

Data File : VV008508.D
Acq On : 01 Nov 2018 12:47
Operator : SY/MD
Sample : J5716-14
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 02 07:13:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199745	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75115	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58285	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.56	69	38070	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.68%
11) 1,1-Dichloroethene-d2	2.13	63	72760	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	3.94	46	120494	98.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.41	84	129244	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.09	65	91109	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
32) Benzene-d6	5.10	84	264211	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.12	67	89843	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.72%
41) Toluene-d8	7.36	98	237341	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.67	79	43500	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.14	63	90083	97.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	123920	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	80588	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	603	0.360 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	603	0.673 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	598	0.724 ug/L #	1
33) Benzene	5.11	78	2127	0.392 ug/L	100
35) Methylcyclohexane	6.12	83	20539	8.583 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9800	6.502 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2574	1.091 ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1967	0.888 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	9490	4.900 ug/L #	84

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

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ALS Vial      : 8      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

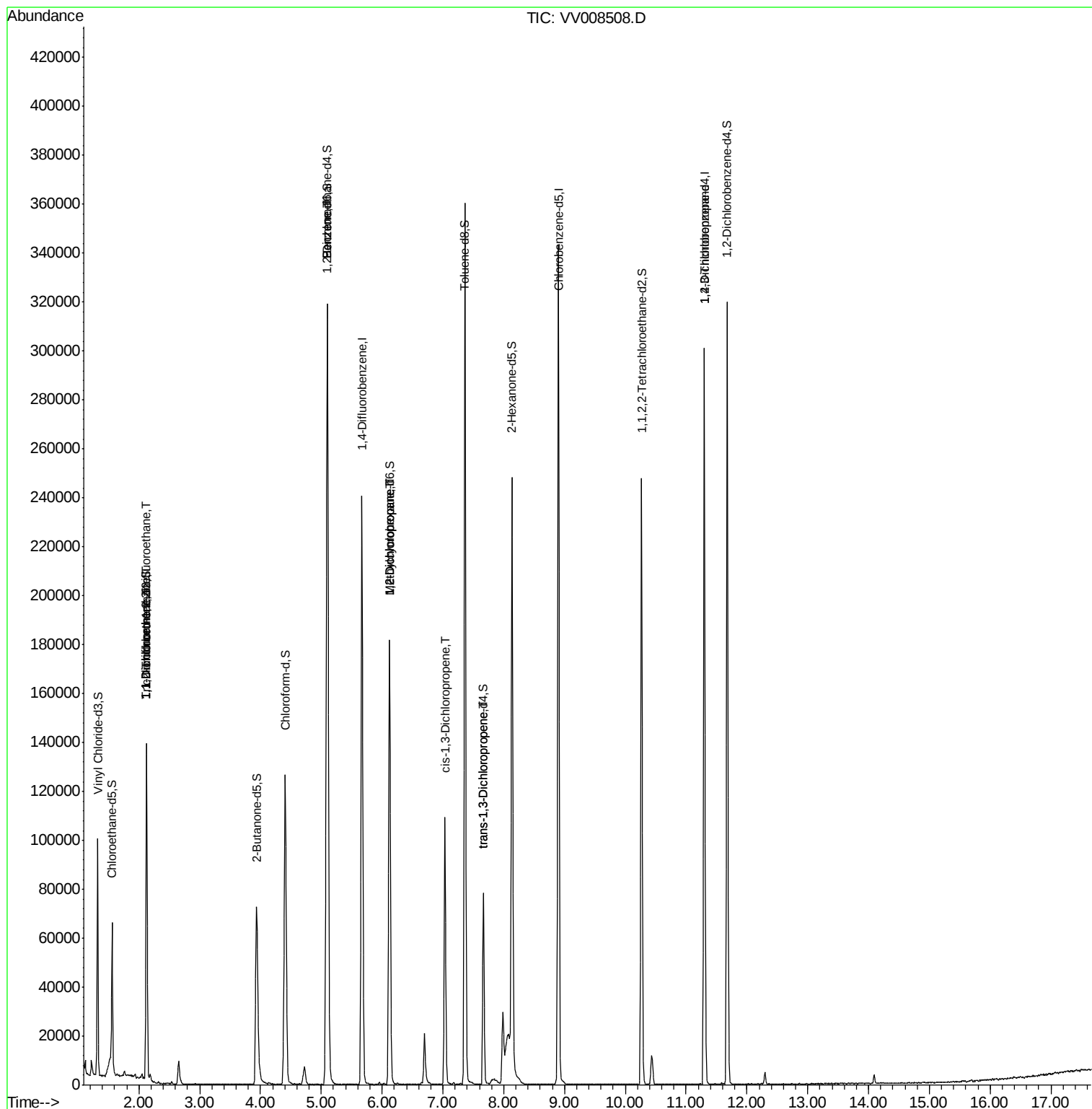
Quant Time: Nov 02 07:13:55 2018

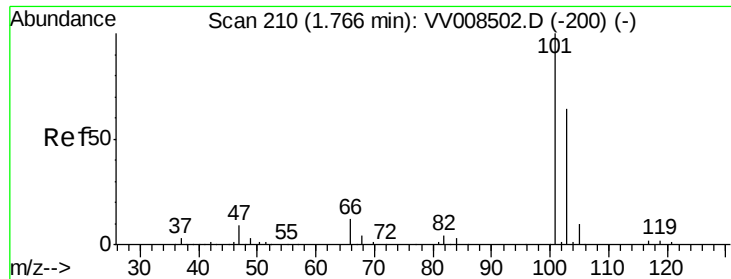
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Quant Title : VOC Analysis

QLast Update : Fri Nov 02 07:10:33 2018

Response via : Initial Calibration



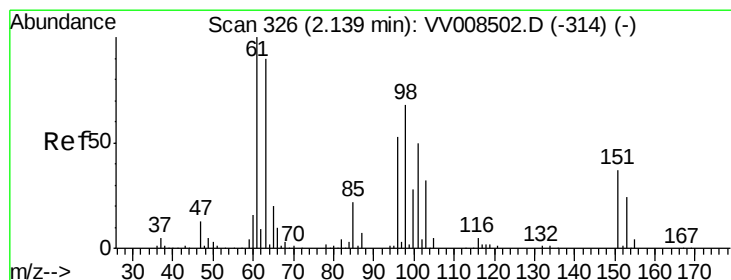
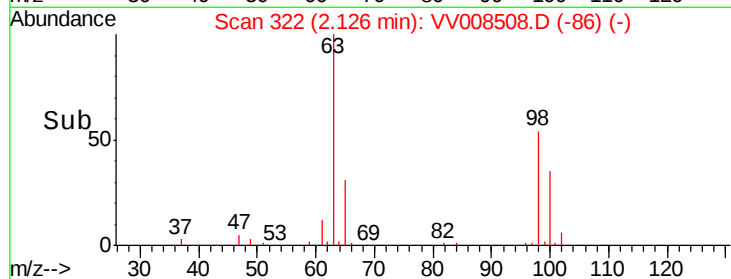
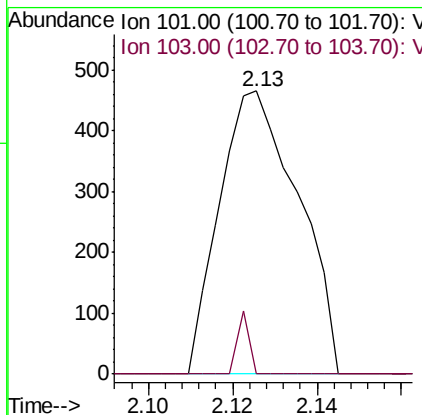
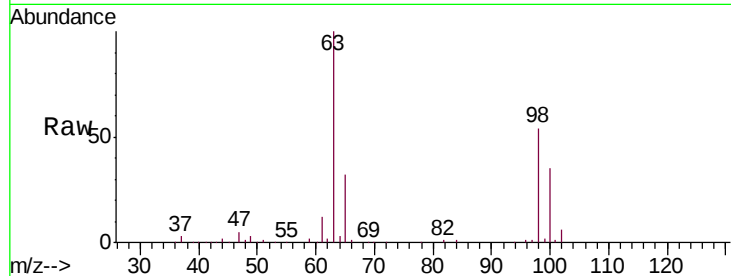


#9

Trichlorofluoromethane
Concen: 0.360 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV008508.D
Acq: 01 Nov 2018 12:47

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

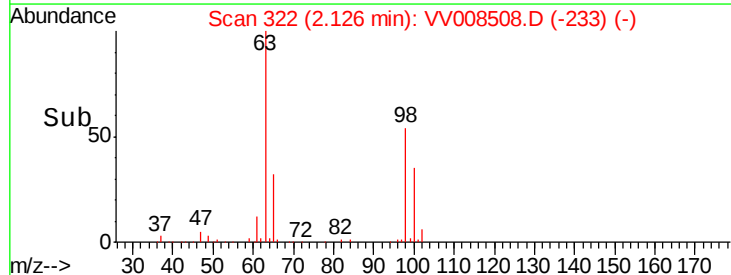
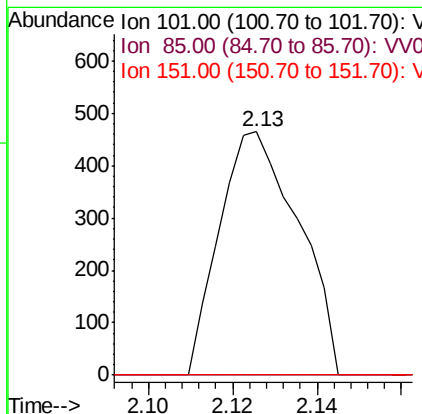
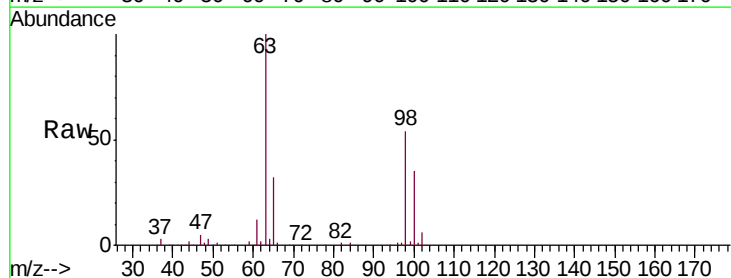
Tgt Ion:101 Resp: 603
Ion Ratio Lower Upper
101 100
103 0.0 51.0 76.6#

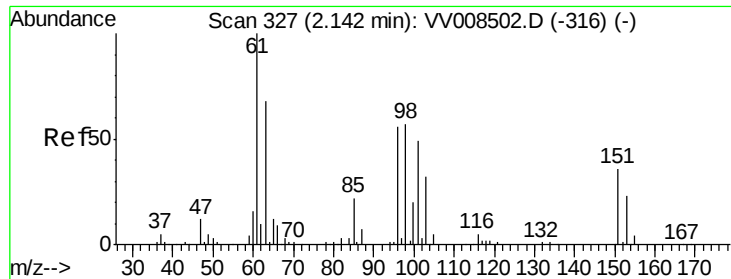


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008508.D
Acq: 01 Nov 2018 12:47

Tgt Ion:101 Resp: 603
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: 0.724 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008508.D

Acq: 01 Nov 2018 12:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

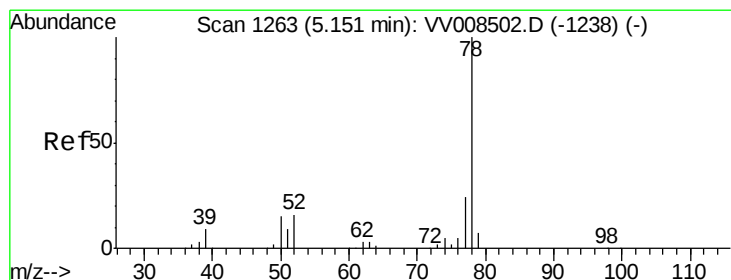
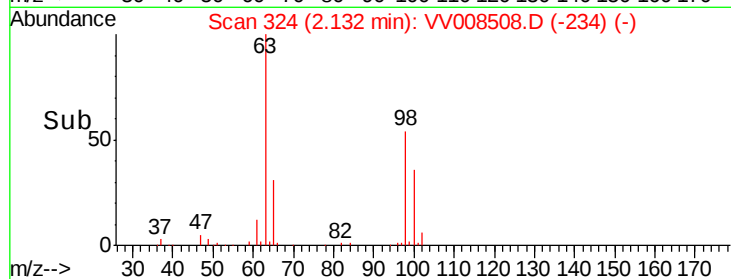
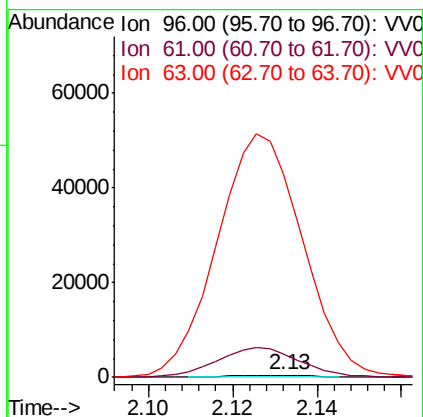
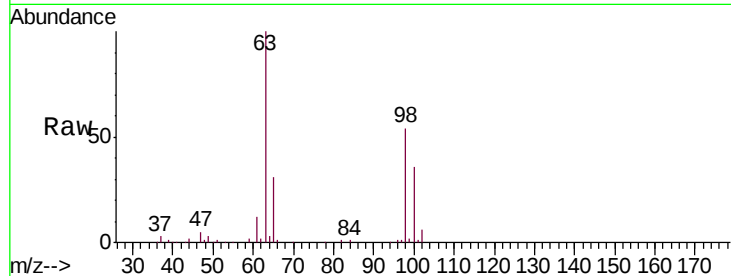
Tgt Ion: 96 Resp: 598

Ion Ratio Lower Upper

96 100

61 1186.1 130.3 242.1#

63 10178.7 84.4 156.8#



#33

Benzene

Concen: 0.392 ug/L

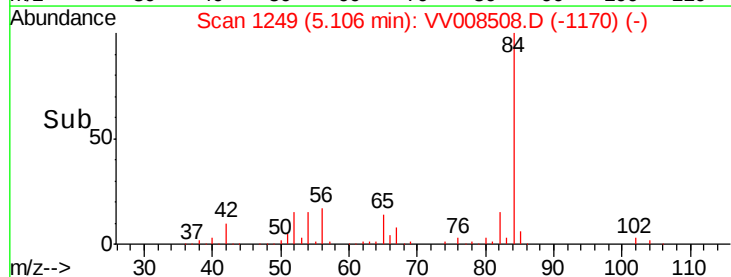
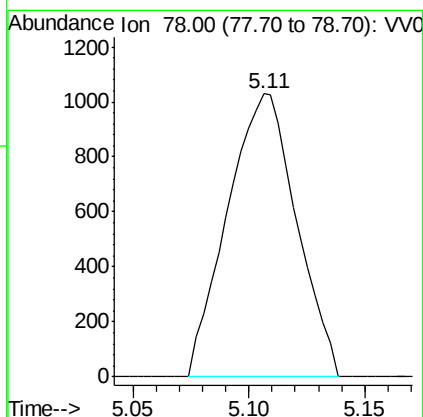
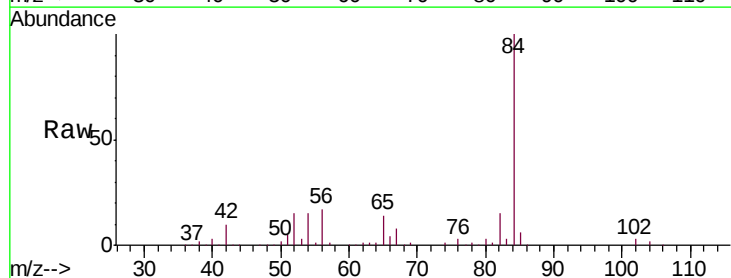
RT: 5.11 min Scan# 1249

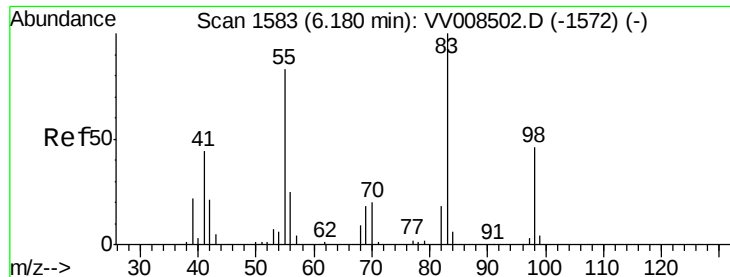
Delta R.T. -0.05 min

Lab File: VV008508.D

Acq: 01 Nov 2018 12:47

Tgt Ion: 78 Resp: 2127

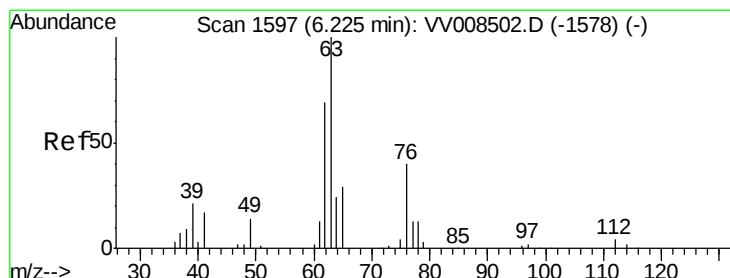
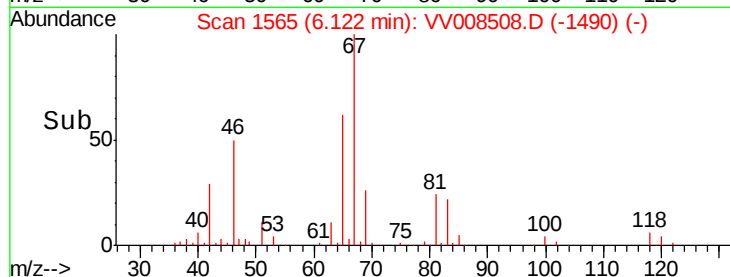
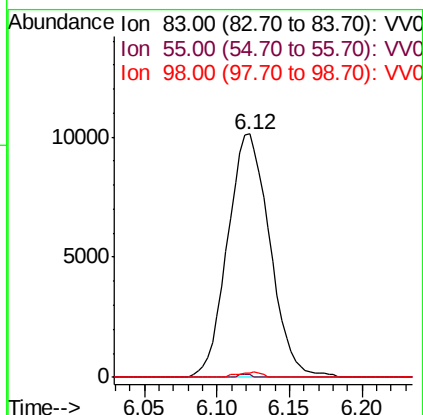
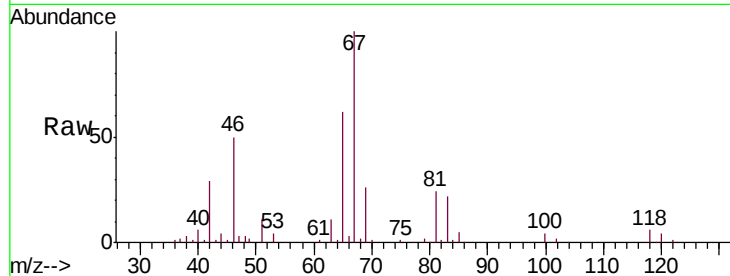




#35
Methylcyclohexane
Concen: 8.583 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008508.D
Acq: 01 Nov 2018 12:47

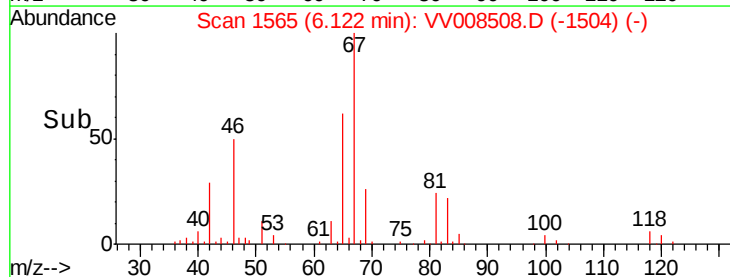
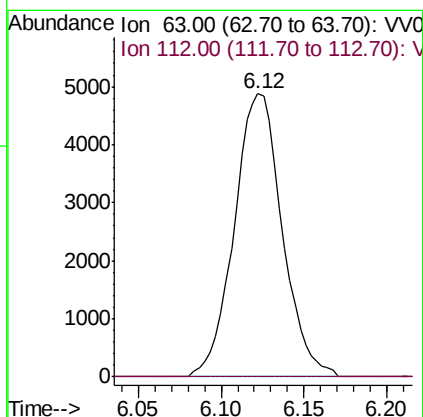
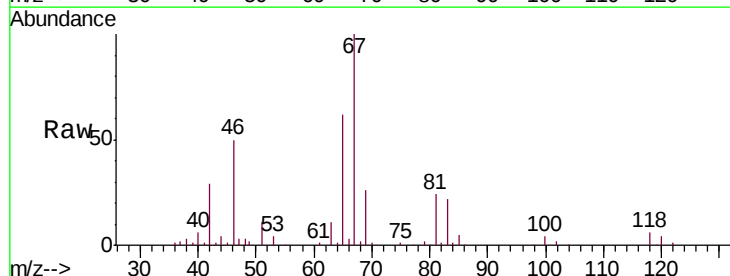
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

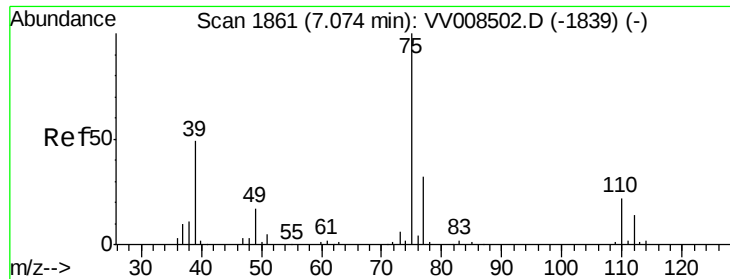
Tgt Ion: 83 Resp: 20539
Ion Ratio Lower Upper
83 100
55 0.3 65.0 97.4#
98 1.1 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 6.502 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008508.D
Acq: 01 Nov 2018 12:47

Tgt Ion: 63 Resp: 9800
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

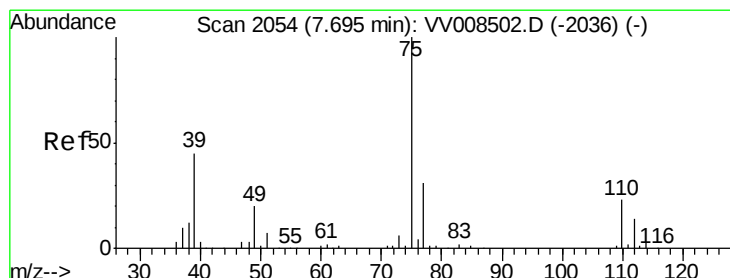
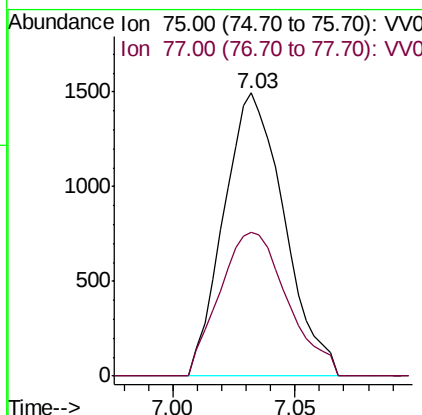
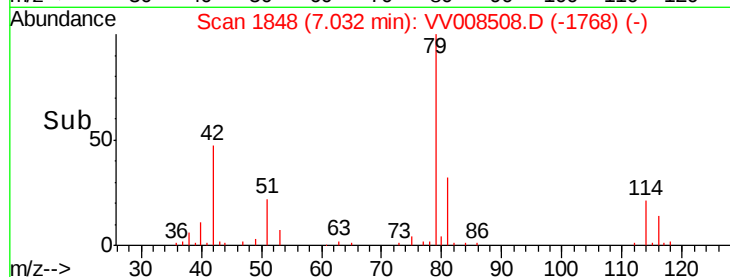
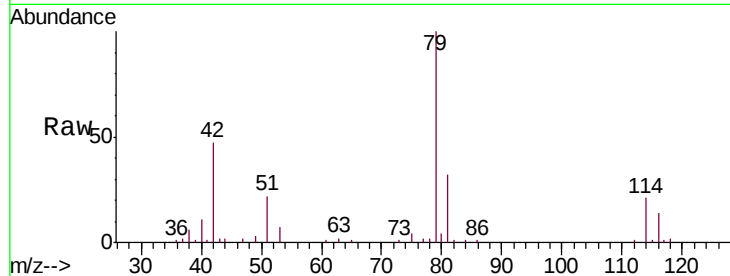




#39
 cis-1,3-Dichloropropene
 Concen: 1.091 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008508.D
 Acq: 01 Nov 2018 12:47

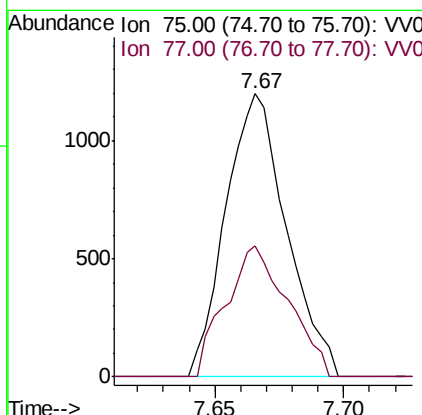
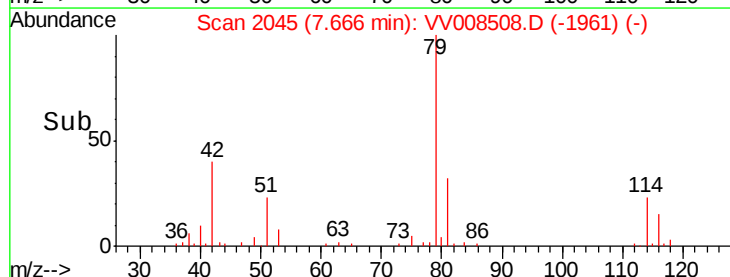
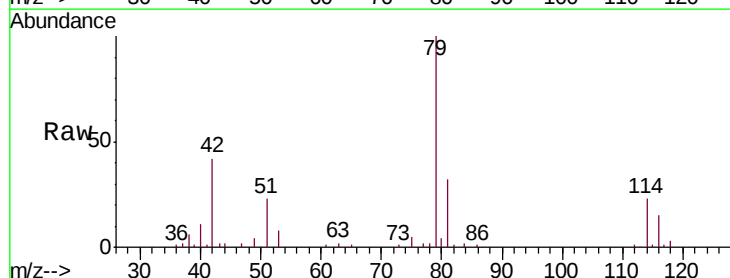
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

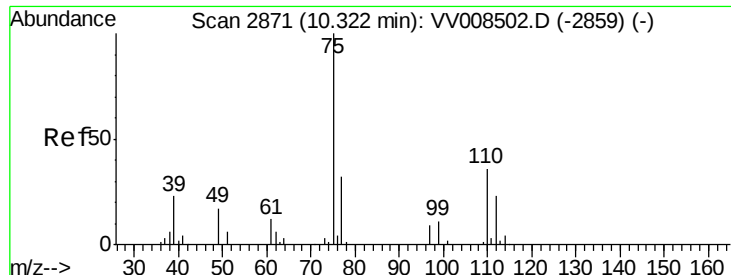
Tgt Ion: 75 Resp: 2574
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.888 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008508.D
 Acq: 01 Nov 2018 12:47

Tgt Ion: 75 Resp: 1967
 Ion Ratio Lower Upper
 75 100
 77 46.3 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 4.900 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008508.D

Acq: 01 Nov 2018 12:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9490

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#

