

Data File : VV012053.D
Acq On : 26 Jul 2019 15:09
Operator : SY/MD
Sample : K3890-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 26 23:24:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 23:19:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24038	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.59	69	20917	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	40333	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.96	46	96874	56.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	4.40	84	76748	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	45121	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.10	84	146608	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	44034	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	127505	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	16519	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	78621	55.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33373	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57632	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

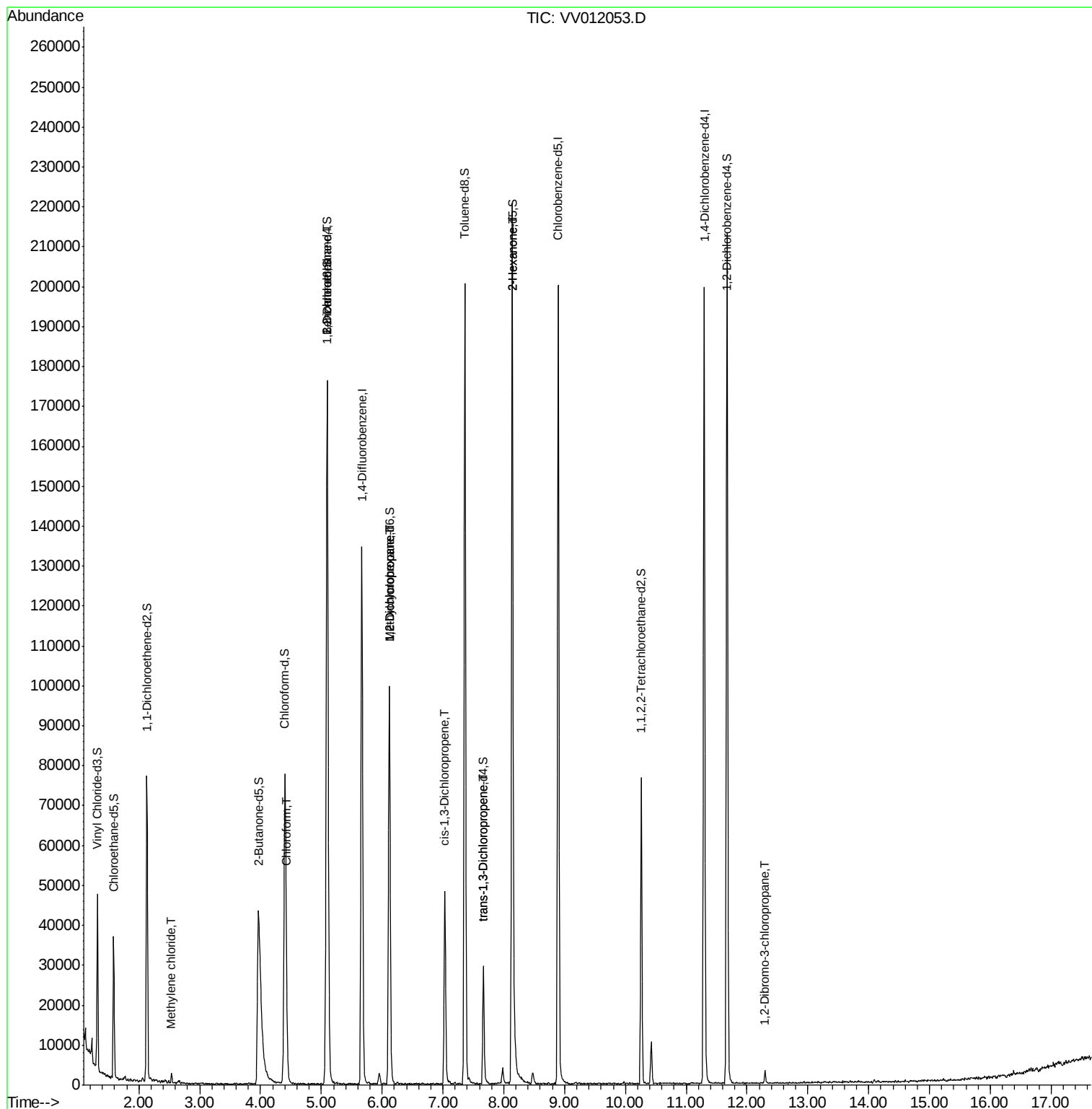
						Qvalue
16) Methylene chloride	2.54	84	875	0.152	ug/L	73
25) Chloroform	4.43	83	8384	0.491	ug/L	96
27) 1,2-Dichloroethane	5.10	62	1126	0.119	ug/L #	76
35) Methylcyclohexane	6.12	83	11364	0.814	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5651	0.728	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1443	0.125	ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	900	0.098	ug/L	96
48) 2-Hexanone	8.14	43	10217	3.358	ug/L #	66
66) 1,2-Dibromo-3-chloropropan	12.30	75	89	0.096	ug/L #	1

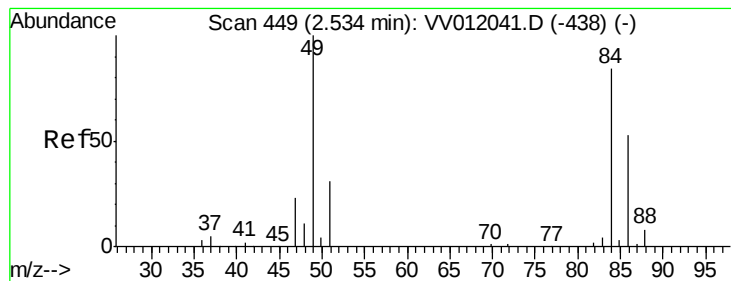
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.152 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012053.D

Acq: 26 Jul 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

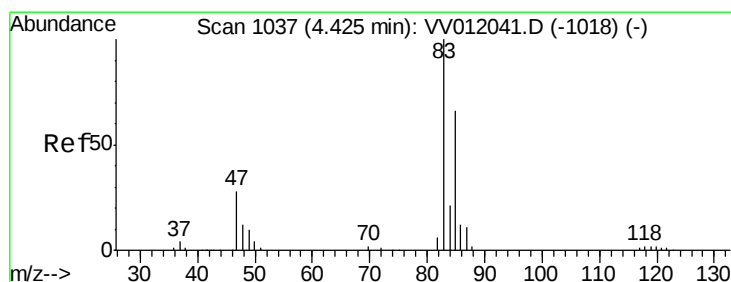
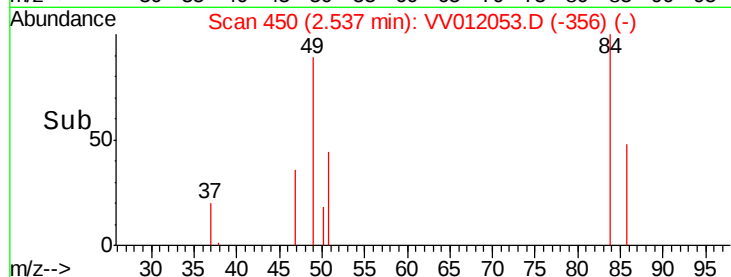
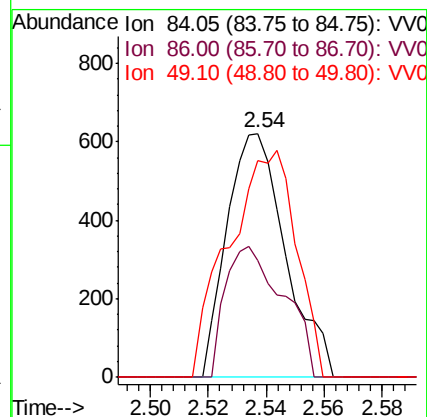
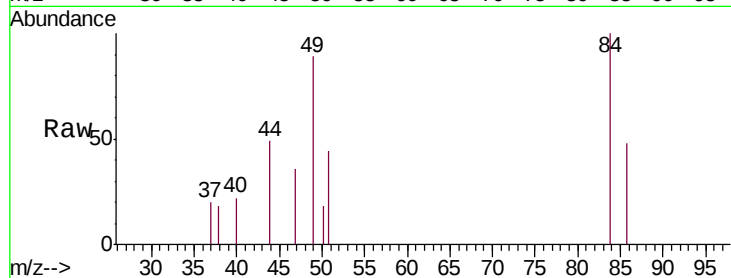
Tgt Ion: 84 Resp: 875

Ion Ratio Lower Upper

84 100

86 47.8 47.6 88.4

49 89.0 84.3 156.5



#25

Chloroform

Concen: 0.491 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV012053.D

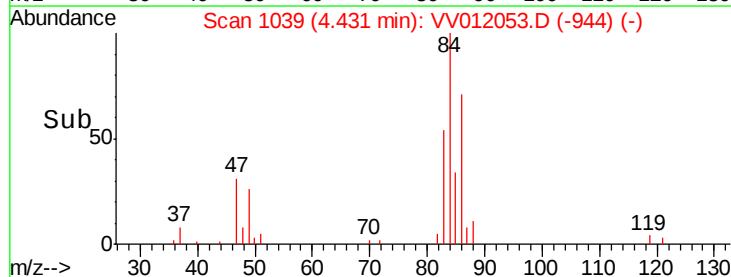
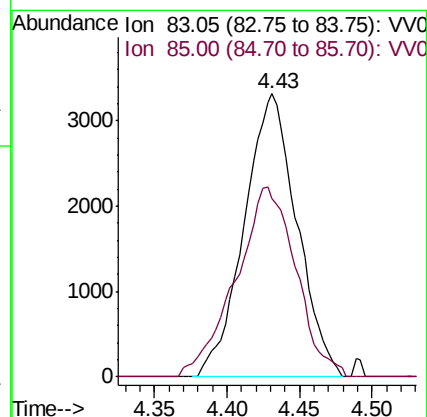
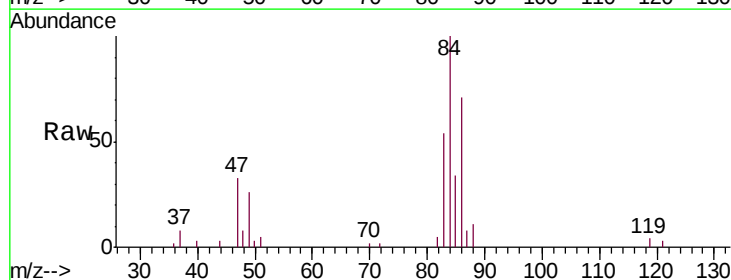
Acq: 26 Jul 2019 15:09

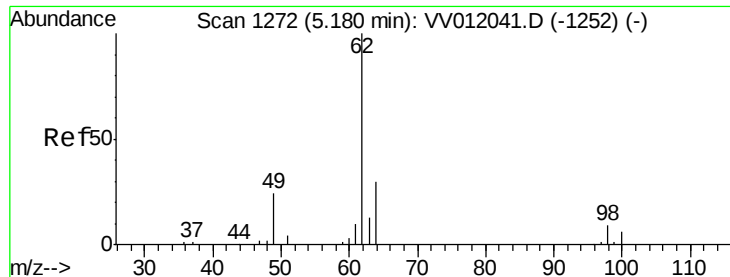
Tgt Ion: 83 Resp: 8384

Ion Ratio Lower Upper

83 100

85 63.0 46.5 86.3

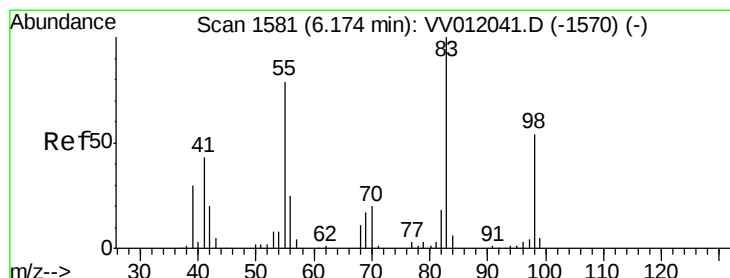
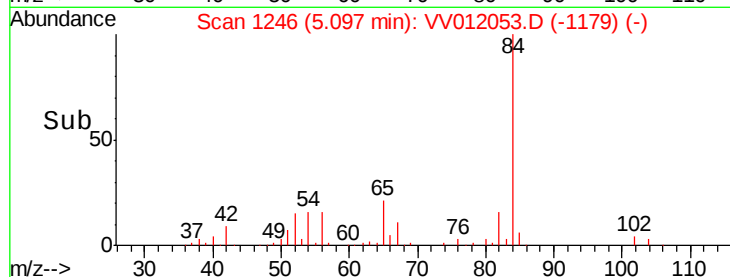
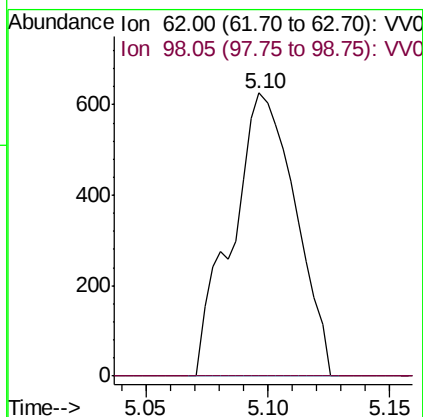
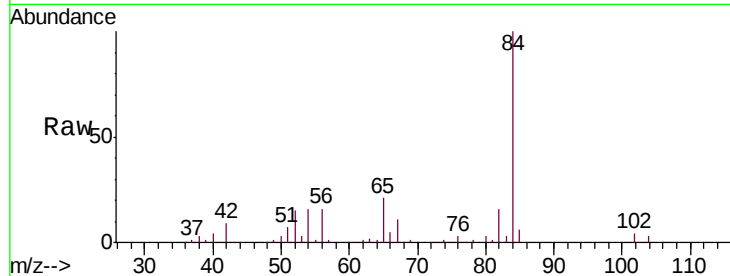




#27
 1,2-Dichloroethane
 Concen: 0.119 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV012053.D
 Acq: 26 Jul 2019 15:09

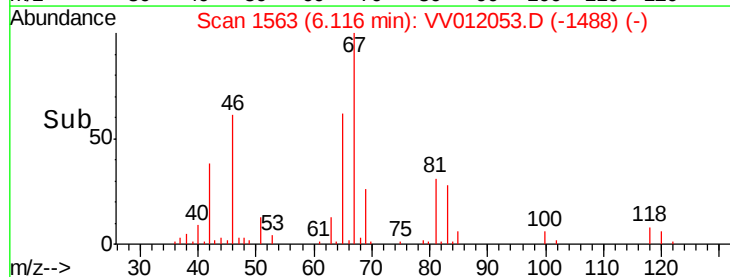
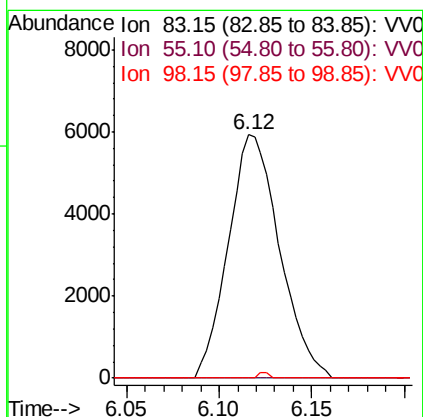
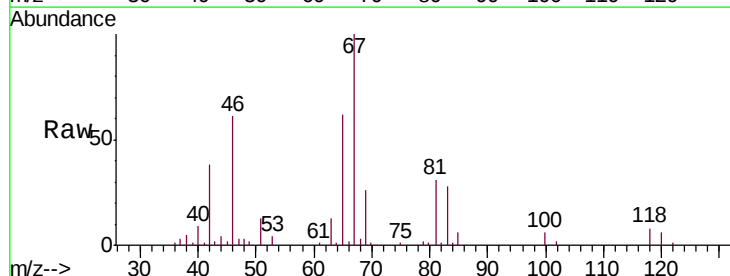
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

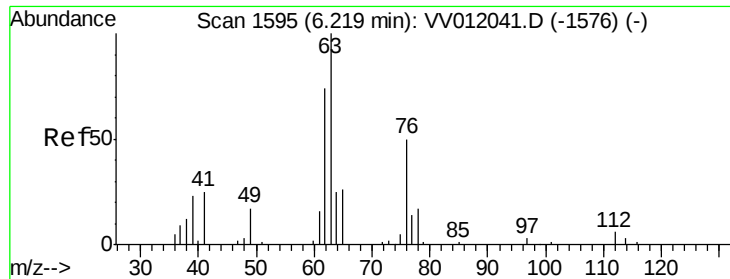
Tgt Ion: 62 Resp: 1126
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



#35
 Methylcyclohexane
 Concen: 0.814 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012053.D
 Acq: 26 Jul 2019 15:09

Tgt Ion: 83 Resp: 11364
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.0 94.4#
 98 0.4 41.4 62.0#

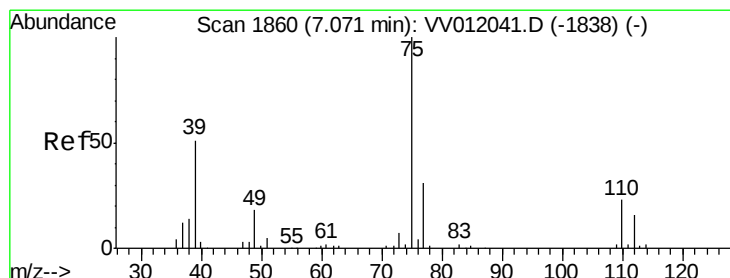
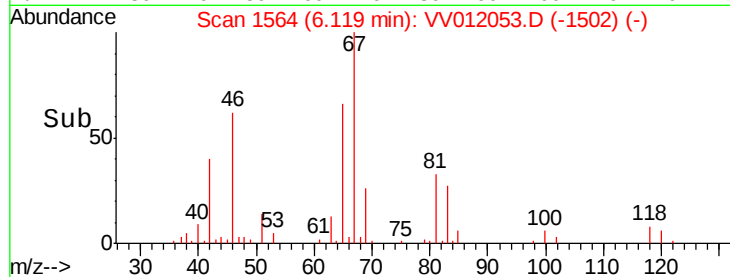
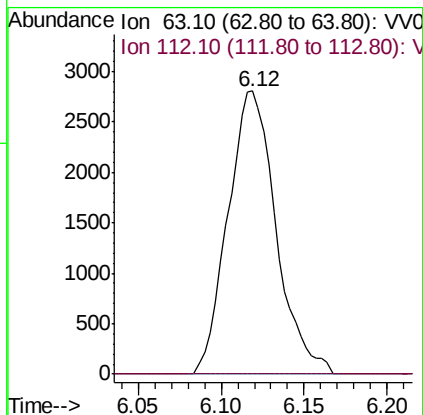
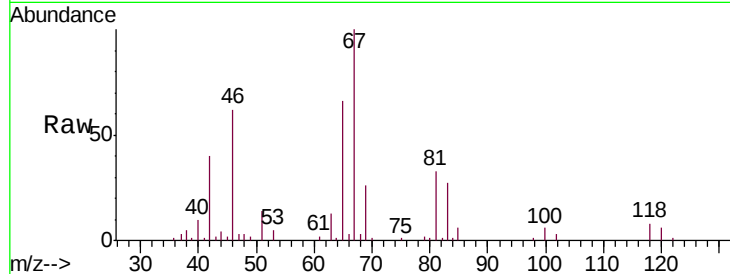




#37
 1,2-Dichloropropane
 Concen: 0.728 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012053.D
 Acq: 26 Jul 2019 15:09

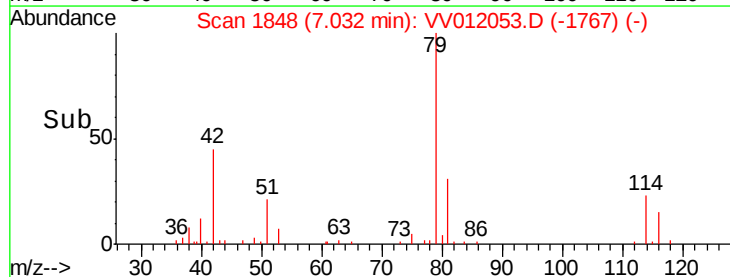
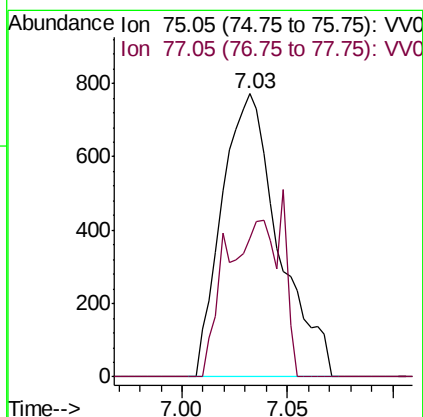
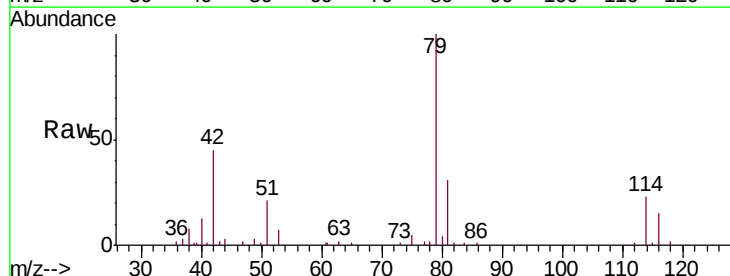
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

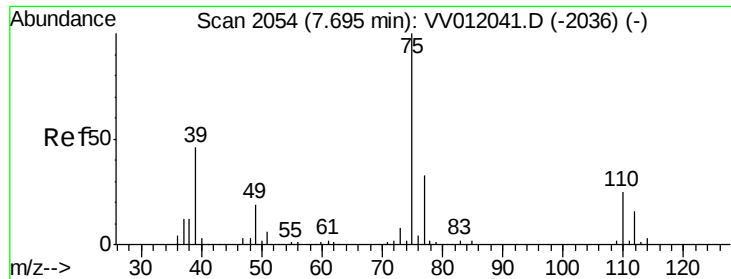
Tgt Ion: 63 Resp: 5651
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012053.D
 Acq: 26 Jul 2019 15:09

Tgt Ion: 75 Resp: 1443
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.3 39.6#





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV012053.D

Acq: 26 Jul 2019 15:09

Instrument :

MSVOA_V

ClientSampled :

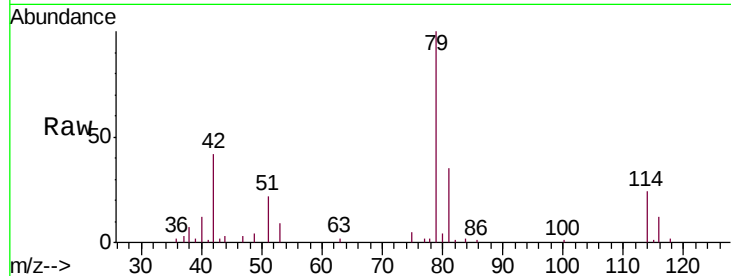
VHBLK01

Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

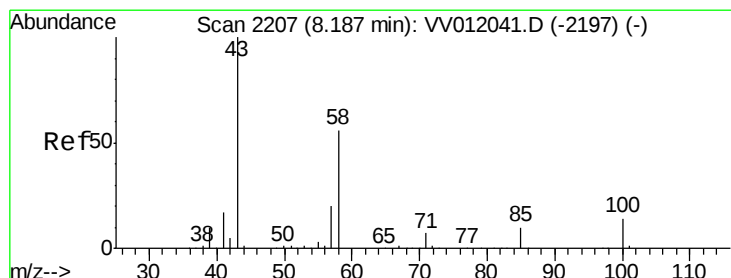
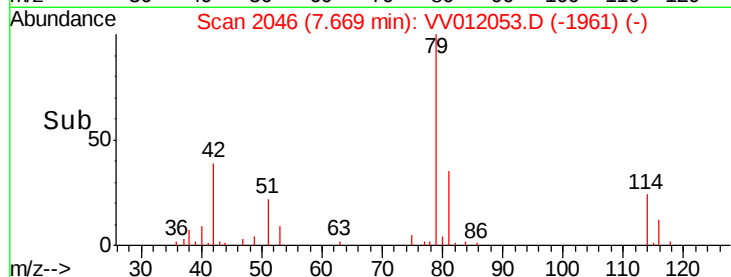
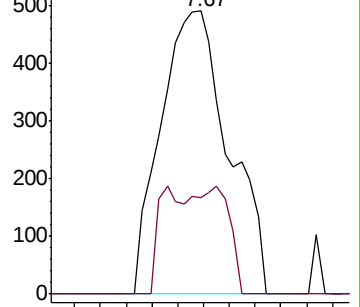
75 100

77 33.9 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV012041.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV012041.D (-2036) (-)



#48

2-Hexanone

Concen: 3.358 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012053.D

Acq: 26 Jul 2019 15:09

Tgt Ion: 43 Resp: 10217

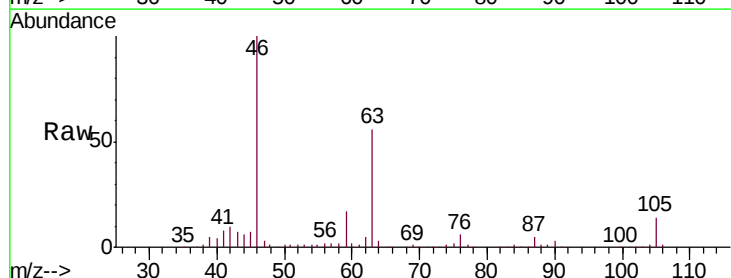
Ion Ratio Lower Upper

43 100

58 28.4 43.7 65.5#

57 32.5 16.0 24.0#

100 0.2 10.5 15.7#

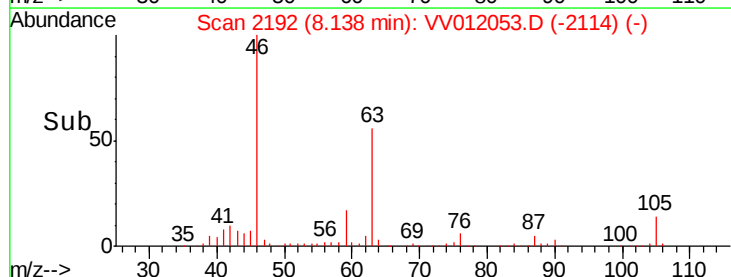
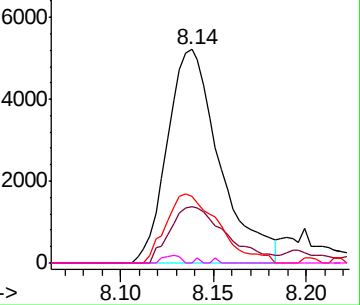


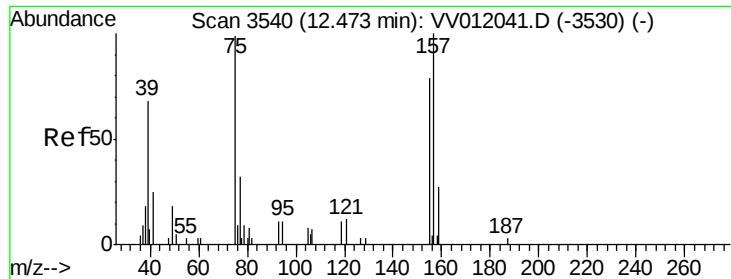
Abundance Ion 43.05 (42.75 to 43.75): VV012041.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV012041.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV012041.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV012041.D (-2197) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.096 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV012053.D

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Instrument :

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ClientSampleId :

VHBLK01

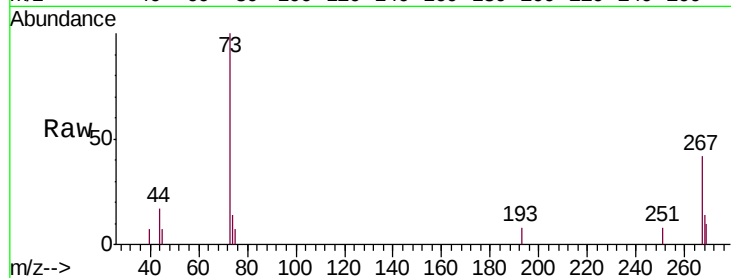
Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

75 100

155 0.0 69.5 104.3#

157 0.0 96.2 144.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

