

Data File : VV011966.D
Acq On : 23 Jul 2019 15:44
Operator : SY/MD
Sample : K3890-04RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52W4

Quant Time: Jul 24 05:56:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	128660	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40545	6.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.20%
7) Chloroethane-d5	1.59	69	31327	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.14	63	62602	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.94	46	113050	57.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	4.40	84	97715	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.08	65	54338	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.10	84	202356	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
36) 1,2-Dichloropropane-d6	6.12	67	56768	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.36	98	183997	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
43) trans-1,3-Dichloropropene-	7.67	79	21682	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
46) 2-Hexanone-d5	8.13	63	90409	56.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38391	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	74926	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

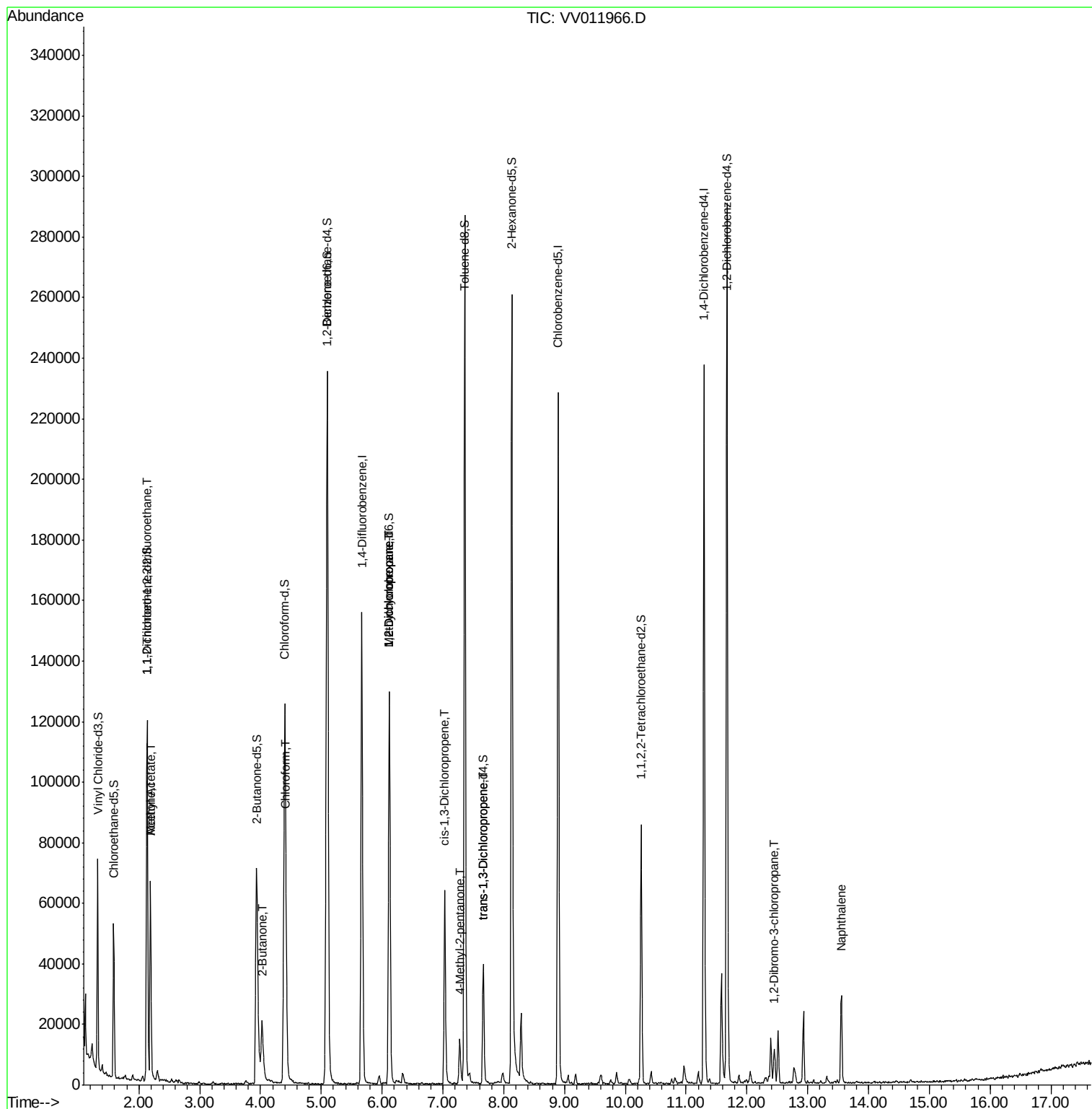
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	685	0.105 ug/L #	15
13) Acetone	2.19	43	63800	60.552 ug/L	100
15) Methyl Acetate	2.19	43	54319	23.615 ug/L #	45
21) 2-Butanone	4.03	43	28072	13.888 ug/L	96
25) Chloroform	4.43	83	5731	0.295 ug/L	93
35) Methylcyclohexane	6.12	83	14518	0.924 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7006	0.802 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1673	0.129 ug/L #	49
40) 4-Methyl-2-pentanone	7.28	43	10107	2.070 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1195	0.116 ug/L #	43
66) 1,2-Dibromo-3-chloropropan	12.44	75	1286	1.197 ug/L #	1
69) Naphthalene	13.55	128	24090	1.171 ug/L	100

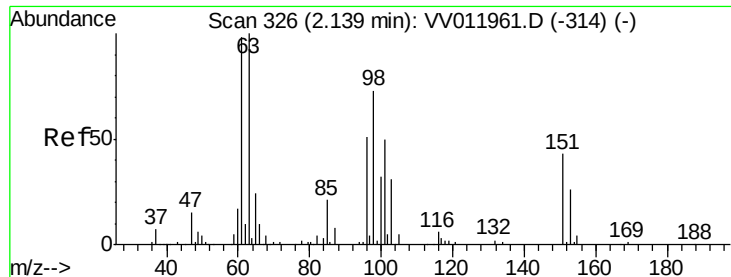
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.105 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV011966.D

Acq: 23 Jul 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

A52W4

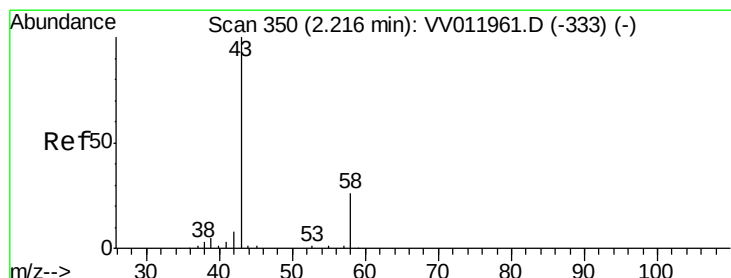
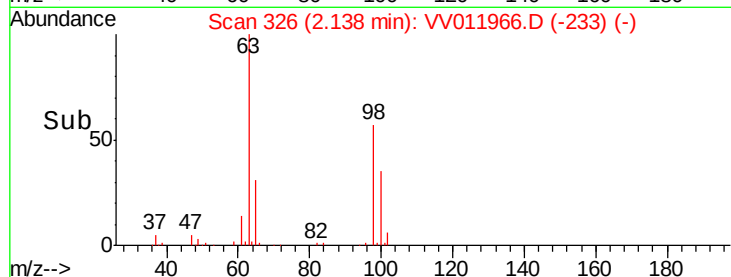
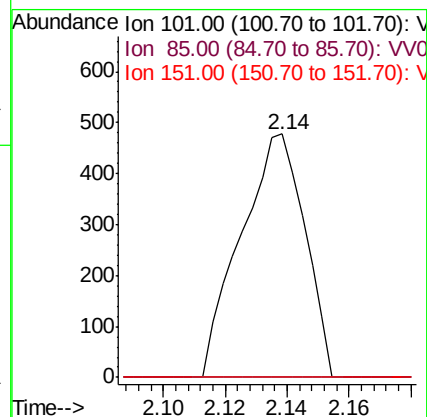
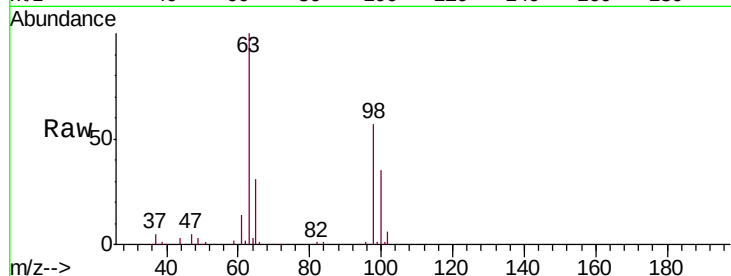
Tgt Ion: 101 Resp: 685

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 68.3 102.5#



#13

Acetone

Concen: 60.552 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011966.D

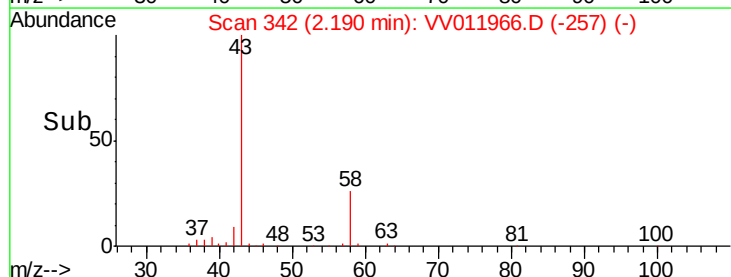
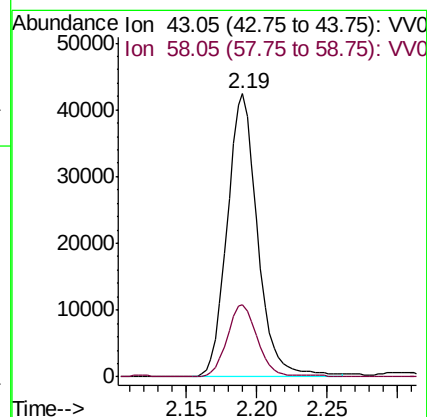
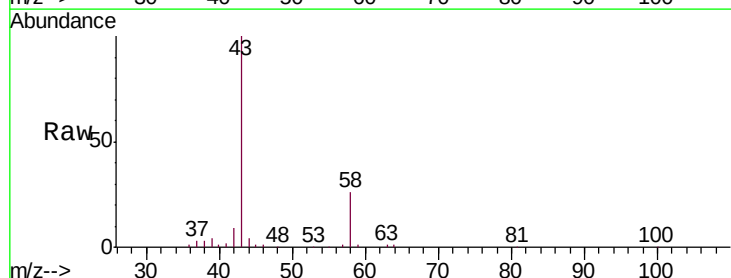
Acq: 23 Jul 2019 15:44

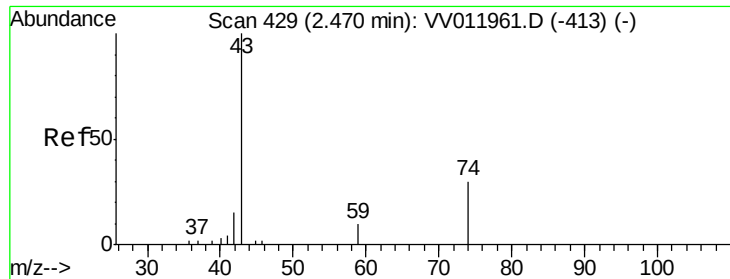
Tgt Ion: 43 Resp: 63800

Ion Ratio Lower Upper

43 100

58 25.8 0.0 51.8

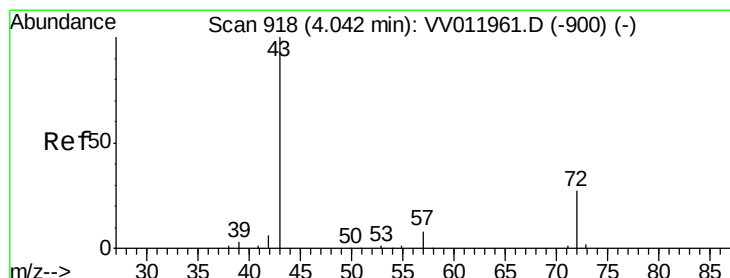
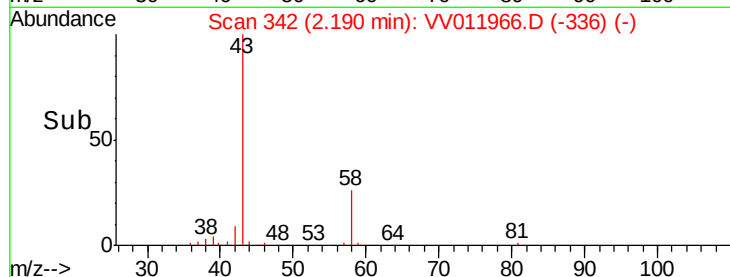
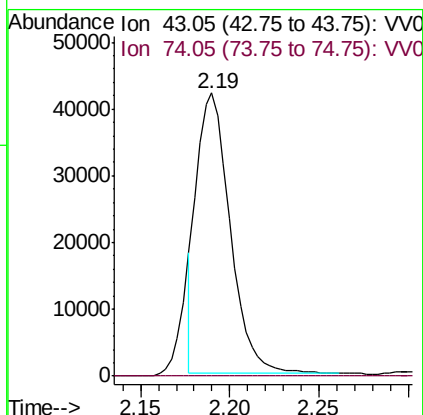
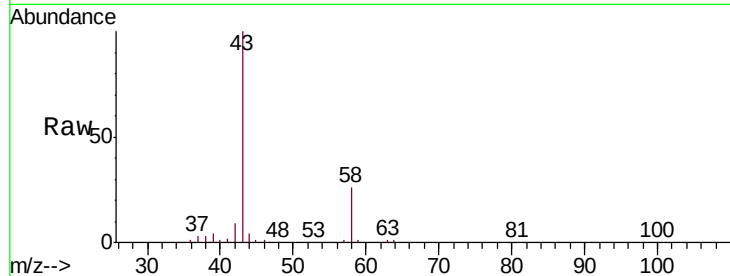




#15
Methyl Acetate
Concen: 23.615 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.28 min
Lab File: VV011966.D
Acq: 23 Jul 2019 15:44

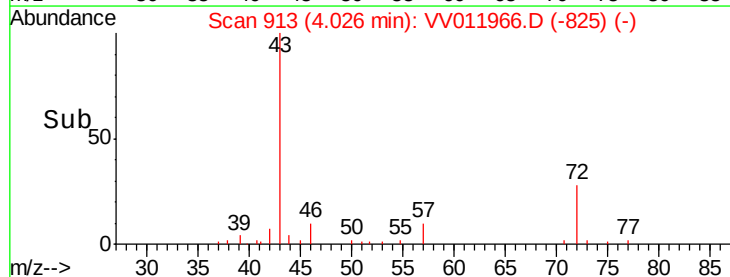
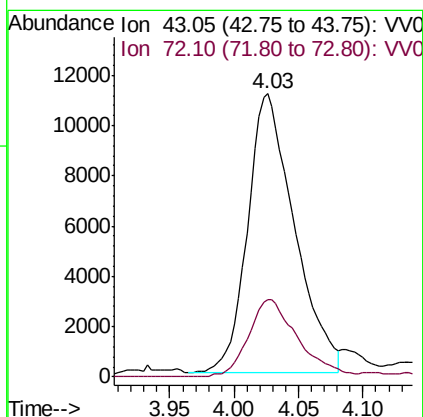
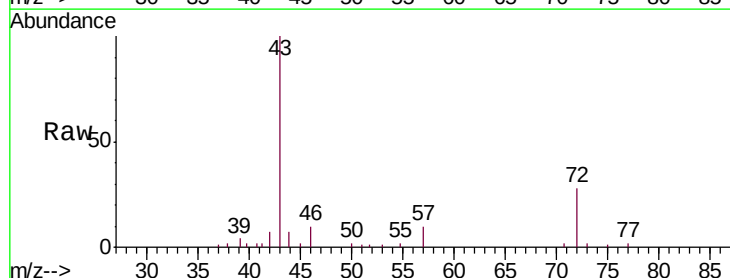
Instrument :
MSVOA_V
ClientSampleId :
A52W4

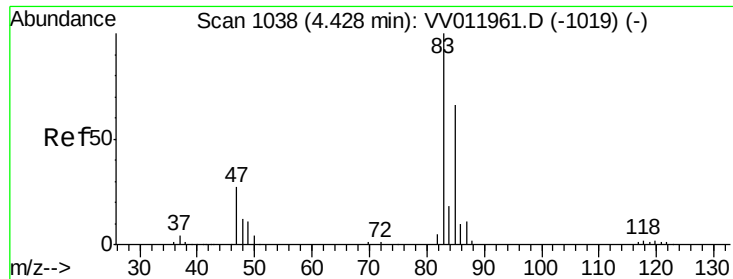
Tgt Ion: 43 Resp: 54319
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.2#



#21
2-Butanone
Concen: 13.888 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.02 min
Lab File: VV011966.D
Acq: 23 Jul 2019 15:44

Tgt Ion: 43 Resp: 28072
Ion Ratio Lower Upper
43 100
72 29.3 13.6 40.8





#25

Chloroform

Concen: 0.295 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV011966.D

Acq: 23 Jul 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

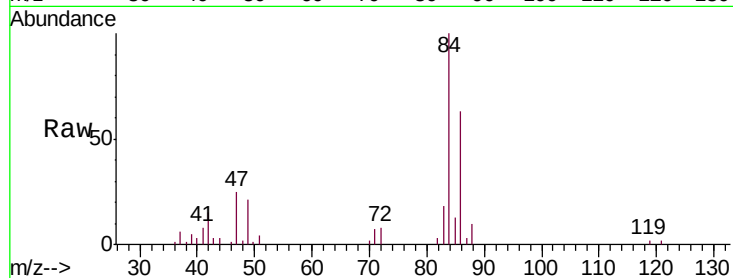
A52W4

Tgt Ion: 83 Resp: 5731

Ion Ratio Lower Upper

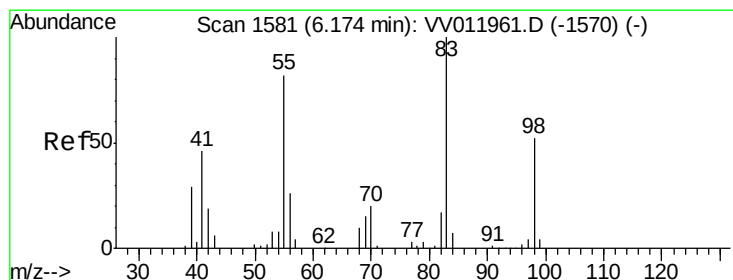
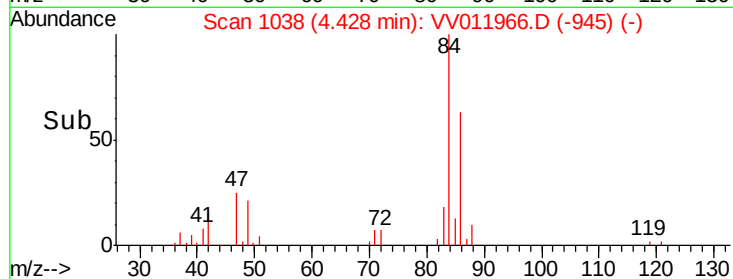
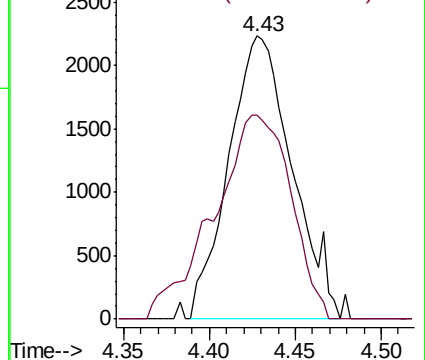
83 100

85 72.3 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011966.D

Acq: 23 Jul 2019 15:44

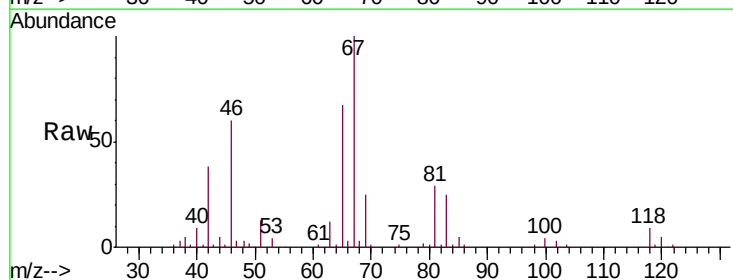
Tgt Ion: 83 Resp: 14518

Ion Ratio Lower Upper

83 100

55 0.3 63.0 94.4#

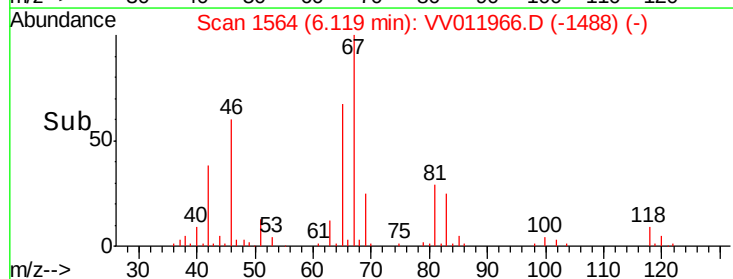
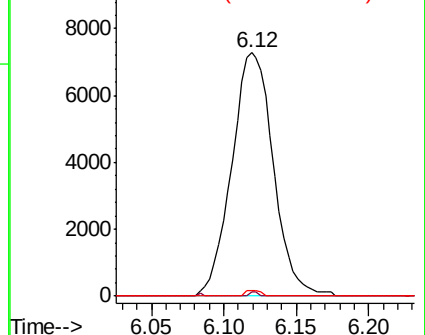
98 0.9 41.4 62.0#

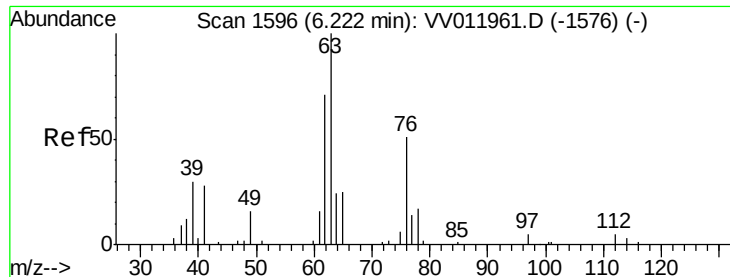


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

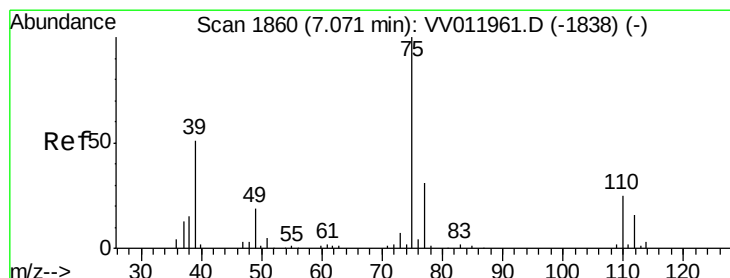
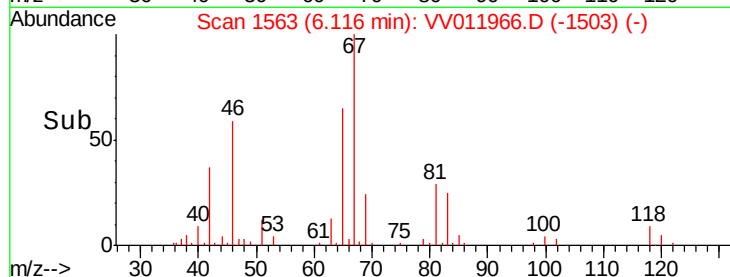
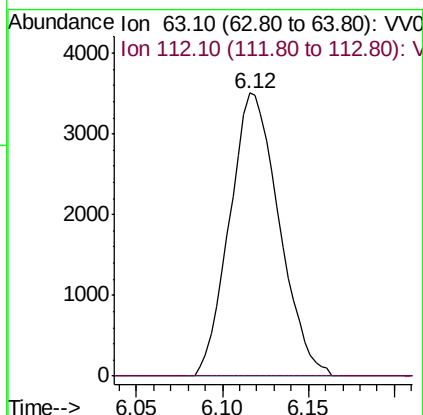
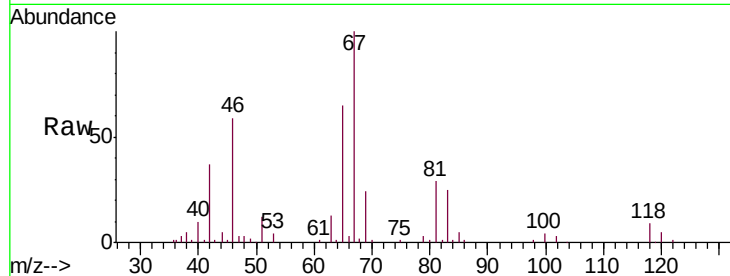




#37
 1,2-Dichloropropane
 Concen: 0.802 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

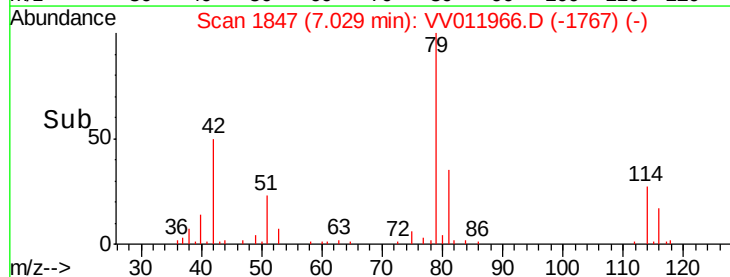
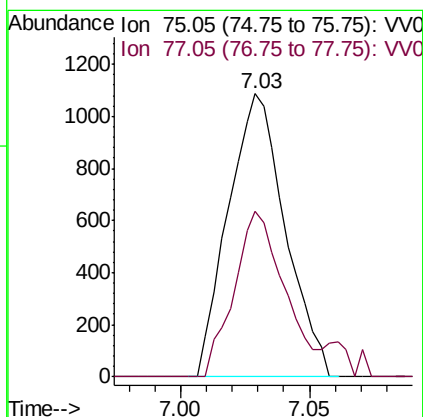
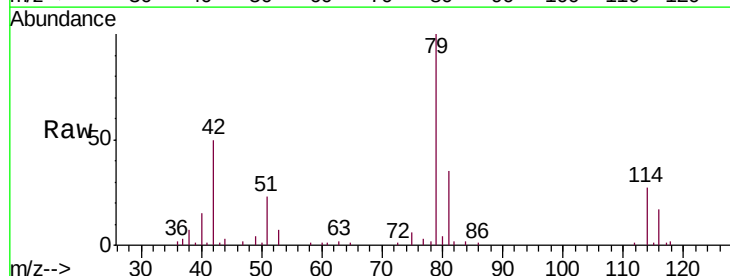
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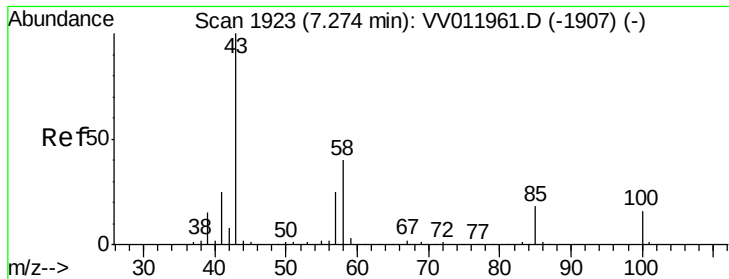
Tgt Ion: 63 Resp: 7006
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

Tgt Ion: 75 Resp: 1673
 Ion Ratio Lower Upper
 75 100
 77 58.6 21.3 39.6#

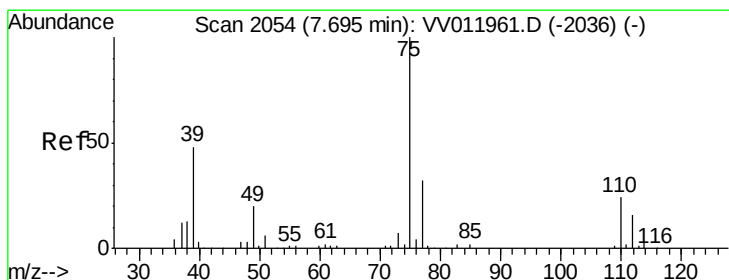
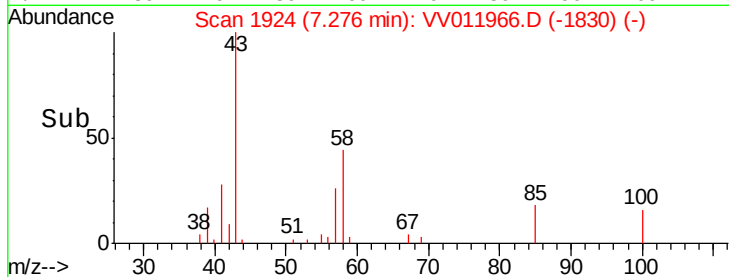
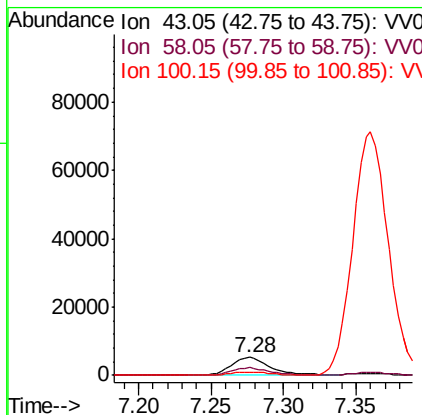
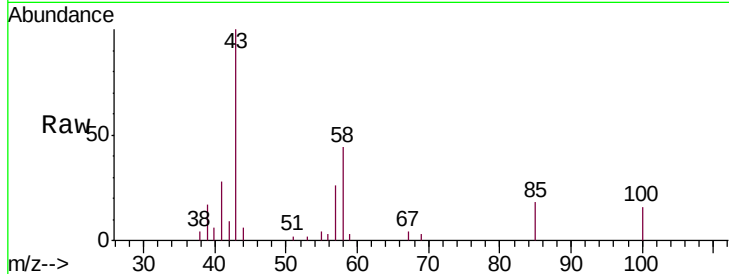




#40
 4-Methyl-2-pentanone
 Concen: 2.070 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

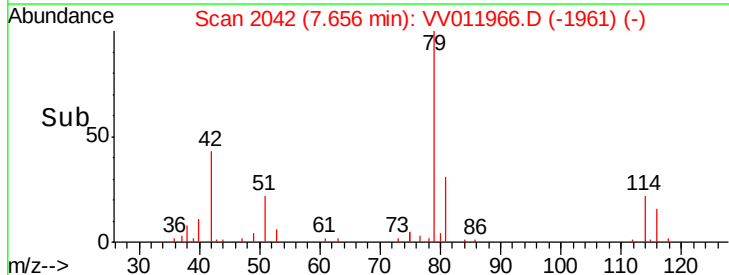
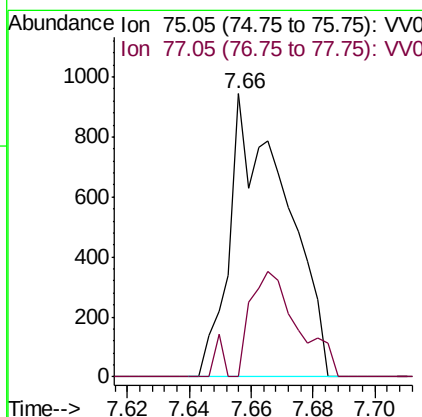
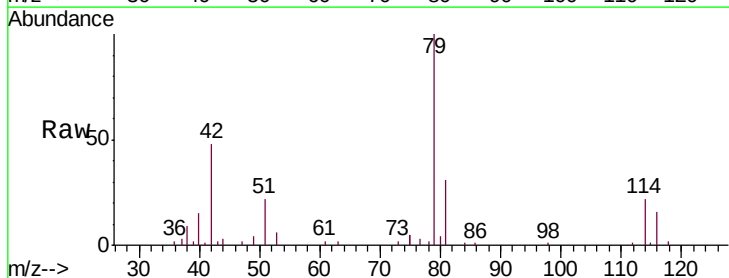
Instrument :
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 A52W4

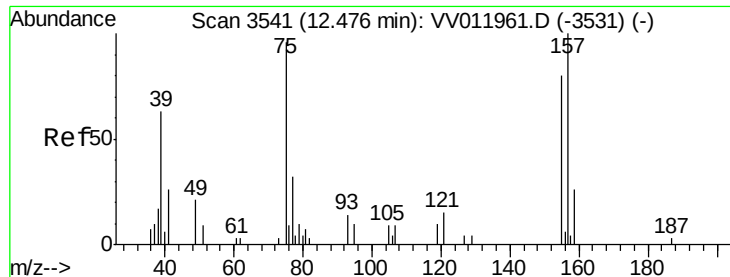
Tgt Ion: 43 Resp: 10107
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.2 46.8
 100 0.0 13.5 20.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.04 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.0 40.8#

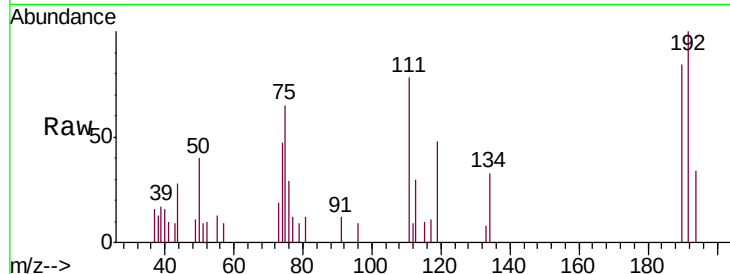




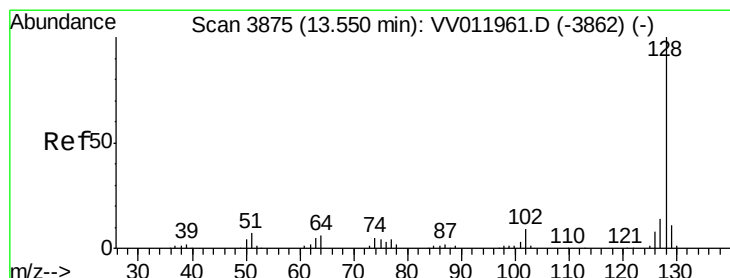
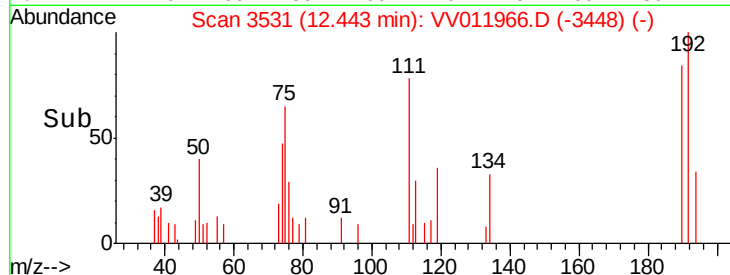
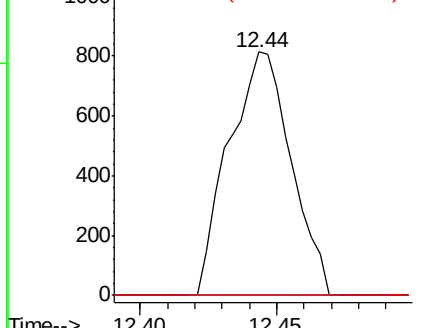
#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.197 ug/L
 RT: 12.44 min Scan# 3531
 Delta R.T. -0.03 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

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Tgt Ion: 75 Resp: 1286
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.5 104.3#
 157 0.0 96.2 144.2#

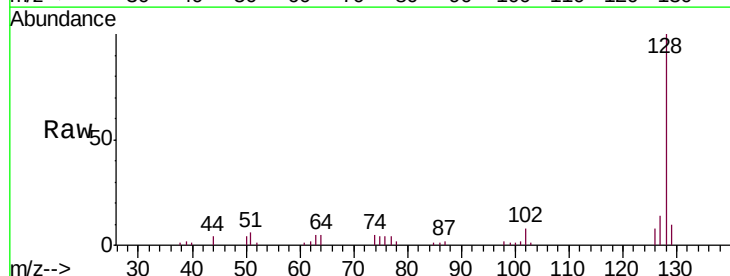


Abundance Ion 75.05 (74.75 to 75.75): VV011966.D (-3448) (-)
 Ion 154.95 (154.65 to 155.65): VV011966.D (-3448) (-)
 Ion 156.90 (156.60 to 157.60): VV011966.D (-3448) (-)



#69
 Naphthalene
 Concen: 1.171 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV011966.D
 Acq: 23 Jul 2019 15:44

Tgt Ion: 128 Resp: 24090
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.2 12.2
 127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VV011966.D (-3782) (-)
 Ion 129.00 (128.70 to 129.70): VV011966.D (-3782) (-)
 Ion 127.00 (126.70 to 127.70): VV011966.D (-3782) (-)

