

Data File : VV011927.D
Acq On : 17 Jul 2019 21:53
Operator : SY/MD
Sample : K3823-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52W1

Quant Time: Jul 18 02:24:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	162900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54587	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	47067	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	70641	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.94	46	155324	51.40	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.40	84	108942	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	59460	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	219166	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	68198	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	185995	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	21546	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.13	63	93713	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41227	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	71666	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	9829	0.632 ug/L	84
8) Chloroethane	1.32	64	3865	0.437 ug/L	90
12) 1,1-Dichloroethene	2.14	96	891	0.103 ug/L #	1
13) Acetone	2.19	43	119137	77.688 ug/L	98
15) Methyl Acetate	2.19	43	109061	33.447 ug/L #	53
18) trans-1,2-Dichloroethene	2.79	96	5704	0.467 ug/L	90
21) 2-Butanone	4.03	43	52707	17.529 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	154347	12.282 ug/L	100
34) Trichloroethene	5.96	95	1871	0.135 ug/L	95
35) Methylcyclohexane	6.12	83	16571	0.788 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8255	0.678 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1776	0.107 ug/L #	27
40) 4-Methyl-2-pentanone	7.28	43	12300	1.681 ug/L #	90
48) 2-Hexanone	8.19	43	11077	2.115 ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.50	75	108	0.087 ug/L #	3
69) Naphthalene	13.55	128	24406	1.102 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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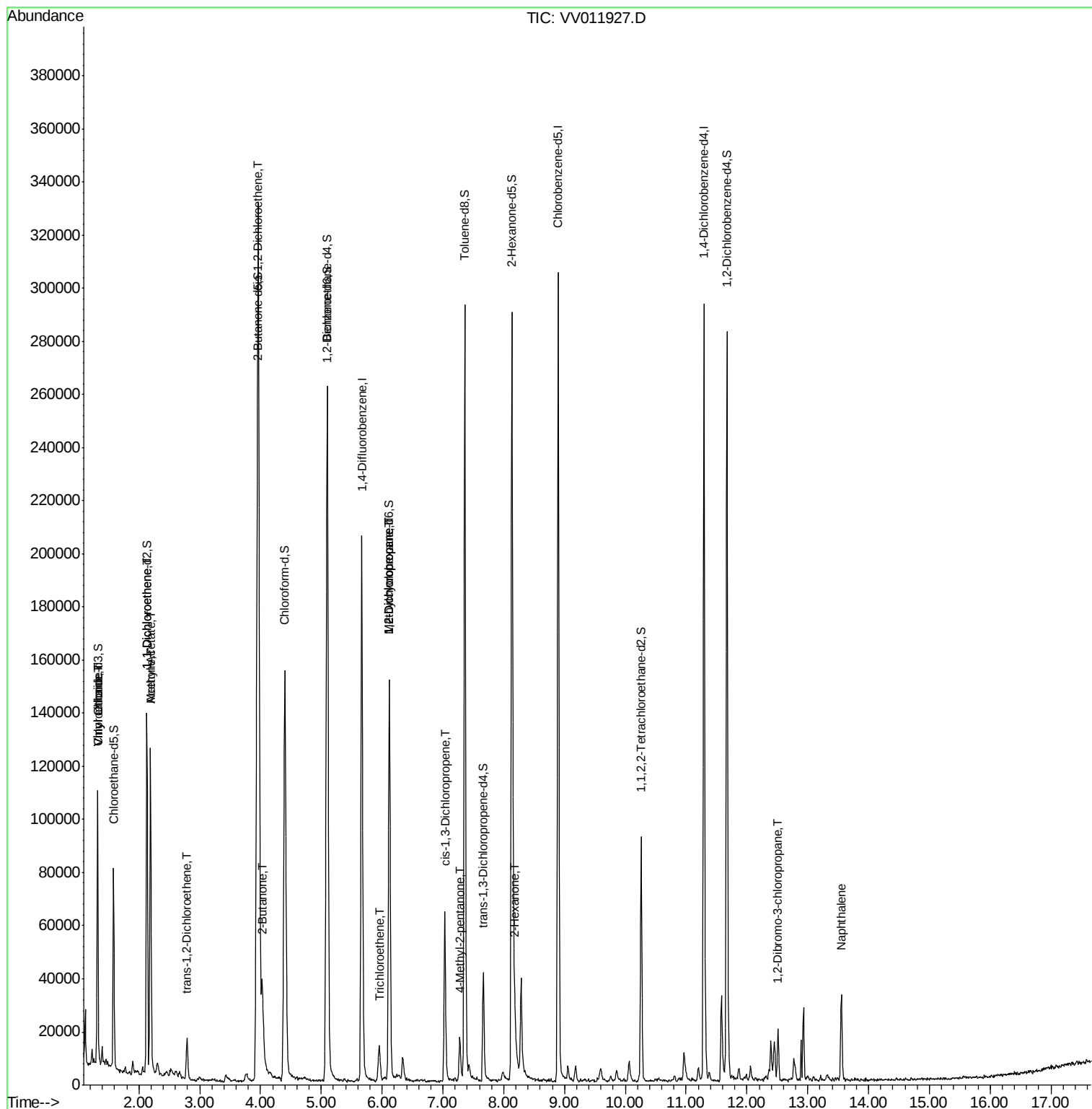
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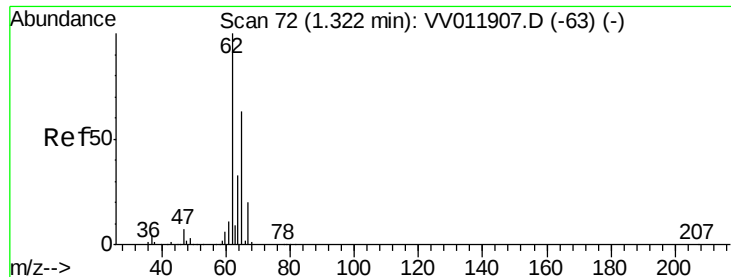
Data File : VV011927.D

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Acq On       : 17 Jul 2019   21:53
Operator    : SY/MD
Sample      : K3823-17
Misc       : 25ML/MSVOA_V/WATER
ALS Vial    : 30      Sample Multip
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#5

Vinyl chloride

Concen: 0.632 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

Instrument :

MSVOA_V

ClientSampled :

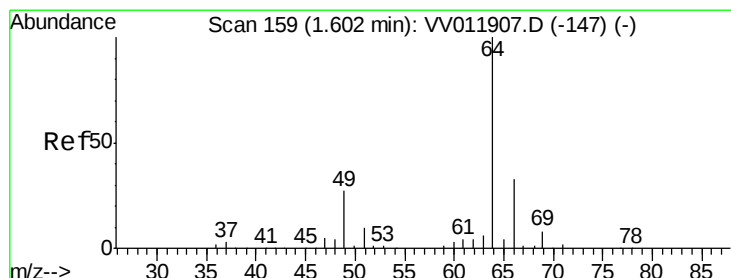
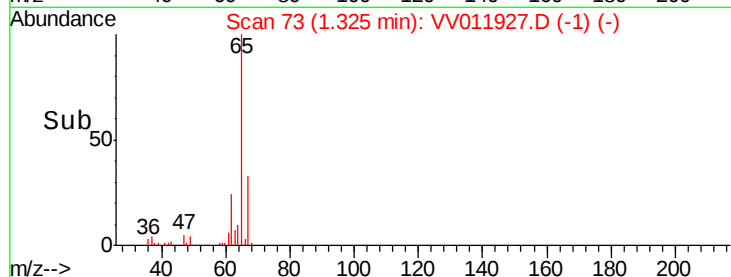
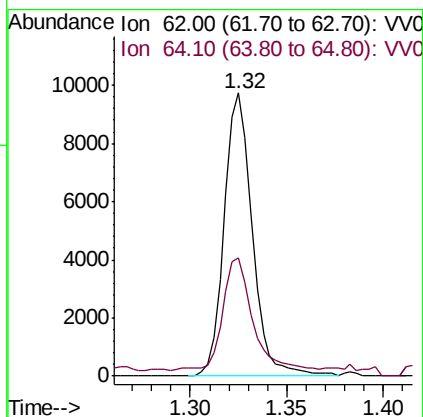
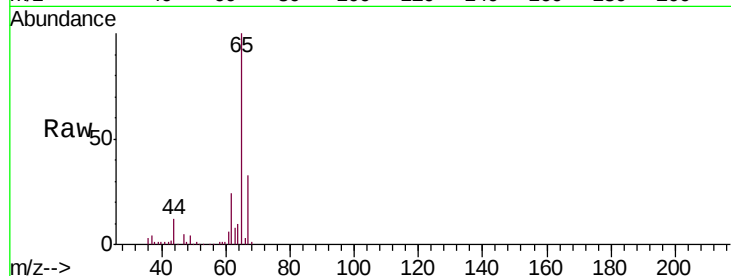
A52W1

Tgt Ion: 62 Resp: 9829

Ion Ratio Lower Upper

62 100

64 41.6 22.9 42.5



#8

Chloroethane

Concen: 0.437 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.28 min

Lab File: VV011927.D

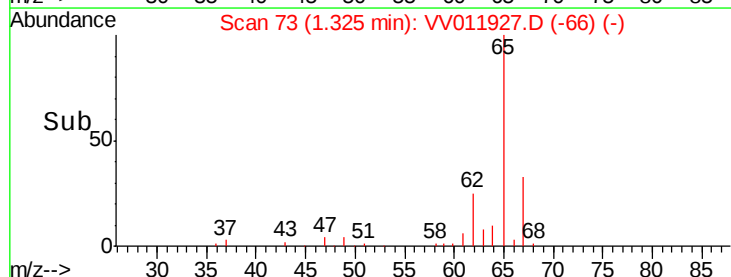
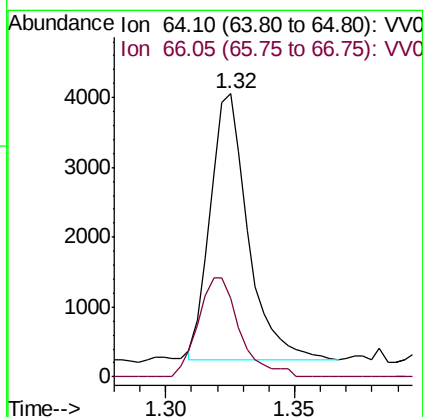
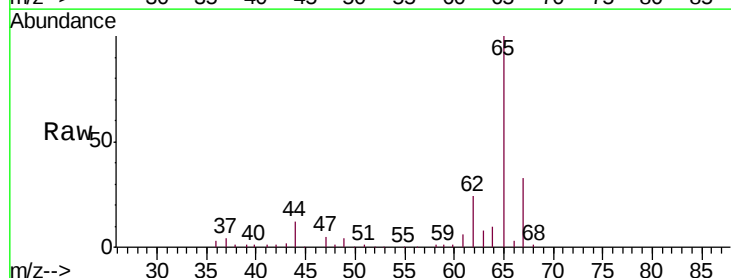
Acq: 17 Jul 2019 21:53

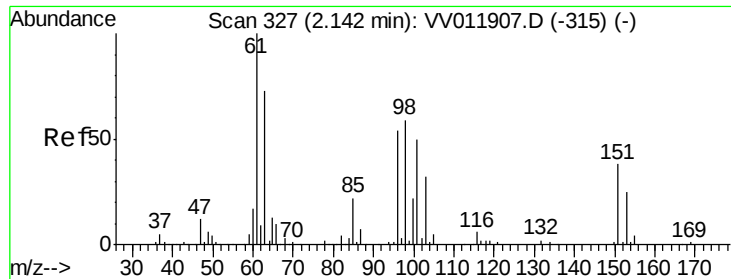
Tgt Ion: 64 Resp: 3865

Ion Ratio Lower Upper

64 100

66 27.7 23.2 43.2





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

Instrument :

MSVOA_V

ClientSampleId :

A52W1

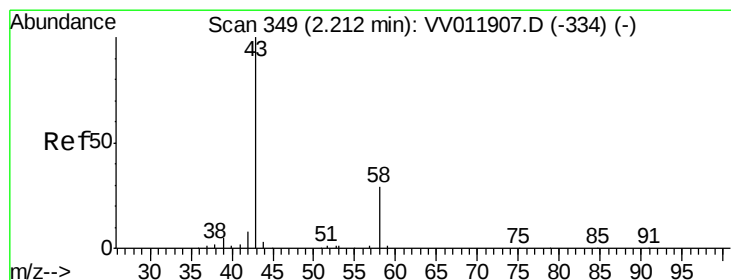
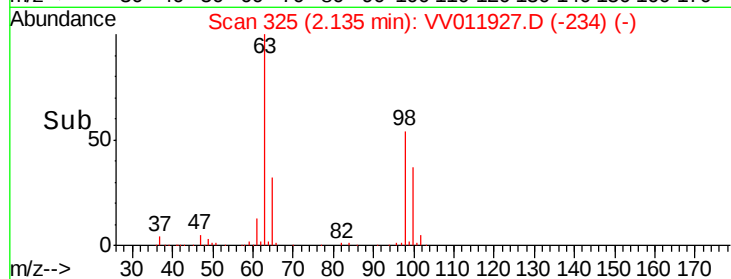
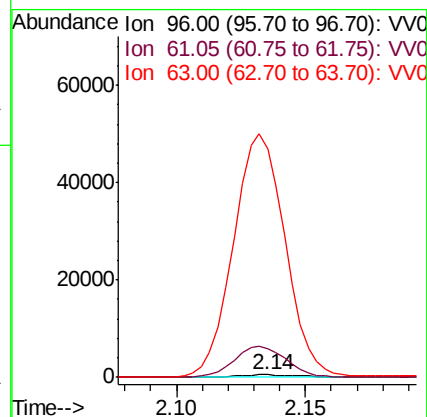
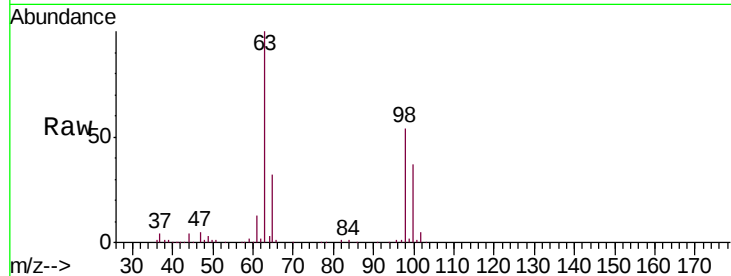
Tgt Ion: 96 Resp: 891

Ion Ratio Lower Upper

96 100

61 1205.5 128.9 239.3#

63 9548.0 85.5 158.9#



#13

Acetone

Concen: 77.688 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011927.D

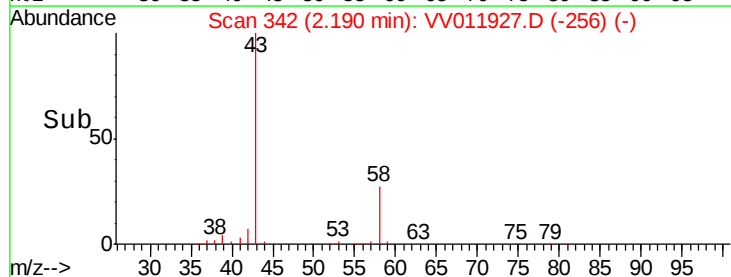
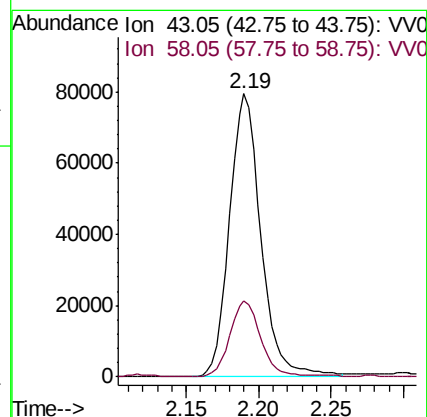
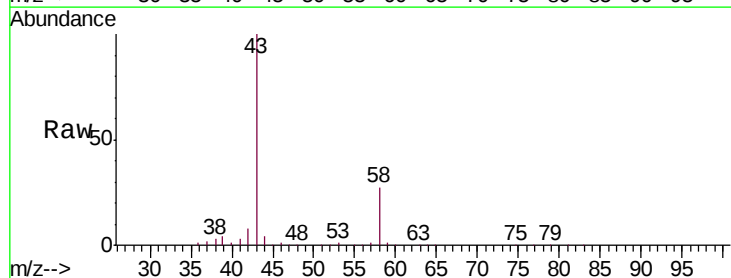
Acq: 17 Jul 2019 21:53

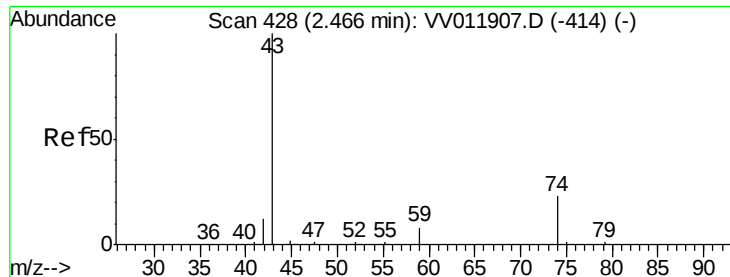
Tgt Ion: 43 Resp: 119137

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.6

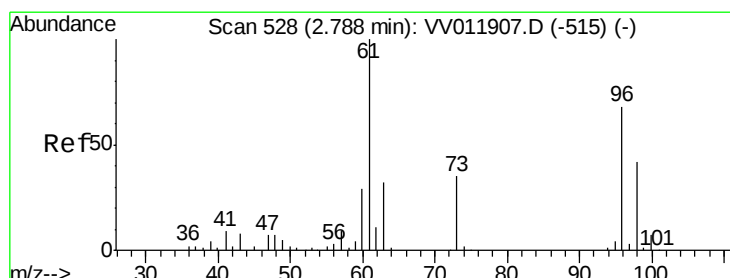
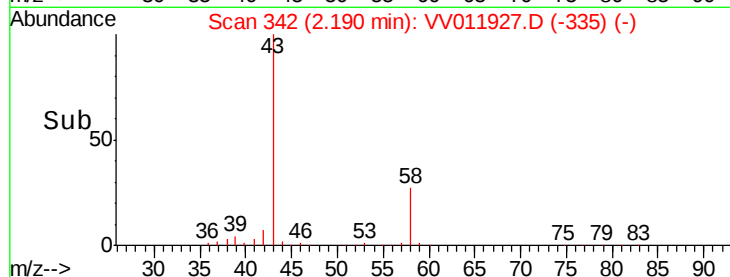
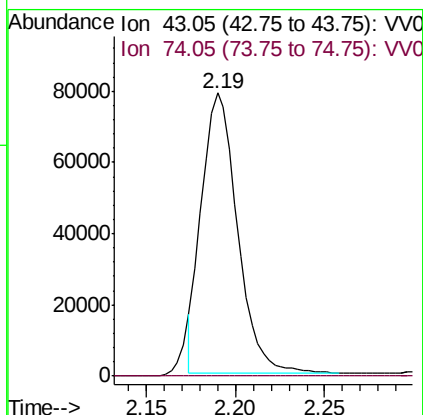
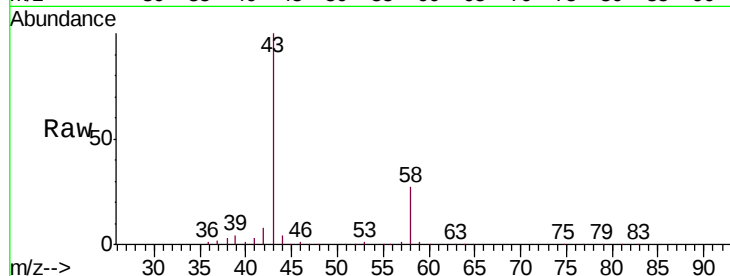




#15
Methyl Acetate
Concen: 33.447 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.28 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

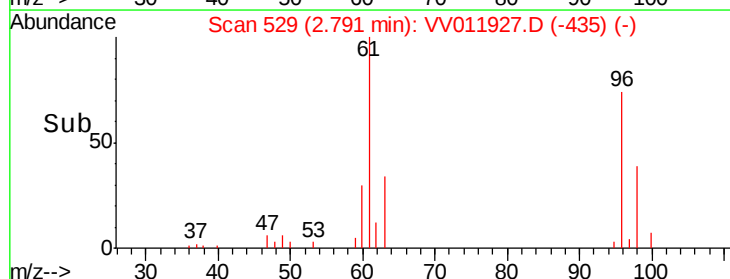
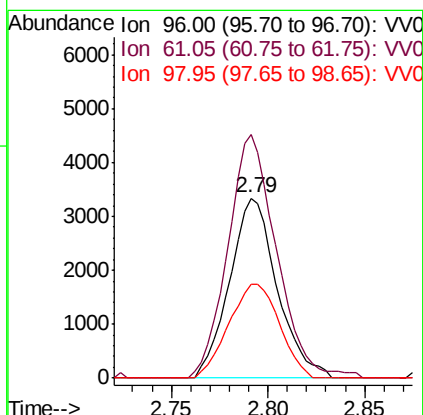
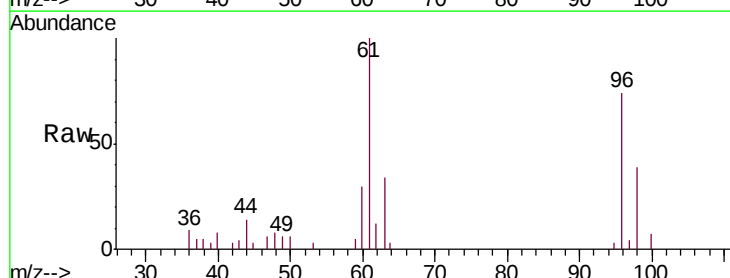
Instrument :
MSVOA_V
ClientSampled :
A52W1

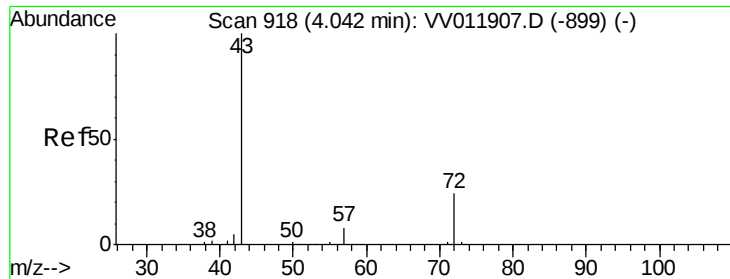
Tgt Ion: 43 Resp: 109061
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#18
trans-1,2-Dichloroethene
Concen: 0.467 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 96 Resp: 5704
Ion Ratio Lower Upper
96 100
61 135.4 102.2 189.8
98 52.4 44.4 82.5





#21

2-Butanone

Concen: 17.529 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.02 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

Instrument :

MSVOA_V

ClientSampleId :

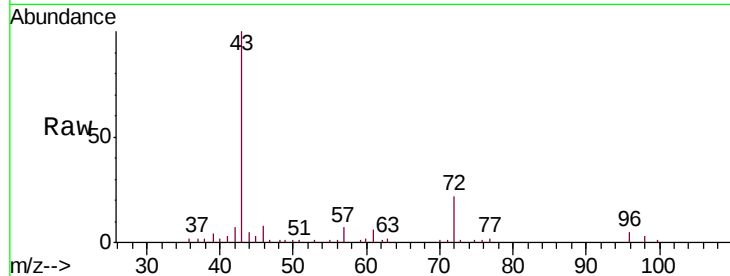
A52W1

Tgt Ion: 43 Resp: 52707

Ion Ratio Lower Upper

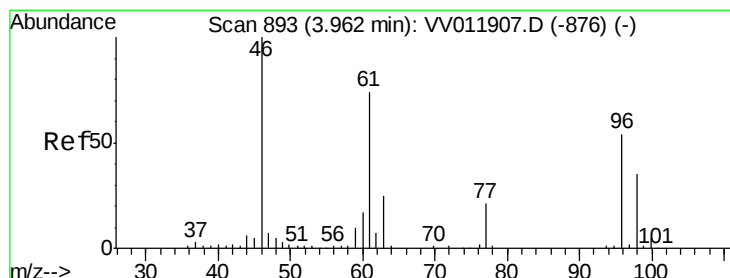
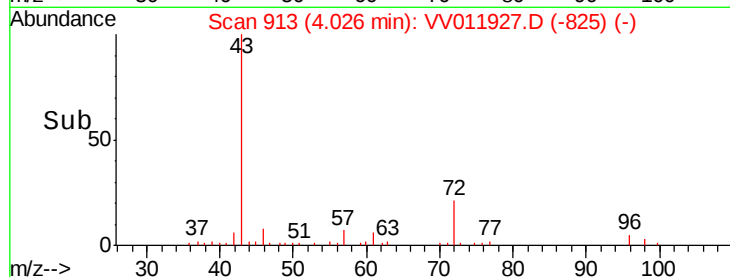
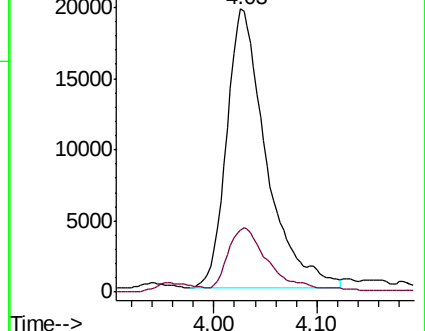
43 100

72 23.0 11.2 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 12.282 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

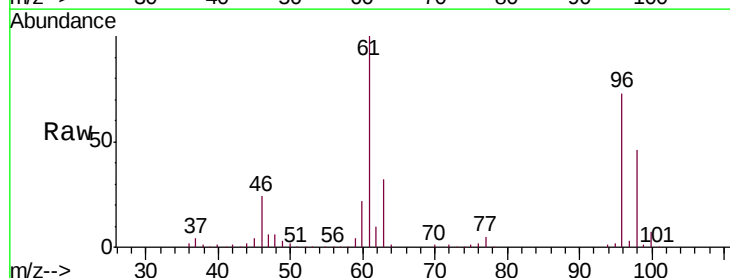
Tgt Ion: 96 Resp: 154347

Ion Ratio Lower Upper

96 100

61 136.6 95.2 176.8

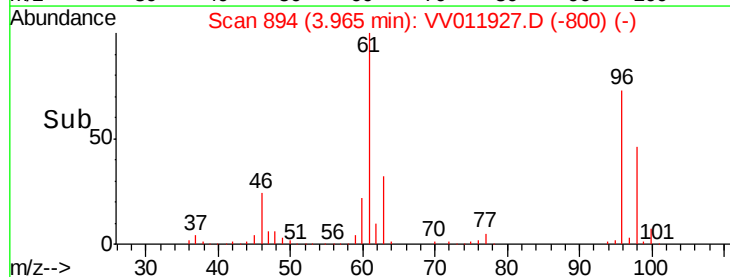
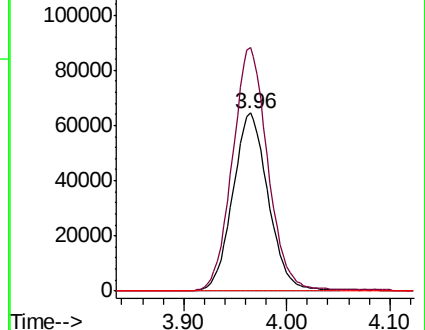
68 0.0 0.0 0.0

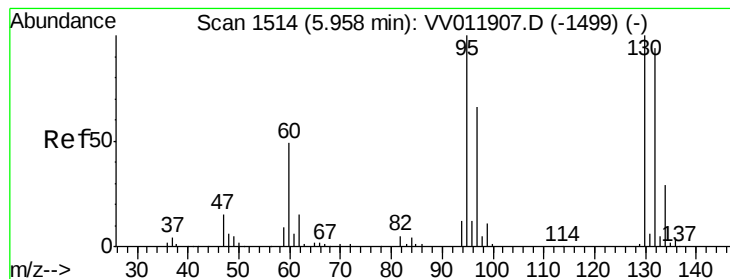


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.135 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

Instrument :

MSVOA_V

ClientSampleId :

A52W1

Tgt Ion: 95 Resp: 1871

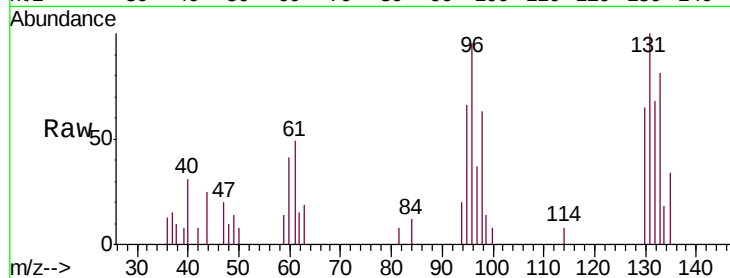
Ion Ratio Lower Upper

95 100

97 55.3 44.0 81.6

132 102.4 67.0 124.4

130 97.9 69.1 128.3



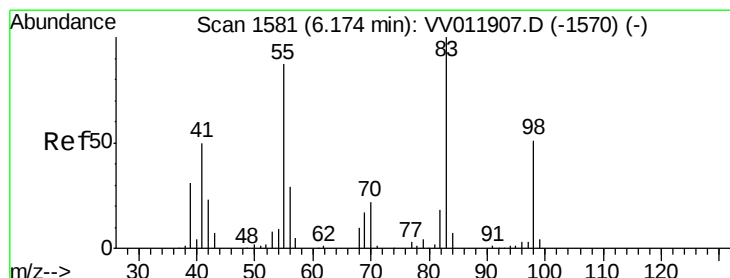
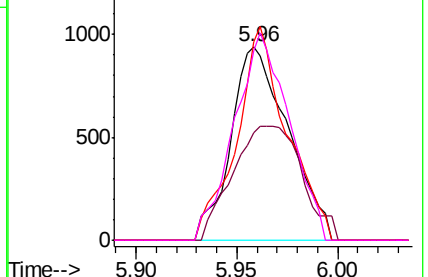
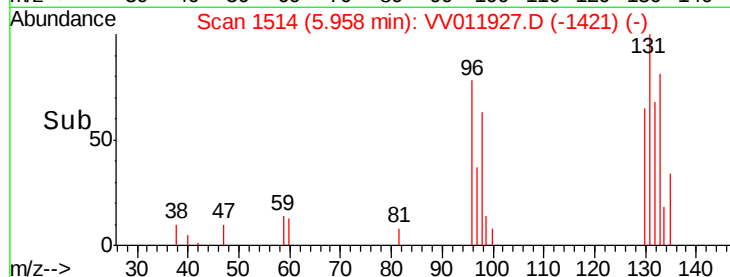
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

Time-->



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011927.D

Acq: 17 Jul 2019 21:53

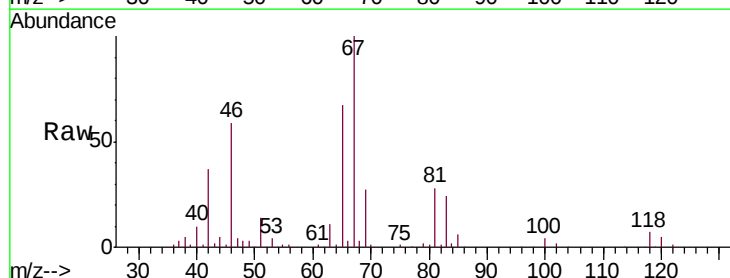
Tgt Ion: 83 Resp: 16571

Ion Ratio Lower Upper

83 100

55 0.9 66.7 100.1#

98 1.2 39.0 58.4#

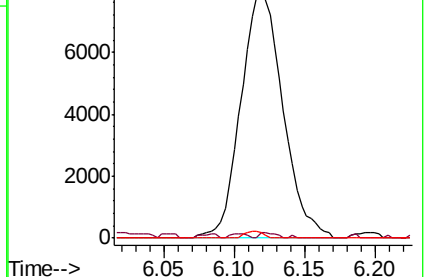
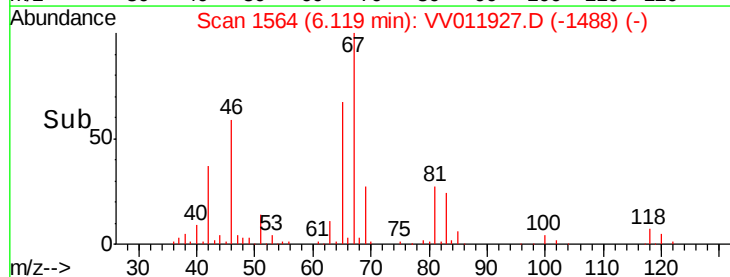


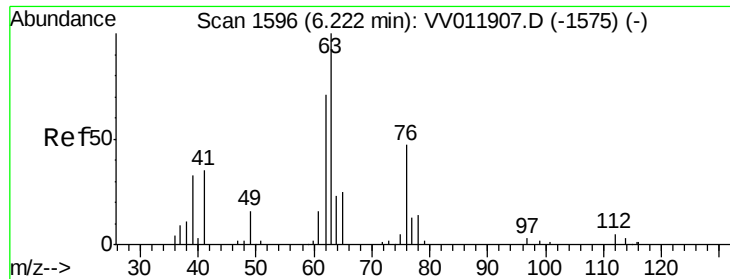
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

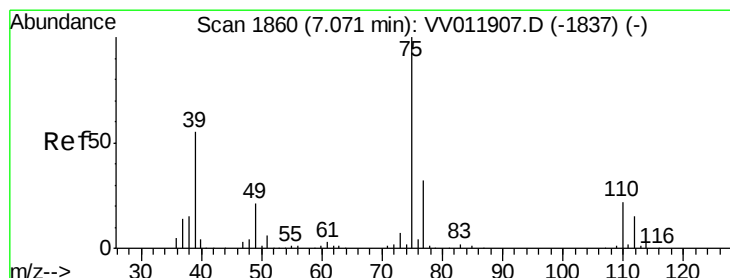
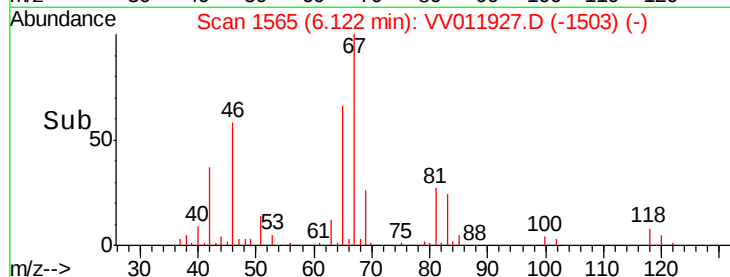
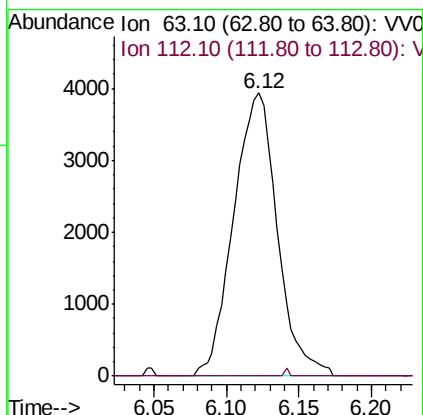
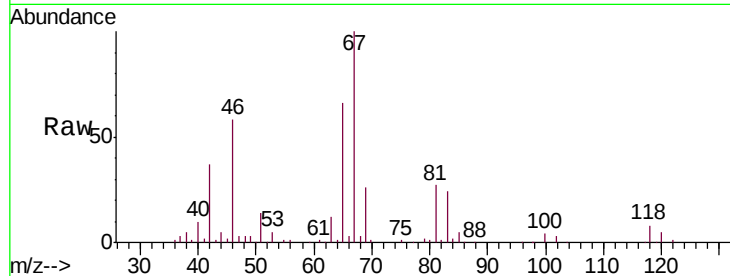




#37
 1,2-Dichloropropane
 Concen: 0.678 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV011927.D
 Acq: 17 Jul 2019 21:53

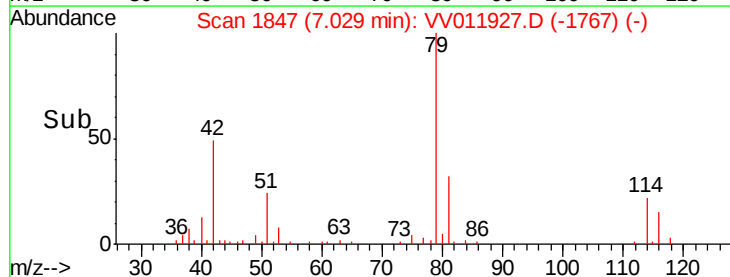
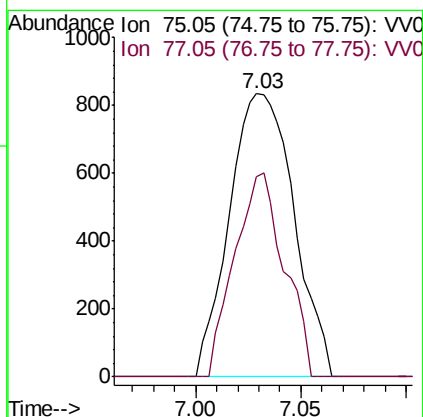
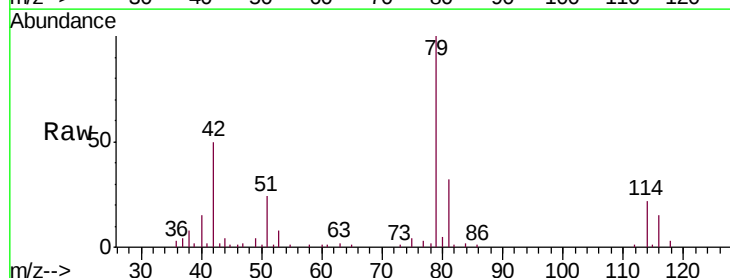
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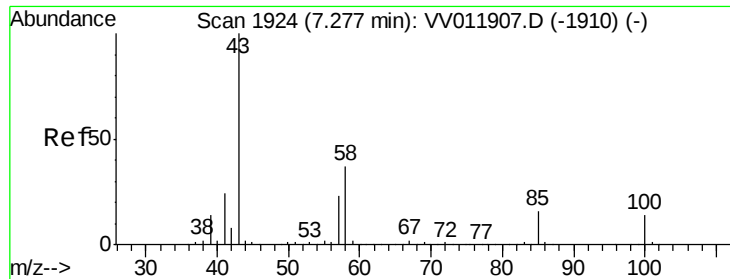
Tgt Ion: 63 Resp: 8255
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011927.D
 Acq: 17 Jul 2019 21:53

Tgt Ion: 75 Resp: 1776
 Ion Ratio Lower Upper
 75 100
 77 70.9 21.6 40.2#

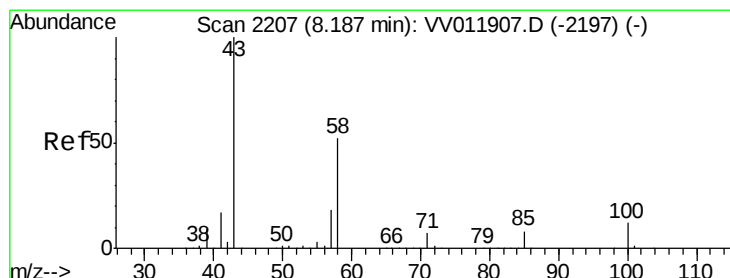
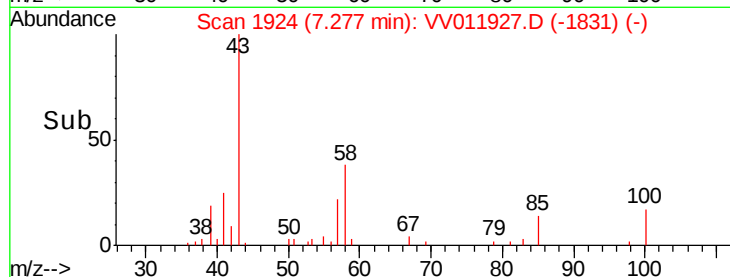
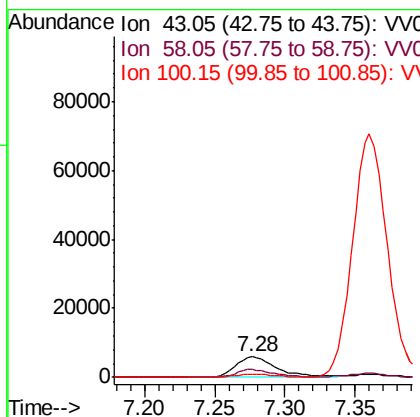
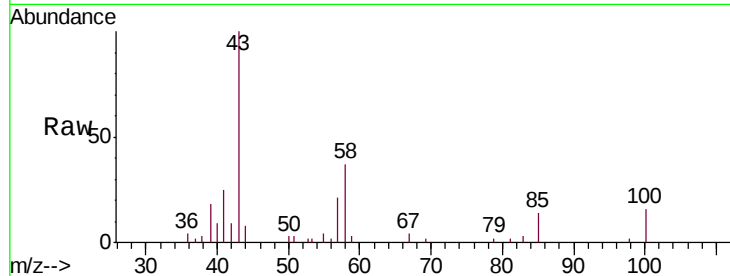




#40
4-Methyl-2-pentanone
Concen: 1.681 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

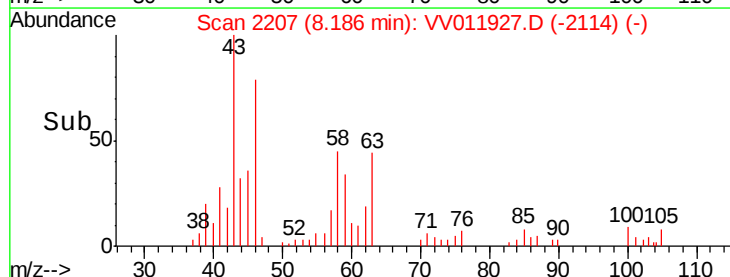
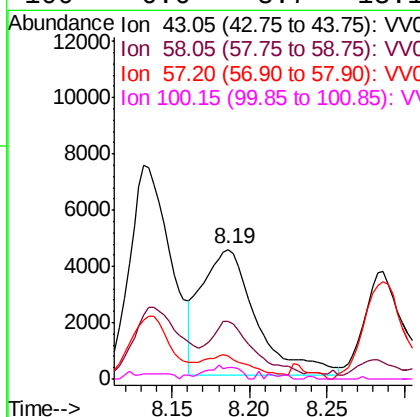
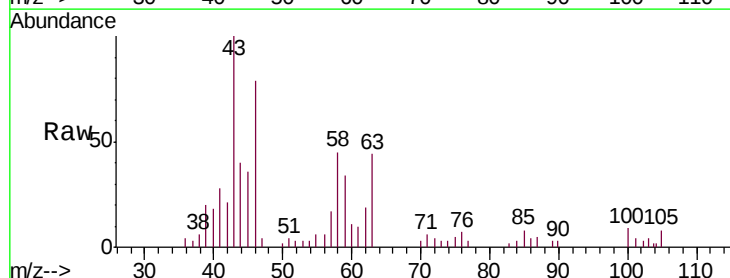
Instrument :
MSVOA_V
ClientSampleId :
A52W1

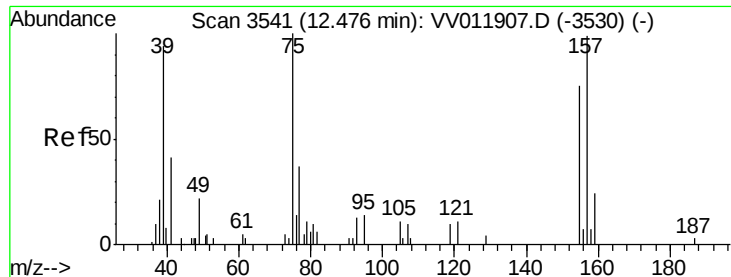
Tgt Ion: 43 Resp: 12300
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.2
100 0.0 11.1 16.7#



#48
2-Hexanone
Concen: 2.115 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 43 Resp: 11077
Ion Ratio Lower Upper
43 100
58 40.7 41.1 61.7#
57 12.6 14.3 21.5#
100 6.6 8.7 13.1#

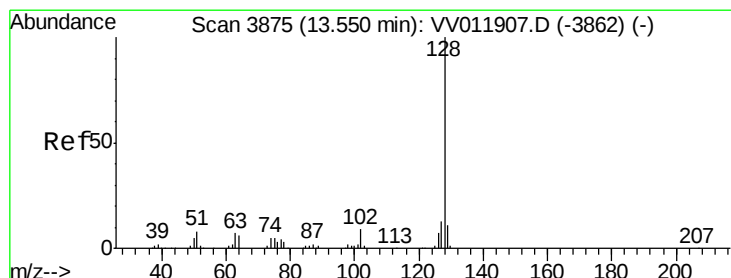
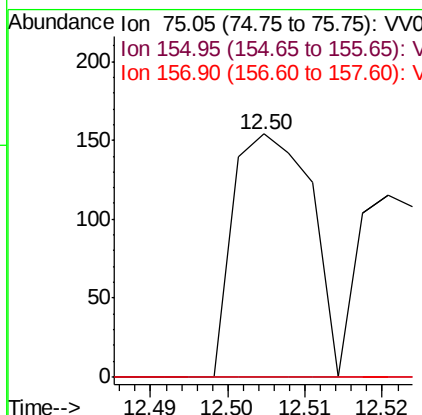
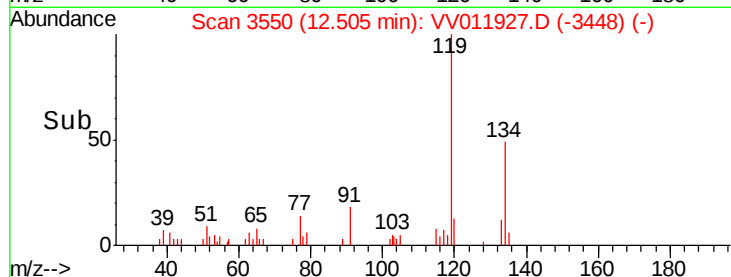
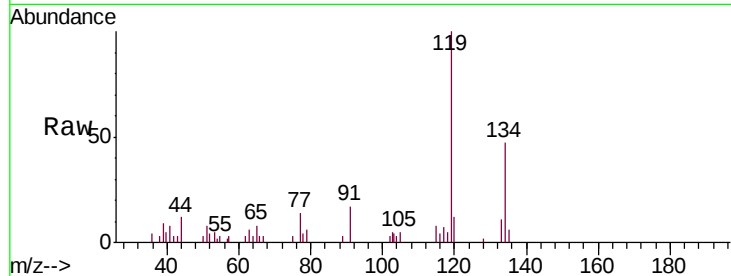




#66
1,2-Dibromo-3-chloropropane
Concen: 0.087 ug/L
RT: 12.50 min Scan# 3550
Delta R.T. 0.03 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
A52W1

Tgt Ion: 75 Resp: 108
Ion Ratio Lower Upper
75 100
155 0.0 59.4 89.0#
157 0.0 85.5 128.3#



#69
Naphthalene
Concen: 1.102 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 128 Resp: 24406
Ion Ratio Lower Upper
128 100
129 9.7 8.6 13.0
127 13.4 10.7 16.1

