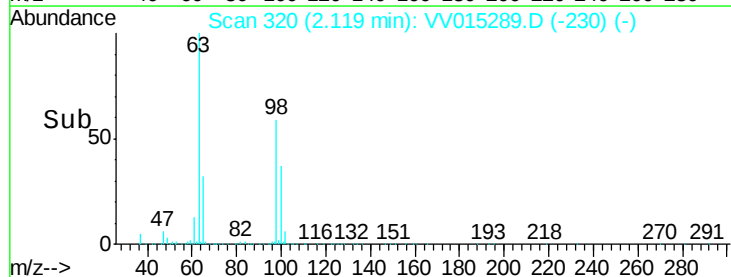
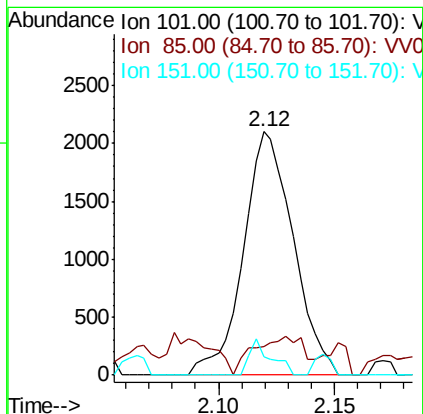
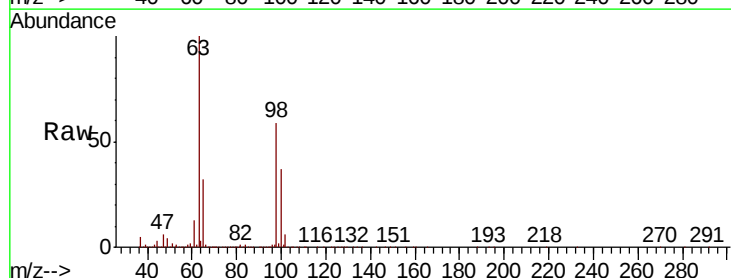
Tgt Ion: 101 Resp: 3140

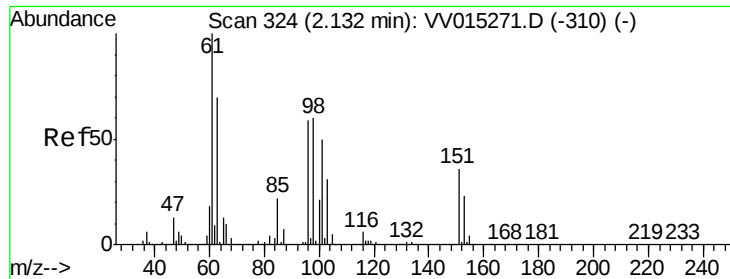
Ion Ratio Lower Upper

101 100

85 2.0 35.0 52.6#

151 5.5 58.2 87.4#

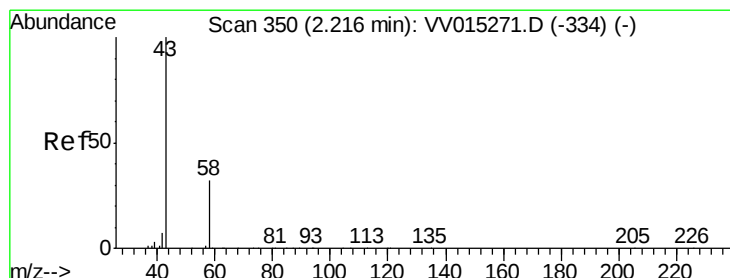
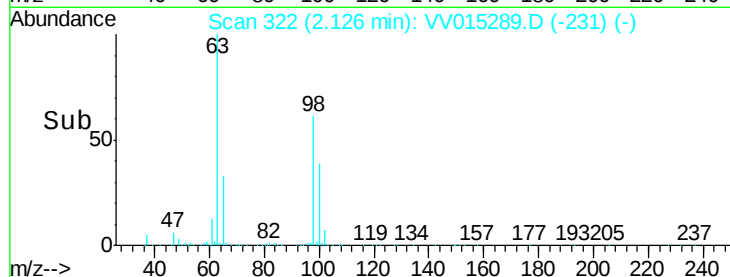
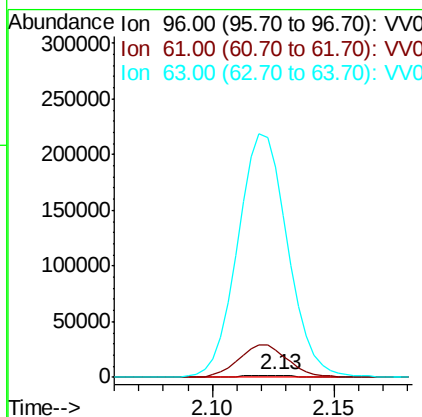
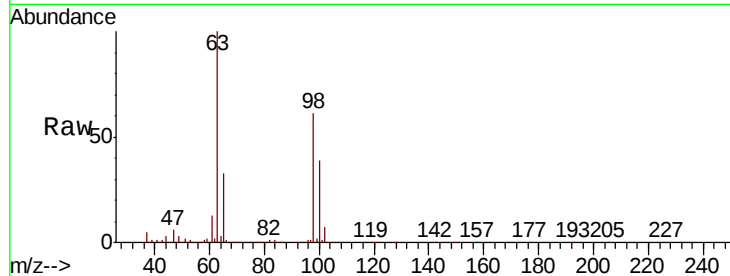




#12
 1,1-Dichloroethene
 Concen: 0.692 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV015289.D
 Acq: 30 Mar 2020 22:08

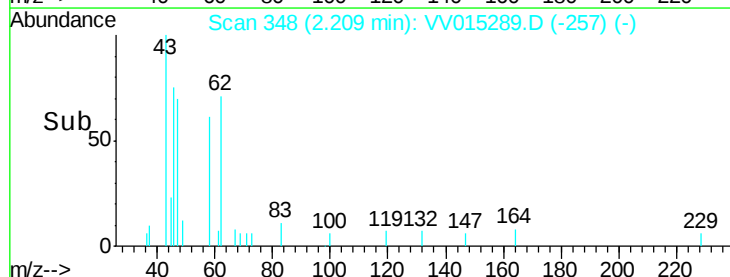
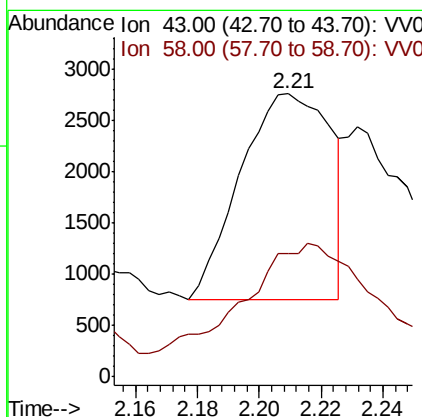
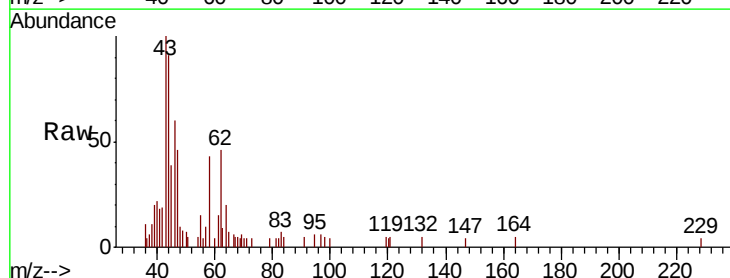
Instrument :
 MSVOA_V
 ClientSampled :

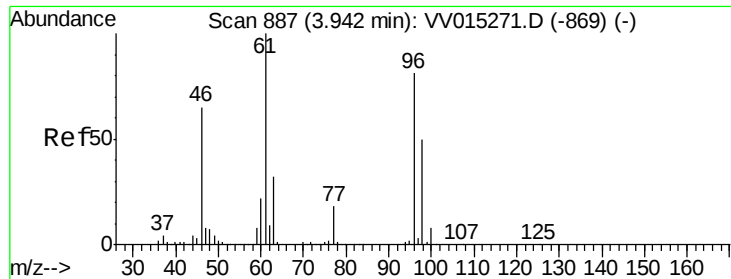
Tot Ion: 96 Resp: 3020
 Ion Ratio Lower Upper
 96 100
 61 1426.1 120.9 224.5#
 63 10913.3 81.2 150.8#



#13
 Acetone
 Concen: 2.113 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VV015289.D
 Acq: 30 Mar 2020 22:08

Tgt Ion: 43 Resp: 4059
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 63.6

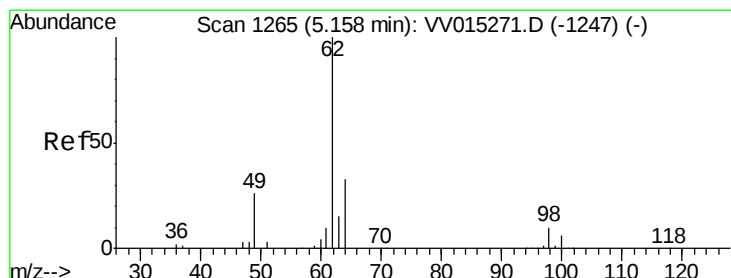
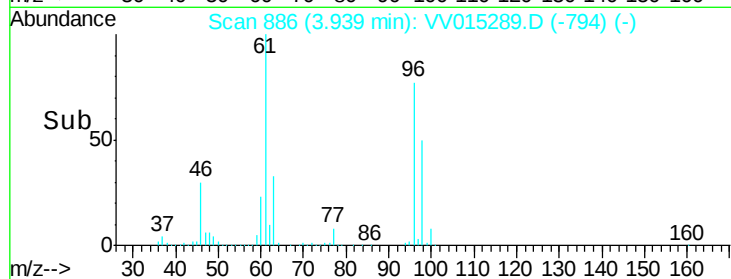
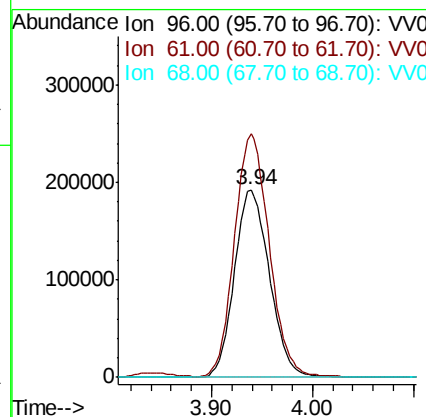
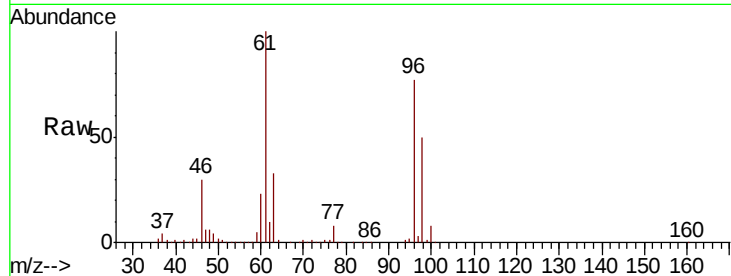




#20
 cis-1,2-Dichloroethene
 Concen: 112.964 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015289.D
 Acq: 30 Mar 2020 22:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 464585
 Ion Ratio Lower Upper
 96 100
 61 129.6 90.2 167.6
 68 0.0 0.1 0.1#



#27
 1,2-Dichloroethane
 Concen: 0.831 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV015289.D
 Acq: 30 Mar 2020 22:08

Tgt Ion: 62 Resp: 4813
 Ion Ratio Lower Upper
 62 100
 98 7.9 7.4 11.0

