

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007159.D
 Acq On : 23 Aug 2018 23:27
 Operator : SY/MD
 Sample : J4622-17
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK9

Quant Time: Aug 24 03:51:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	590112	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	556071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	219234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190291	51.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.62%
7) Chloroethane-d5	1.57	69	130022	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.04%
11) 1,1-Dichloroethene-d2	2.13	63	229390	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
21) 2-Butanone-d5	3.96	46	361366	114.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.49%
24) Chloroform-d	4.41	84	362648	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.09	65	230688	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.10	84	727153	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.12	67	252010	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.37	98	583517	42.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.82%
43) trans-1,3-Dichloropropene-	7.67	79	95149	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.14	63	156543	86.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.11%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	333490	44.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	214475	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

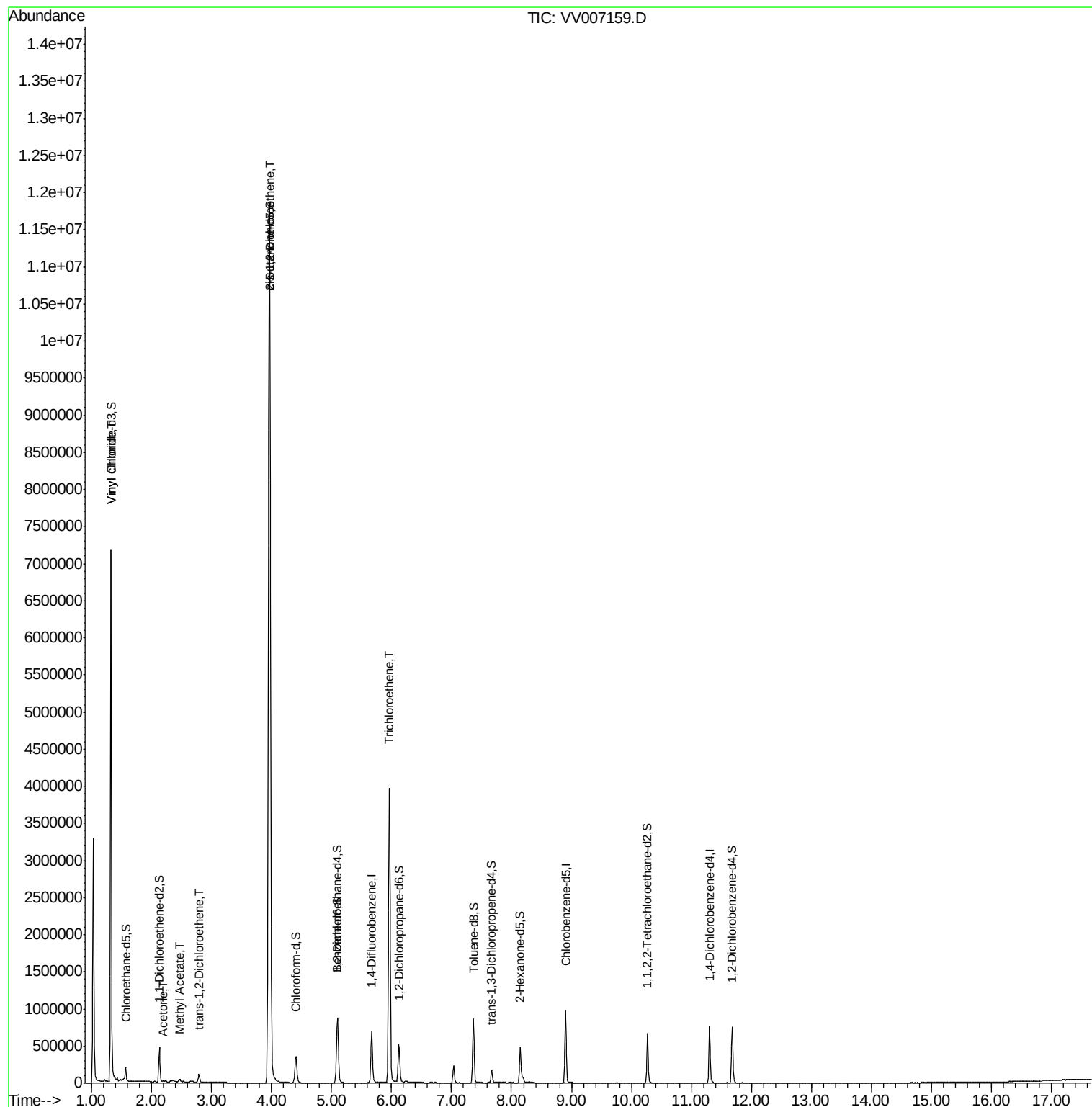
						Ovalue
5) Vinyl chloride	1.32	62	4760109	849.37	ug/L	100
13) Acetone	2.20	43	13318	5.38	ug/L	95
15) Methyl Acetate	2.47	43	38643	8.59	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	38992	9.15	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	6651478	1343.51	ug/L	98
34) Trichloroethene	5.96	95	1393235	308.60	ug/L	99

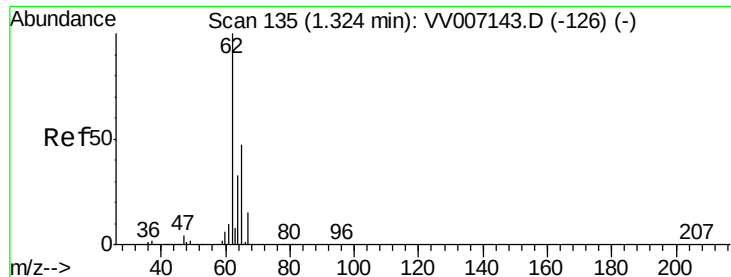
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 849.37 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007159.D

Acq: 23 Aug 2018 23:27

Instrument :

MSVOA_V

ClientSampleId :

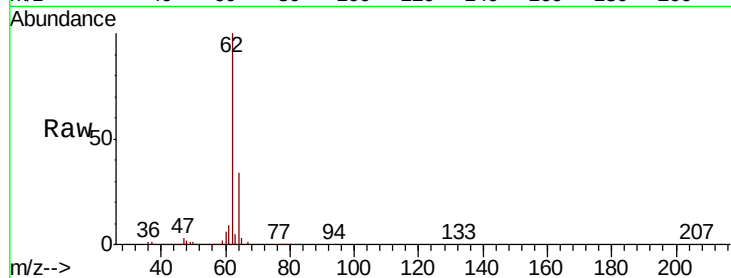
ETBK9

Tot Ion: 62 Resp: 4760109

Ion Ratio Lower Upper

62 100

64 33.6 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV007143.D (-126) (-)

Ion 64.00 (63.70 to 64.70): VV007143.D (-126) (-)

1.32

4000000

3000000

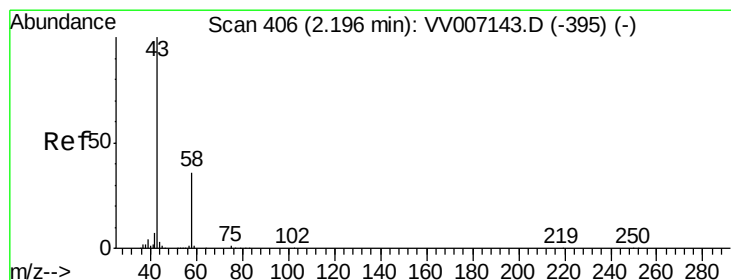
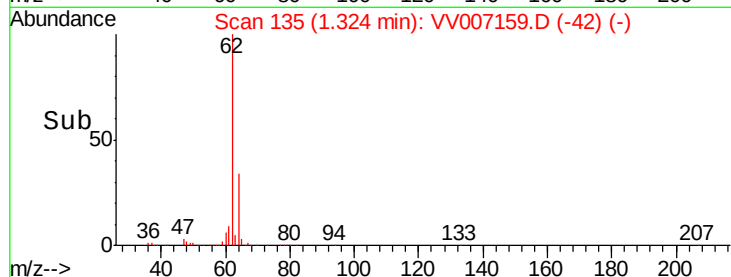
2000000

1000000

0

Time-->

1.20 1.30 1.40 1.50 1.60



#13

Acetone

Concen: 5.38 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.01 min

Lab File: VV007159.D

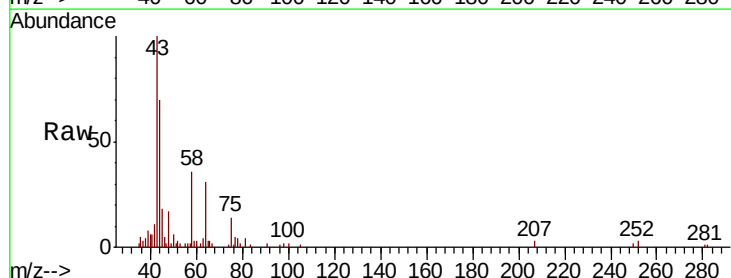
Acq: 23 Aug 2018 23:27

Tgt Ion: 43 Resp: 13318

Ion Ratio Lower Upper

43 100

58 39.2 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV007143.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007143.D (-395) (-)

2.20

10000

8000

6000

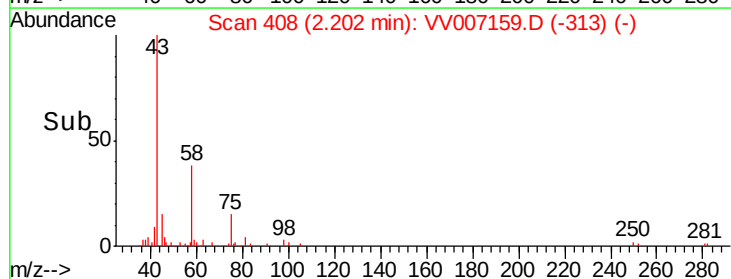
4000

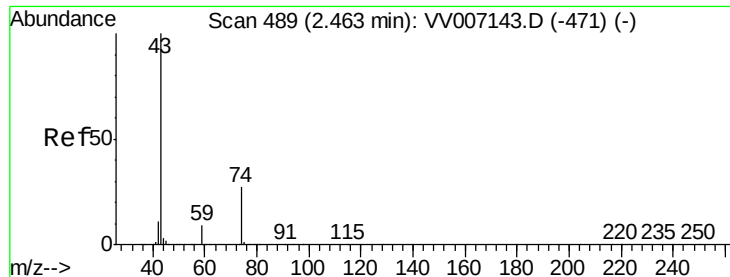
2000

0

Time-->

2.15 2.20 2.25

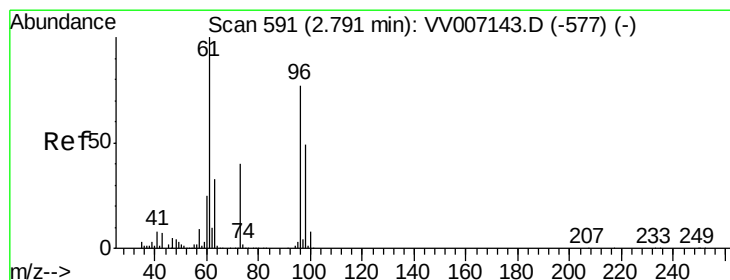
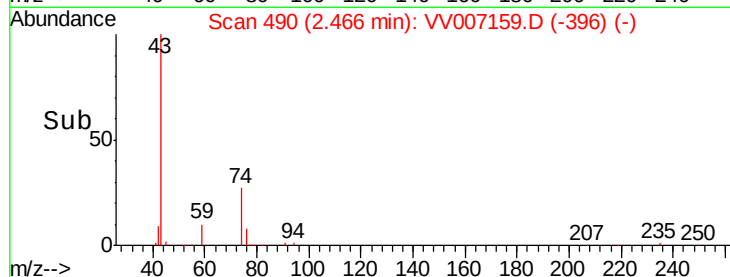
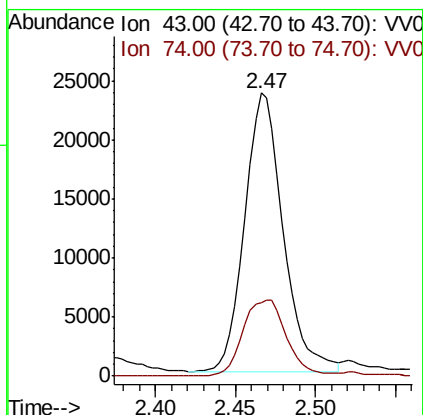
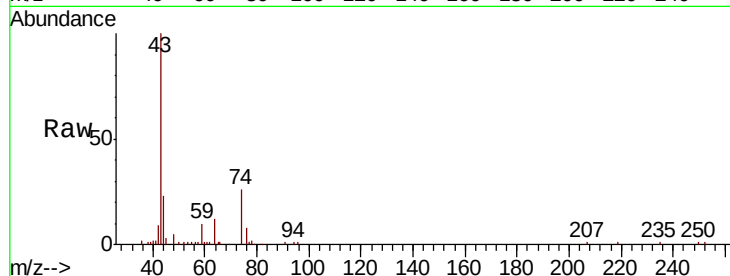




#15
Methvl Acetate
Concen: 8.59 ug/L
RT: 2.47 min Scan# 490
Delta R.T. 0.00 min
Lab File: VV007159.D
Acq: 23 Aug 2018 23:27

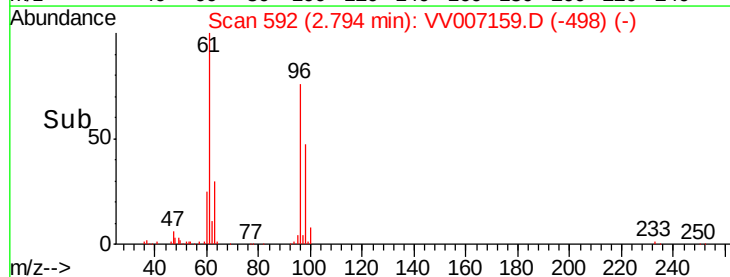
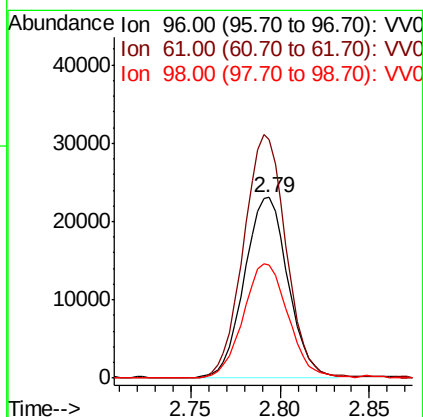
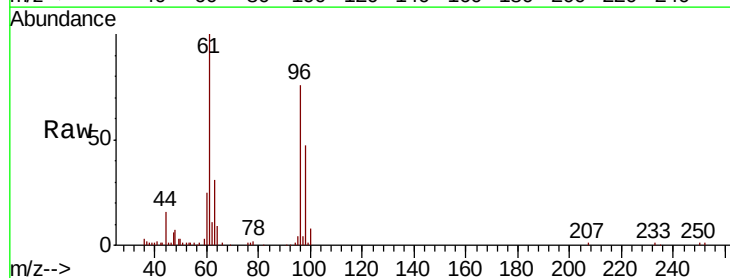
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MSVOA_V
ClientSampled :
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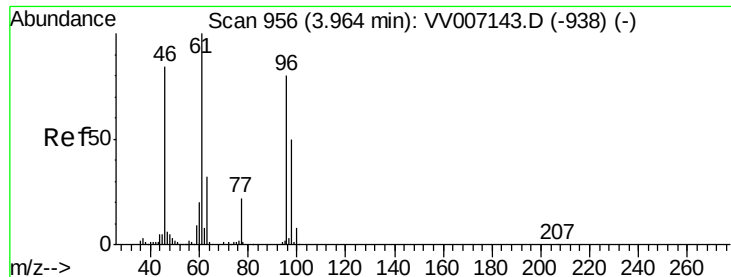
Tot Ion: 43 Resp: 38643
Ion Ratio Lower Upper
43 100
74 30.9 22.2 33.2



#17
trans-1,2-Dichloroethene
Concen: 9.15 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV007159.D
Acq: 23 Aug 2018 23:27

Tgt Ion: 96 Resp: 38992
Ion Ratio Lower Upper
96 100
61 132.2 89.1 165.5
98 62.4 43.6 81.0



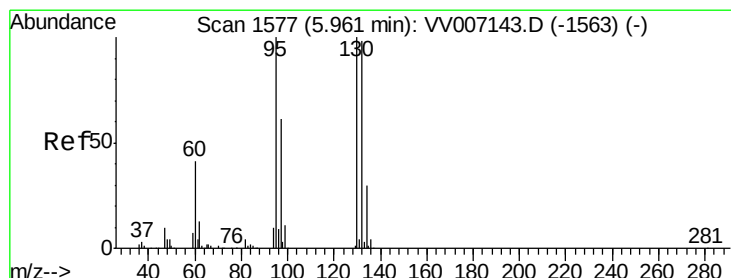
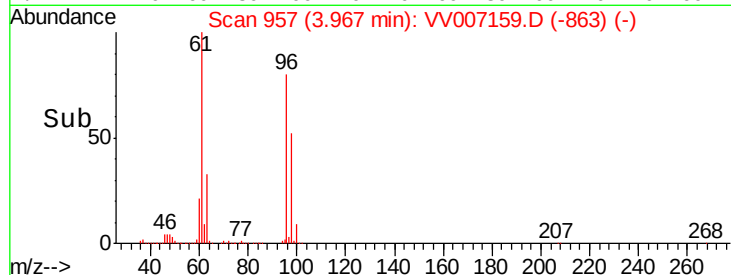
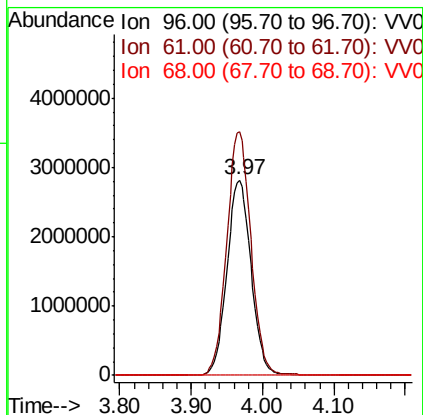
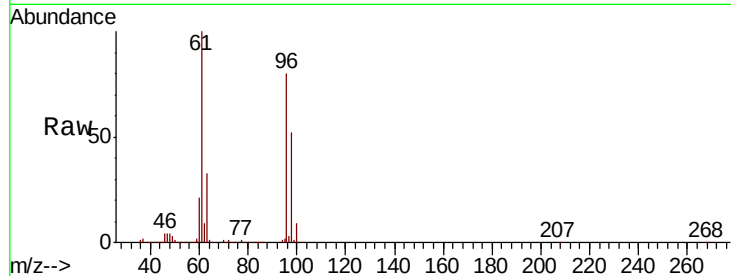


#20

cis-1,2-Dichloroethene
 Concen: 1343.51 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007159.D
 Acq: 23 Aug 2018 23:27

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK9

Tot Ion: 96 Resp: 6651478
 Ion Ratio Lower Upper
 96 100
 61 124.9 89.0 165.4
 68 0.0 0.0 0.0



#34

Trichloroethene
 Concen: 308.60 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007159.D
 Acq: 23 Aug 2018 23:27

Tgt Ion: 95 Resp: 1393235
 Ion Ratio Lower Upper
 95 100
 97 63.9 45.1 83.9
 132 99.6 69.7 129.4
 130 103.8 73.6 136.6

