

Data File : VV008471.D
Acq On : 30 Oct 2018 16:37
Operator : SY/MD
Sample : J5669-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Quant Time: Oct 31 07:17:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	153365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49281	58.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.08%
7) Chloroethane-d5	1.56	69	36155	58.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.94%
11) 1,1-Dichloroethene-d2	2.13	63	67195	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
21) 2-Butanone-d5	3.93	46	91199	98.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	4.40	84	113099	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.08	65	78555	56.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.20%
32) Benzene-d6	5.10	84	234553	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.12	67	78163	57.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.14%
41) Toluene-d8	7.36	98	212104	59.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.44%
43) trans-1,3-Dichloropropene-	7.67	79	37549	56.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.86%
47) 2-Hexanone-d5	8.14	63	72722	102.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101076	54.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	71076	59.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.62%

Target Compounds

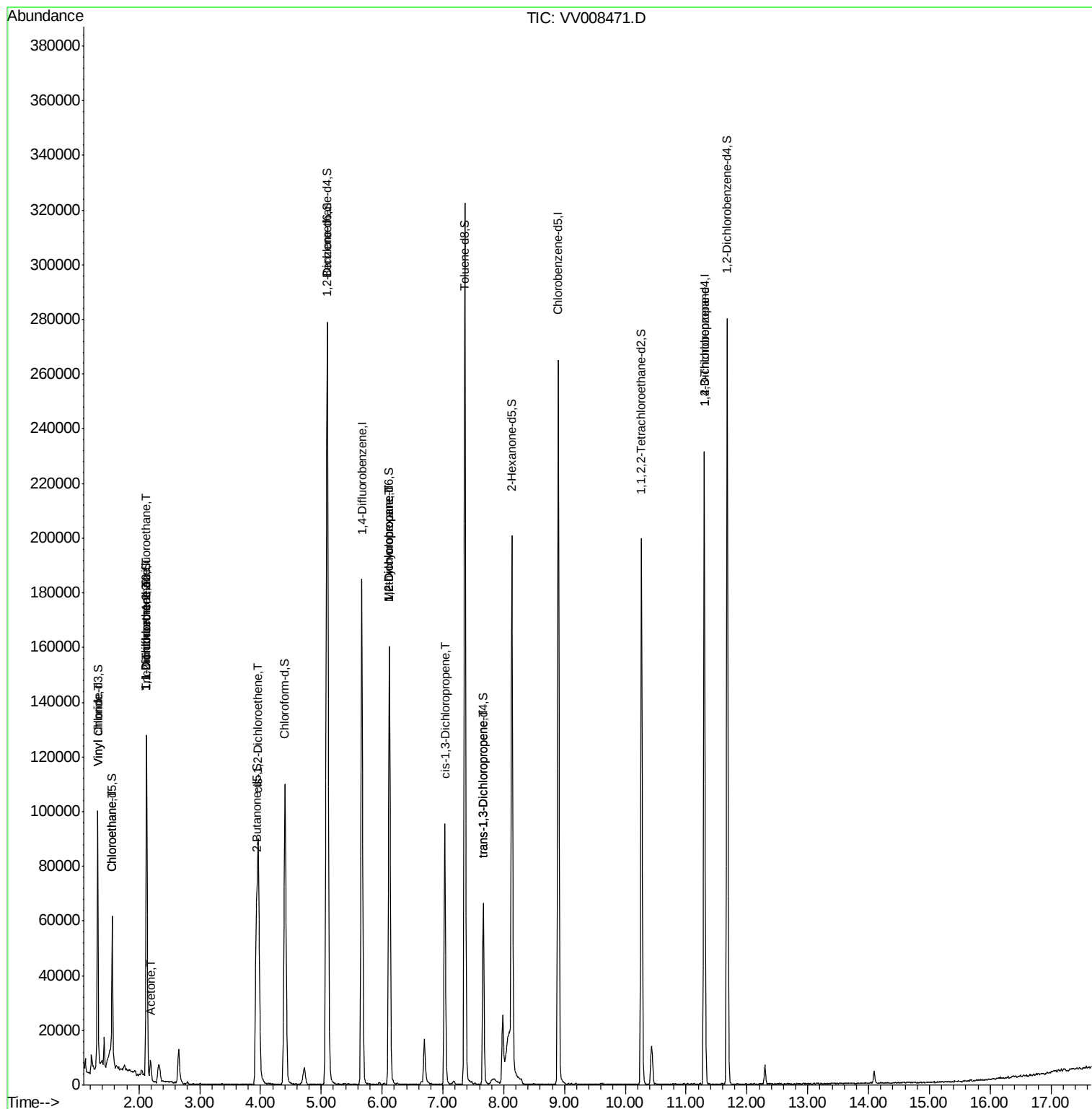
					Qvalue
5) Vinyl chloride	1.33	62	8778	8.075 ug/L #	46
8) Chloroethane	1.56	64	1130	1.979 ug/L #	61
9) Trichlorofluoromethane	2.13	101	541	0.387 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	541	0.740 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	638	0.927 ug/L #	1
13) Acetone	2.19	43	5421	7.569 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	40574	33.953 ug/L	92
35) Methylcyclohexane	6.12	83	17596	9.010 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8697	7.019 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2245	1.152 ug/L #	53
44) trans-1,3-Dichloropropene	7.66	75	1580	0.867 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	7779	5.009 ug/L #	88

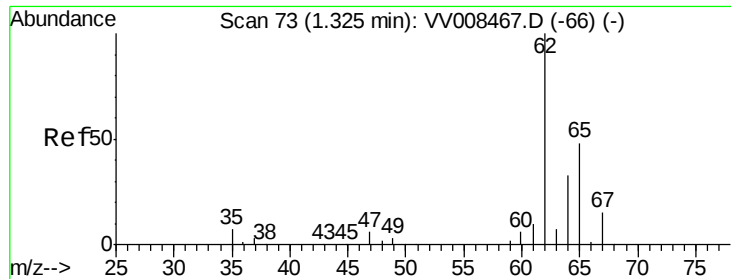
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008471.D
Acq On : 30 Oct 2018 16:37
Operator : SY/MD
Sample : J5669-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR1

Quant Time: Oct 31 07:17:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.075 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008471.D

Acq: 30 Oct 2018 16:37

Instrument :

MSVOA_V

ClientSampled :

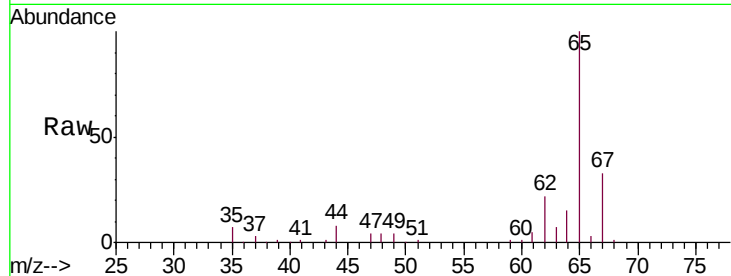
ETBR1

Tgt Ion: 62 Resp: 8778

Ion Ratio Lower Upper

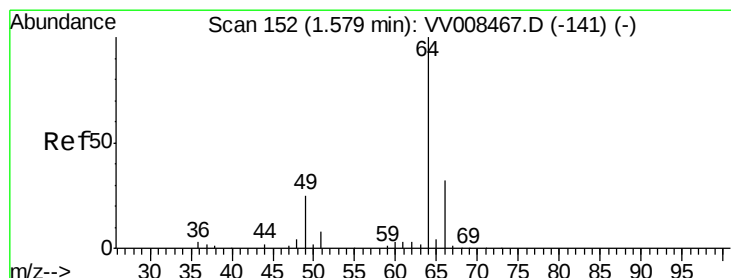
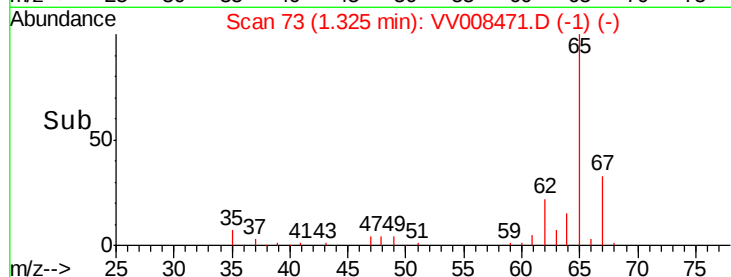
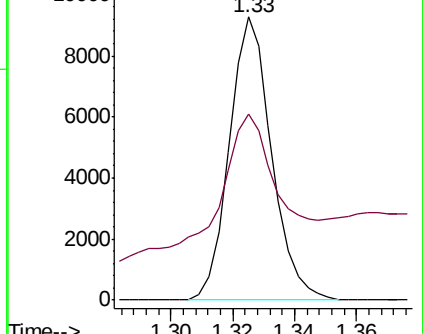
62 100

64 65.9 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 1.979 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.02 min

Lab File: VV008471.D

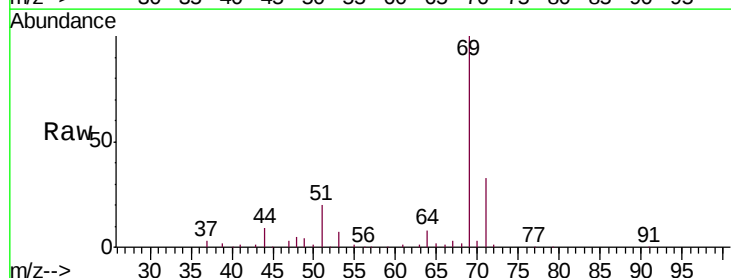
Acq: 30 Oct 2018 16:37

Tgt Ion: 64 Resp: 1130

Ion Ratio Lower Upper

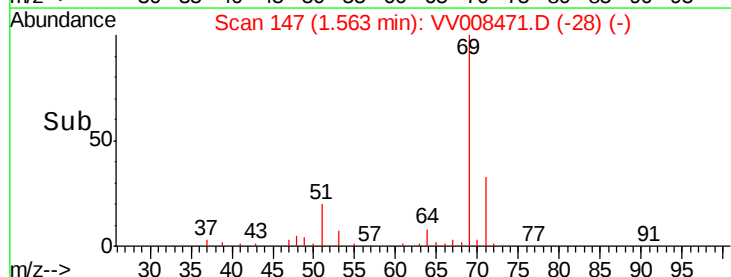
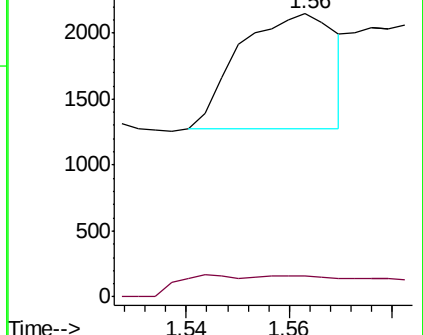
64 100

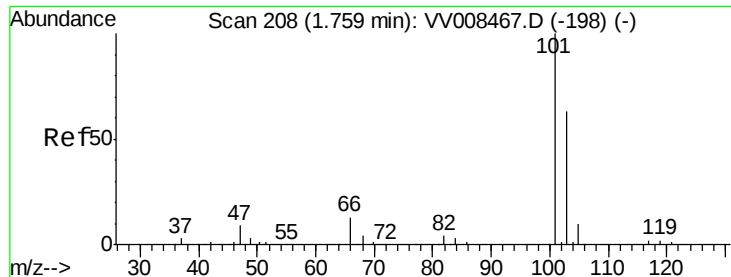
66 7.5 19.9 36.9#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



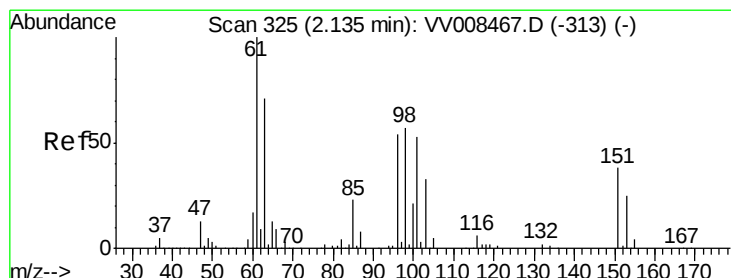
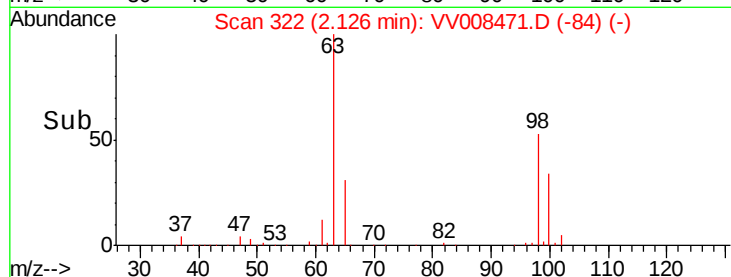
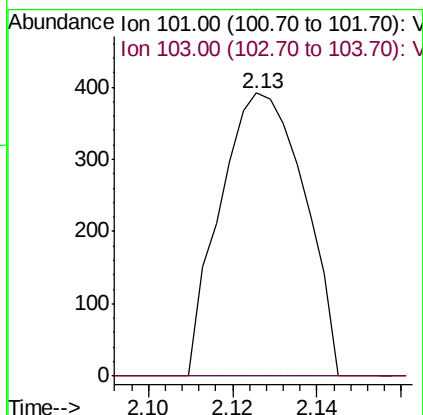
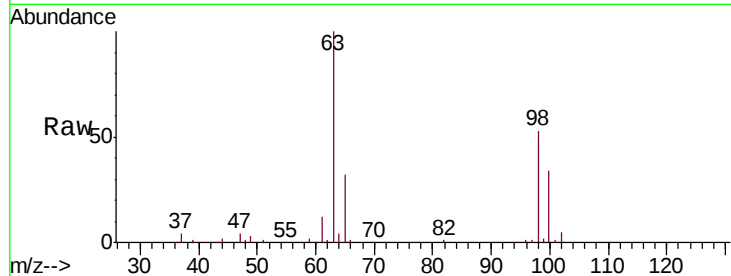


#9

Trichlorofluoromethane
 Concen: 0.387 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.37 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR1

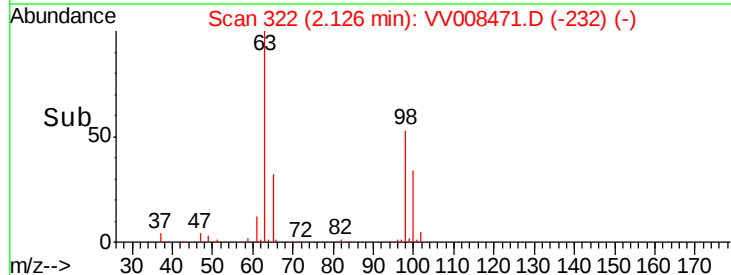
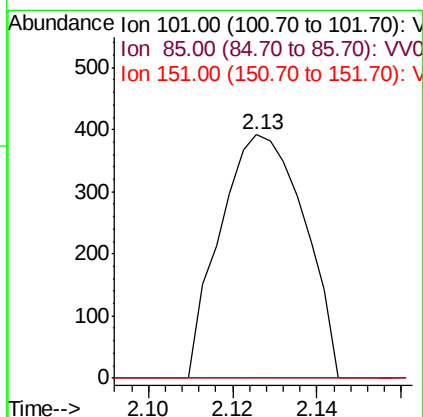
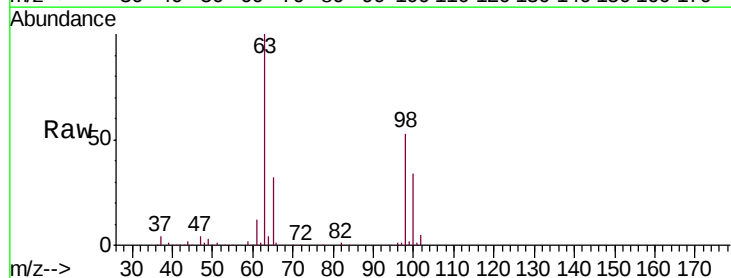
Tgt Ion:101 Resp: 541
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.0 76.6#

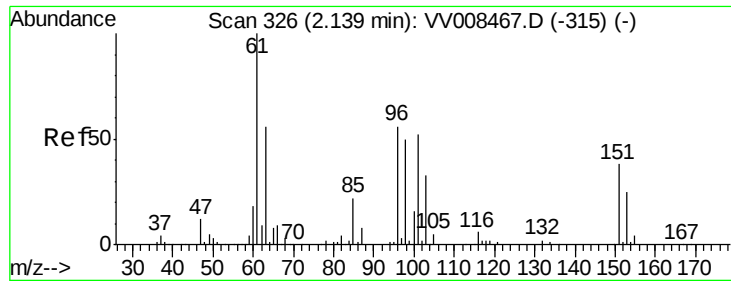


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.740 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

Tgt Ion:101 Resp: 541
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#





#12

1,1-Dichloroethene

Concen: 0.927 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008471.D

Acq: 30 Oct 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :

ETBR1

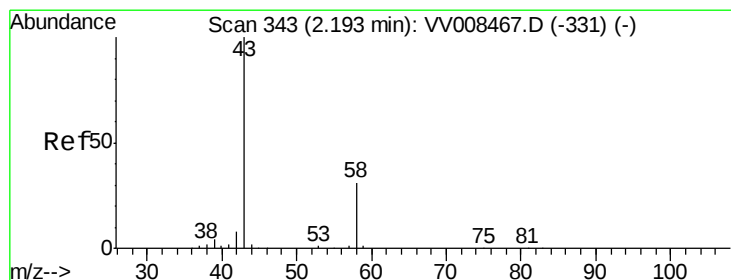
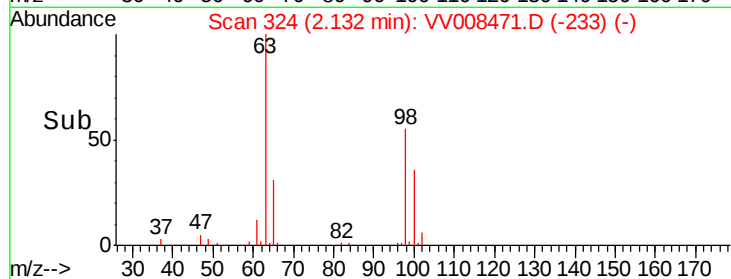
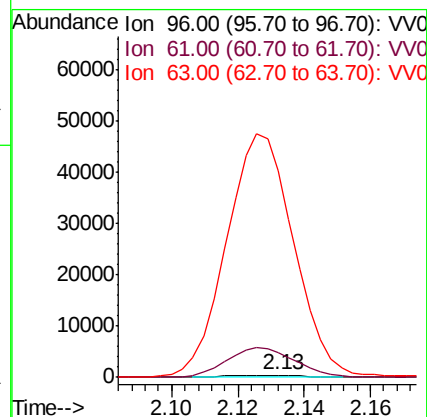
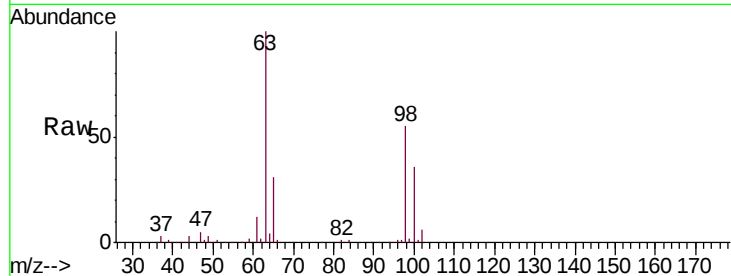
Tgt Ion: 96 Resp: 638

Ion Ratio Lower Upper

96 100

61 1251.3 130.3 242.1#

63 10400.0 84.4 156.8#



#13

Acetone

Concen: 7.569 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008471.D

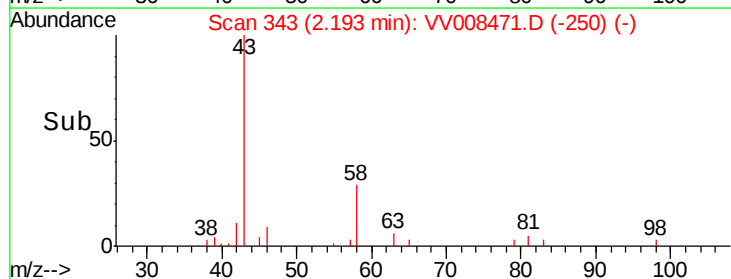
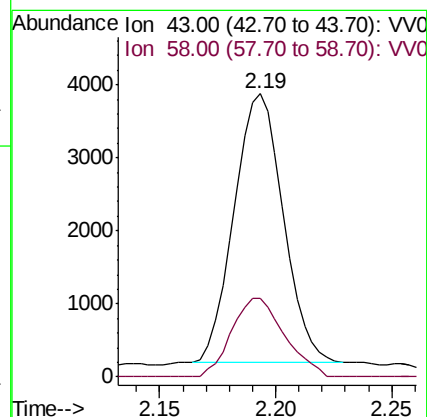
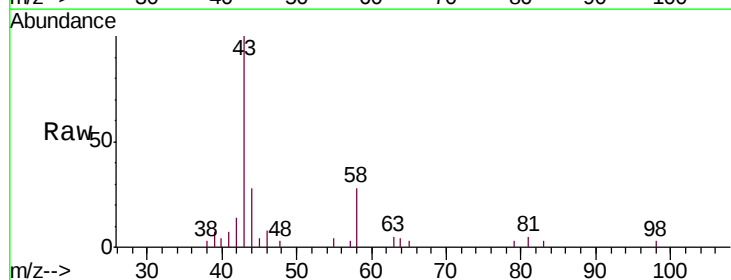
Acq: 30 Oct 2018 16:37

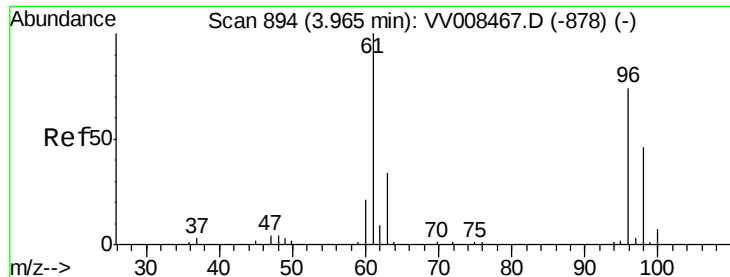
Tgt Ion: 43 Resp: 5421

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.4

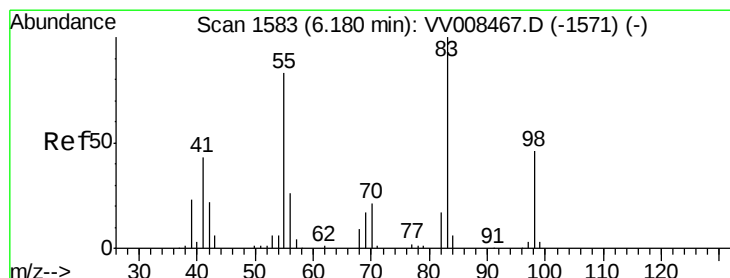
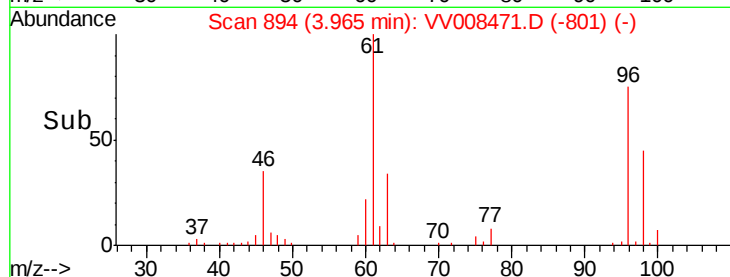
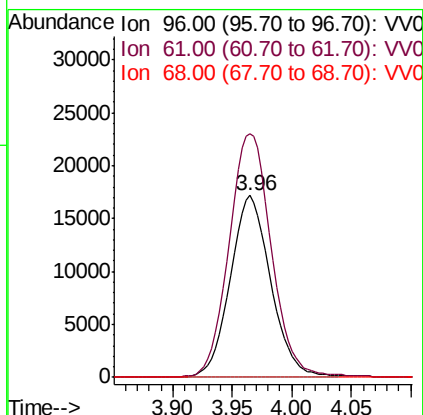
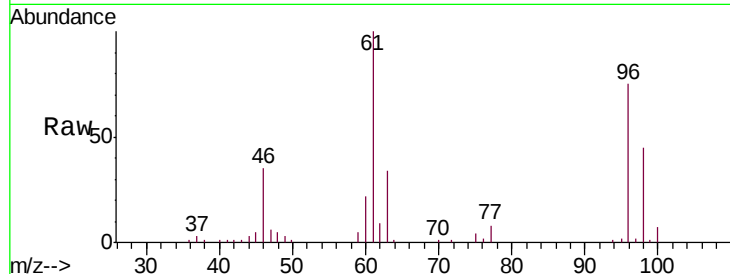




#20
 cis-1,2-Dichloroethene
 Concen: 33.953 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

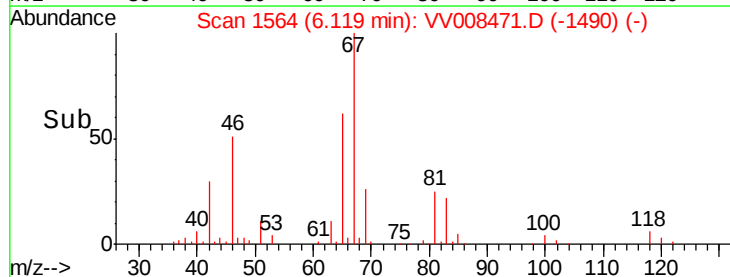
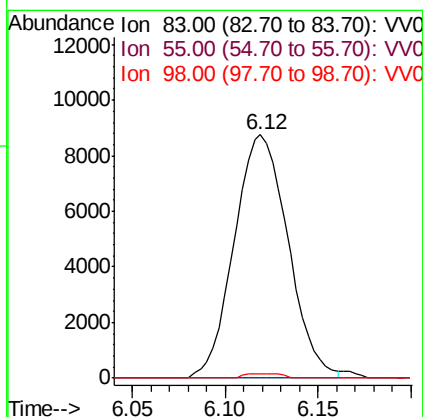
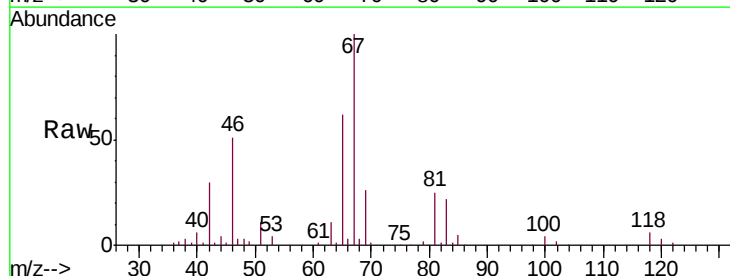
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR1

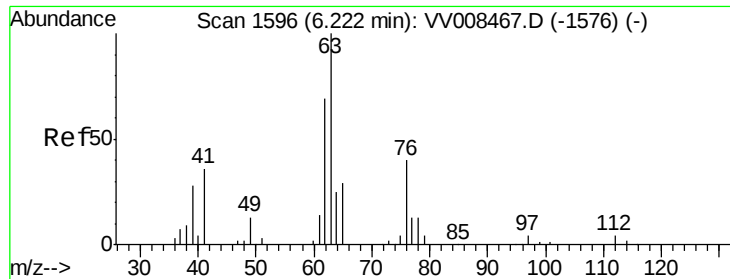
Tgt Ion: 96 Resp: 40574
 Ion Ratio Lower Upper
 96 100
 61 133.8 100.9 187.5
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 9.010 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

Tgt Ion: 83 Resp: 17596
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.0 97.4#
 98 1.3 36.0 54.0#

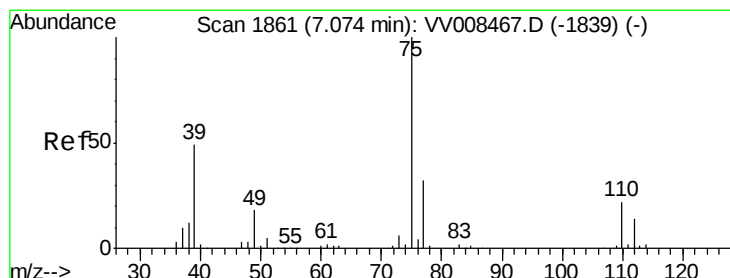
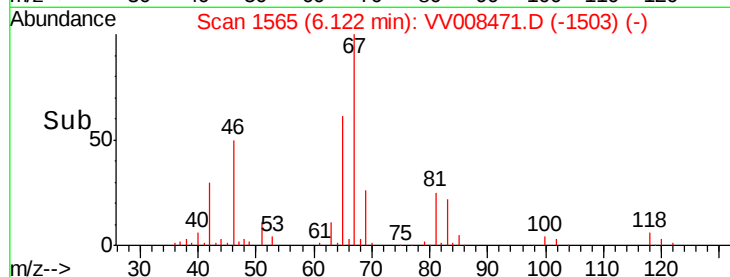
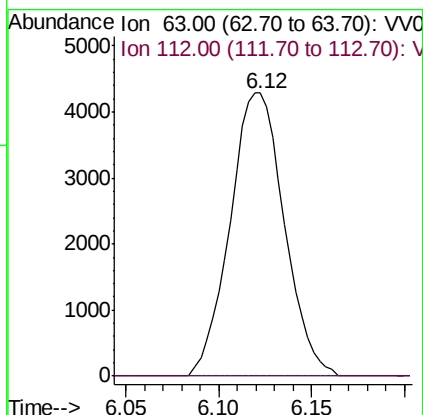
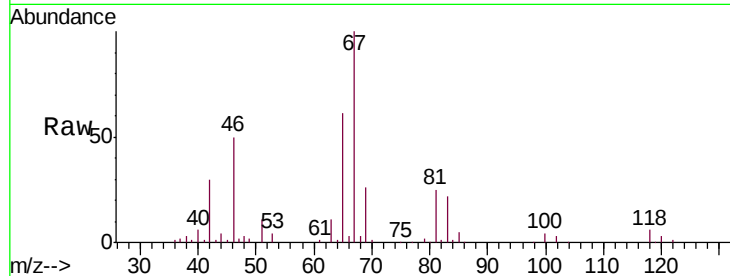




#37
 1,2-Dichloropropane
 Concen: 7.019 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

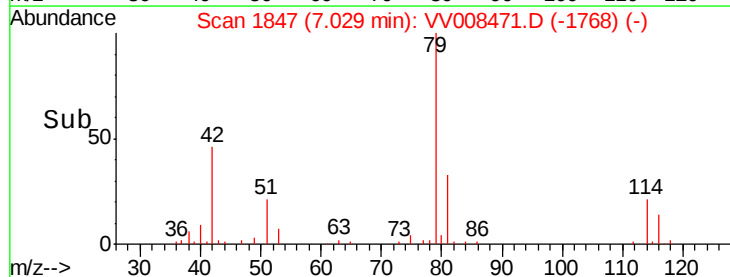
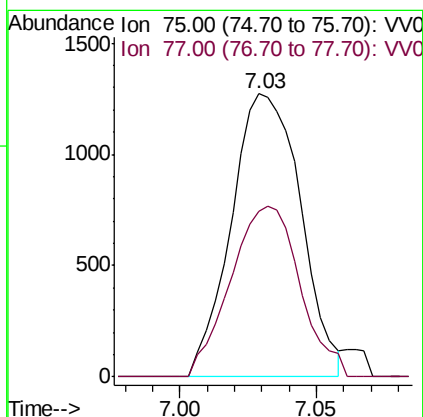
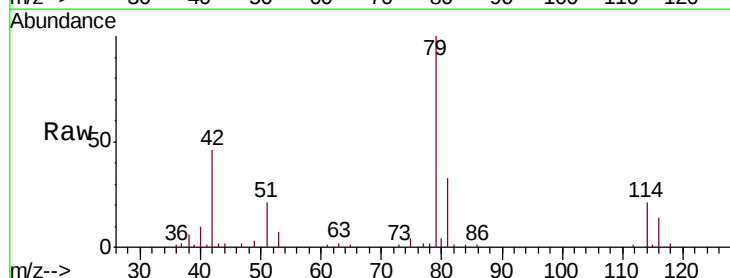
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR1

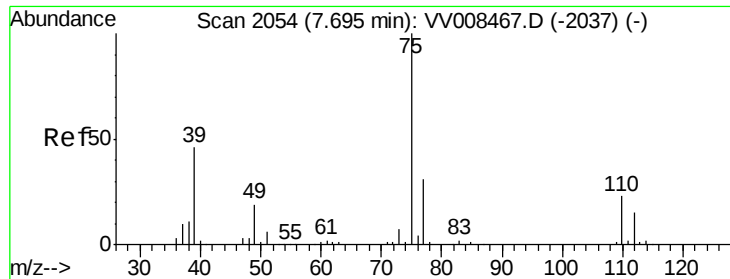
Tgt Ion: 63 Resp: 8697
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.152 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008471.D
 Acq: 30 Oct 2018 16:37

Tgt Ion: 75 Resp: 2245
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008471.D

Acq: 30 Oct 2018 16:37

Instrument :

MSVOA_V

ClientSampled :

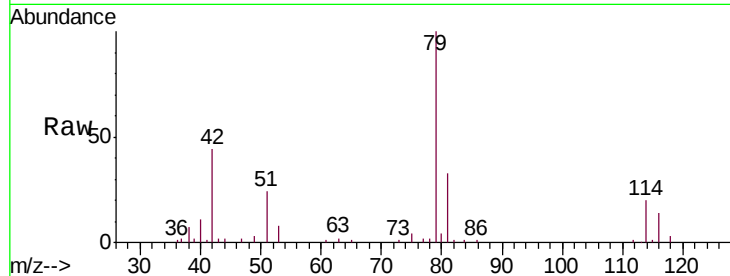
ETBR1

Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

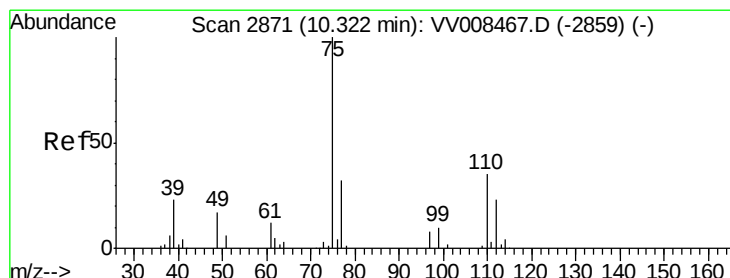
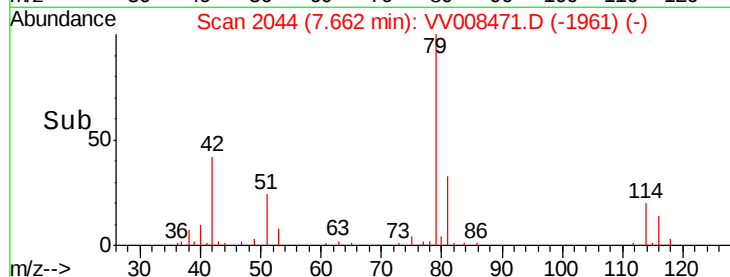
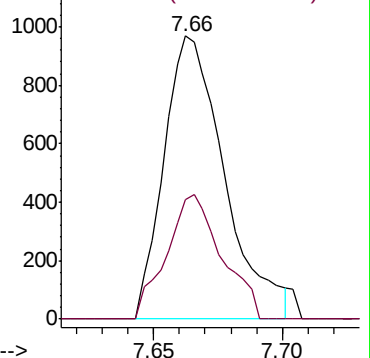
75 100

77 42.4 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.009 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008471.D

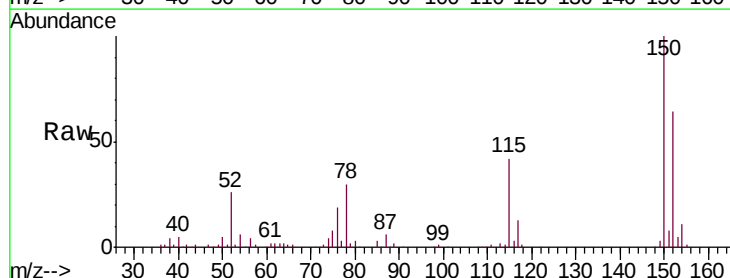
Acq: 30 Oct 2018 16:37

Tgt Ion: 75 Resp: 7779

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

