

Data File : VV014432.D
Acq On : 30 Jan 2020 10:54
Operator : SY/MD
Sample : VV0130WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK58

Quant Time: Jan 31 07:47:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	218821	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	198909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59710	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	42648	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	69919	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	110482	43.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	4.40	84	130419	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	62233	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.09	84	294301	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.11	67	89020	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.35	98	268718	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.66	79	36078	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	131916	51.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.70%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	59103	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	87982	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

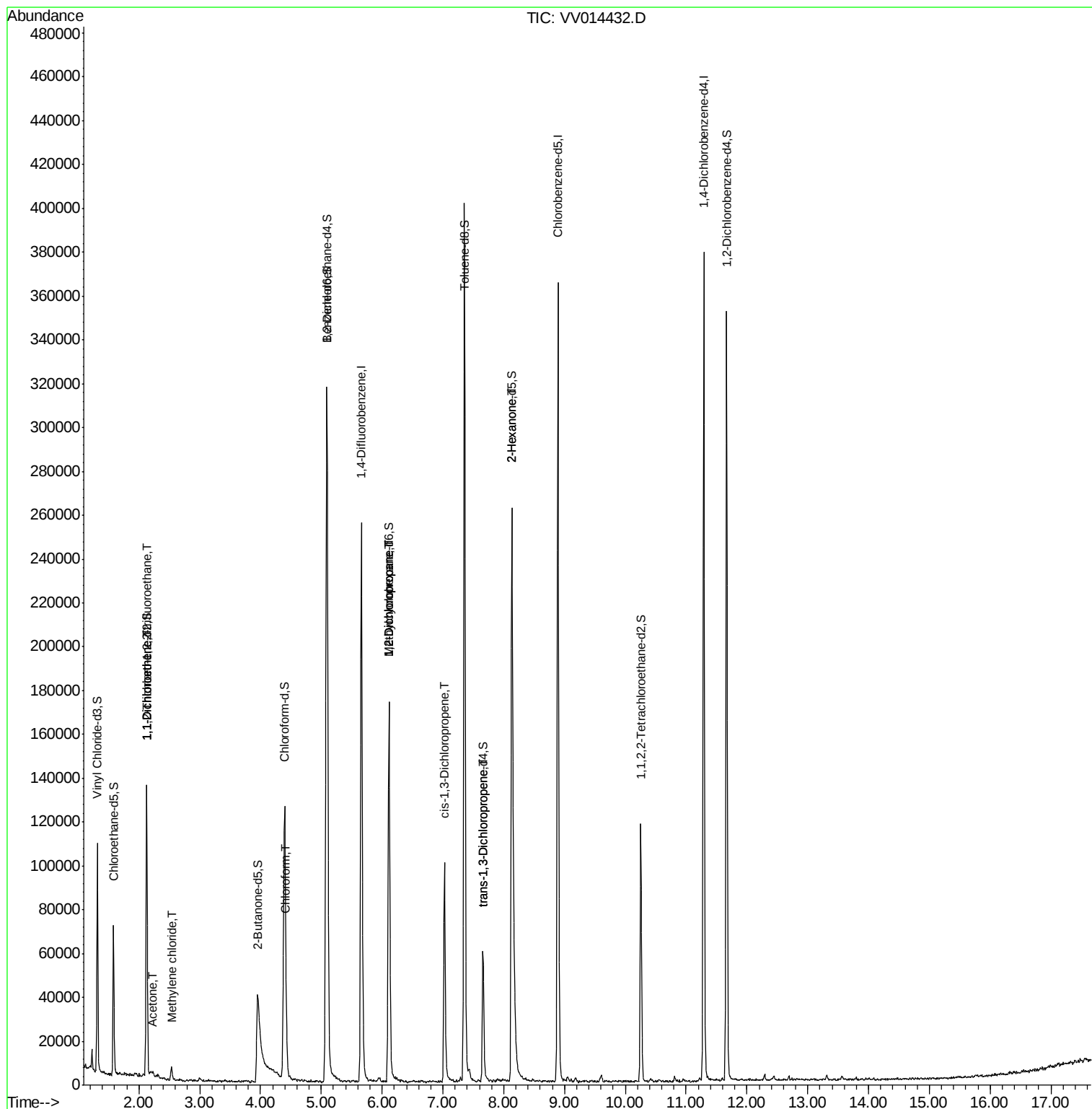
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	782	0.081 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	794	0.090 ug/L #	1
13) Acetone	2.22	43	2604	1.670 ug/L	72
16) Methylene chloride	2.54	84	2650	0.155 ug/L	94
25) Chloroform	4.43	83	8787	0.314 ug/L	92
35) Methylcyclohexane	6.11	83	20757	0.738 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	8670	0.565 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	2566	0.110 ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	1658	0.095 ug/L #	82
48) 2-Hexanone	8.14	43	15023	2.562 ug/L #	66

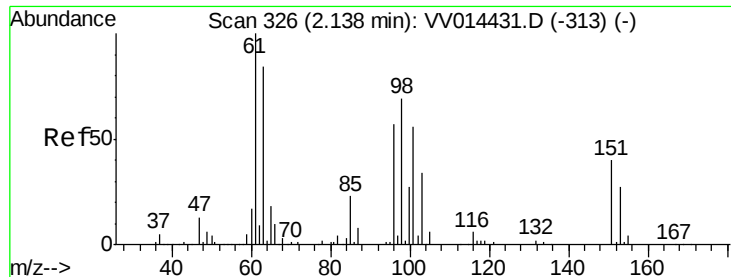
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

Instrument :

MSVOA_V

ClientSampleId :

VBLK58

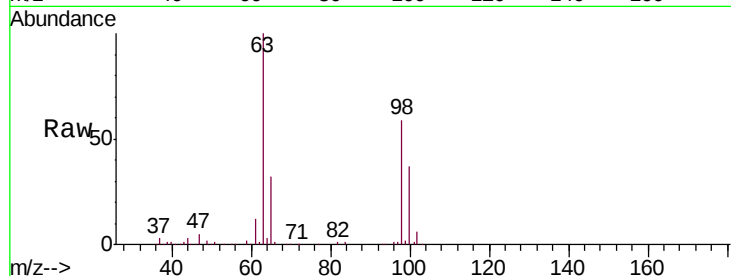
Tgt Ion: 101 Resp: 782

Ion Ratio Lower Upper

101 100

85 5.4 33.2 49.8#

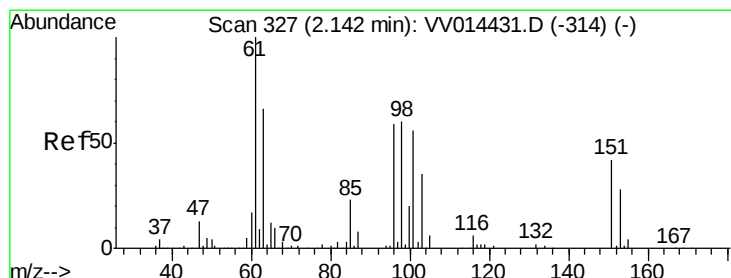
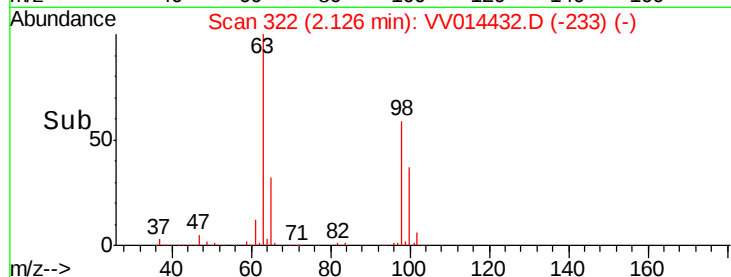
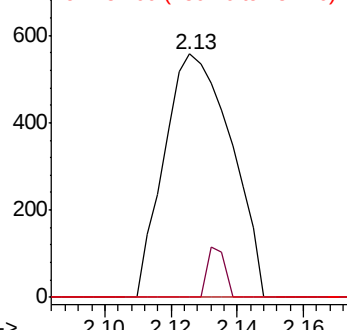
151 0.0 59.6 89.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

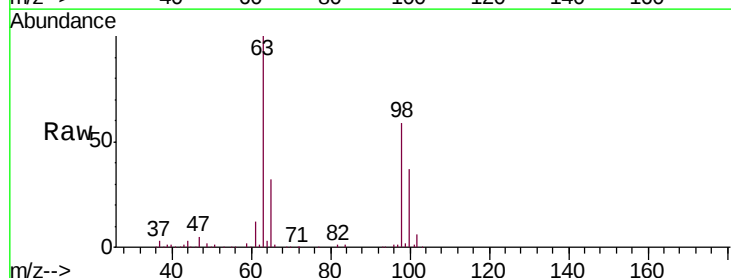
Tgt Ion: 96 Resp: 794

Ion Ratio Lower Upper

96 100

61 1032.6 120.0 223.0#

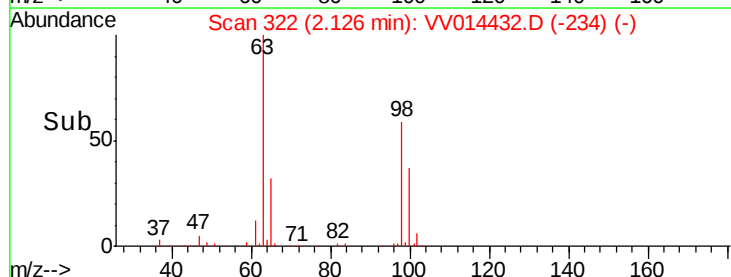
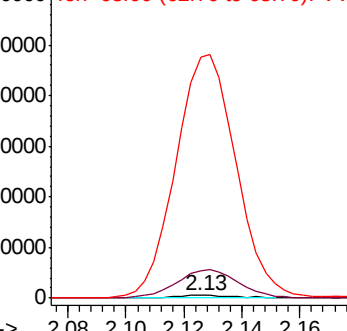
63 8930.6 82.4 153.0#

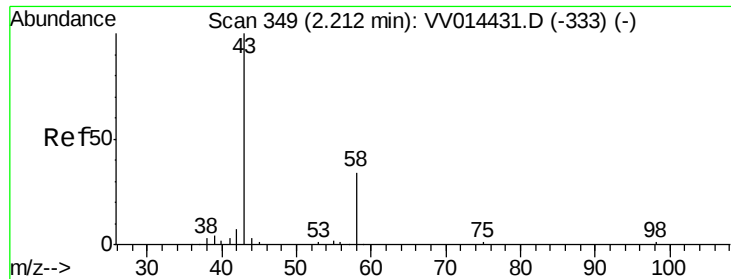


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.670 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

Instrument :

MSVOA_V

ClientSampled :

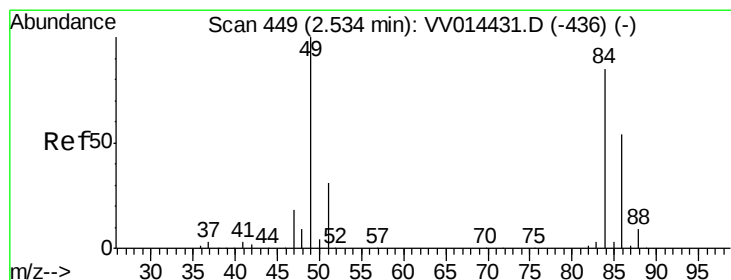
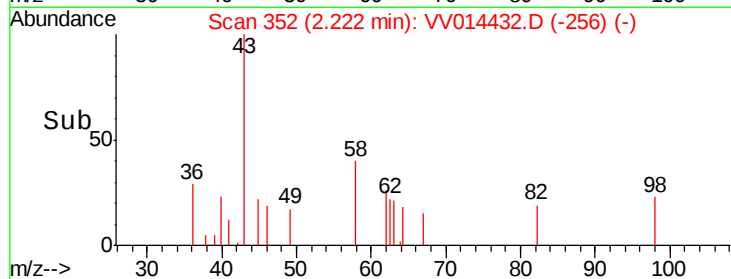
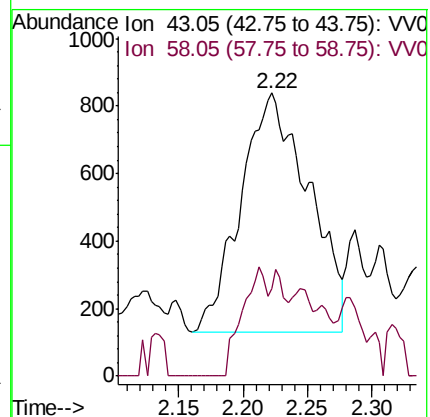
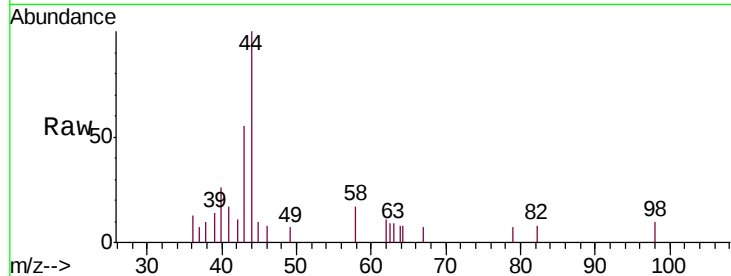
VBLK58

Tgt Ion: 43 Resp: 2604

Ion Ratio Lower Upper

43 100

58 9.8 0.0 47.0



#16

Methylene chloride

Concen: 0.155 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

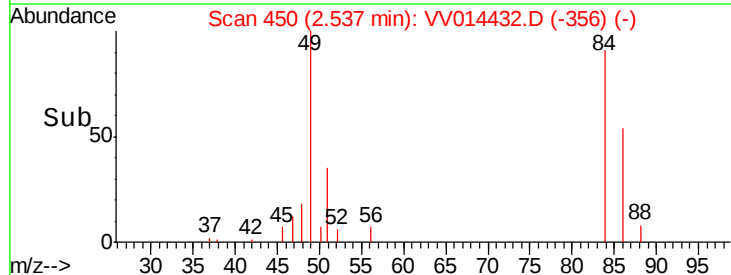
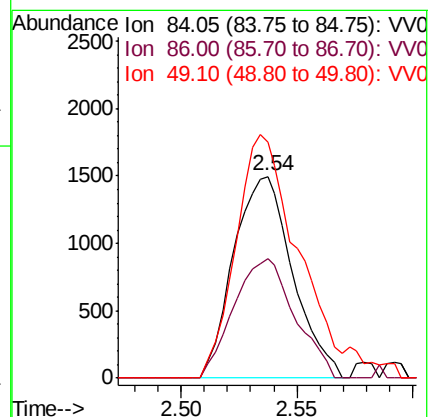
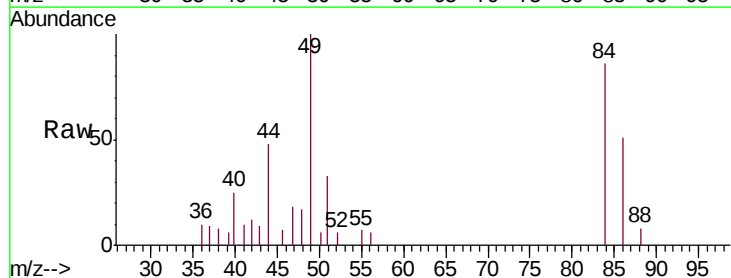
Tgt Ion: 84 Resp: 2650

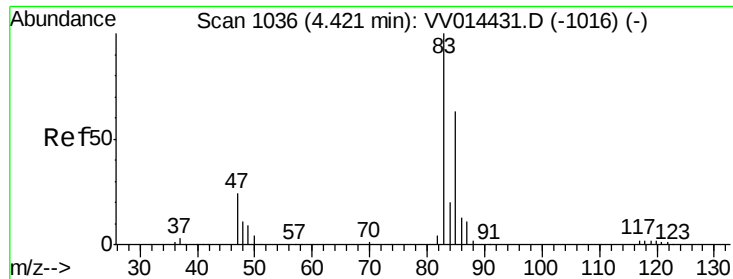
Ion Ratio Lower Upper

84 100

86 59.4 45.6 84.6

49 116.8 86.1 159.9

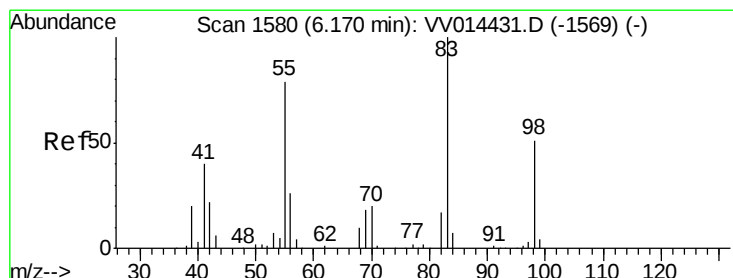
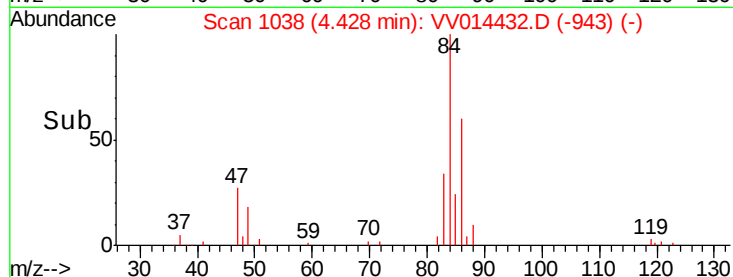
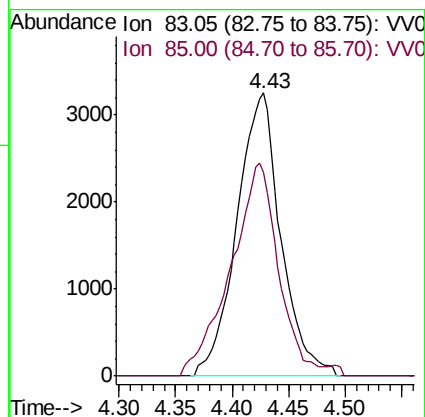
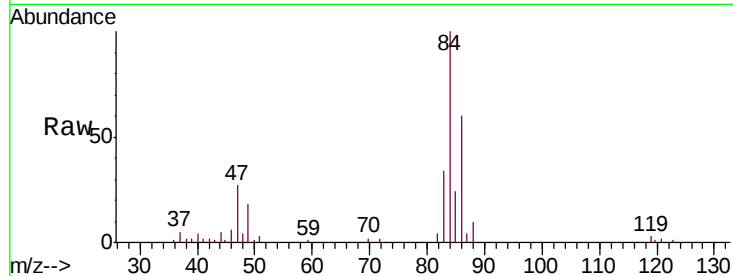




#25
Chloroform
Concen: 0.314 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014432.D
Acq: 30 Jan 2020 10:54

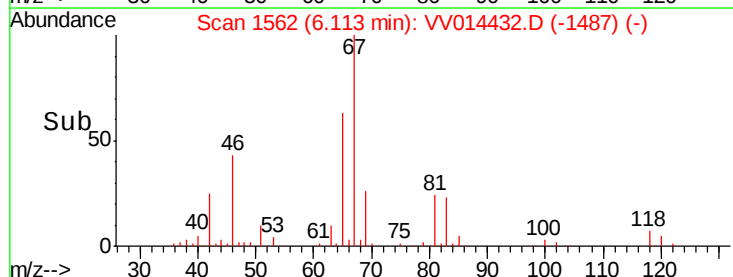
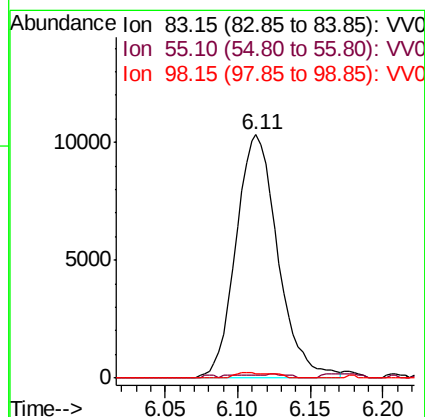
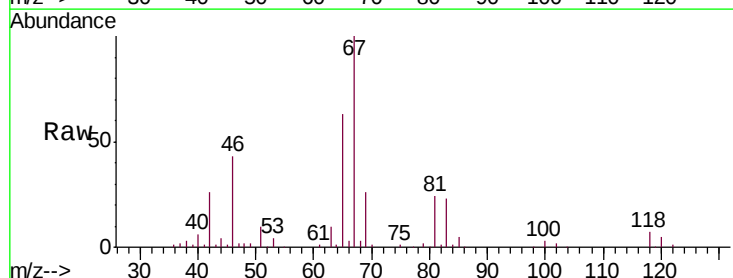
Instrument :
MSVOA_V
ClientSampleId :
VBLK58

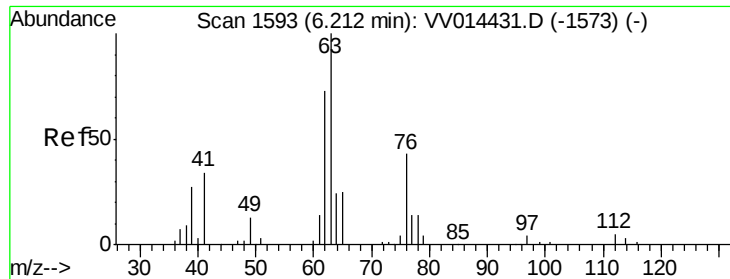
Tgt Ion: 83 Resp: 8787
Ion Ratio Lower Upper
83 100
85 72.1 45.9 85.3



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014432.D
Acq: 30 Jan 2020 10:54

Tgt Ion: 83 Resp: 20757
Ion Ratio Lower Upper
83 100
55 0.2 61.3 91.9#
98 1.3 37.5 56.3#

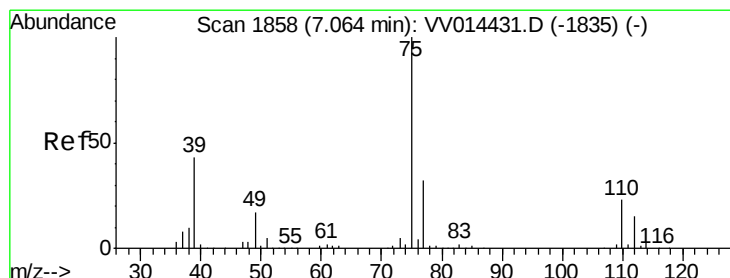
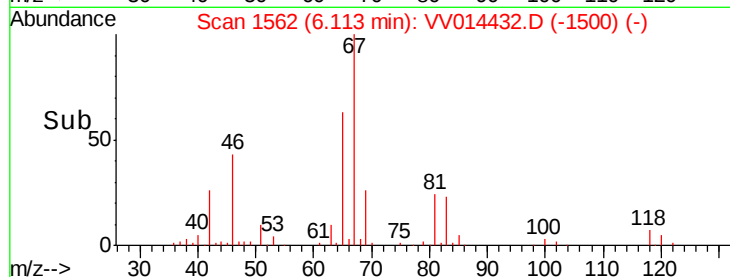
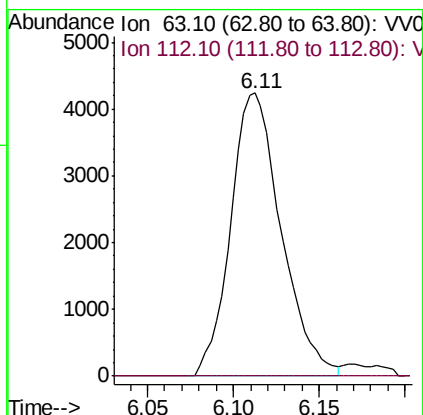
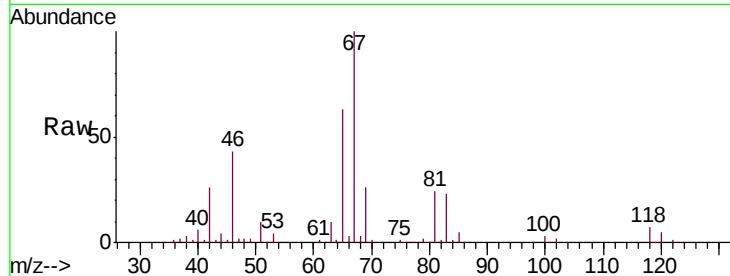




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014432.D
 Acq: 30 Jan 2020 10:54

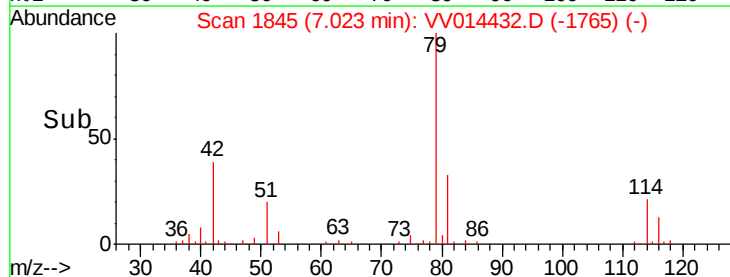
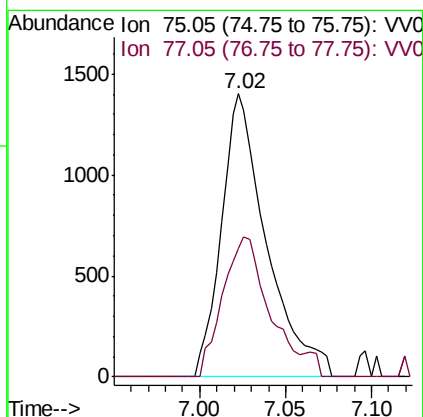
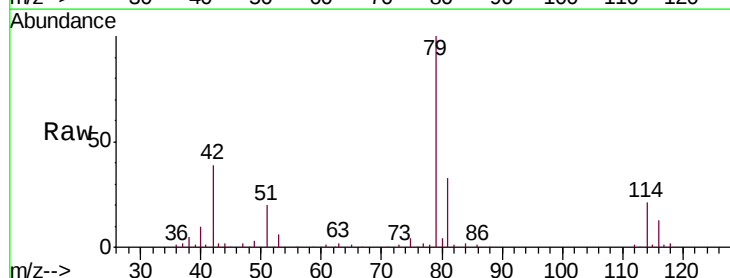
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK58

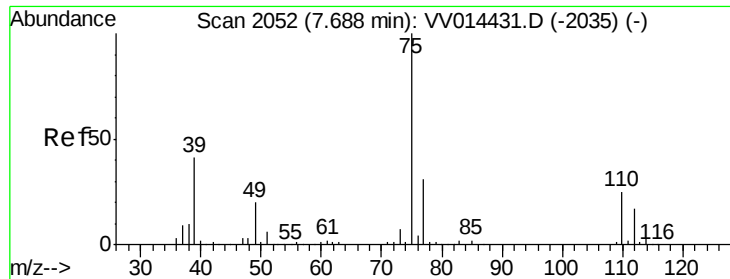
Tgt Ion: 63 Resp: 8670
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014432.D
 Acq: 30 Jan 2020 10:54

Tgt Ion: 75 Resp: 2566
 Ion Ratio Lower Upper
 75 100
 77 45.5 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

Instrument :

MSVOA_V

ClientSampled :

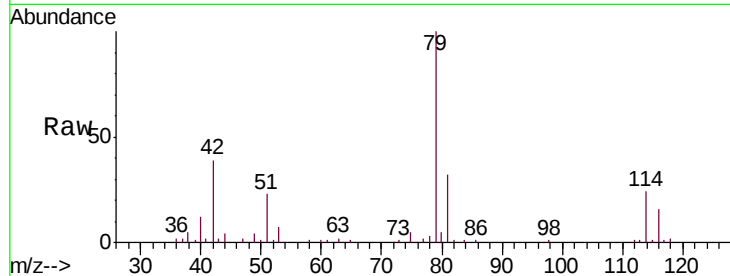
VBLK58

Tgt Ion: 75 Resp: 1658

Ion Ratio Lower Upper

75 100

77 41.5 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV014431.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV014431.D (-2035) (-)

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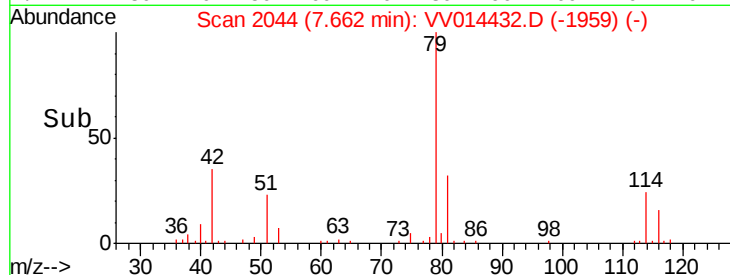
7.66

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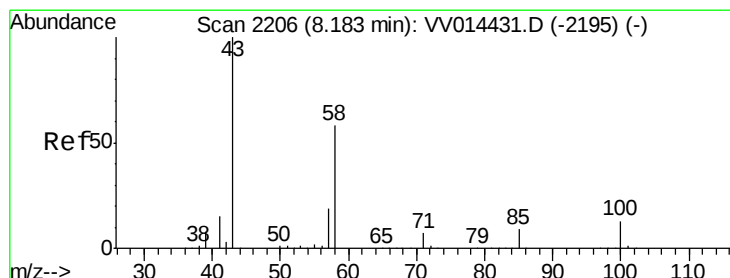
7.66

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Time-->



#48

2-Hexanone

Concen: 2.562 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014432.D

Acq: 30 Jan 2020 10:54

Tgt Ion: 43 Resp: 15023

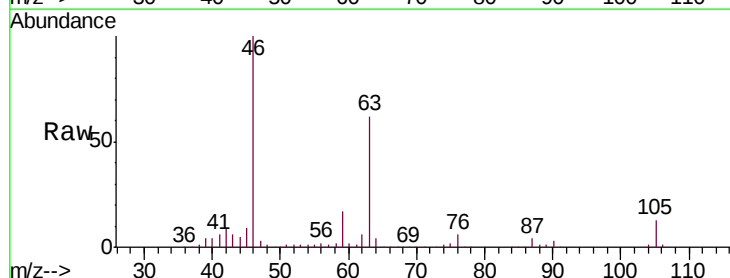
Ion Ratio Lower Upper

43 100

58 24.5 45.8 68.6#

57 20.6 15.4 23.0

100 0.0 9.8 14.8#



Abundance Ion 43.05 (42.75 to 43.75): VV014431.D (-2195) (-)

Ion 58.05 (57.75 to 58.75): VV014431.D (-2195) (-)

Ion 57.20 (56.90 to 57.90): VV014431.D (-2195) (-)

Ion 100.15 (99.85 to 100.85): VV014431.D (-2195) (-)

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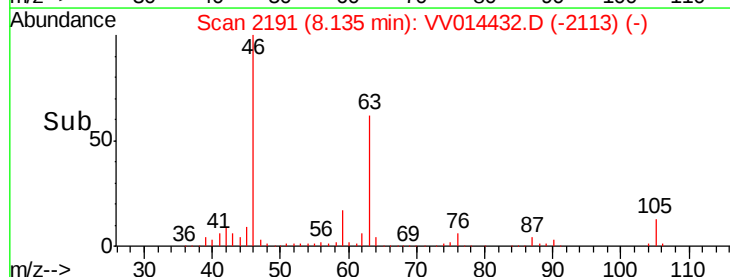
8.14

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Time-->