

Data File : VW008343.D
Acq On : 17 Jan 2019 22:00
Operator : SY/VA
Sample : K1173-05
Misc : 6.42G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RT-5124

Quant Time: Jan 18 01:12:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	8884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	8094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4744	95.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.06%	
35) Dibromofluoromethane	7.88	113	3824	67.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.86%	
50) Toluene-d8	10.32	98	11002	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	3224	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	172	3.880	ug/l #	41
5) Bromomethane	2.79	94	78	1.817	ug/l #	5
6) Chloroethane	2.92	64	70	1.888	ug/l #	42
8) Diethyl Ether	3.67	74	66	2.289	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.99	101	101	2.086	ug/l #	18
11) Tert butyl alcohol	5.17	59	21	6.248	ug/l #	1
13) Acrolein	3.90	56	82	30.596	ug/l #	48
14) Allyl chloride	4.66	41	146	1.774	ug/l #	1
15) Acrylonitrile	5.37	53	84	7.583	ug/l #	69
16) Acetone	4.12	43	739	63.743	ug/l #	73
18) Methyl Acetate	4.68	43	197	6.361	ug/l #	51
20) Methylene Chloride	4.90	84	269	1.563	ug/l #	36
22) Diisopropyl ether	6.31	45	299	1.860	ug/l #	37
23) Vinyl Acetate	6.29	43	104	1.211	ug/l #	71
25) 2-Butanone	7.17	43	90	6.061	ug/l #	48
28) Bromochloromethane	7.52	49	64	1.587	ug/l #	97
29) Tetrahydrofuran	7.52	42	211	22.794	ug/l #	59
31) Cyclohexane	7.94	56	517	5.545	ug/l #	49
37) Ethyl Acetate	7.22	43	328	8.899	ug/l #	71
41) Methacrylonitrile	7.49	41	131	6.105	ug/l #	27
42) 1,2-Dichloroethane	8.40	62	143	2.020	ug/l #	74
43) Isopropyl Acetate	8.43	43	145	2.083	ug/l #	47
45) 1,2-Dichloropropane	9.40	63	75	1.193	ug/l #	45
48) Methyl methacrylate	9.44	41	85	2.593	ug/l #	41
49) 1,4-Dioxane	9.44	88	26	49.274	ug/l #	1
51) 4-Methyl-2-Pentanone	10.30	43	136	3.858	ug/l	100
52) Toluene	10.38	92	435	2.715	ug/l	78
55) 1,1,2-Trichloroethane	10.77	97	72	1.584	ug/l #	37
58) 2-Chloroethyl Vinyl ether	9.76	63	64	2.485	ug/l	98
59) 2-Hexanone	10.99	43	140	5.668	ug/l	82
61) 1,2-Dibromoethane	11.26	107	70	1.590	ug/l #	3
74) N-amyl acetate	12.27	43	280	5.877	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.59	83	62	1.640	ug/l #	76
76) 1,2,3-Trichloropropane	12.76	75	89	3.203	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\
Quantitation Report (Not Reviewed)

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Instrument :
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QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	1926	165.428	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.26	105	199	1.053	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	14.52	75	19	3.073	ug/l #	1
95) Naphthalene	15.38	128	245	4.324	ug/l #	93

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

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MSVOA_W
ClientSampleId :
RT-5124

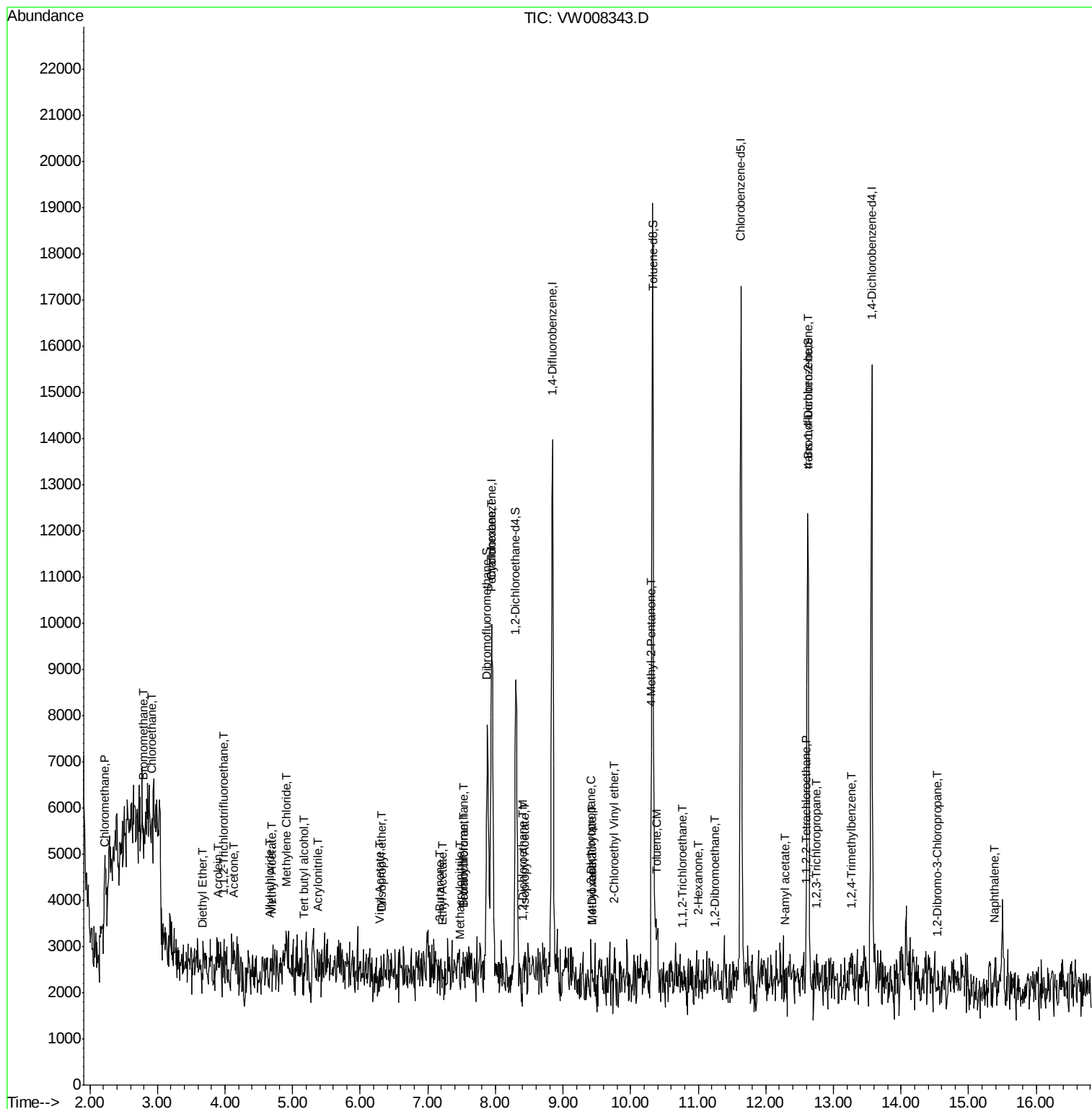
Quant Time: Jan 18 01:12:03 2019

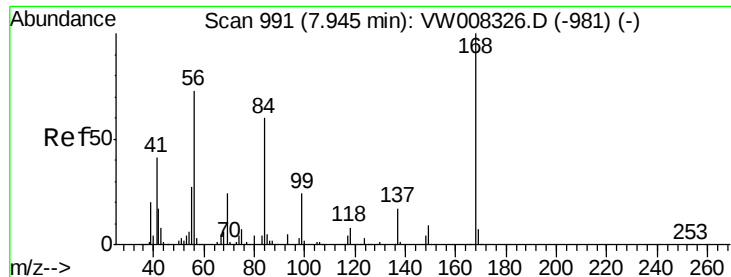
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W011719S.M

Quant Title : SW846 8260

QLast Update : Fri Jan 18 00:57:07 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

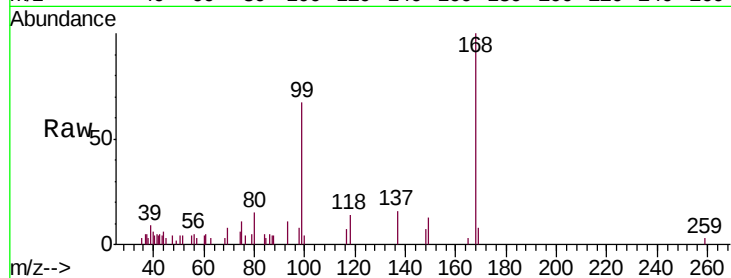
RT-5124

Tgt Ion:168 Resp: 4799

Ion Ratio Lower Upper

168 100

99 67.1 44.6 66.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

2000

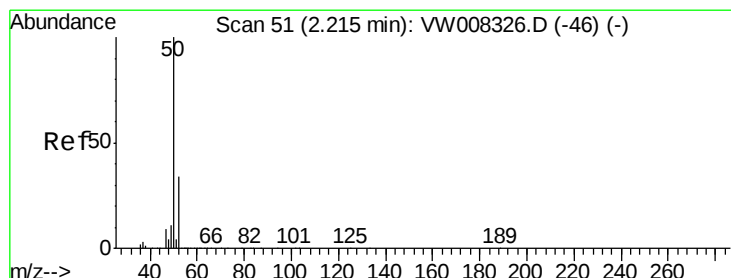
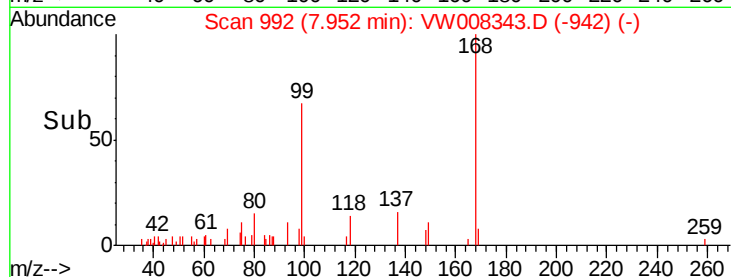
1500

1000

500

0

Time-->



#3

Chloromethane

Concen: 3.880 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008343.D

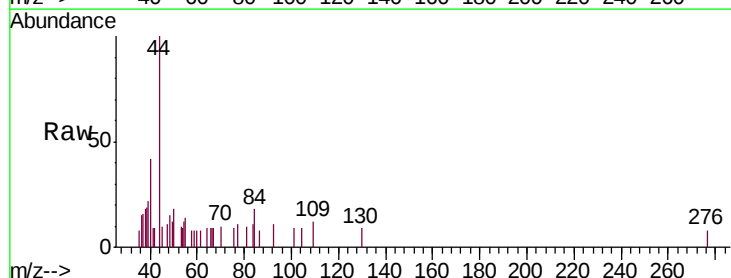
Acq: 17 Jan 2019 22:00

Tgt Ion: 50 Resp: 172

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

200

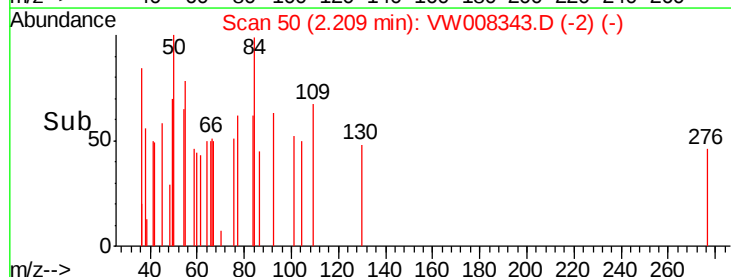
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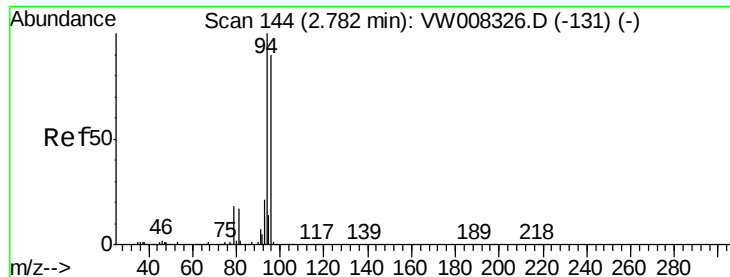
100

50

0

Time-->





#5

Bromomethane

Concen: 1.817 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

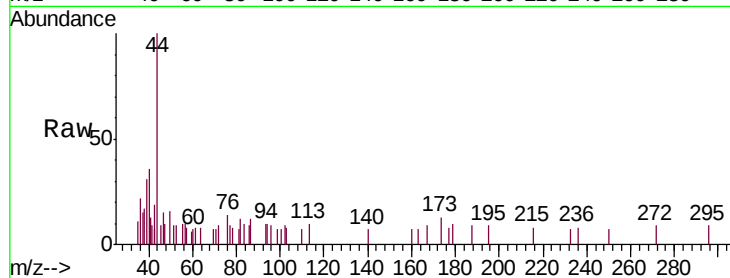
RT-5124

Tgt Ion: 94 Resp: 78

Ion Ratio Lower Upper

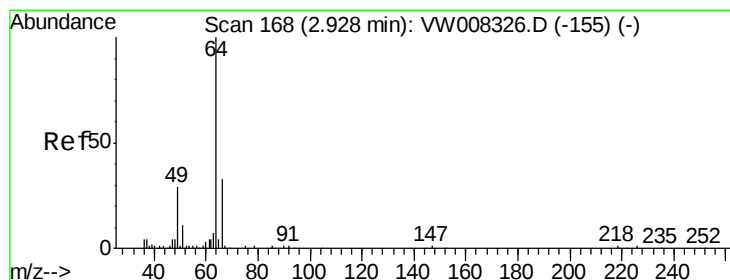
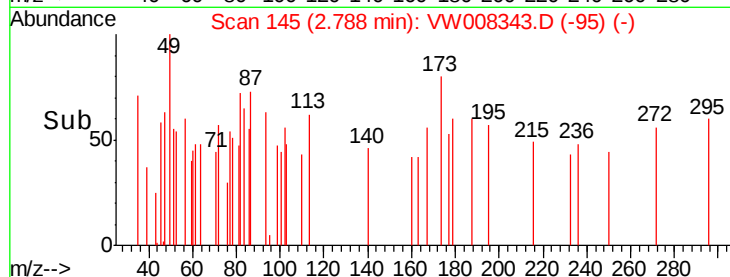
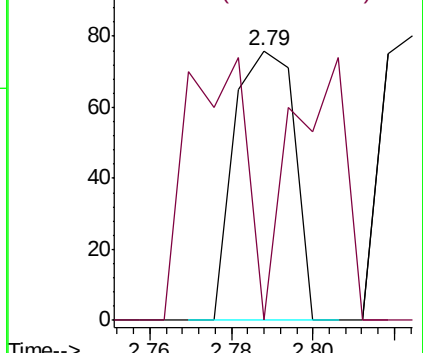
94 100

96 0.0 71.4 107.0#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 1.888 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW008343.D

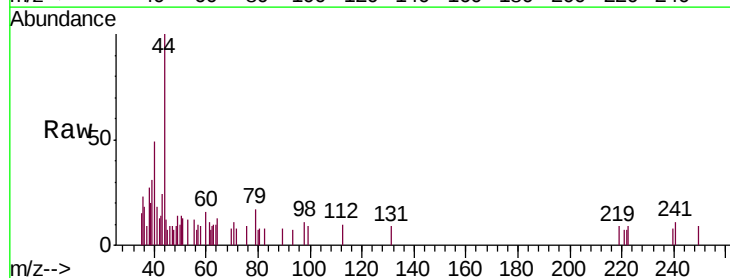
Acq: 17 Jan 2019 22:00

Tgt Ion: 64 Resp: 70

Ion Ratio Lower Upper

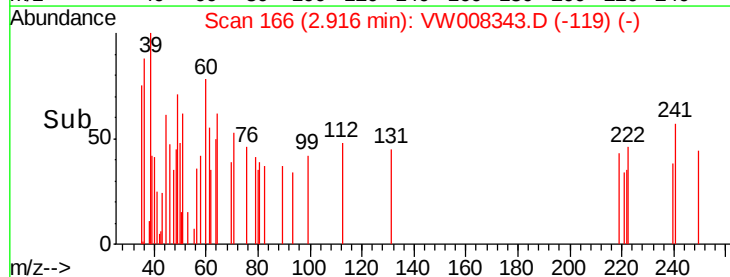
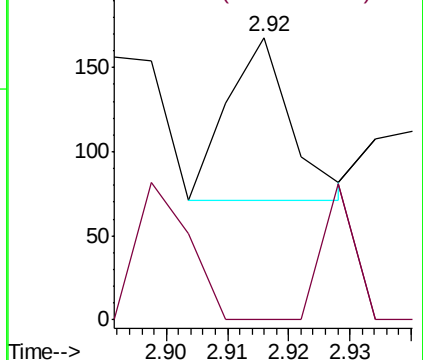
64 100

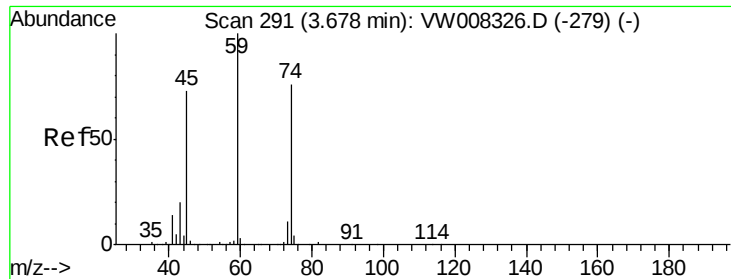
66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#8

Diethyl Ether

Concen: 2.289 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

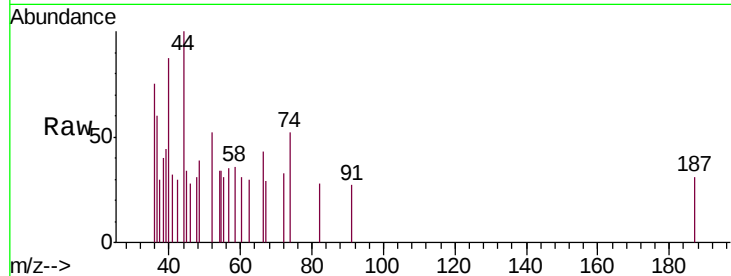
RT-5124

Tgt Ion: 74 Resp: 66

Ion Ratio Lower Upper

74 100

45 116.7 50.1 150.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

150

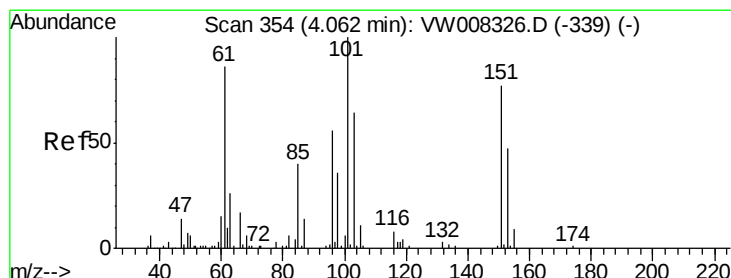
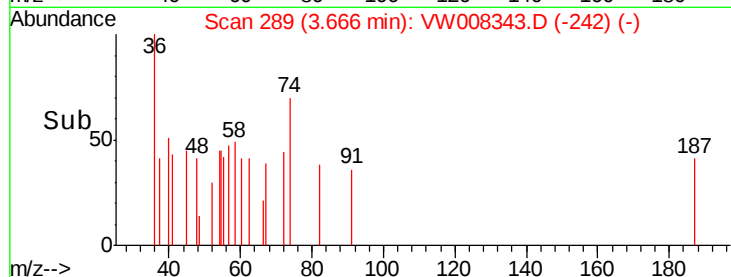
100

50

0

3.64 3.66 3.68

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.086 ug/l

RT: 3.99 min Scan# 342

Delta R.T. -0.07 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

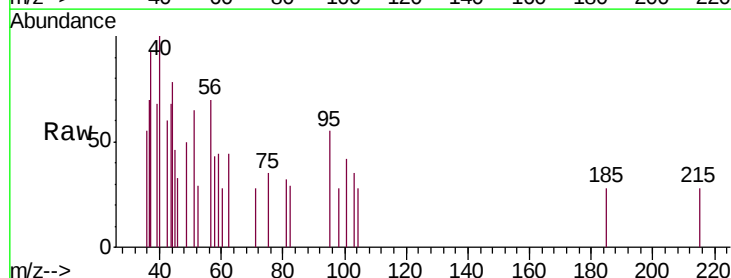
Tgt Ion: 101 Resp: 101

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

151 0.0 62.3 93.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V

150

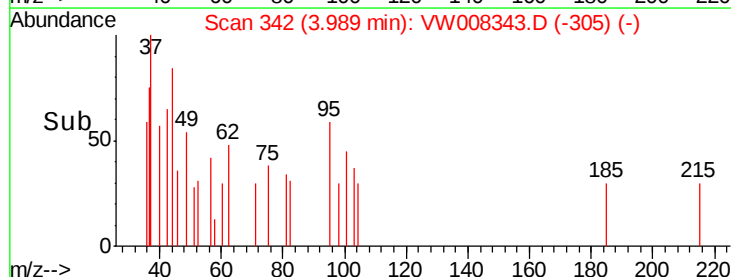
100

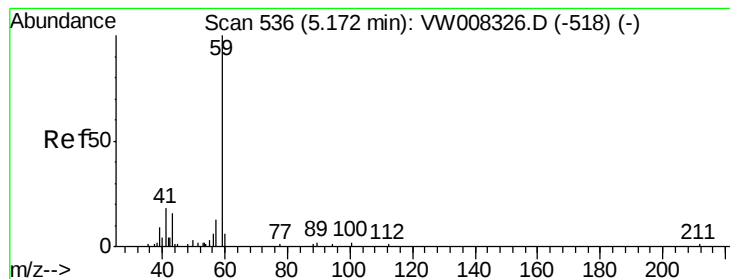
50

0

3.96 3.98 4.00 4.02

Time-->



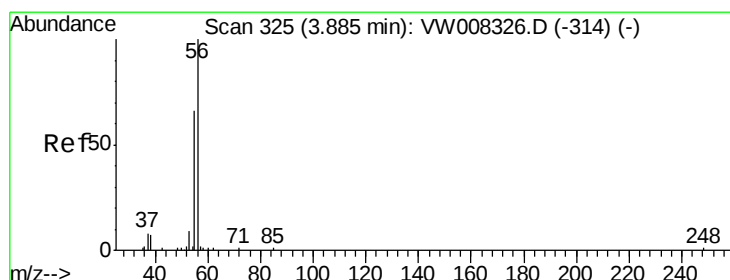
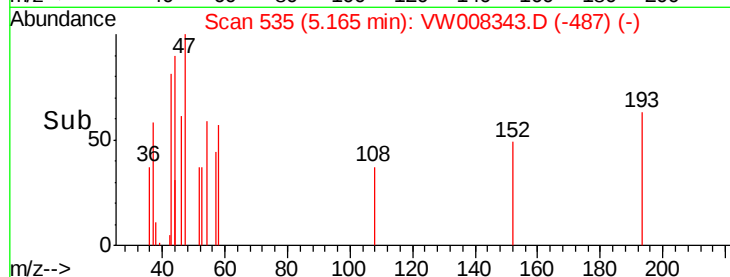
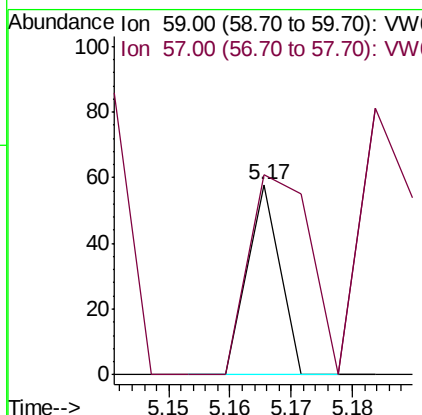
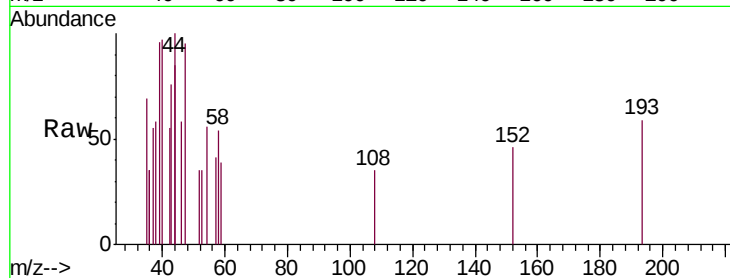


#11

Tert butyl alcohol
Concen: 6.248 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Instrument :
MSVOA_W
ClientSampled :
RT-5124

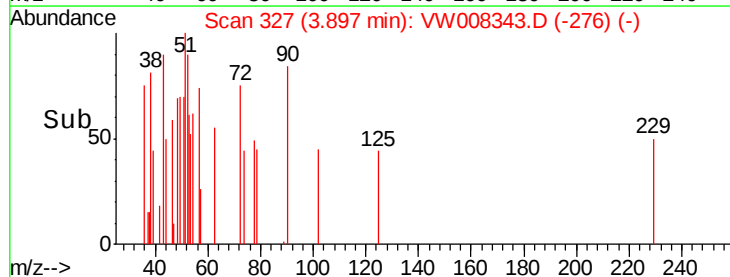
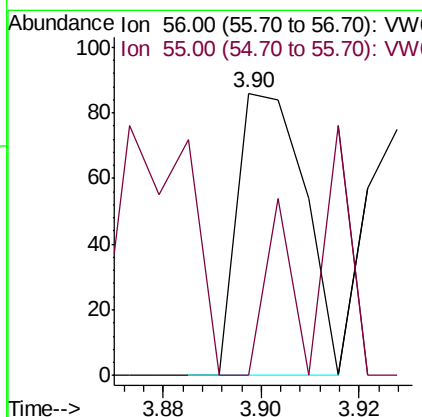
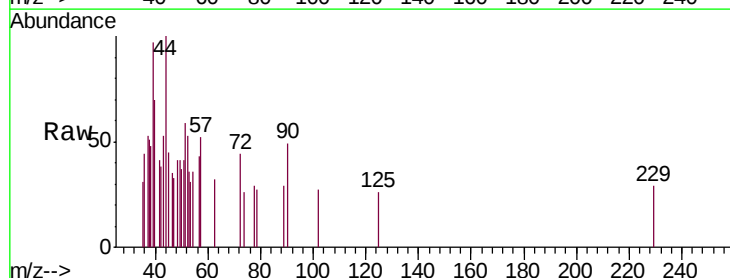
Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 200.0 9.4 14.2#

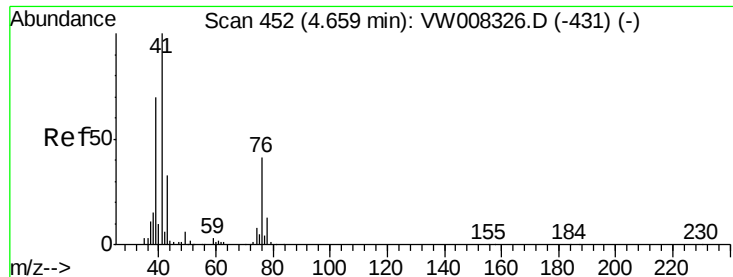


#13

Acrolein
Concen: 30.596 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 24.4 52.9 79.3#

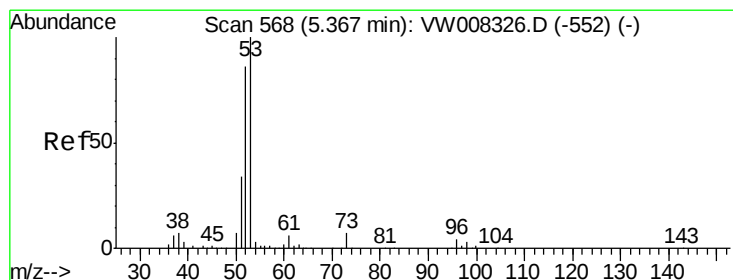
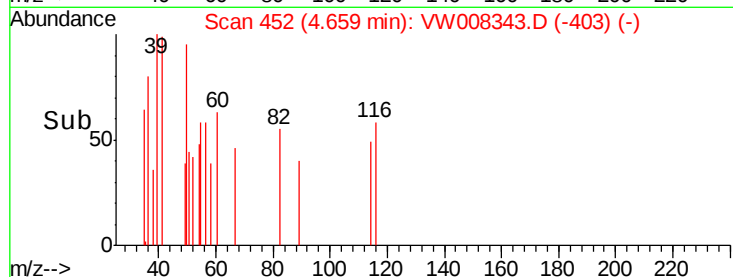
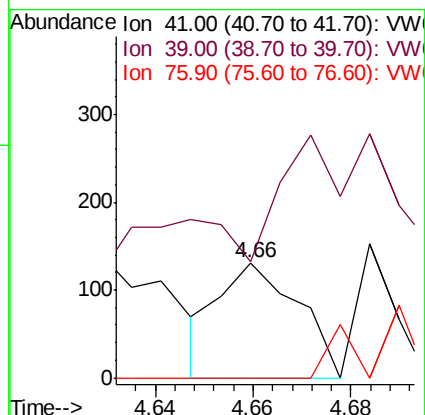
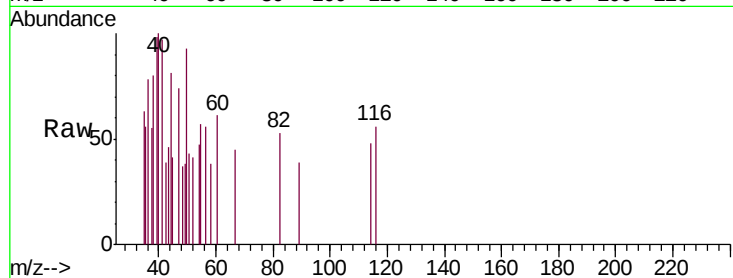




#14
 Allyl chloride
 Concen: 1.774 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

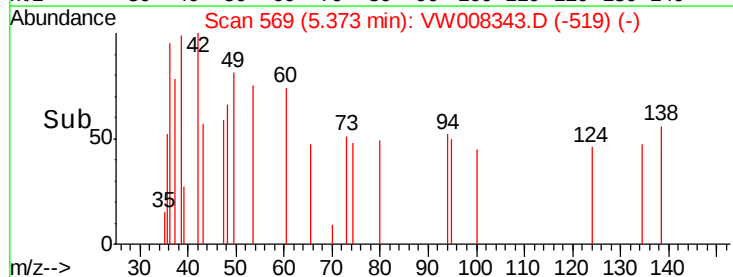
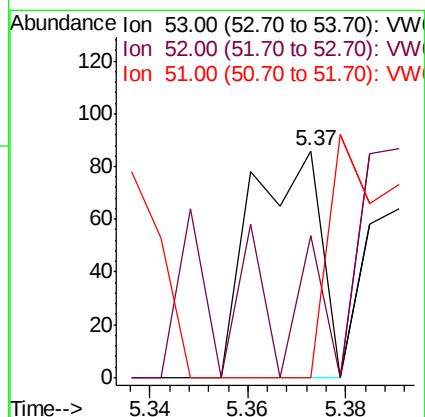
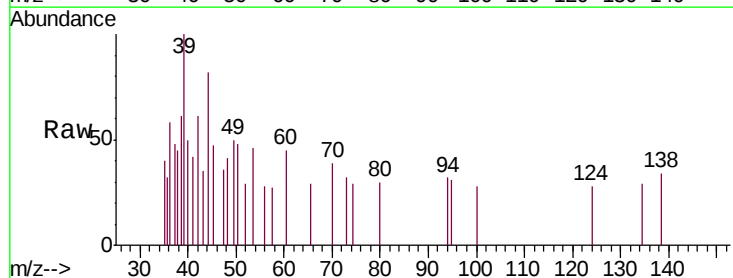
Instrument :
 MSVOA_W
 ClientSampled :
 RT-5124

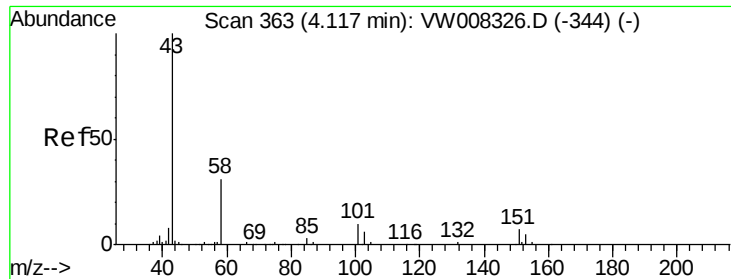
Tgt Ion: 41 Resp: 146
 Ion Ratio Lower Upper
 41 100
 39 277.4 54.1 81.1#
 76 0.0 29.5 44.3#



#15
 Acrylonitrile
 Concen: 7.583 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion: 53 Resp: 84
 Ion Ratio Lower Upper
 53 100
 52 98.8 66.4 99.6
 51 0.0 29.6 44.4#





#16

Acetone

Concen: 63.743 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

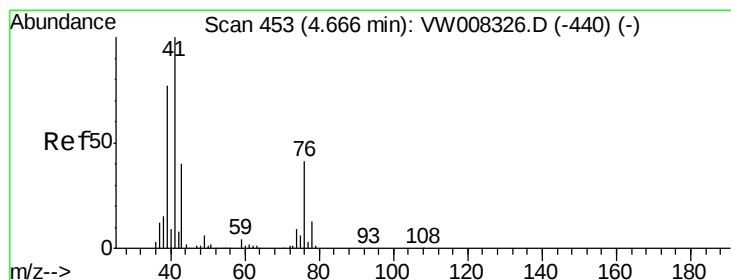
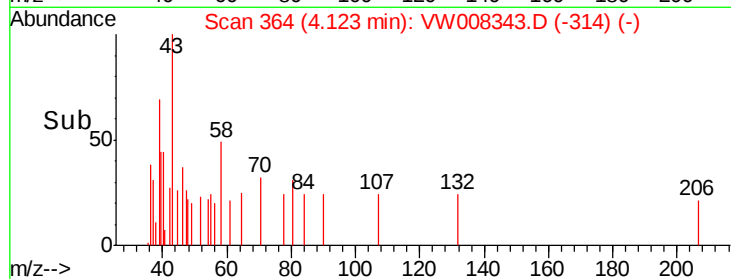
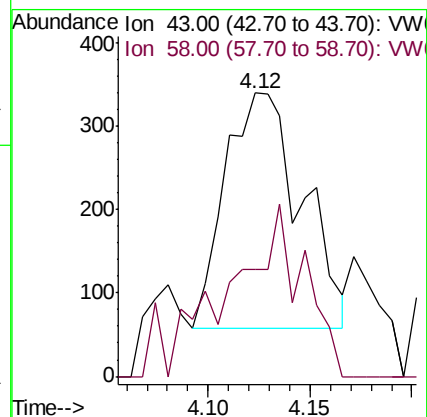
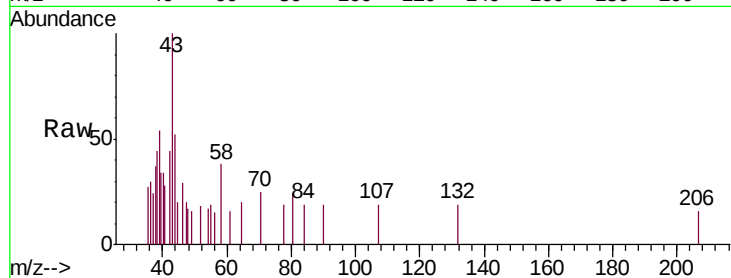
RT-5124

Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

58 45.7 24.7 37.1#



#18

Methyl Acetate

Concen: 6.361 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW008343.D

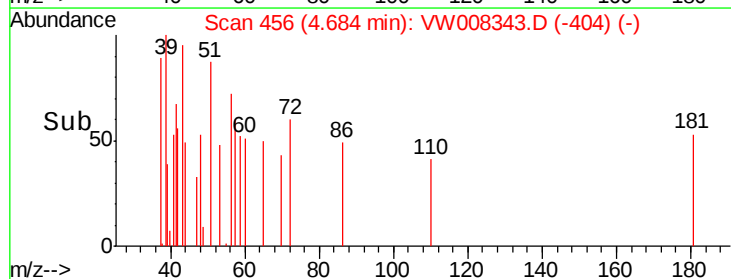
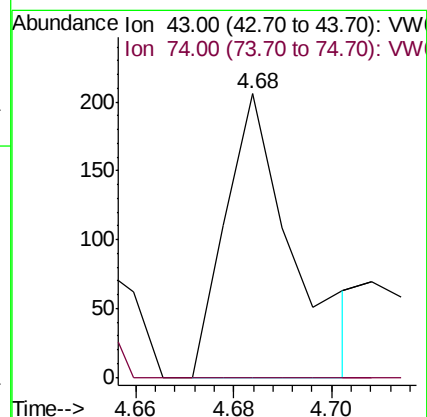
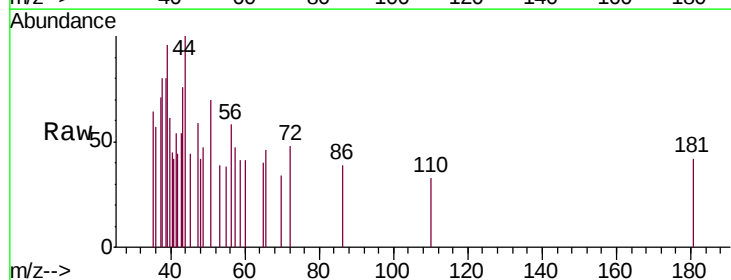
Acq: 17 Jan 2019 22:00

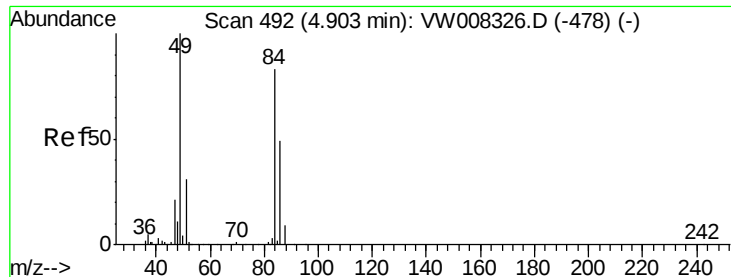
Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#

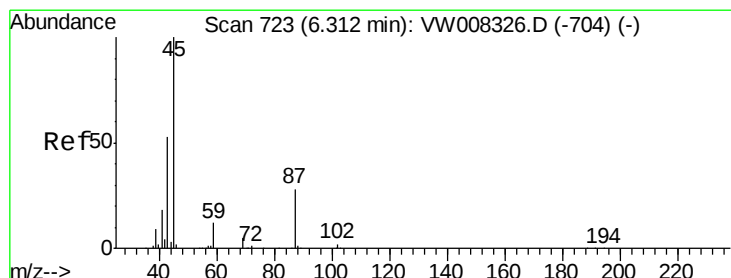
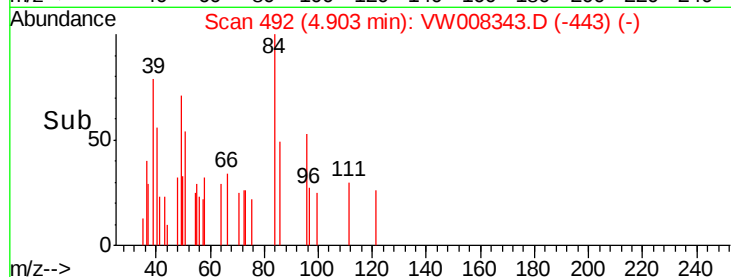
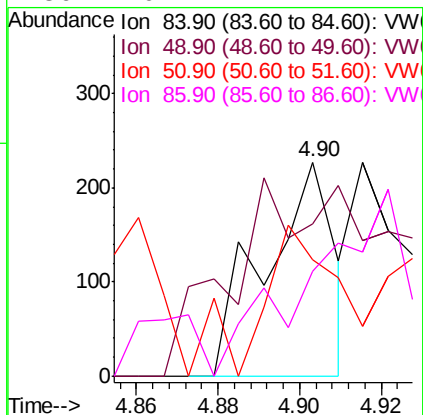
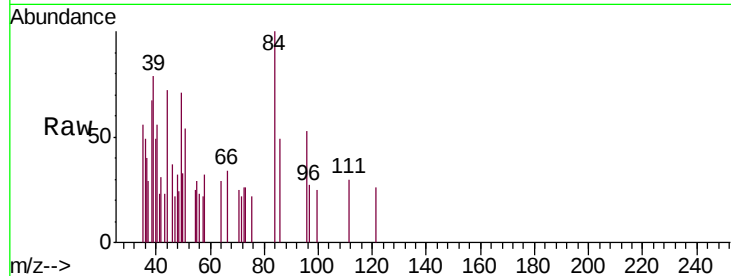




#20
Methylene Chloride
Concen: 1.563 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

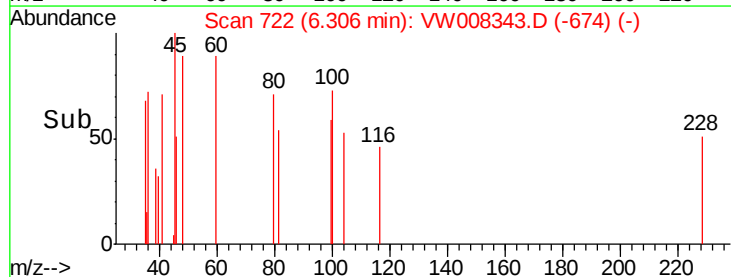
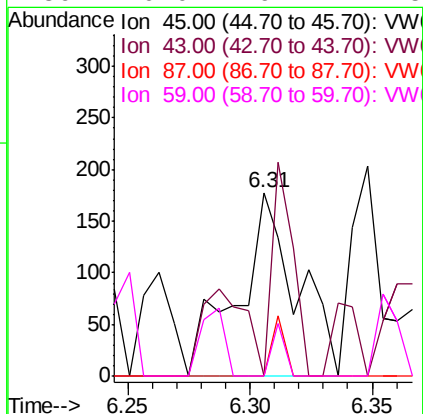
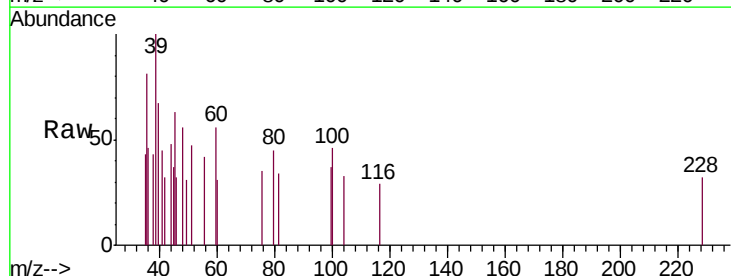
Instrument :
MSVOA_W
ClientSampled :
RT-5124

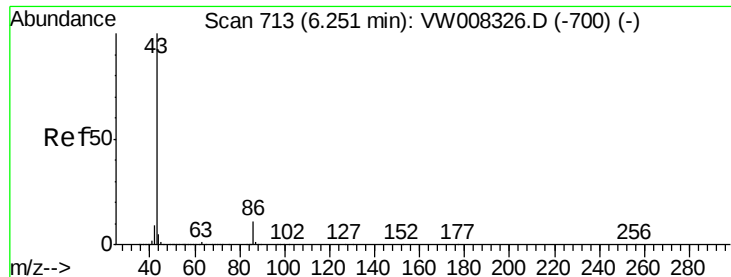
Tgt Ion:	84	Resp:	269
Ion	Ratio	Lower	Upper
84	100		
49	29.5	95.9	143.9#
51	54.2	29.3	43.9#
86	20.7	47.4	71.2#



#22
Diisopropyl ether
Concen: 1.860 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion:	45	Resp:	299
Ion	Ratio	Lower	Upper
45	100		
43	0.0	42.5	63.7#
87	0.0	22.2	33.2#
59	0.0	9.7	14.5#





#23

Vinyl Acetate

Concen: 1.211 ug/l

RT: 6.29 min Scan# 719

Delta R.T. 0.04 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

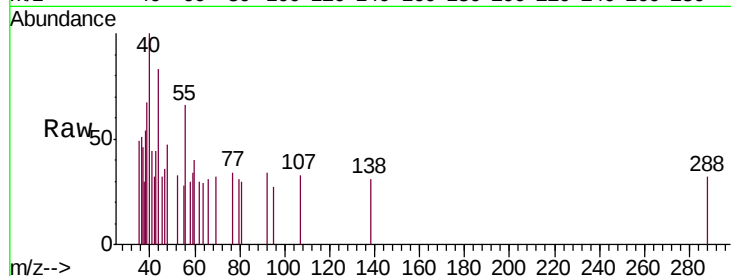
RT-5124

Tgt Ion: 43 Resp: 104

Ion Ratio Lower Upper

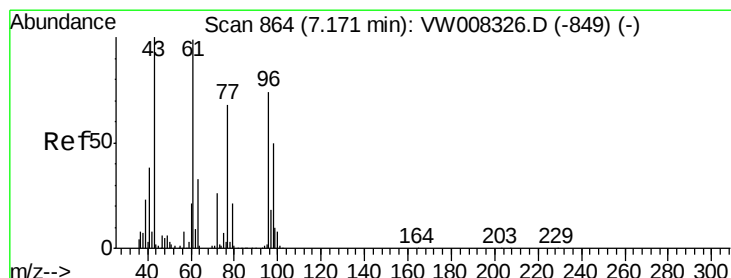
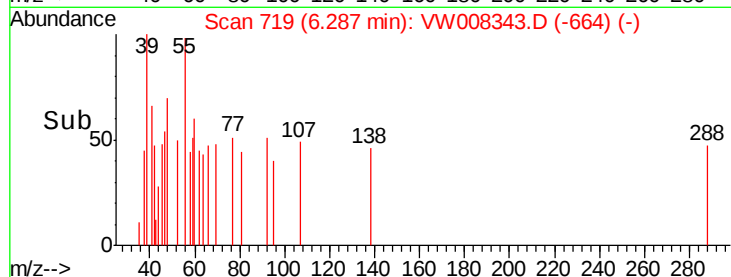
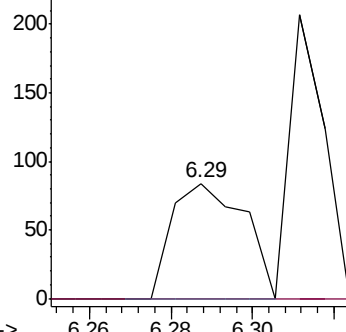
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#25

2-Butanone

Concen: 6.061 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008343.D

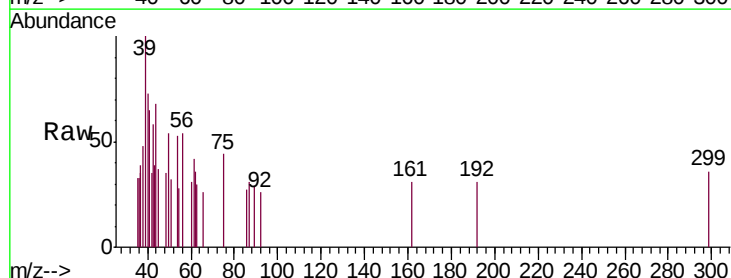
Acq: 17 Jan 2019 22:00

Tgt Ion: 43 Resp: 90

Ion Ratio Lower Upper

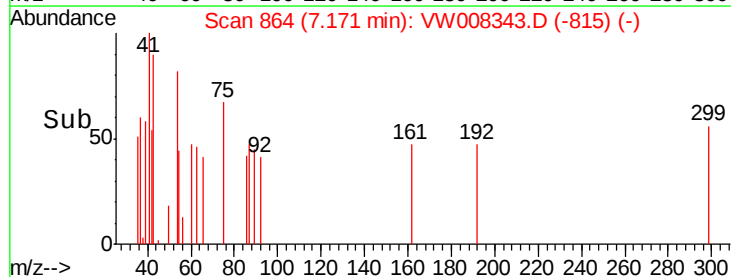
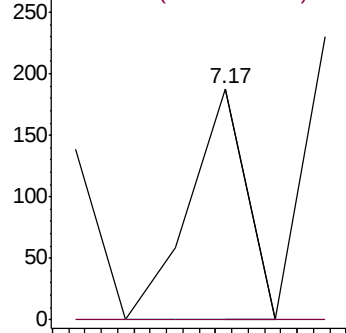
43 100

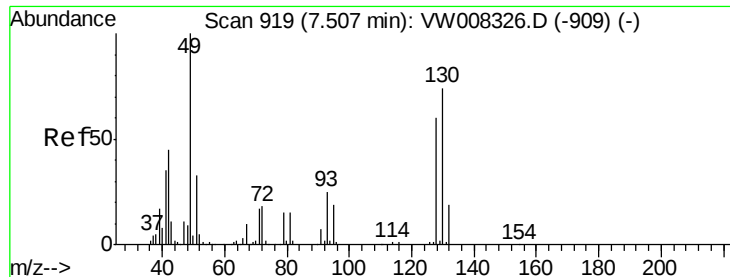
72 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#28

Bromochloromethane

Concen: 1.587 ug/l

RT: 7.52 min Scan# 922

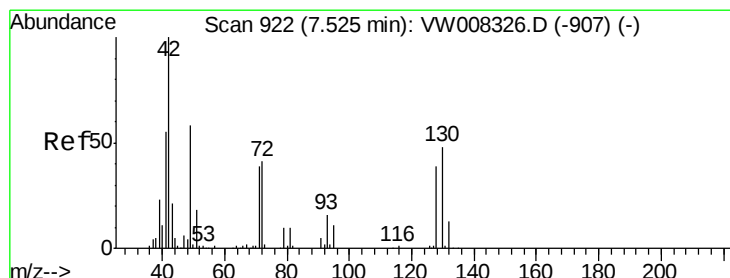
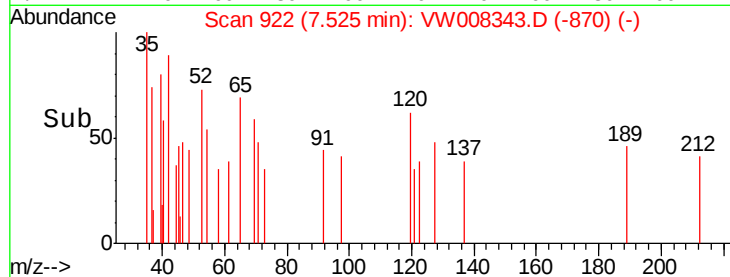
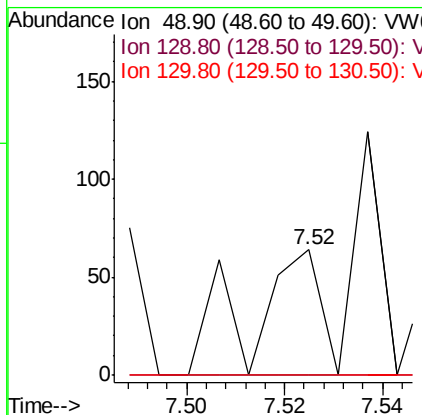
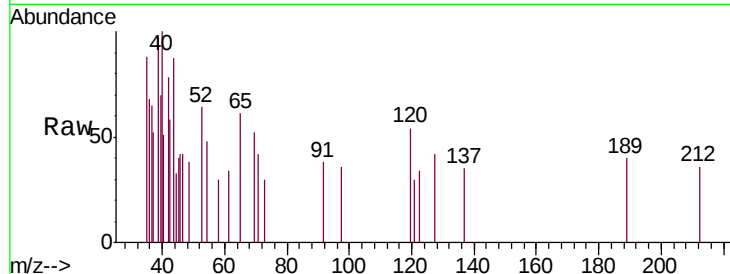
Delta R.T. 0.02 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :
MSVOA_W
ClientSampled :
RT-5124

Tgt Ion:	49	Resp:	64
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	0.0	0.0	0.0



#29

Tetrahydrofuran

Concen: 22.794 ug/l

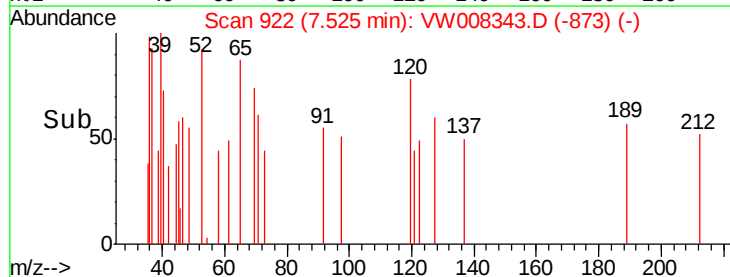
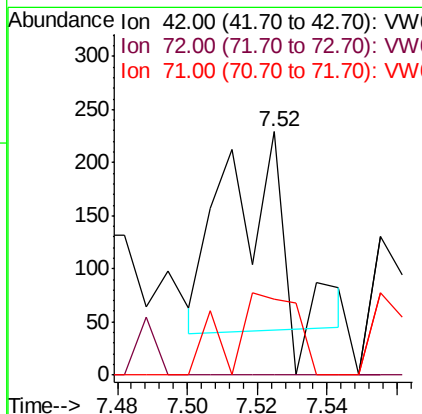
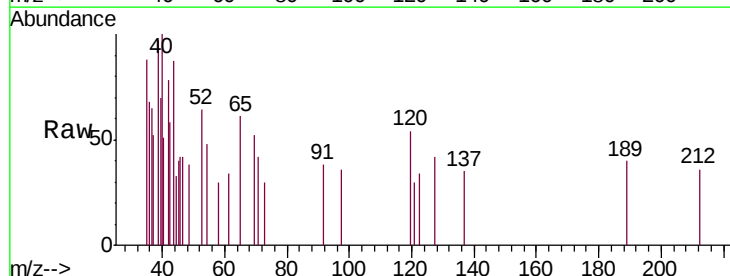
RT: 7.52 min Scan# 922

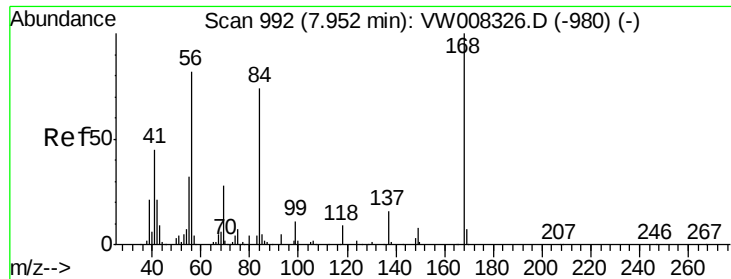
Delta R.T. -0.00 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Tgt Ion:	42	Resp:	211
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	47.9	32.0	48.0

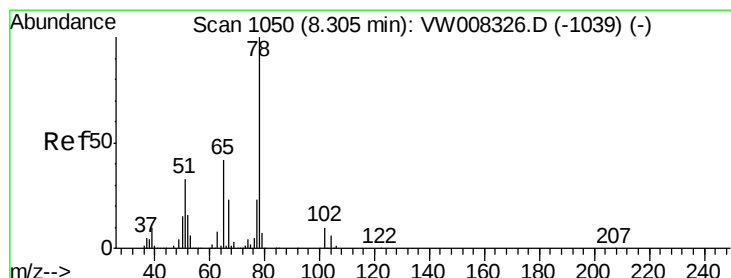
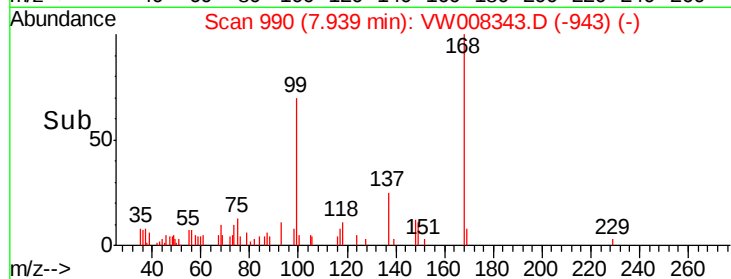
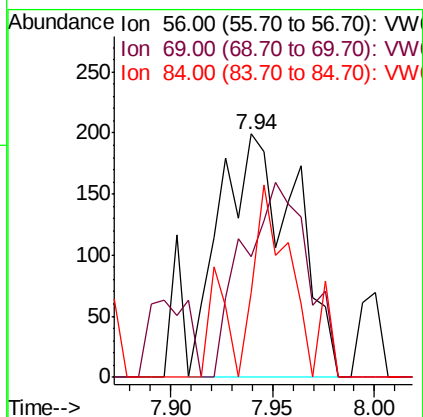
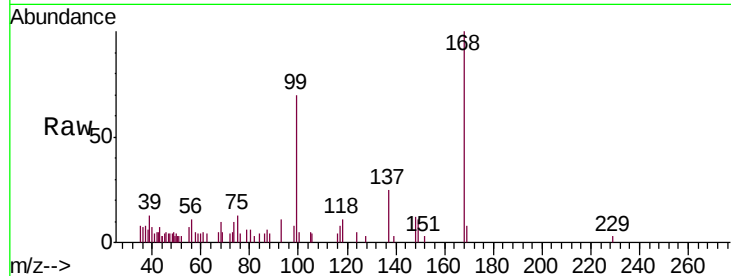




#31
Cyclohexane
Concen: 5.545 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

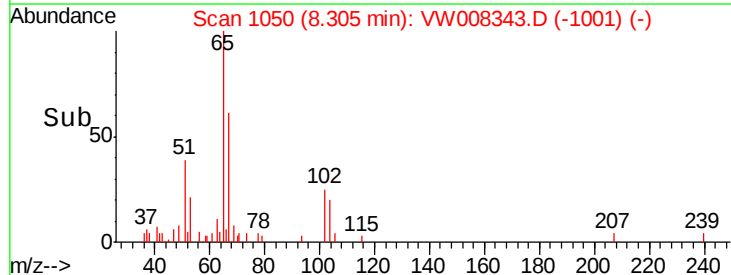
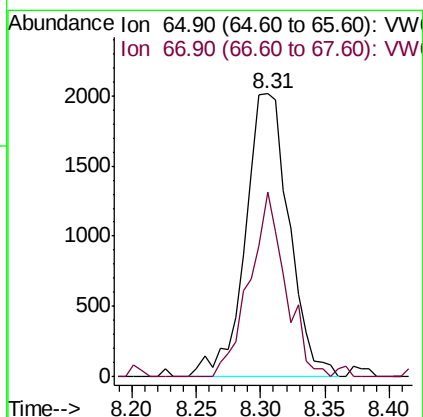
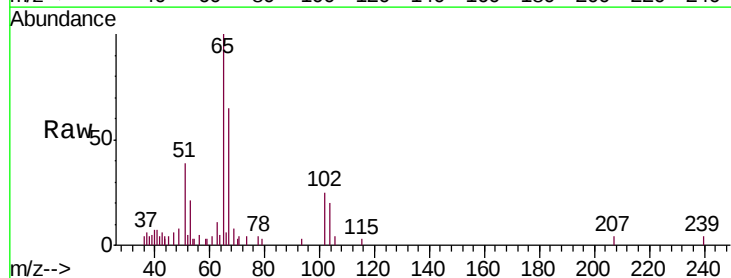
Instrument :
MSVOA_W
ClientSampled :
RT-5124

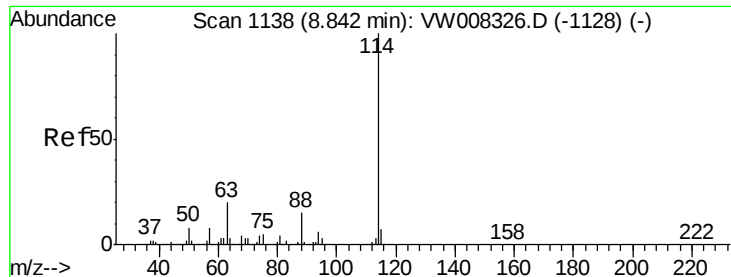
Tgt Ion: 56 Resp: 517
Ion Ratio Lower Upper
56 100
69 49.7 27.0 40.6#
84 34.7 72.5 108.7#



#33
1,2-Dichloroethane-d4
Concen: 95.031 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion: 65 Resp: 4744
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2

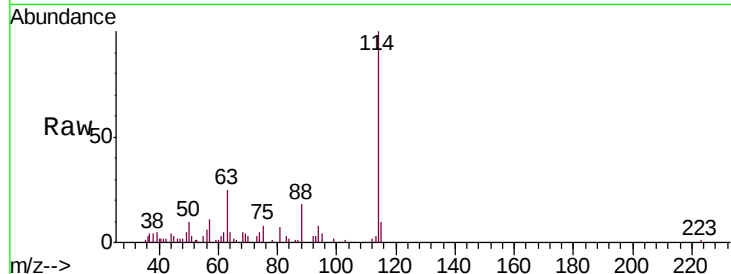




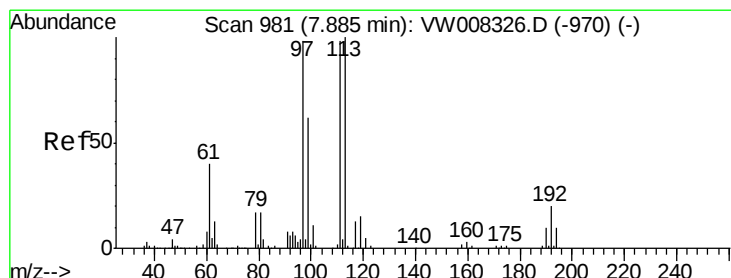
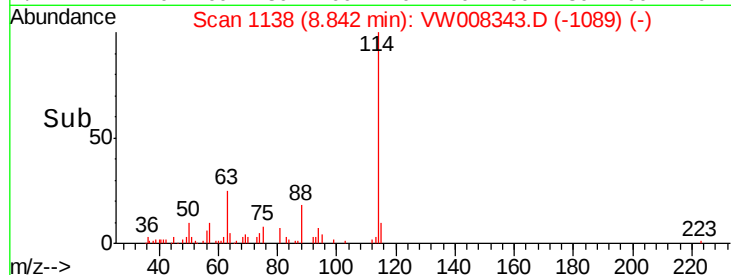
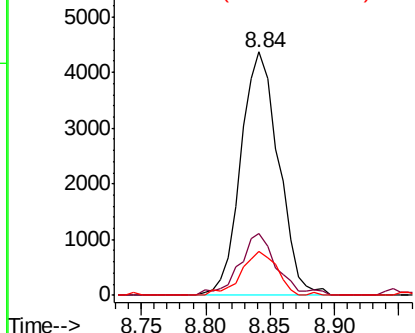
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Tgt Ion:114 Resp: 8884
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 40.8
 88 17.9 0.0 30.4

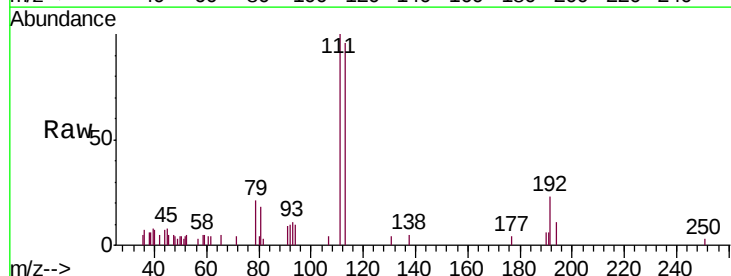


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

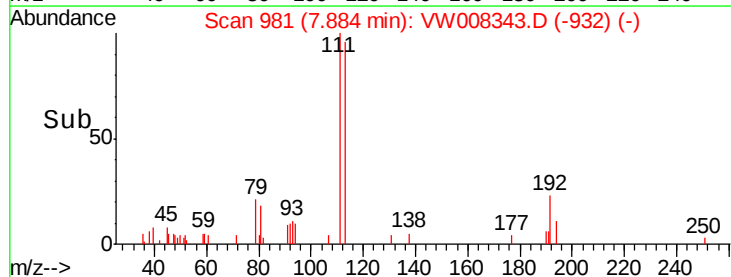
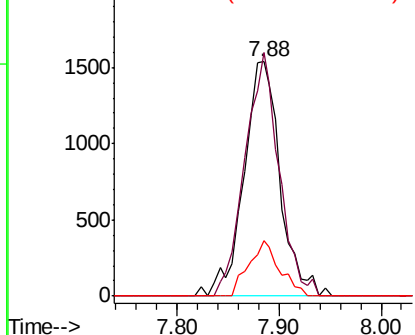


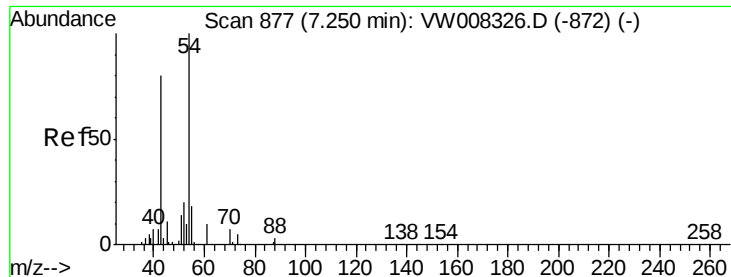
#35
 Dibromofluoromethane
 Concen: 67.431 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion:113 Resp: 3824
 Ion Ratio Lower Upper
 113 100
 111 97.4 81.8 122.8
 192 19.9 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

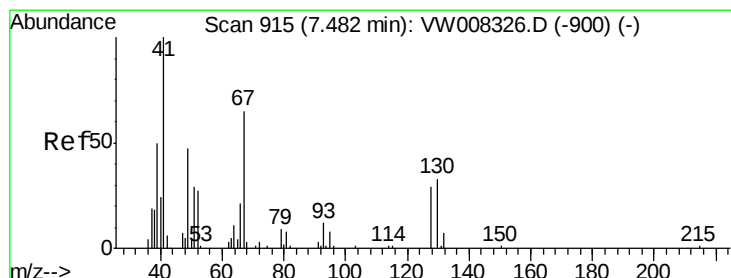
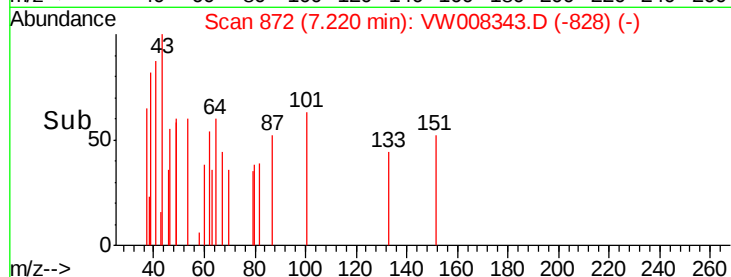
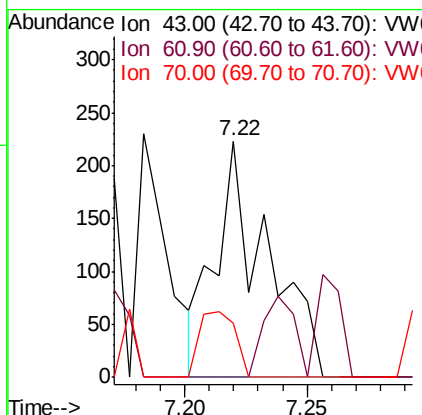
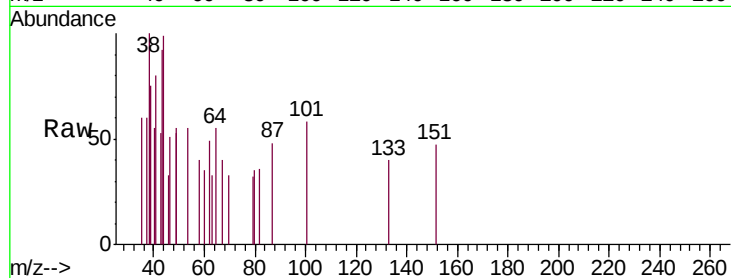




#37
 Ethyl Acetate
 Concen: 8.899 ug/l
 RT: 7.22 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

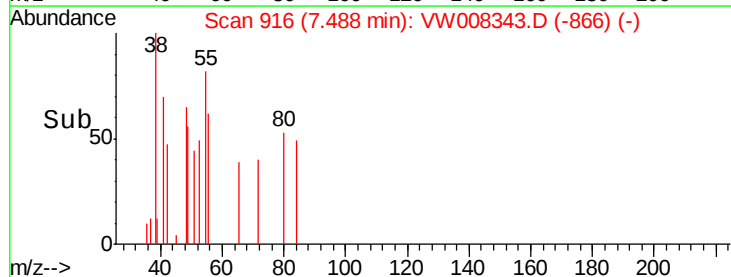
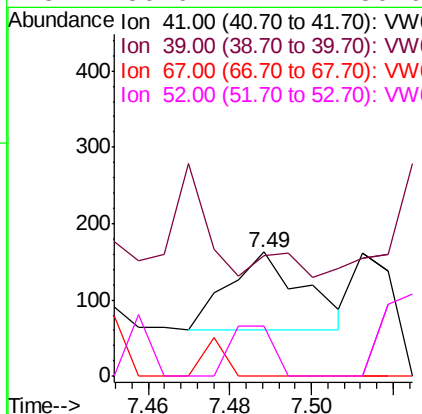
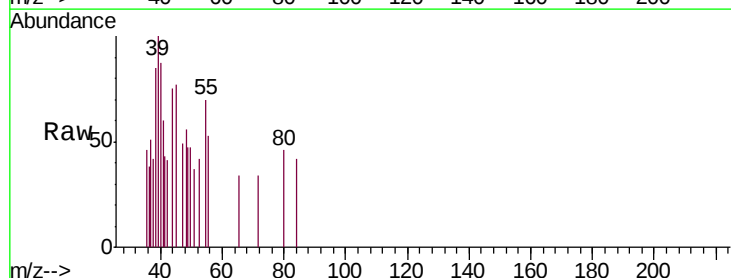
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

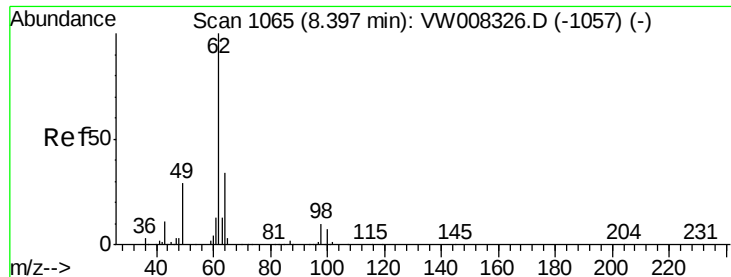
Tgt Ion: 43 Resp: 328
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 19.2 8.8 13.2#



#41
 Methacrylonitrile
 Concen: 6.105 ug/l
 RT: 7.49 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion: 41 Resp: 131
 Ion Ratio Lower Upper
 41 100
 39 138.2 44.9 67.3#
 67 14.5 56.9 85.3#
 52 36.6 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 2.020 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

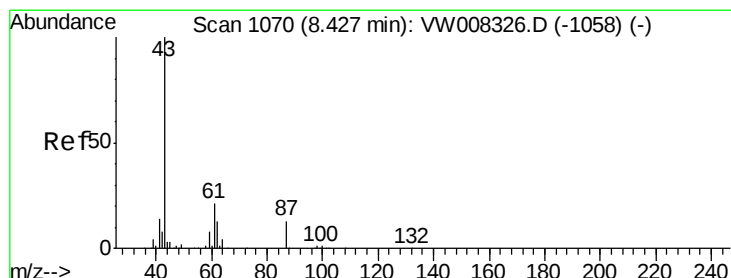
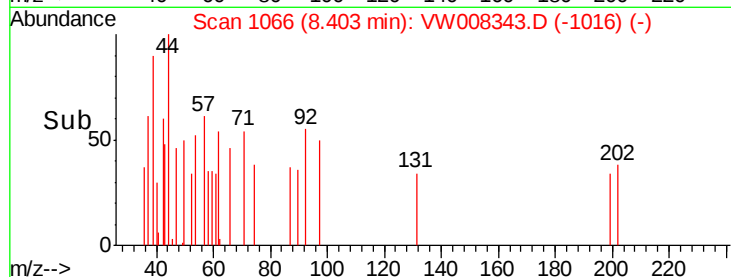
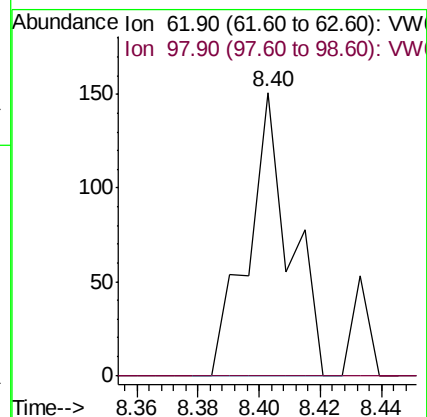
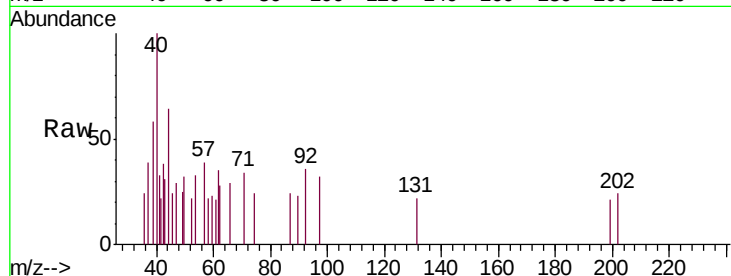
RT-5124

Tgt Ion: 62 Resp: 143

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.0



#43

Isopropyl Acetate

Concen: 2.083 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

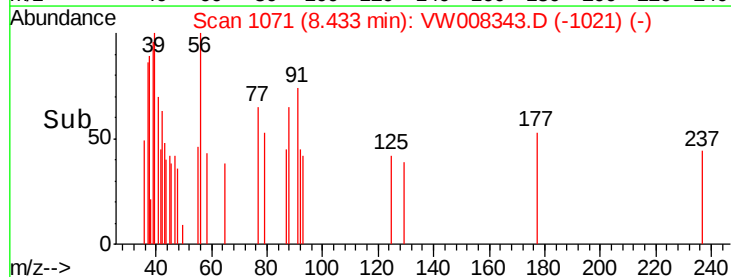
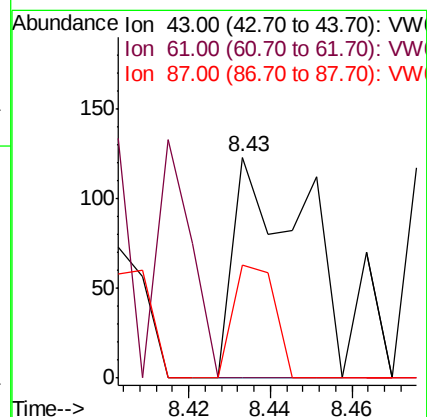
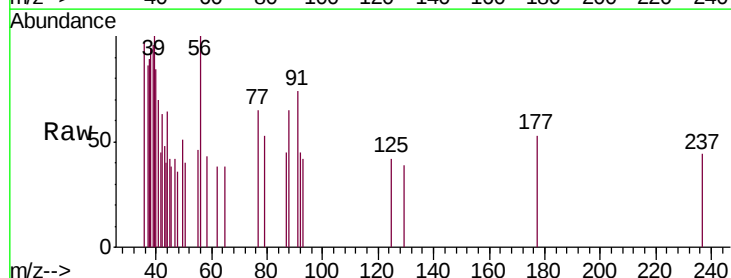
Tgt Ion: 43 Resp: 145

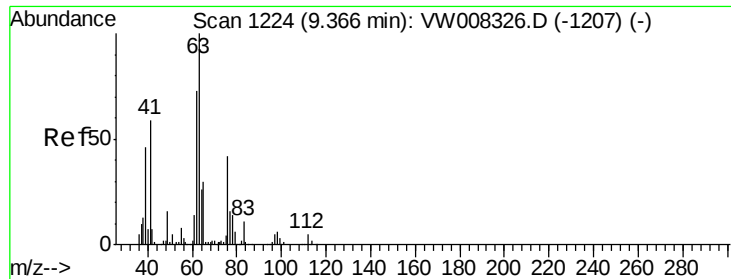
Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

87 31.0 10.7 16.1#





#45

1,2-Dichloropropane

Concen: 1.193 ug/l

RT: 9.40 min Scan# 1230

Delta R.T. 0.04 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

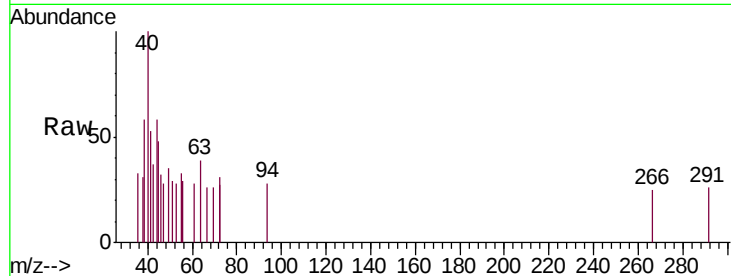
RT-5124

Tgt Ion: 63 Resp: 75

Ion Ratio Lower Upper

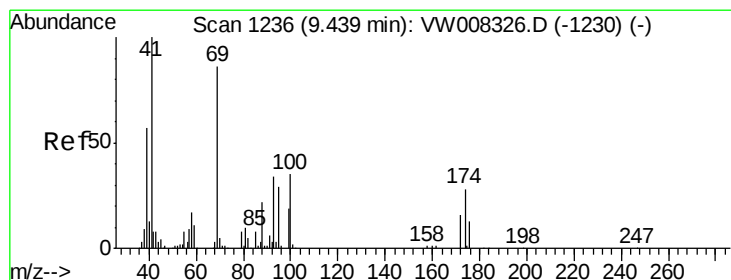
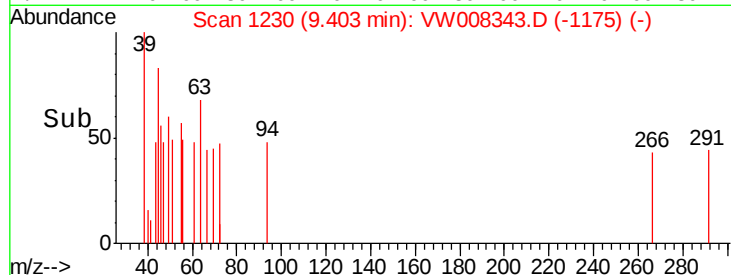
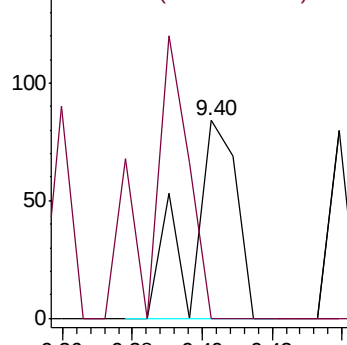
63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#48

Methyl methacrylate

Concen: 2.593 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

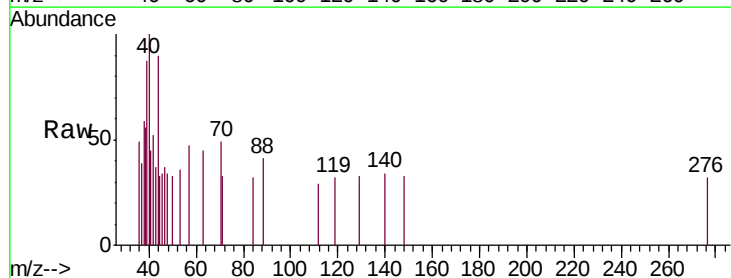
Tgt Ion: 41 Resp: 85

Ion Ratio Lower Upper

41 100

69 58.8 68.2 102.4#

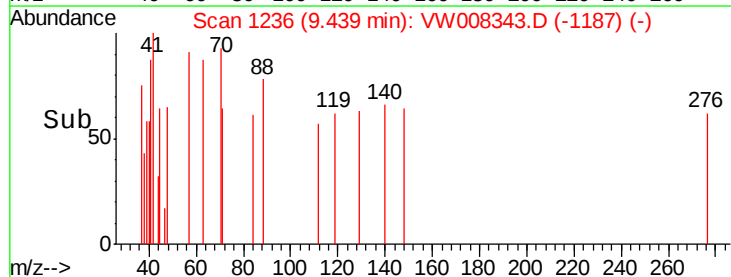
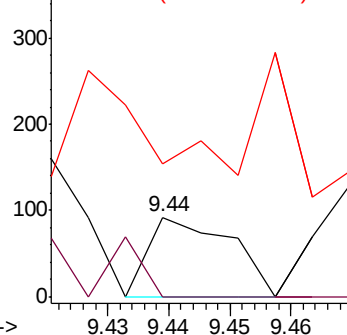
39 134.1 46.0 69.0#

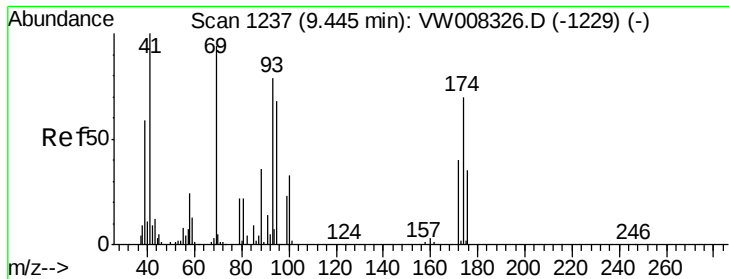


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

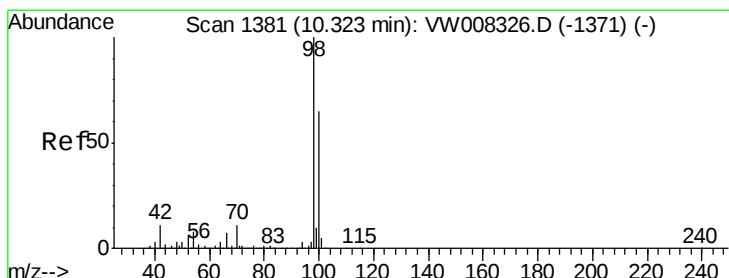
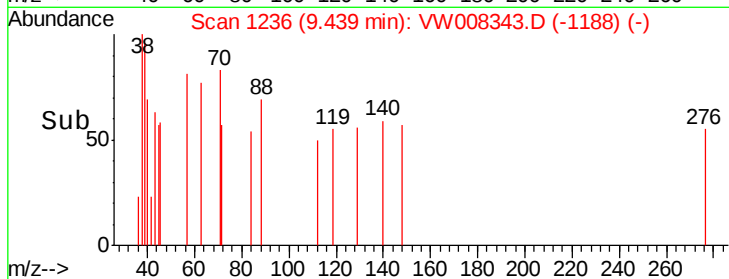
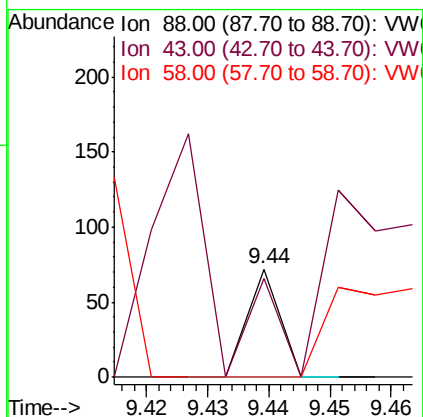
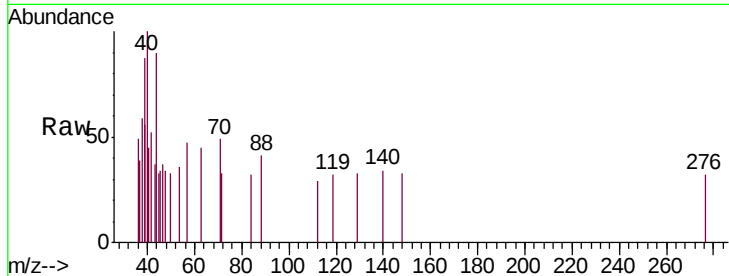




#49
1,4-Dioxane
Concen: 49.274 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

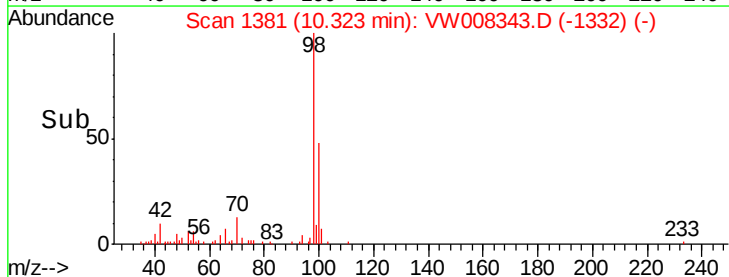
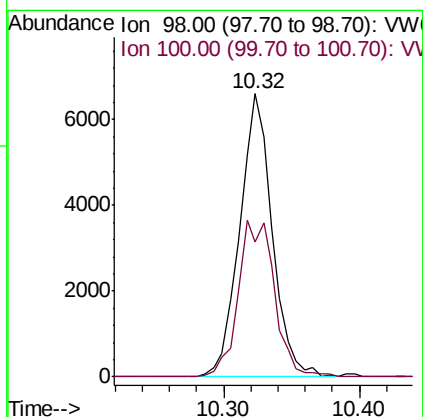
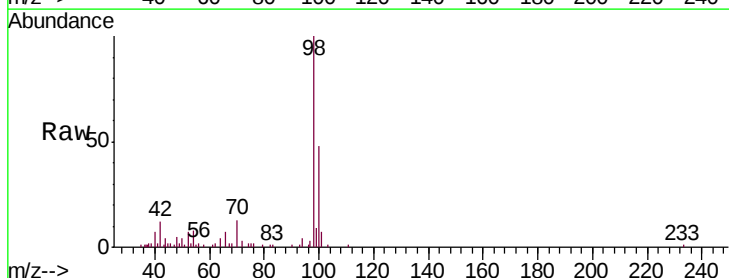
Instrument :
MSVOA_W
ClientSampled :
RT-5124

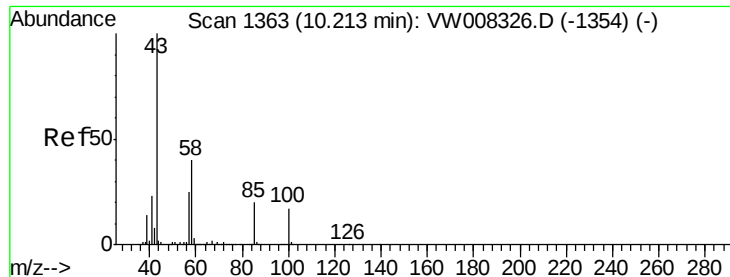
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 457.7 27.1 40.7#
58 0.0 57.9 86.9#



#50
Toluene-d8
Concen: 49.384 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion: 98 Resp: 11002
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 3.858 ug/l

RT: 10.30 min Scan# 1377

Delta R.T. 0.09 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

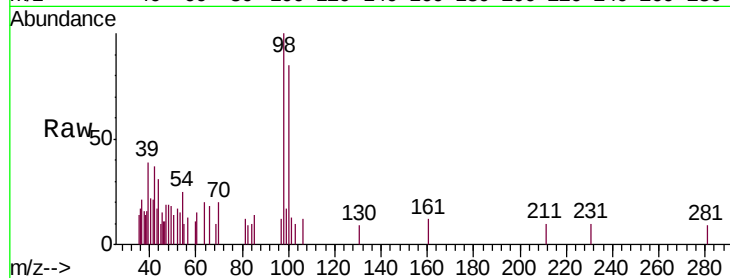
RT-5124

Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

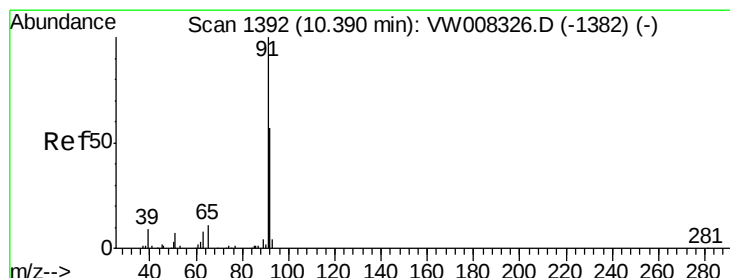
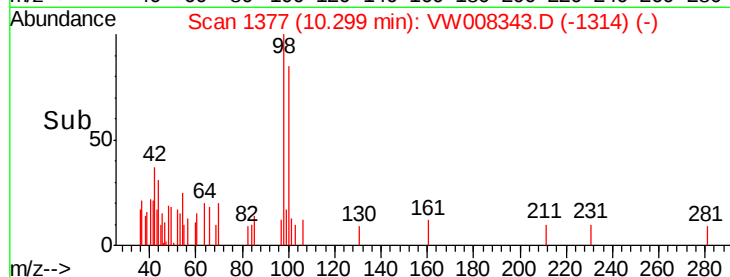
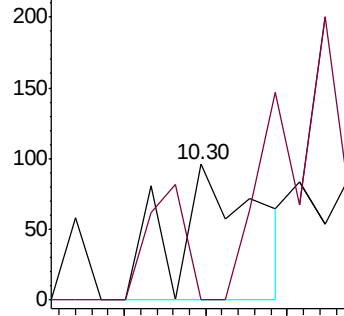
43 100

58 39.0 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 2.715 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008343.D

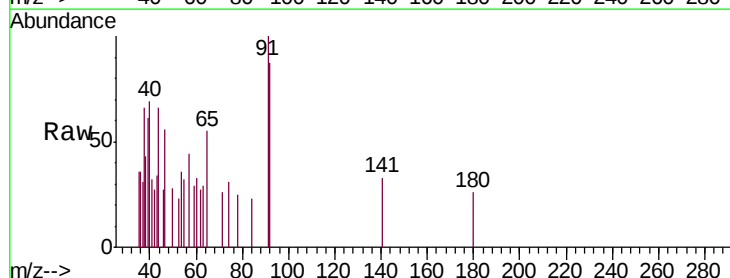
Acq: 17 Jan 2019 22:00

Tgt Ion: 92 Resp: 435

Ion Ratio Lower Upper

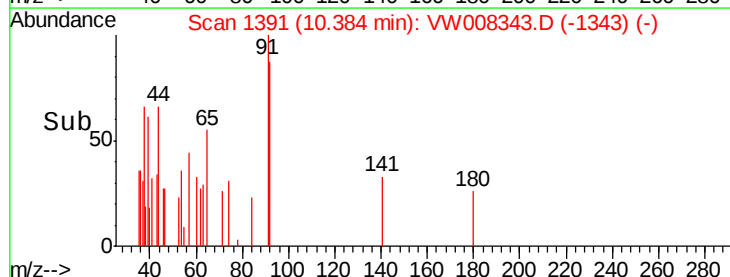
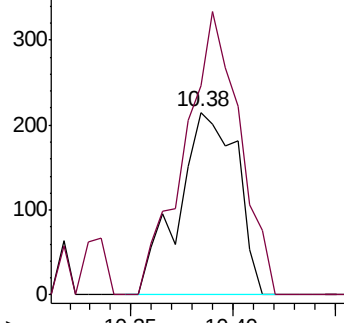
92 100

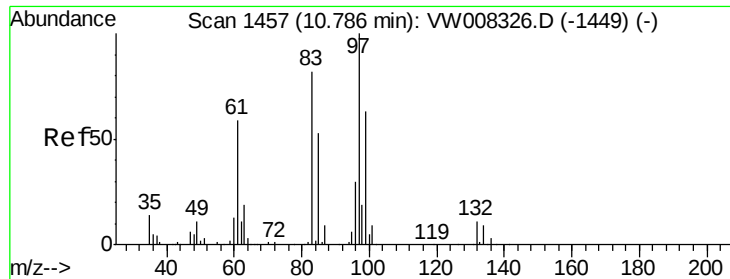
91 144.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

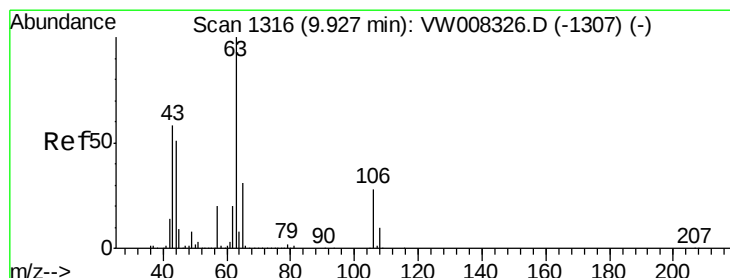
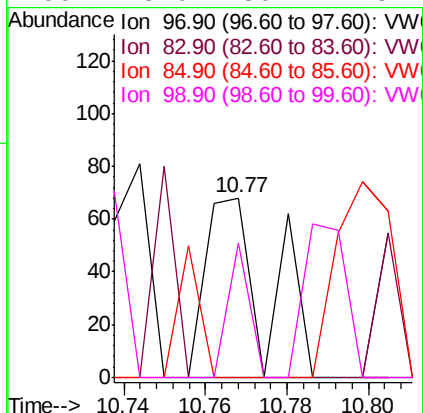
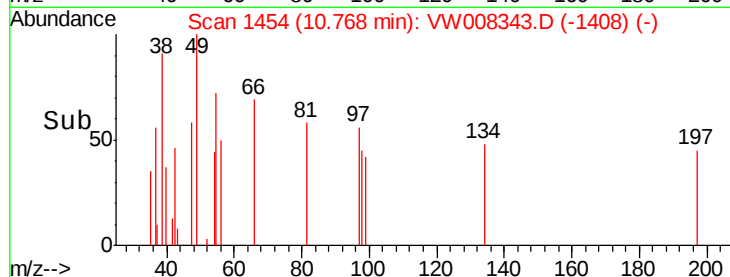
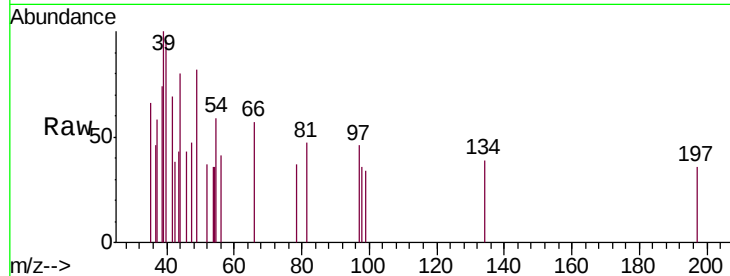




#55
 1,1,2-Trichloroethane
 Concen: 1.584 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

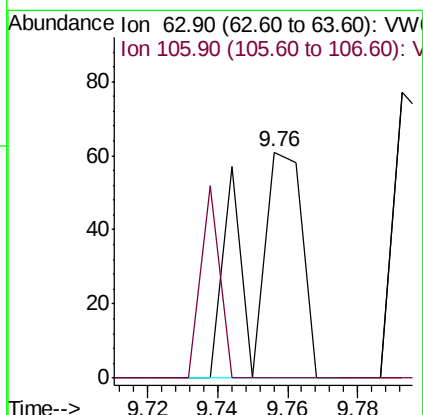
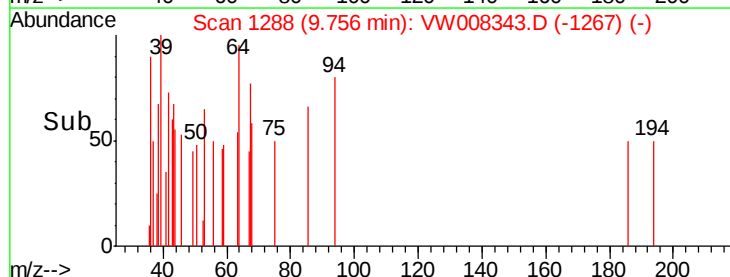
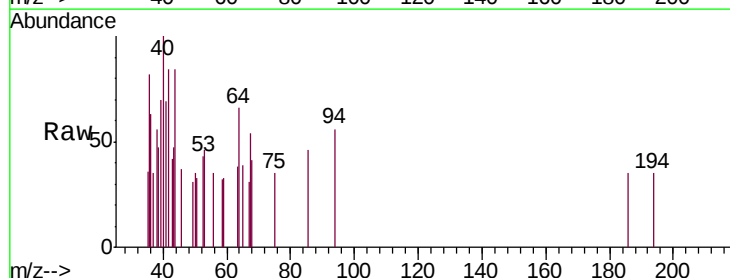
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

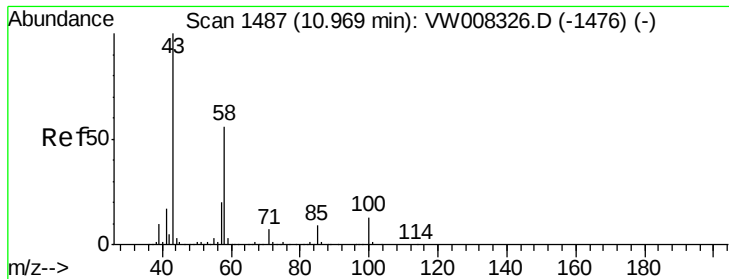
Tgt Ion: 97 Resp: 72
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.3 97.9#
 85 0.0 42.6 64.0#
 99 75.0 50.2 75.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.485 ug/l
 RT: 9.76 min Scan# 1288
 Delta R.T. -0.17 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.9 34.3

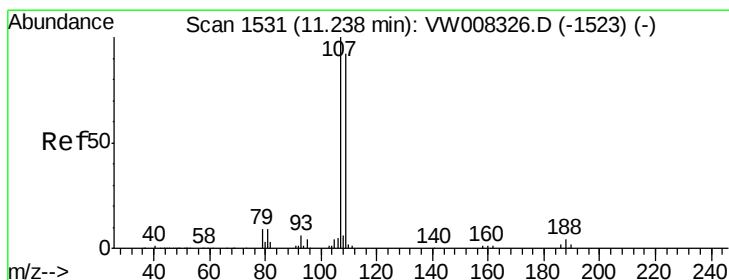
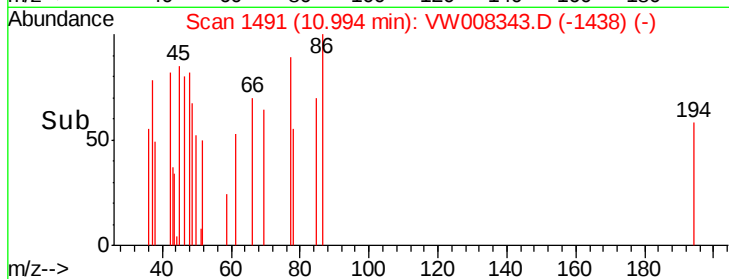
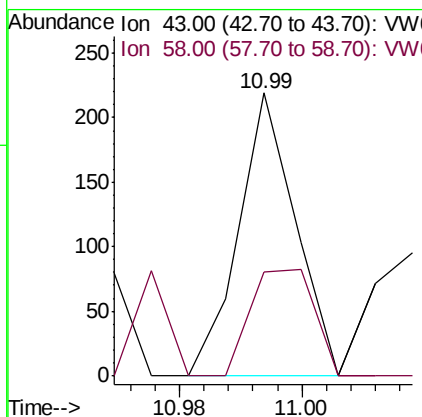
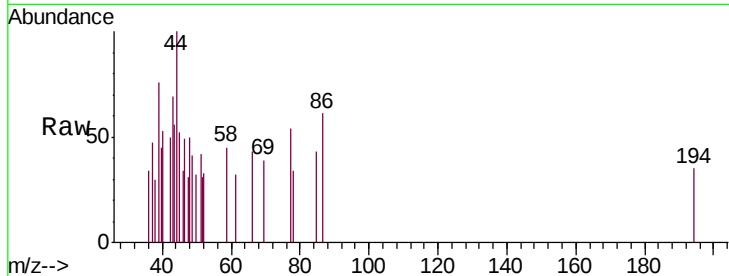




#59
2-Hexanone
Concen: 5.668 ug/l
RT: 10.99 min Scan# 1491
Delta R.T. 0.02 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

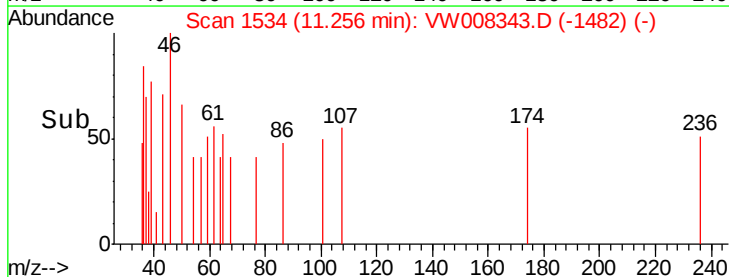
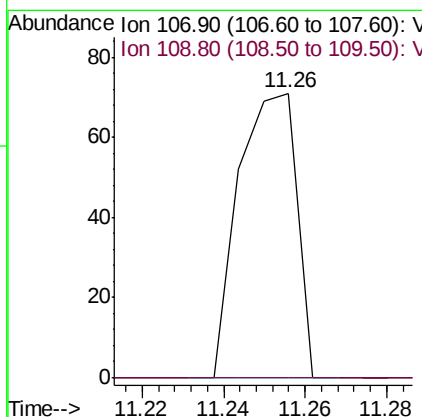
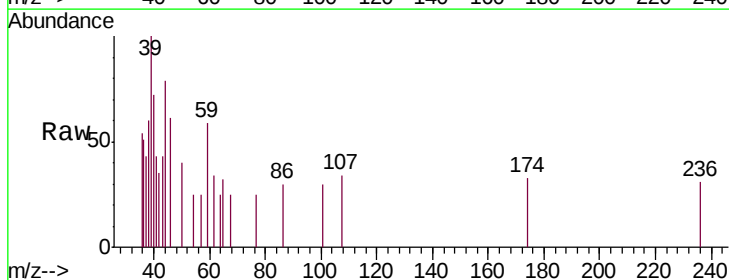
Instrument :
MSVOA_W
ClientSampled :
RT-5124

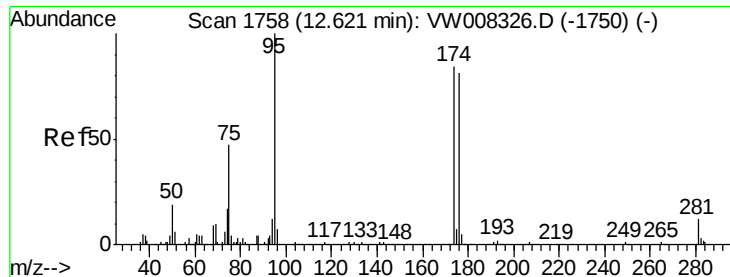
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 42.1 27.5 82.5



#61
1,2-Dibromoethane
Concen: 1.590 ug/l
RT: 11.26 min Scan# 1534
Delta R.T. 0.02 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion: 107 Resp: 70
Ion Ratio Lower Upper
107 100
109 0.0 74.0 111.0#

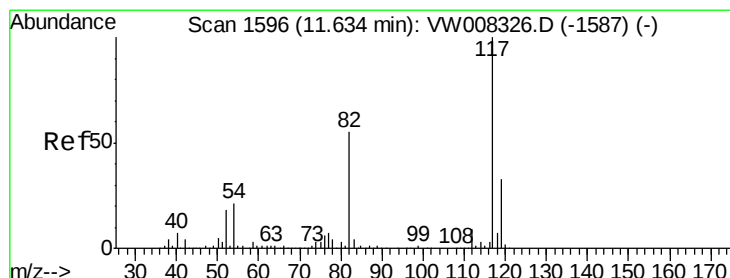
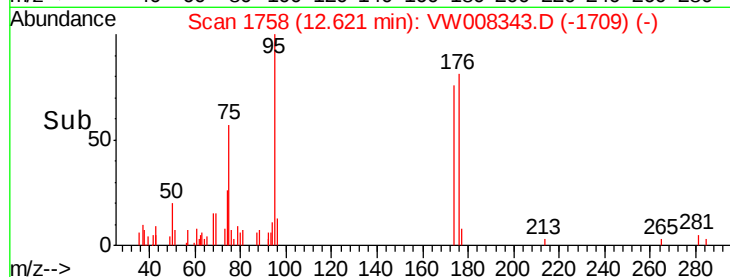
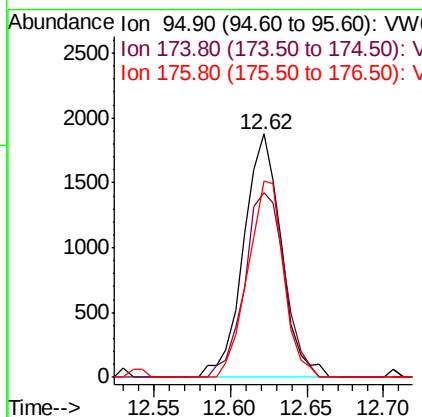
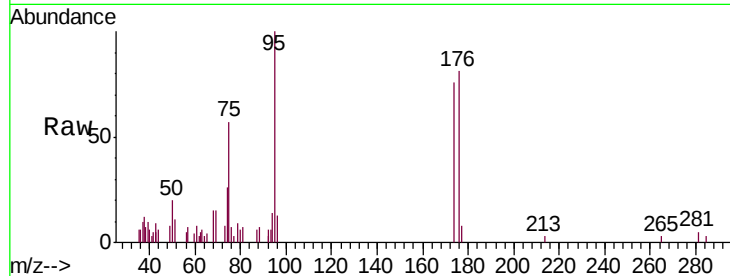




#62
4-Bromofluorobenzene
Concen: 40.349 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

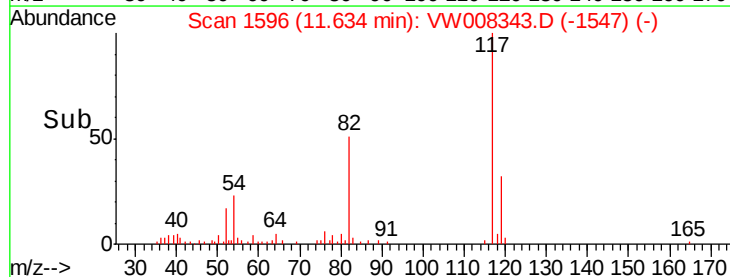
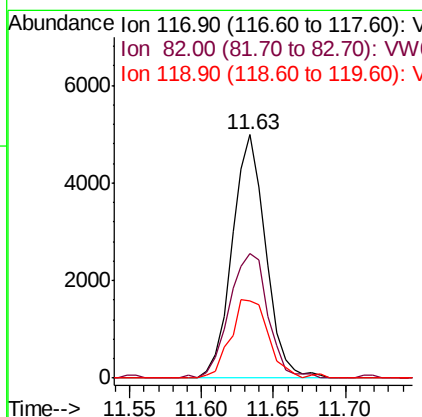
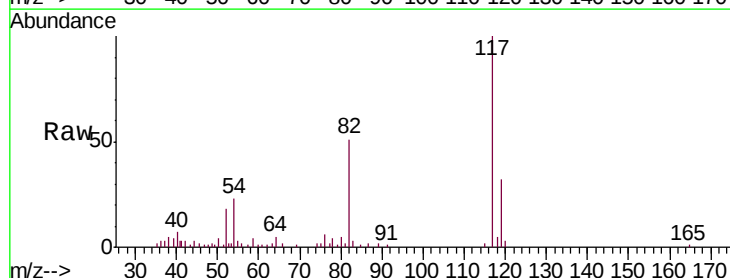
Instrument :
MSVOA_W
ClientSampleId :
RT-5124

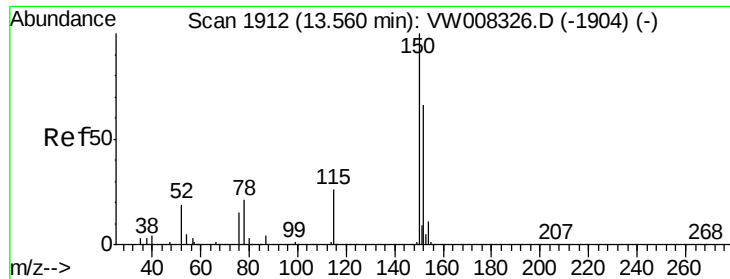
Tgt Ion: 95 Resp: 3224
Ion Ratio Lower Upper
95 100
174 81.1 0.0 166.0
176 76.3 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008343.D
Acq: 17 Jan 2019 22:00

Tgt Ion: 117 Resp: 8094
Ion Ratio Lower Upper
117 100
82 50.9 44.3 66.5
119 31.8 26.3 39.5

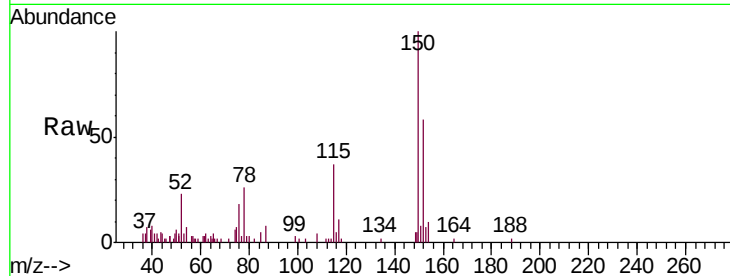




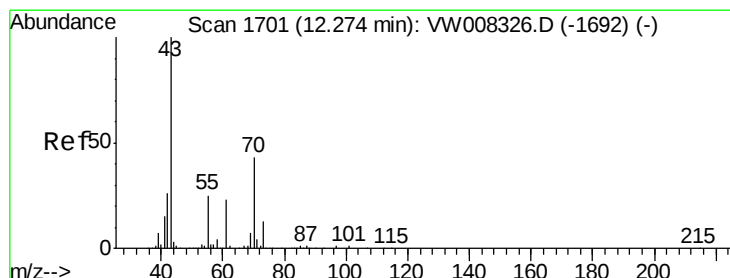
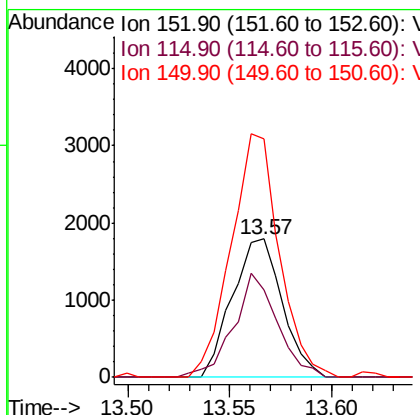
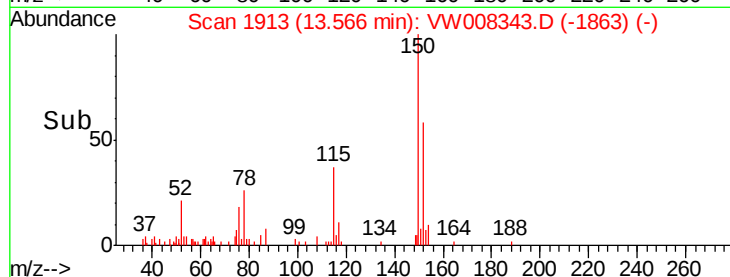
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Tgt Ion: 152 Resp: 3051
 Ion Ratio Lower Upper
 152 100
 115 65.7 28.8 86.4
 150 169.2 0.0 351.4

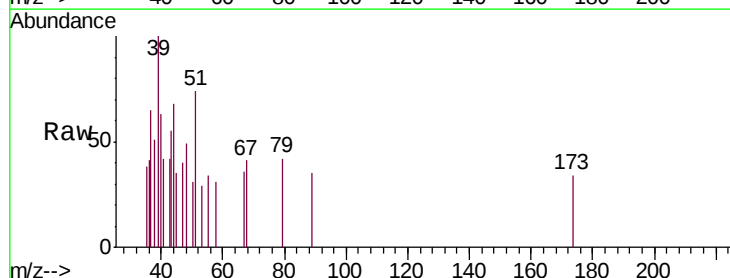


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

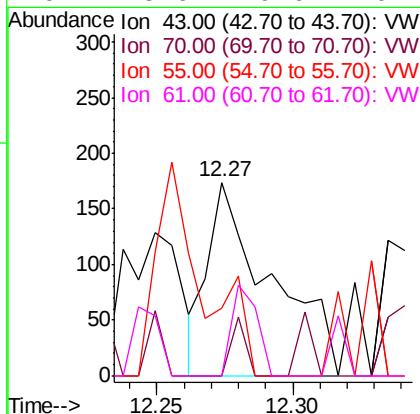
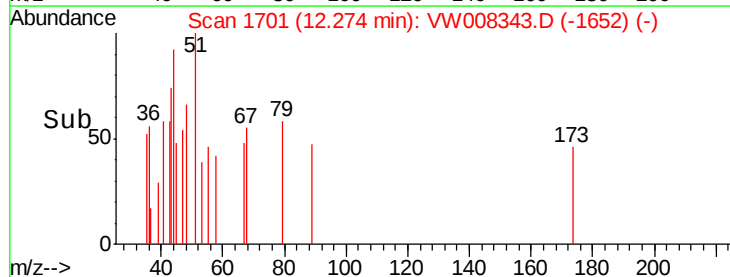


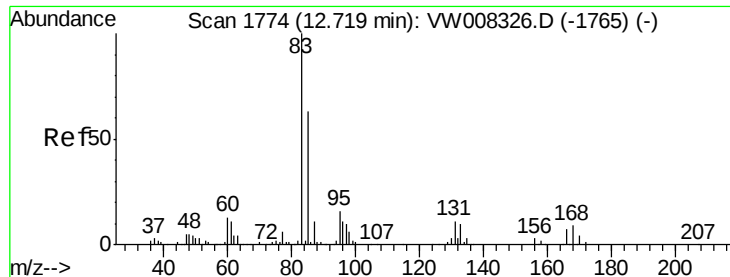
#74
 N-ethyl acetate
 Concen: 5.877 ug/l
 RT: 12.27 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion: 43 Resp: 280
 Ion Ratio Lower Upper
 43 100
 70 6.8 34.6 52.0#
 55 0.0 20.0 30.0#
 61 18.6 19.6 29.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 70.00 (69.70 to 70.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 1.640 ug/l

RT: 12.59 min Scan# 1753

Delta R.T. -0.13 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampled :

RT-5124

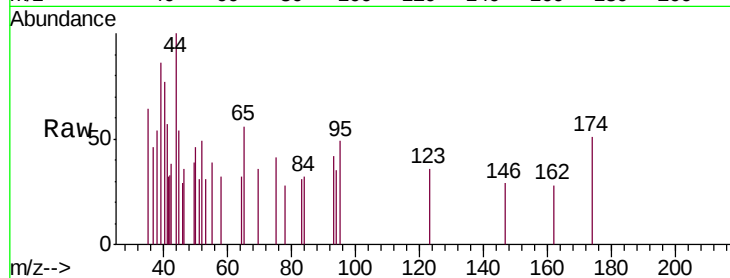
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 32.3 5.5 16.5#

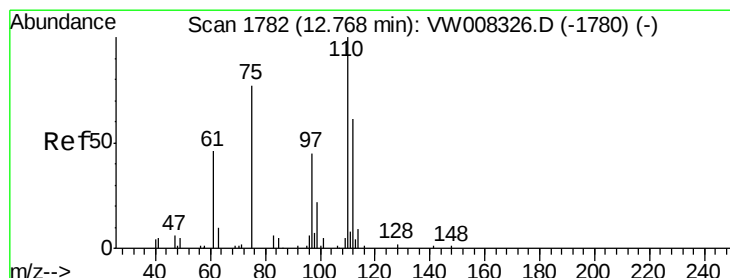
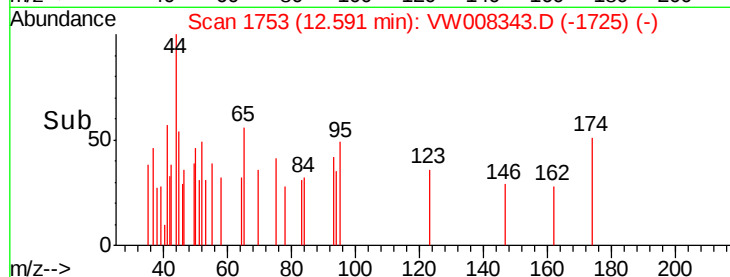
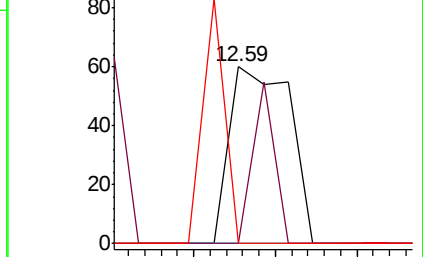
85 48.4 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 3.203 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VW008343.D

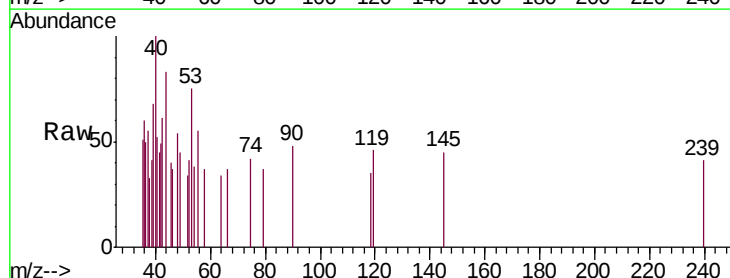
Acq: 17 Jan 2019 22:00

Tgt Ion: 75 Resp: 89

Ion Ratio Lower Upper

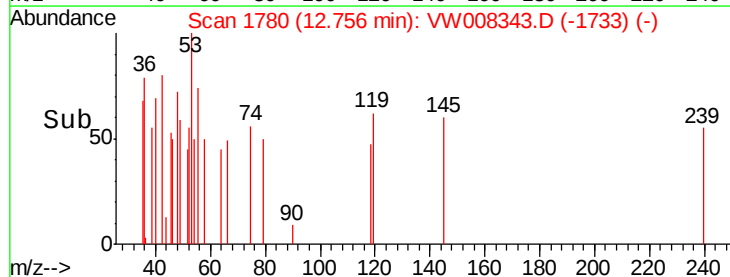
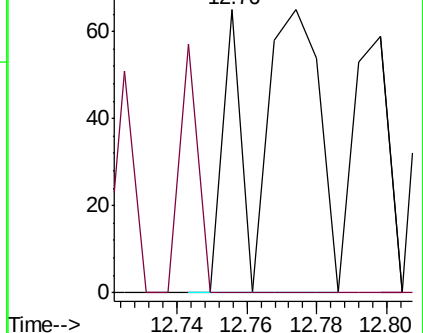
75 100

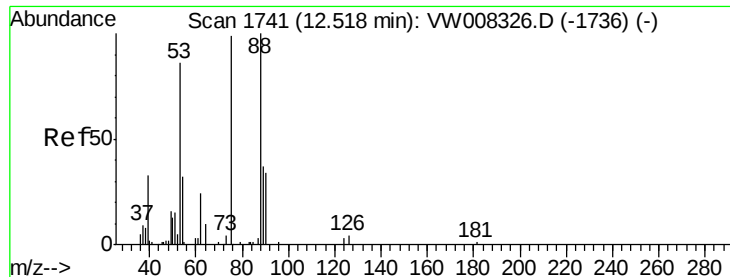
77 23.6 175.3 526.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 165.428 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008343.D

Acq: 17 Jan 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

RT-5124

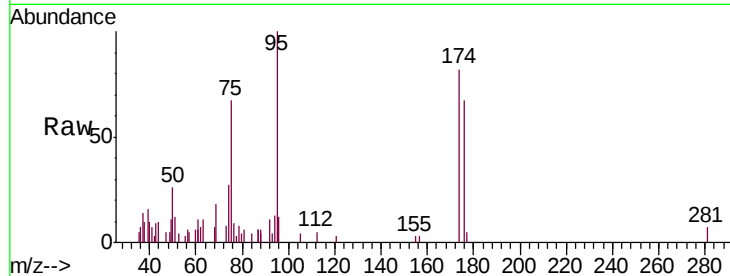
Tgt Ion: 75 Resp: 1926

Ion Ratio Lower Upper

75 100

53 5.6 76.2 114.4#

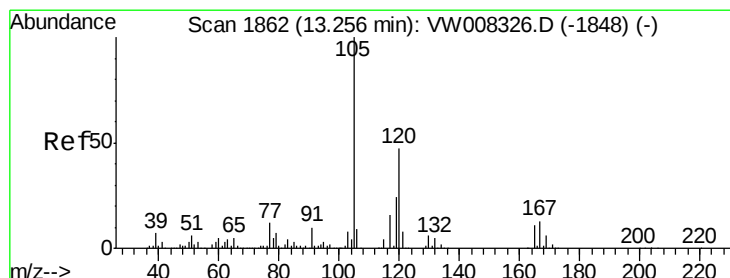
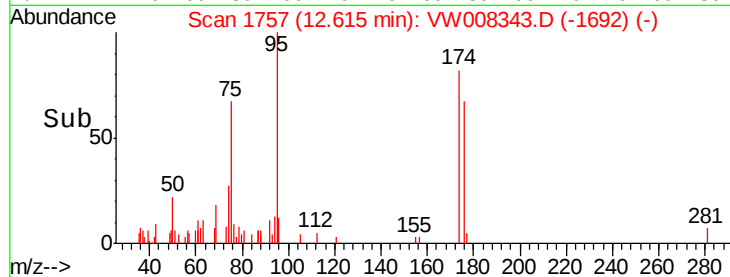
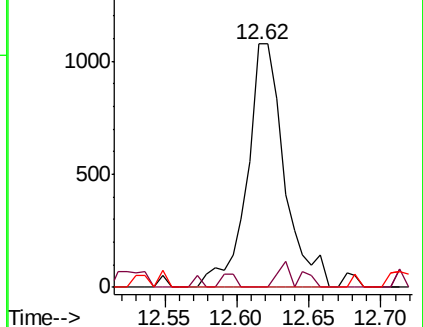
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#84

1,2,4-Trimethylbenzene

Concen: 1.053 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW008343.D

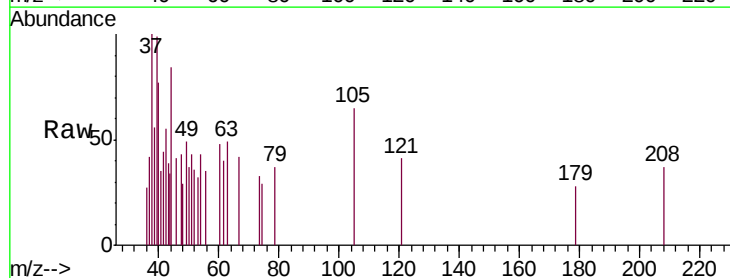
Acq: 17 Jan 2019 22:00

Tgt Ion: 105 Resp: 199

Ion Ratio Lower Upper

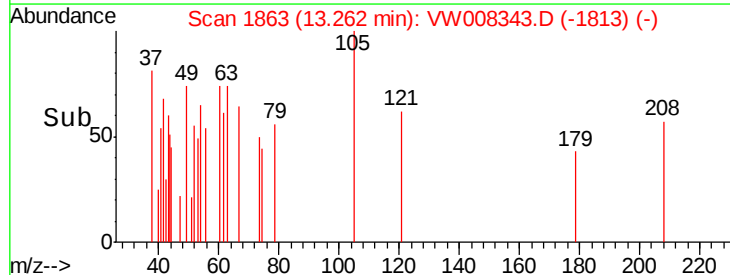
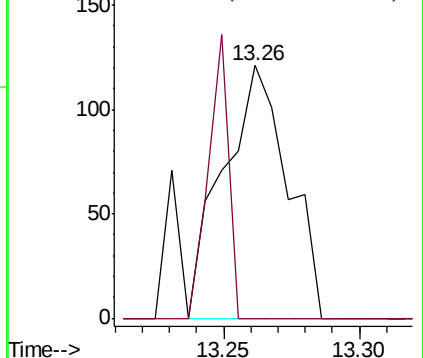
105 100

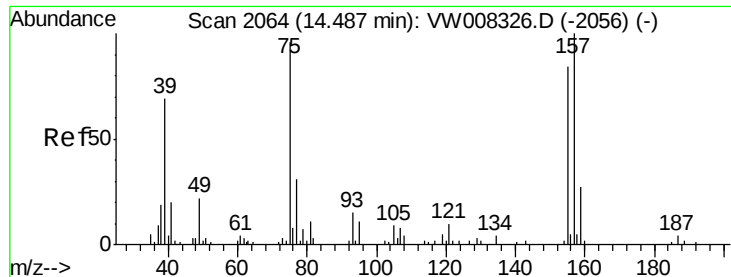
120 35.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

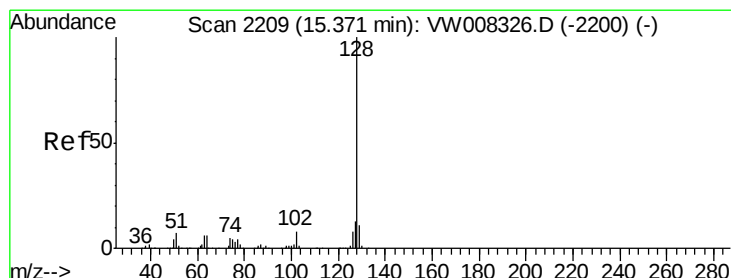
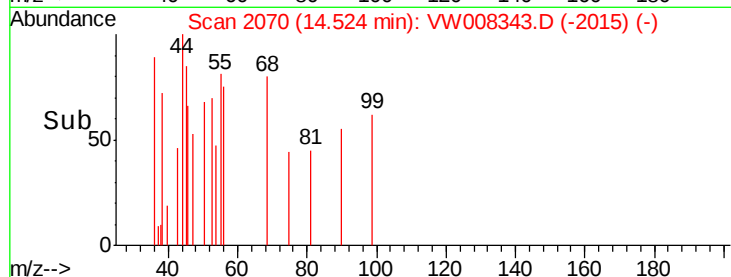
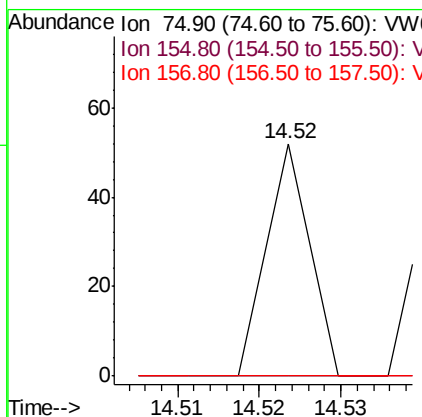
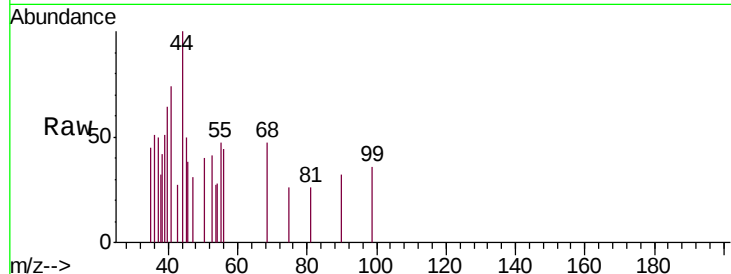




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.073 ug/l
 RT: 14.52 min Scan# 2070
 Delta R.T. 0.04 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.7 134.1#
 157 0.0 53.9 161.8#



#95
 Naphthalene
 Concen: 4.324 ug/l
 RT: 15.38 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: VW008343.D
 Acq: 17 Jan 2019 22:00

Tgt Ion: 128 Resp: 245
 Ion Ratio Lower Upper
 128 100
 127 9.4 10.5 15.7#
 129 9.0 8.8 13.2

