

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007302.D
 Acq On : 31 Aug 2018 15:49
 Operator : SY/MD
 Sample : J4665-15
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB0

Quant Time: Sep 01 00:23:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	621242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	591142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	238287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215367	57.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.74%
7) Chloroethane-d5	1.58	69	118639	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.13	63	246948	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.96	46	367780	121.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.14%
24) Chloroform-d	4.41	84	375672	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	5.09	65	237189	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.11	84	767294	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	256416	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.37	98	639339	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.67	79	106763	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.15	63	228849	116.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.61%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	362546	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	279625	58.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.82%

Target Compounds

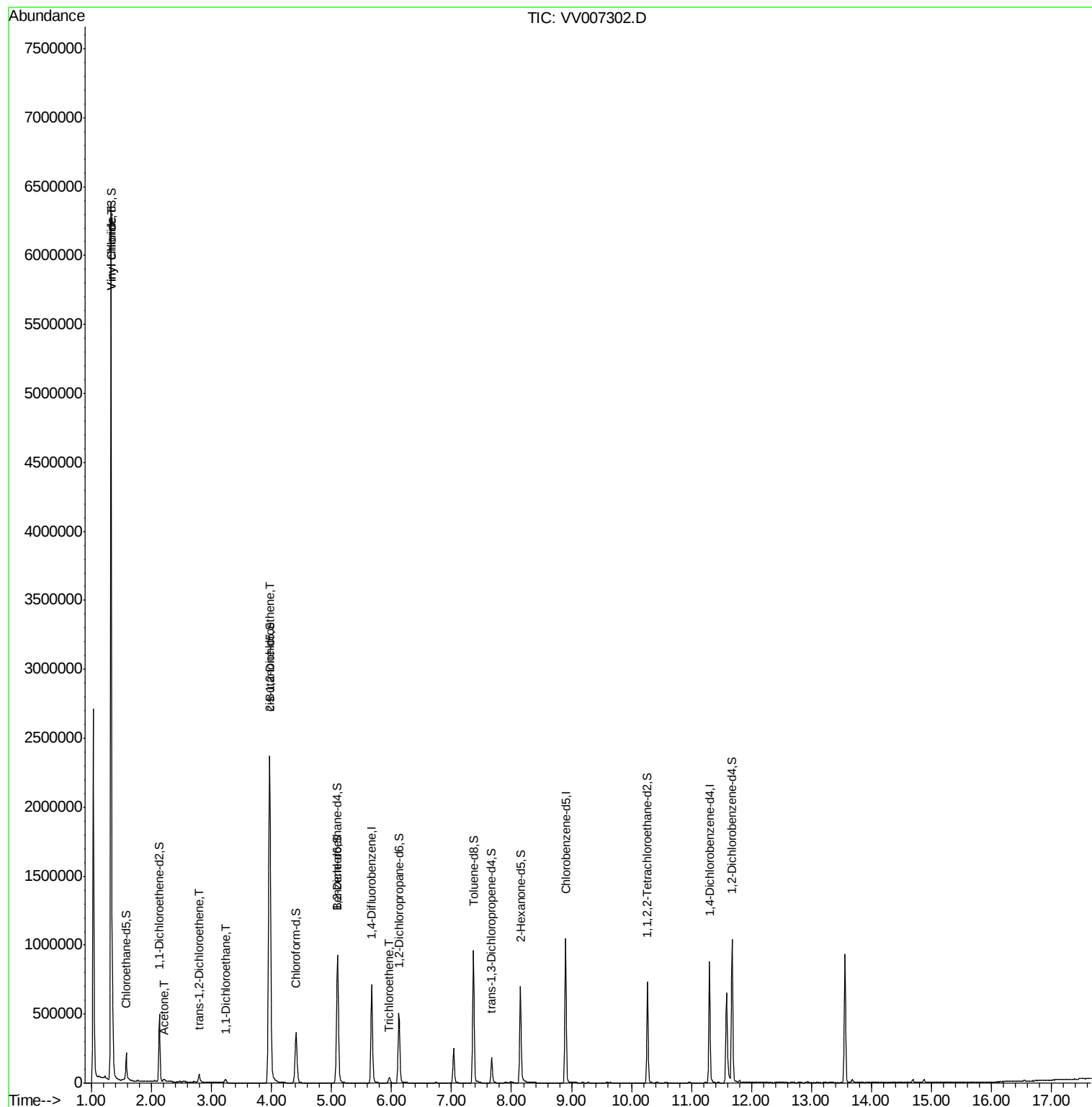
						Ovalue
5) Vinyl chloride	1.32	62	4454481	884.67	ug/L	99
13) Acetone	2.21	43	14887	5.69	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	21953	5.41	ug/L	96
19) 1,1-Dichloroethane	3.23	63	27076	3.30	ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	1251260	267.67	ug/L	99
34) Trichloroethene	5.96	95	13235	3.05	ug/L	96

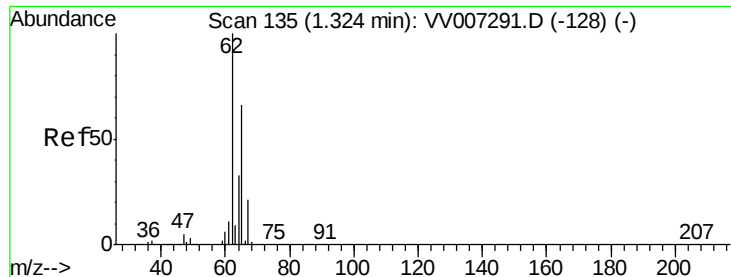
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 884.67 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

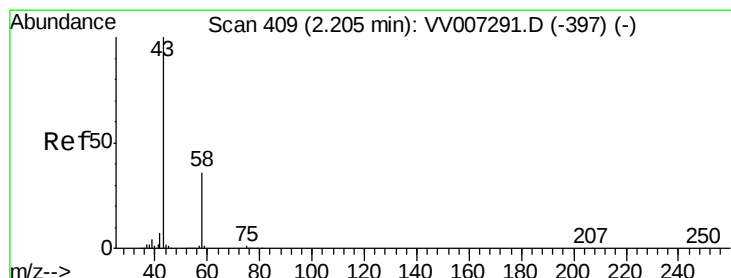
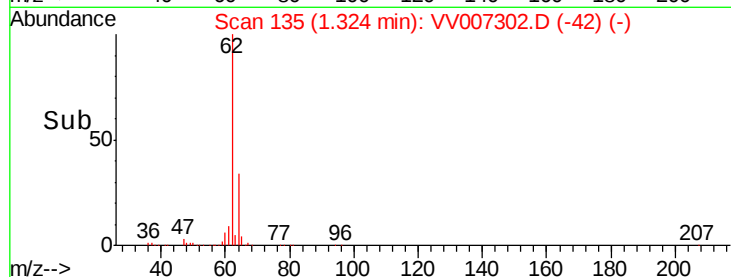
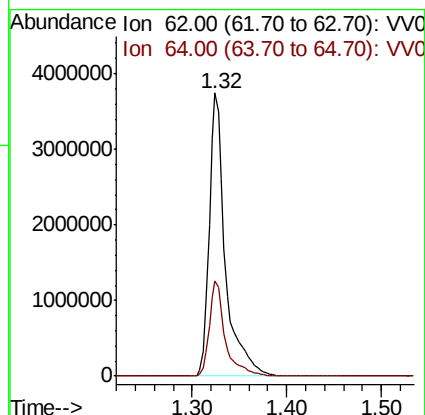
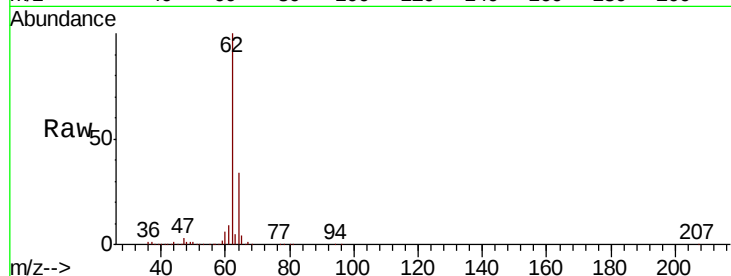
E0AB0

Tot Ion: 62 Resp: 4454481

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.0



#13

Acetone

Concen: 5.69 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007302.D

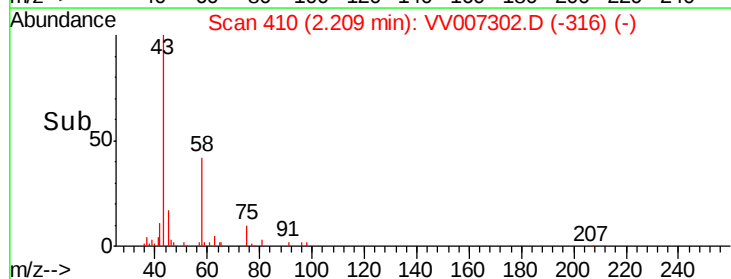
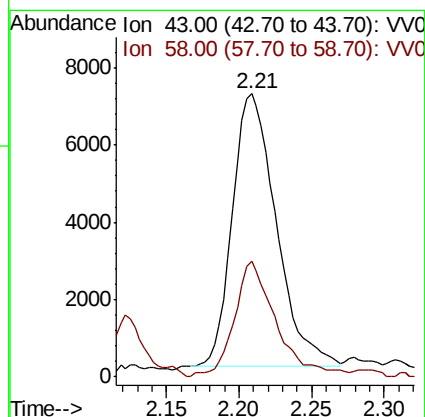
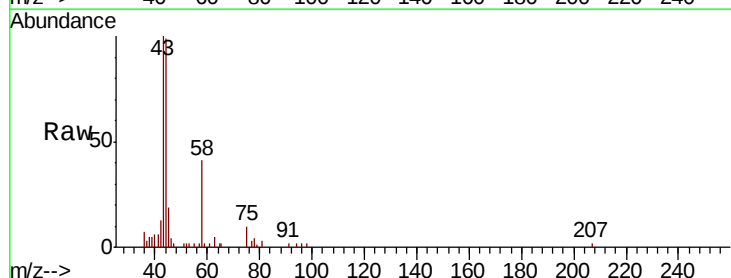
Acq: 31 Aug 2018 15:49

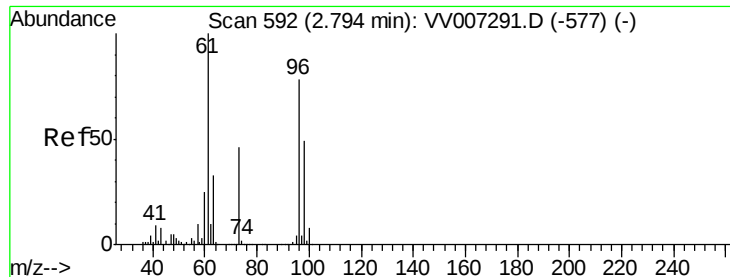
Tgt Ion: 43 Resp: 14887

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2





#17

trans-1,2-Dichloroethene

Concen: 5.41 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_V

ClientSampleId :

E0AB0

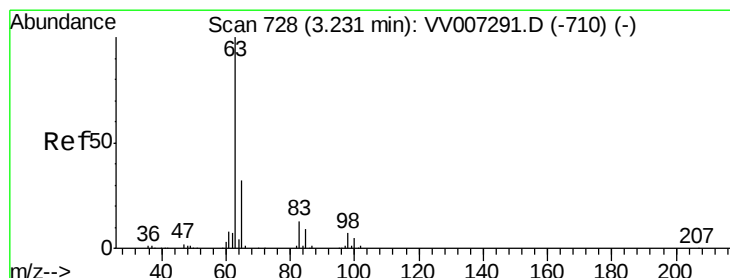
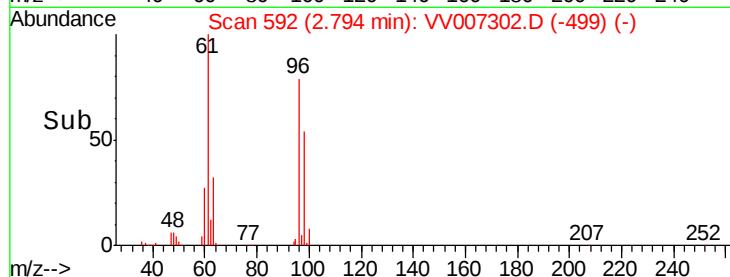
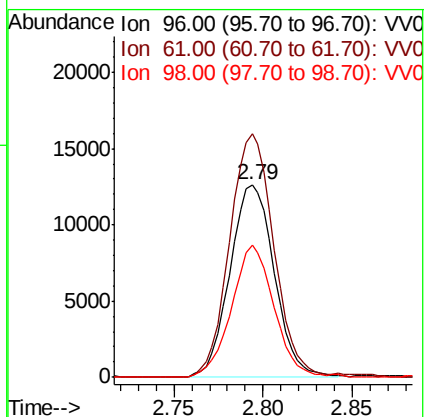
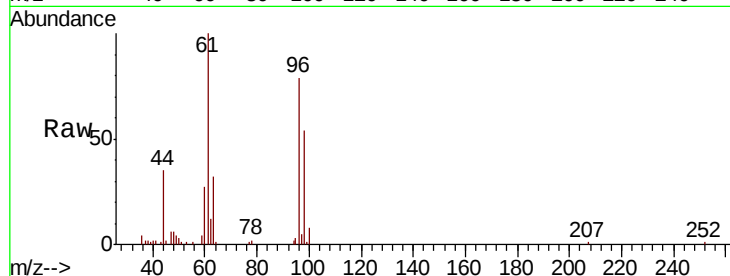
Tot Ion: 96 Resp: 21953

Ion Ratio Lower Upper

96 100

61 126.4 90.4 167.8

98 68.5 44.2 82.0



#19

1,1-Dichloroethane

Concen: 3.30 ug/L

RT: 3.23 min Scan# 729

Delta R.T. 0.00 min

Lab File: VV007302.D

Acq: 31 Aug 2018 15:49

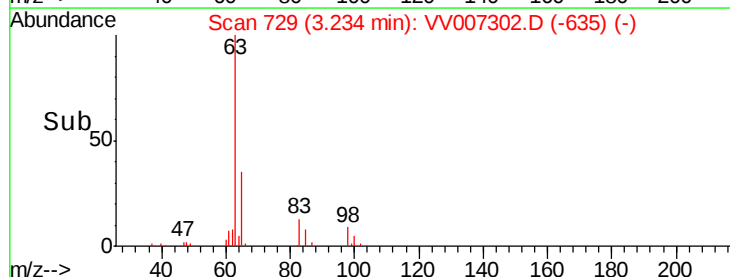
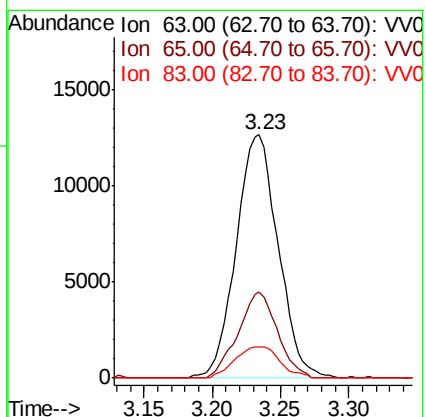
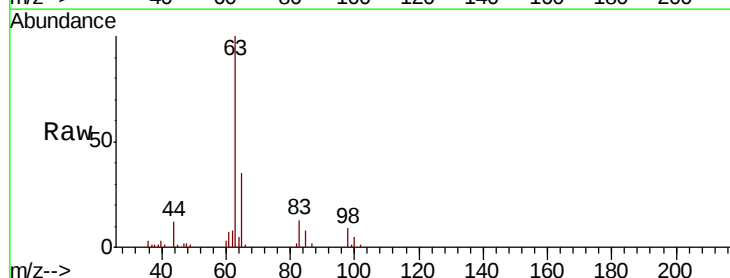
Tgt Ion: 63 Resp: 27076

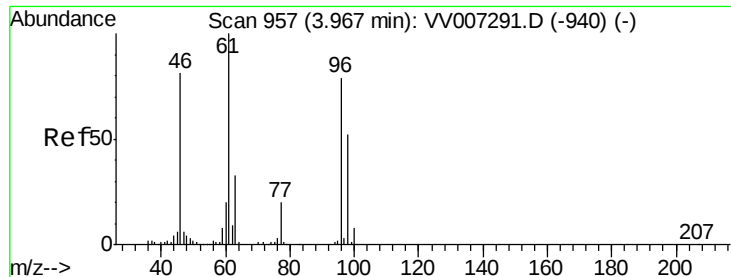
Ion Ratio Lower Upper

63 100

65 35.5 22.0 41.0

83 12.9 8.8 16.4



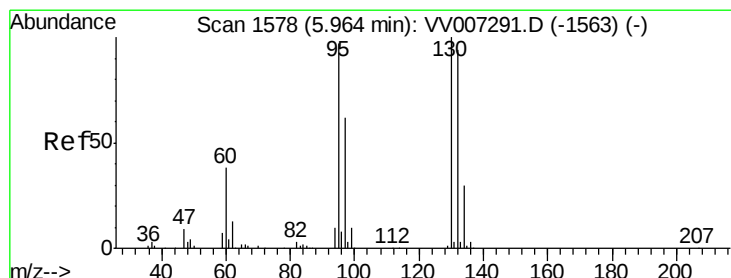
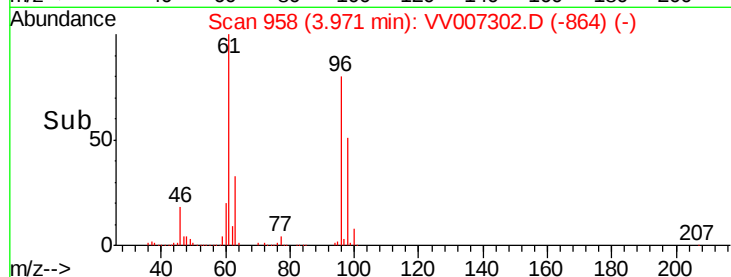
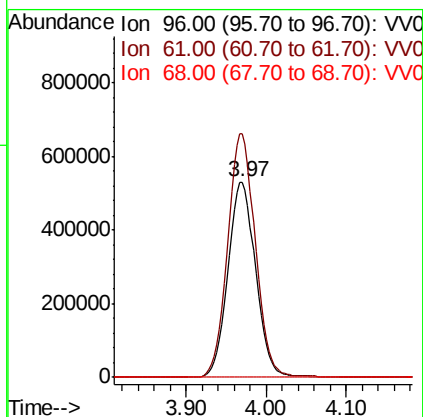
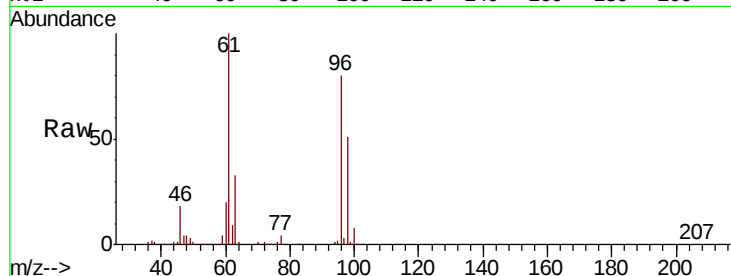


#20
 cis-1,2-Dichloroethene
 Concen: 267.67 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007302.D
 Acq: 31 Aug 2018 15:49

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB0

Tot Ion: 96 Resp: 1251260

Ion	Ratio	Lower	Upper
96	100		
61	124.6	88.4	164.2
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 3.05 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV007302.D
 Acq: 31 Aug 2018 15:49

Tgt Ion: 95 Resp: 13235

Ion	Ratio	Lower	Upper
95	100		
97	67.8	45.1	83.9
132	104.5	68.3	126.9
130	101.5	72.4	134.5

