

Data File : VV008447.D
Acq On : 29 Oct 2018 12:35
Operator : SY/MD
Sample : J5670-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 30 07:43:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184628	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52071	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.88%
7) Chloroethane-d5	1.57	69	40463	54.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.64%
11) 1,1-Dichloroethene-d2	2.13	63	71657	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	3.93	46	116363	104.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.40	84	129996	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	5.08	65	89809	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.10	84	262733	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
36) 1,2-Dichloropropane-d6	6.12	67	90421	54.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.56%
41) Toluene-d8	7.36	98	235496	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloropropene-	7.66	79	44450	54.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.86%
47) 2-Hexanone-d5	8.13	63	88930	102.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.25%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117924	52.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	79133	55.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.92%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	631	0.375 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	631	0.717 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	633	0.764 ug/L #	1
33) Benzene	5.10	78	2095	0.381 ug/L	100
35) Methylcyclohexane	6.12	83	20442	8.532 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9712	6.389 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2667	1.116 ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	1790	0.801 ug/L	94
48) 2-Hexanone	8.13	43	9873	5.684 ug/L #	66
59) 1,2,3-Trichloropropane	11.30	75	9004	4.726 ug/L	90

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

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ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

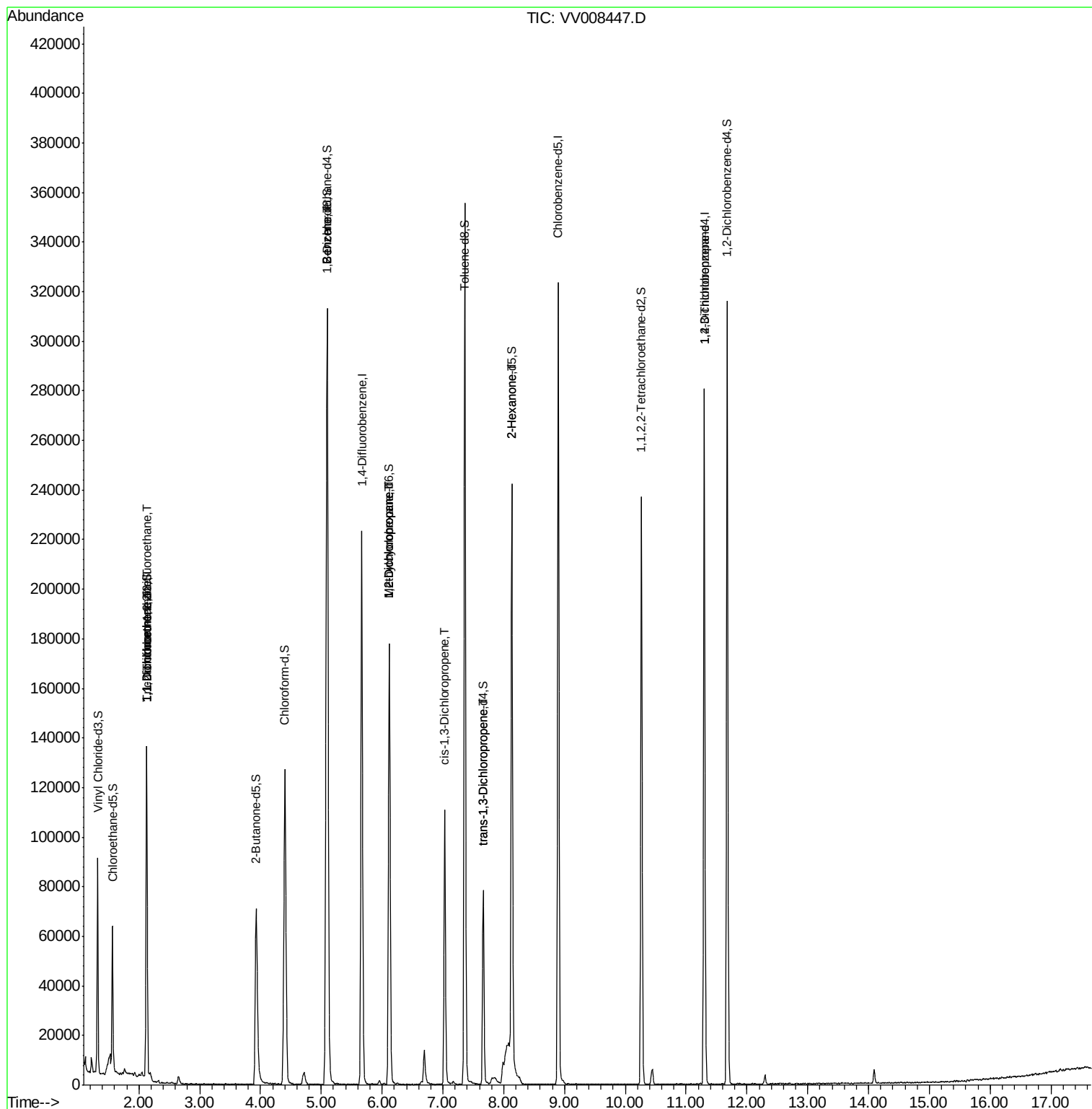
Quant Time: Oct 30 07:43:24 2018

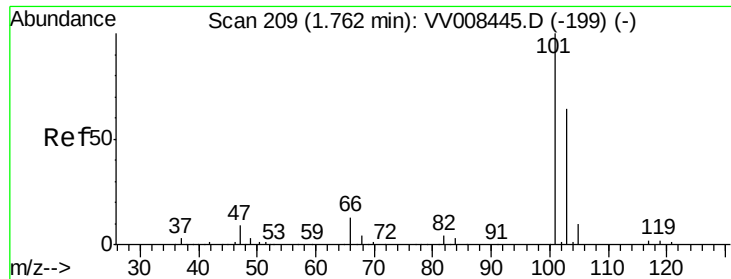
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Quant Title : VOC Analysis

QLast Update : Tue Oct 30 07:40:49 2018

Response via : Initial Calibration



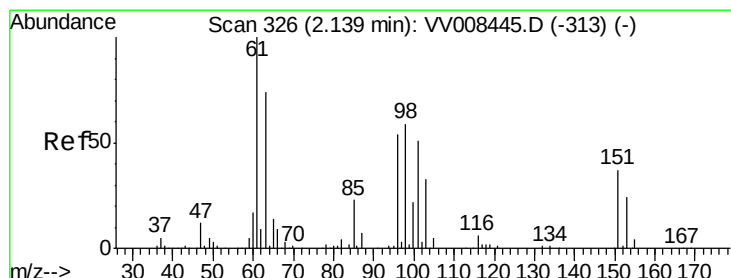
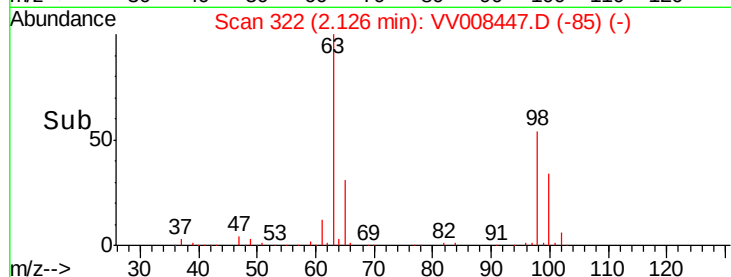
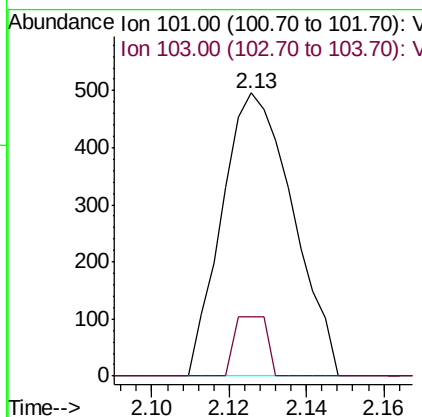
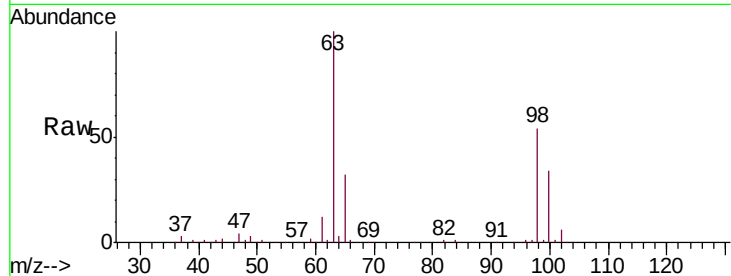


#9

Trichlorofluoromethane
 Concen: 0.375 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

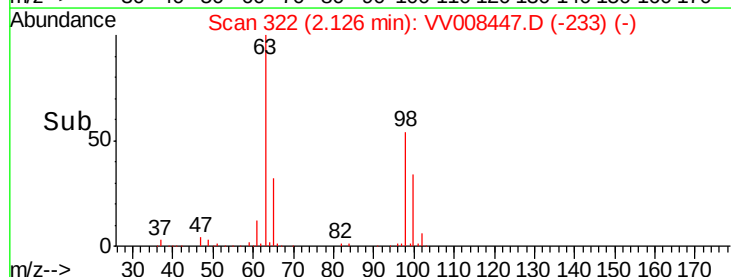
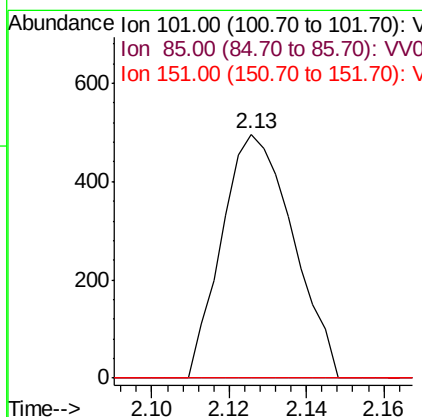
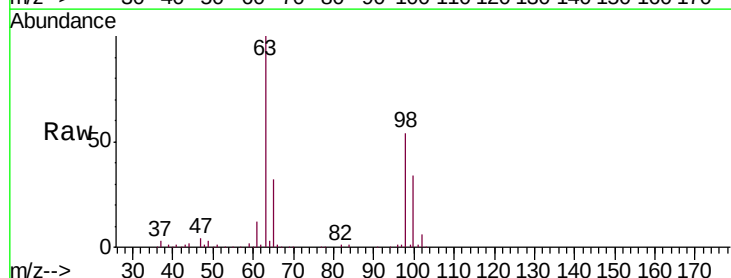
Tgt Ion:101 Resp: 631
 Ion Ratio Lower Upper
 101 100
 103 9.5 51.0 76.6#

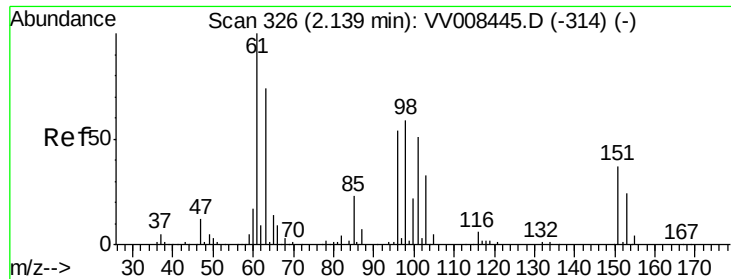


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.717 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:101 Resp: 631
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#

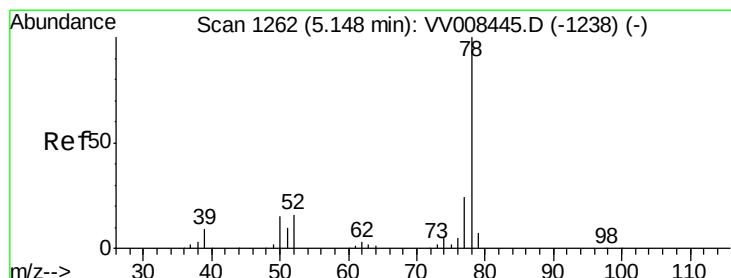
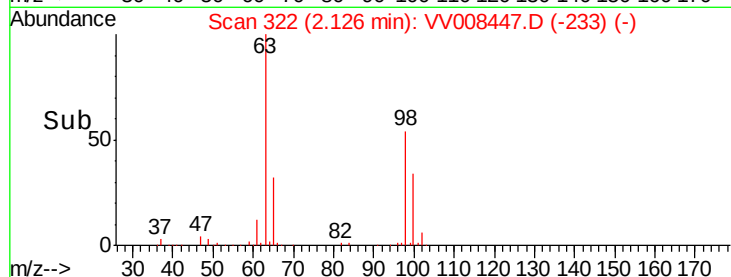
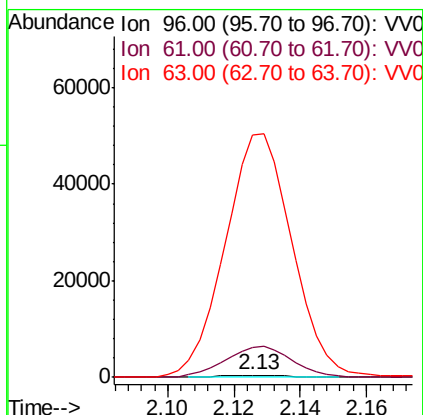
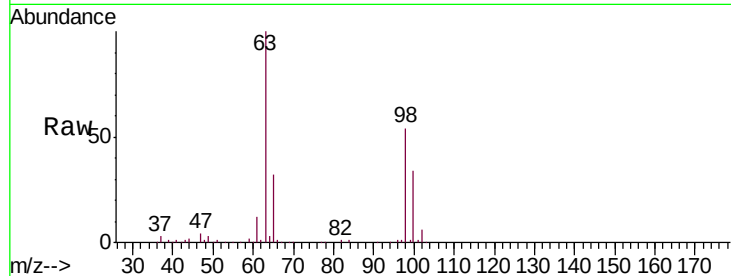




#12
 1,1-Dichloroethene
 Concen: 0.764 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

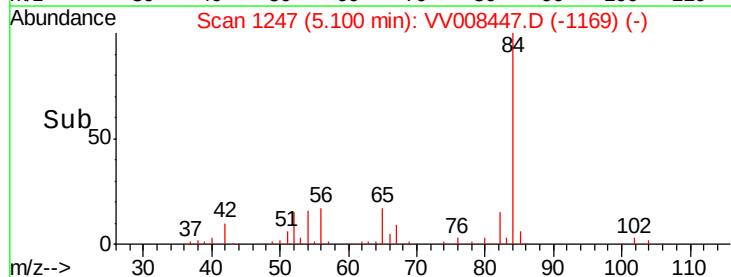
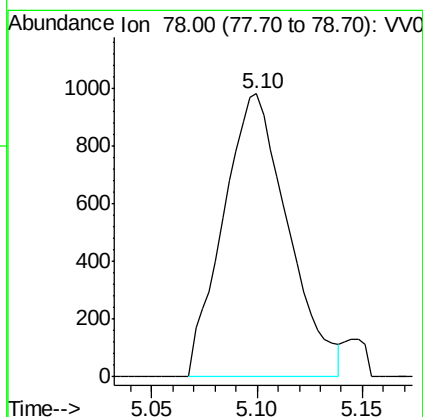
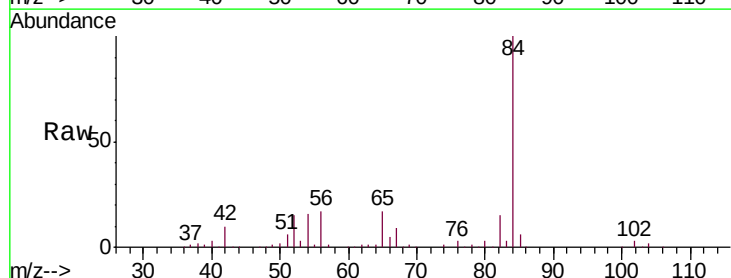
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

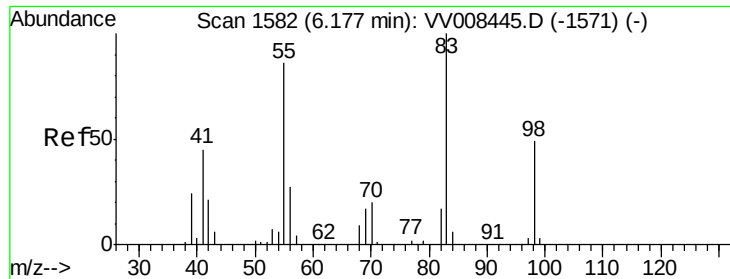
Tgt Ion: 96 Resp: 633
 Ion Ratio Lower Upper
 96 100
 61 1405.8 130.3 242.1#
 63 11259.1 84.4 156.8#



#33
 Benzene
 Concen: 0.381 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

Tgt Ion: 78 Resp: 2095

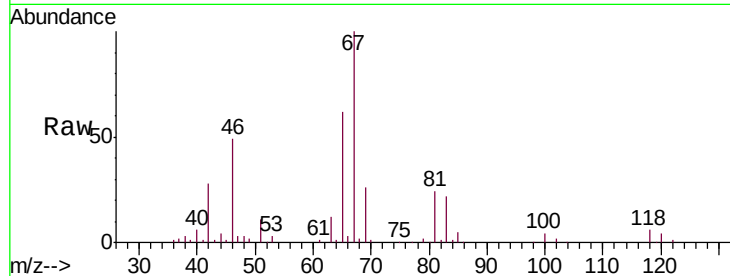




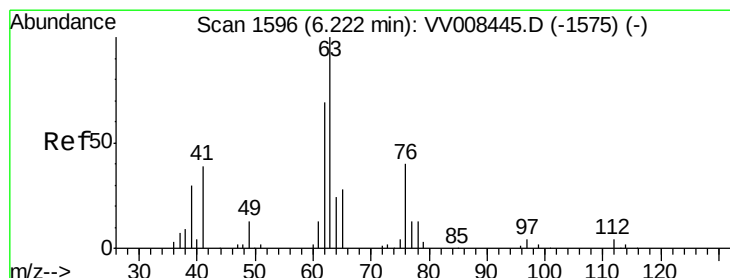
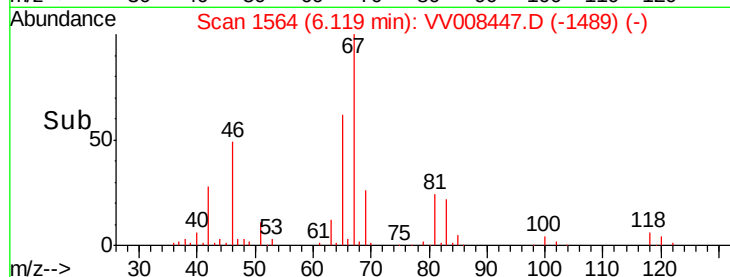
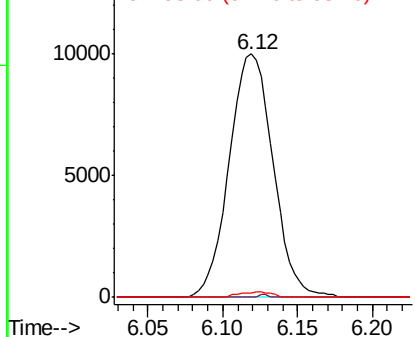
#35
Methylcyclohexane
Concen: 8.532 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008447.D
Acq: 29 Oct 2018 12:35

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 20442
Ion Ratio Lower Upper
83 100
55 0.2 65.0 97.4#
98 1.5 36.0 54.0#

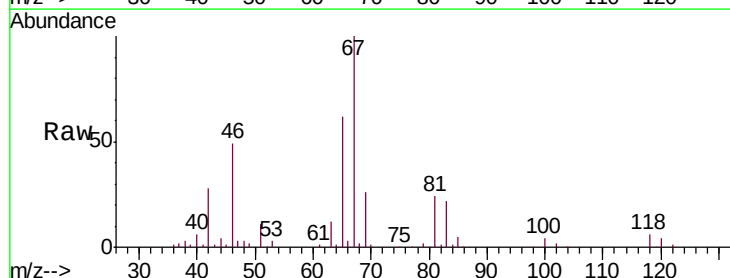


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

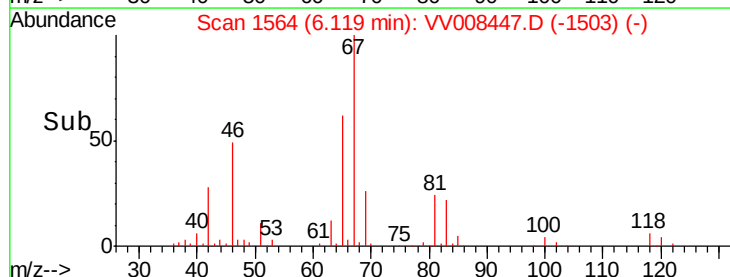
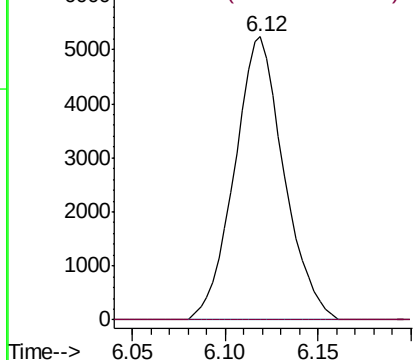


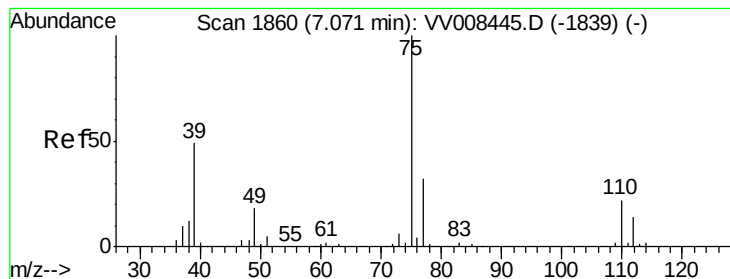
#37
1,2-Dichloropropane
Concen: 6.389 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008447.D
Acq: 29 Oct 2018 12:35

Tgt Ion: 63 Resp: 9712
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.116 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV008447.D

Acq: 29 Oct 2018 12:35

Instrument :

MSVOA_V

ClientSampleId :

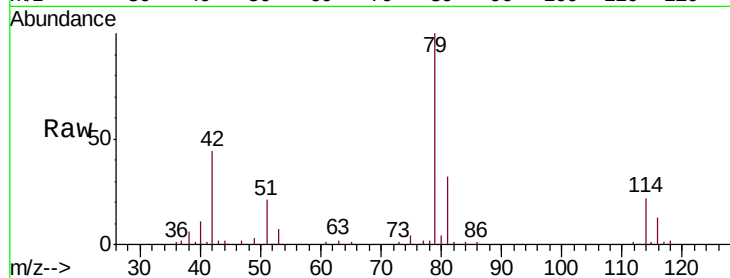
VHBLK01

Tgt Ion: 75 Resp: 2667

Ion Ratio Lower Upper

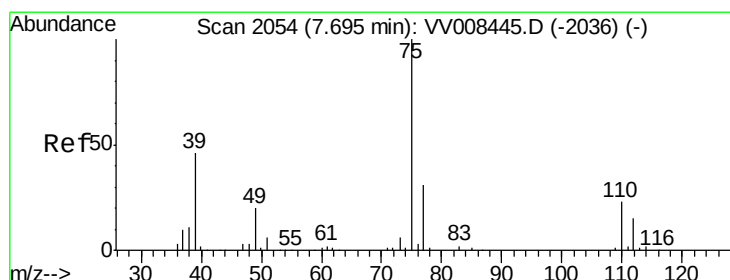
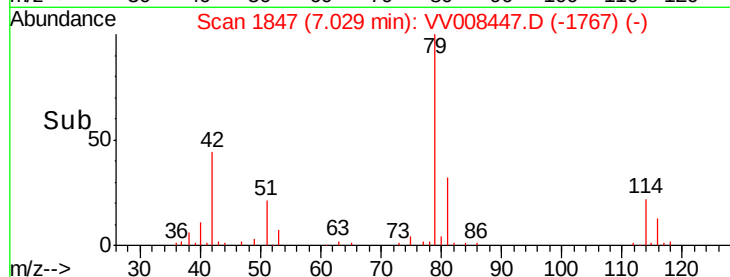
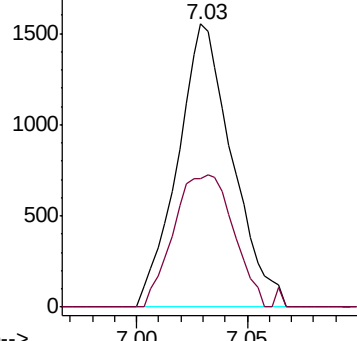
75 100

77 45.4 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008447.D

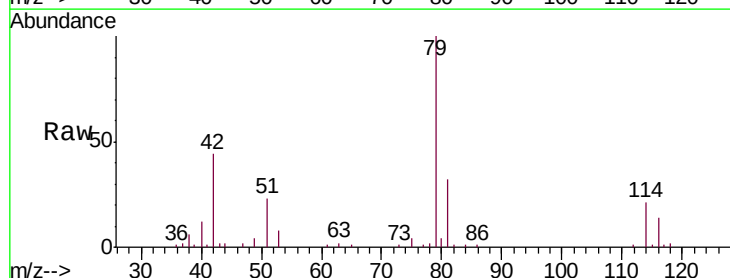
Acq: 29 Oct 2018 12:35

Tgt Ion: 75 Resp: 1790

Ion Ratio Lower Upper

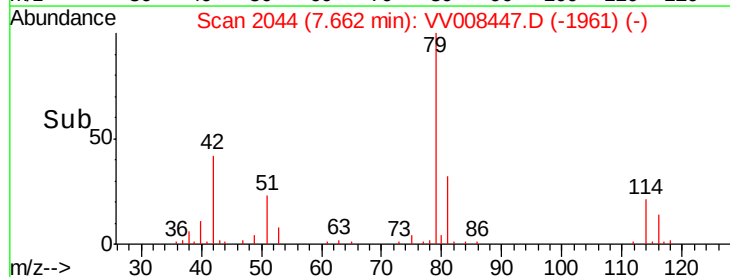
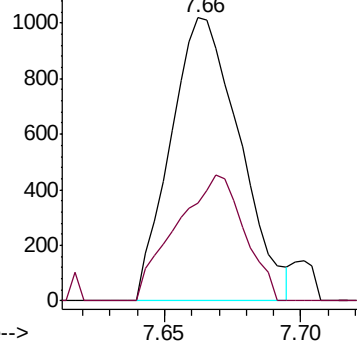
75 100

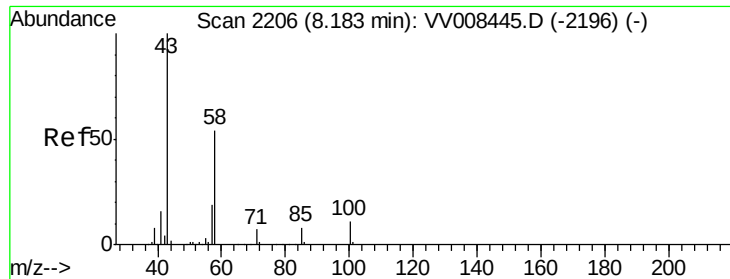
77 34.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

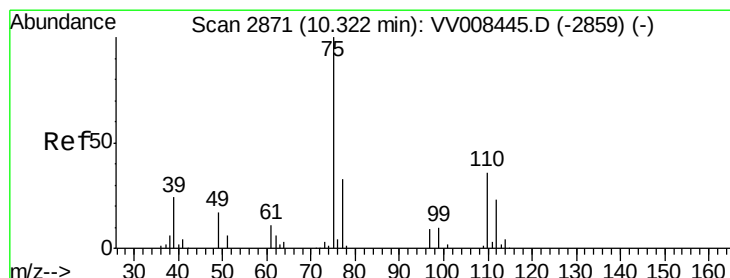
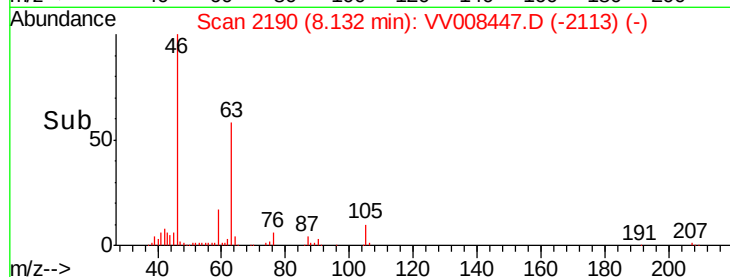
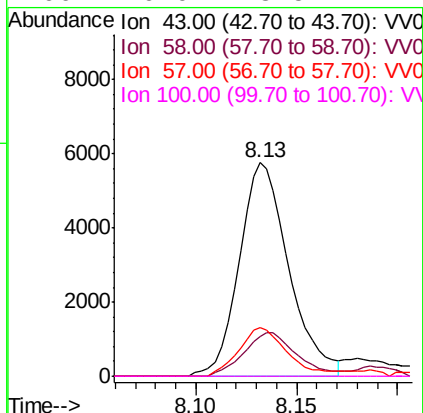
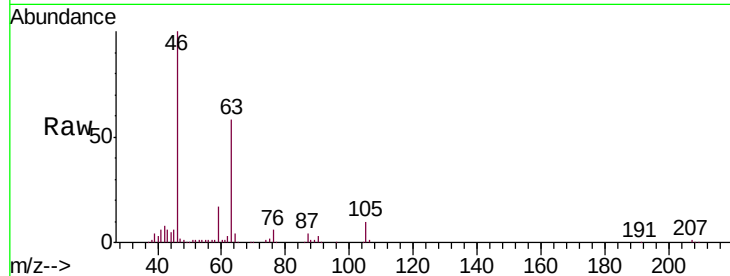




#48
 2-Hexanone
 Concen: 5.684 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 9873
 Ion Ratio Lower Upper
 43 100
 58 22.0 42.6 63.8#
 57 21.9 14.8 22.2
 100 0.0 8.5 12.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.726 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008447.D
 Acq: 29 Oct 2018 12:35

Tgt Ion: 75 Resp: 9004
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.8 38.8

