

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013386.D
 Acq On : 02 Oct 2019 18:38
 Operator : SY/VA
 Sample : K5148-01
 Misc : 8.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100119

Quant Time: Oct 03 07:03:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	166940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132082	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	135400	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	554435	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	169028	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	9548	19.834	ug/l #	73
13) Acrolein	3.91	56	19	10.652	ug/l #	15
16) Acetone	4.13	43	23377	31.676	ug/l	92
20) Methylene Chloride	4.91	84	16883	3.827	ug/l	96
25) 2-Butanone	7.18	43	4776	5.058	ug/l	99
26) 2,2-Dichloropropane	7.14	77	560	Below Cal	#	52
29) Tetrahydrofuran	7.52	42	21	9.730	ug/l #	34
31) Cyclohexane	7.95	56	15409	2.797	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	19835	4.374	ug/l #	49
37) Ethyl Acetate	7.18	43	4776	2.530	ug/l #	69
38) Carbon Tetrachloride	7.95	117	28333	7.212	ug/l #	18
39) Methylcyclohexane	9.33	83	24469	4.097	ug/l	89
40) Benzene	8.32	78	54134	4.217	ug/l	100
49) 1,4-Dioxane	9.65	88	19	Below Cal	#	8
51) 4-Methyl-2-Pentanone	10.24	43	2490	1.258	ug/l #	72
52) Toluene	10.38	92	20333	2.456	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	7997	3.492	ug/l #	22
56) Ethyl methacrylate	10.66	69	3118	1.011	ug/l #	10
59) 2-Hexanone	10.93	43	3998	2.914	ug/l #	27
67) Ethyl Benzene	11.73	91	26948	1.847	ug/l	96
68) m/p-Xylenes	11.83	106	35307	6.270	ug/l	97
69) o-Xylene	12.16	106	20698	3.976	ug/l	96
73) Isopropylbenzene	12.46	105	14026	1.149	ug/l	97
74) N-amyl acetate	12.25	43	2679	1.031	ug/l #	73
76) 1,2,3-Trichloropropane	12.62	75	78035	52.594	ug/l #	100
78) n-propylbenzene	12.80	91	16347	1.164	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	39532	3.897	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	78035	106.647	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.25	105	140613	13.944	ug/l	99
85) sec-Butylbenzene	13.38	105	17543	1.436	ug/l #	78
86) p-Isopropyltoluene	13.50	119	17025	1.504	ug/l	96
90) Hexachloroethane	14.10	117	4851	2.594	ug/l #	5
95) Naphthalene	15.36	128	308617	52.276	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

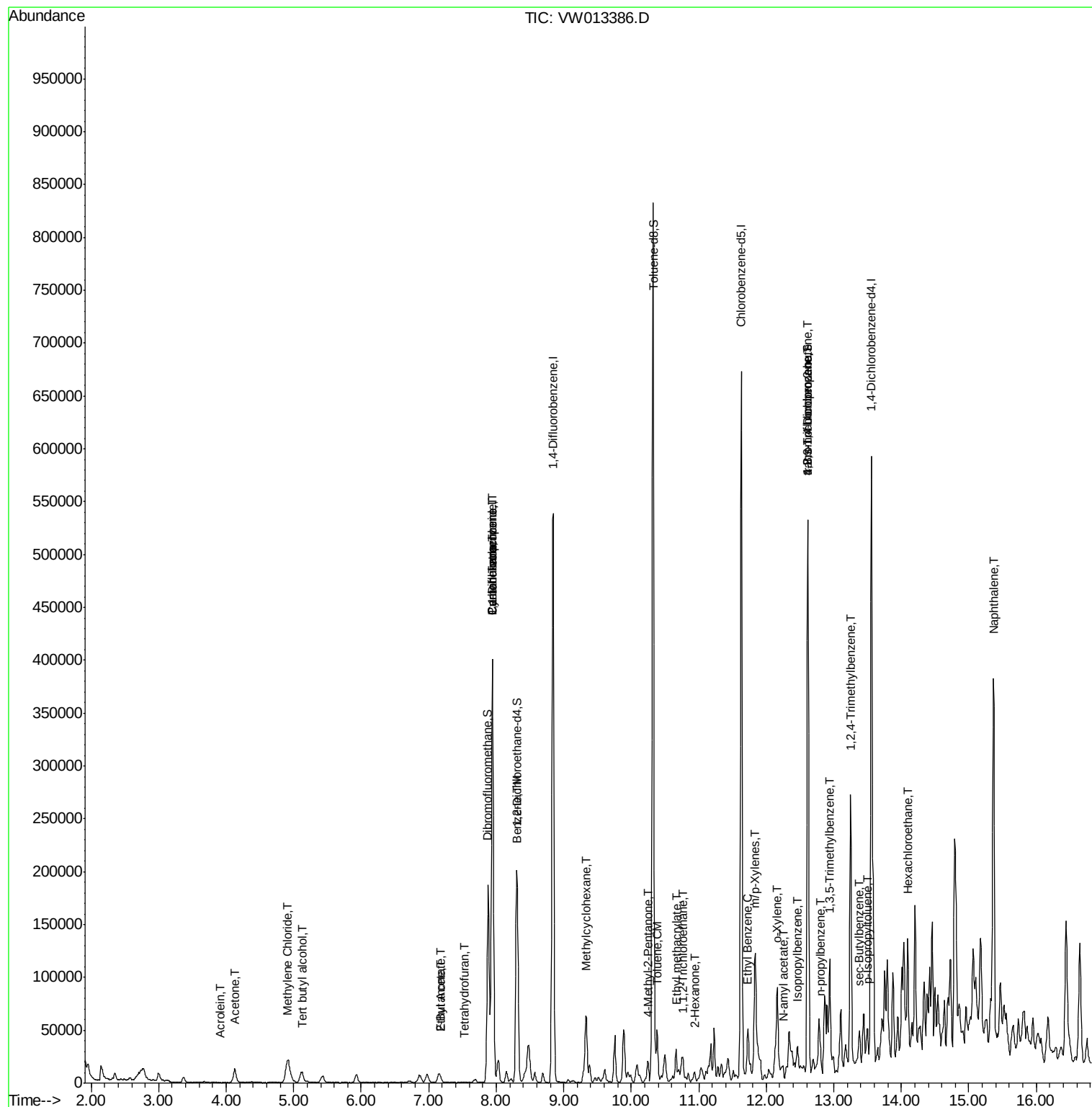
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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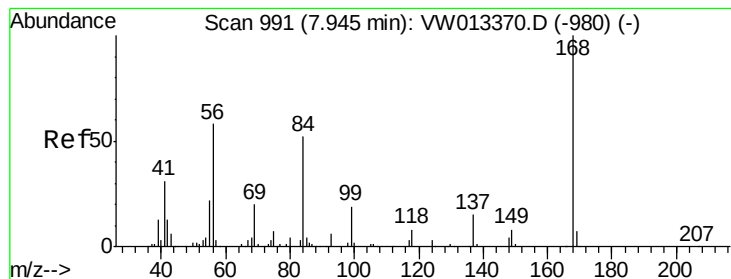
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

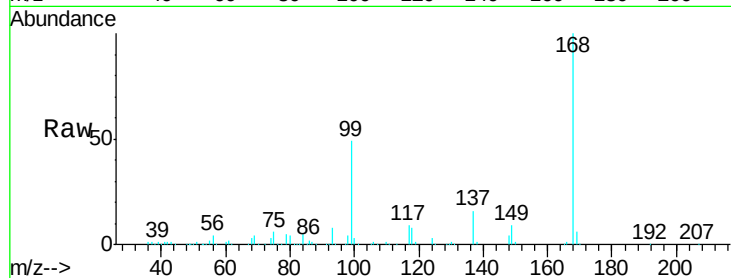
OR-02-100119

Tgt Ion:168 Resp: 322456

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

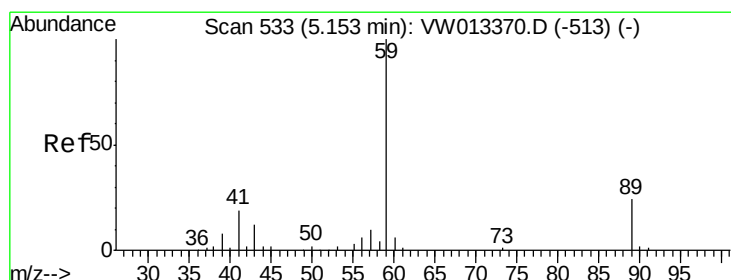
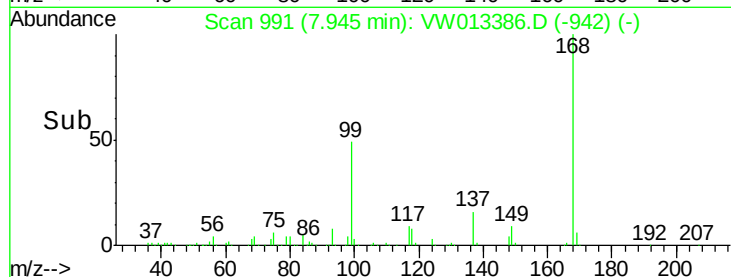
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 19.834 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: VW013386.D

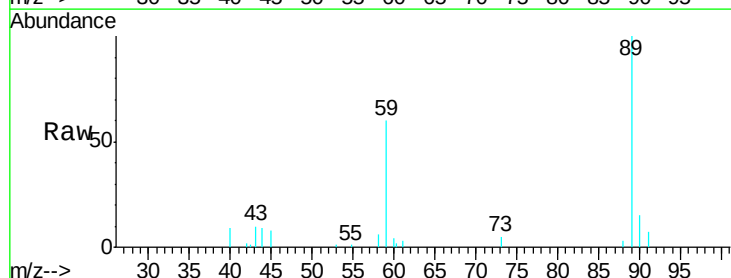
Acq: 02 Oct 2019 18:38

Tgt Ion: 59 Resp: 9548

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

3000

2500

2000

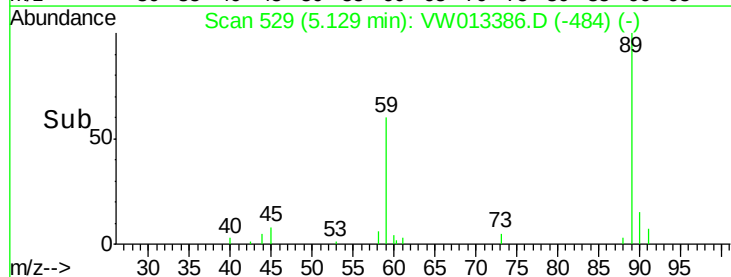
1500

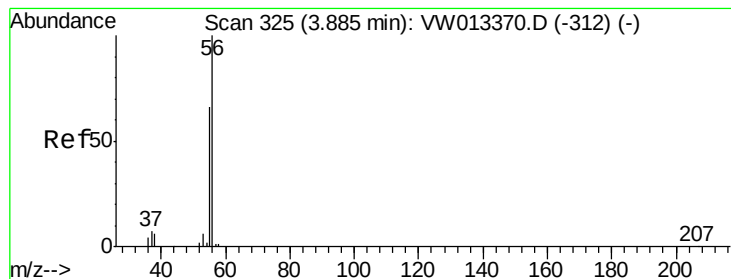
1000

500

0

Time-->





#13

Acrolein

Concen: 10.652 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

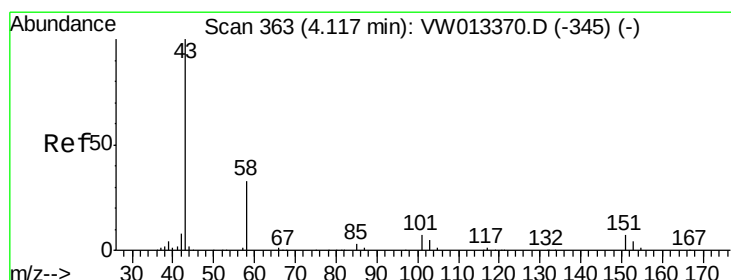
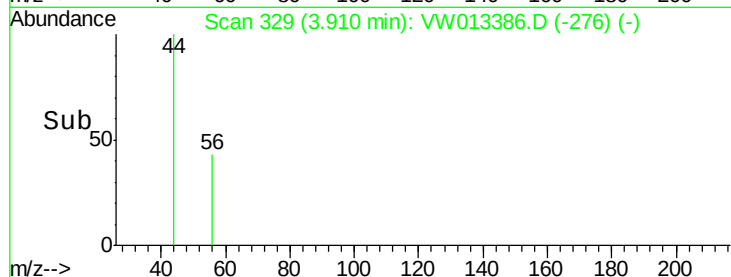
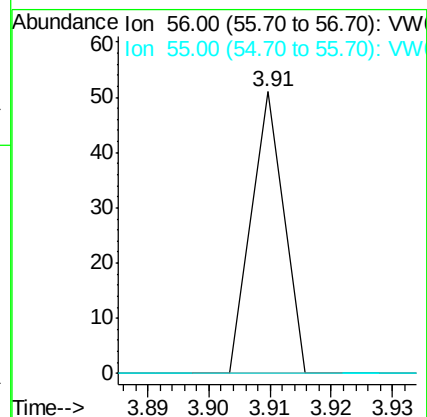
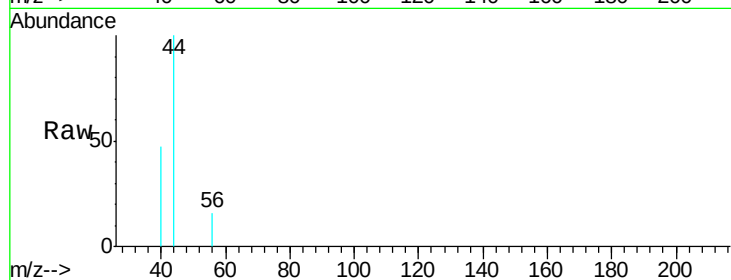
OR-02-100119

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#16

Acetone

Concen: 31.676 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013386.D

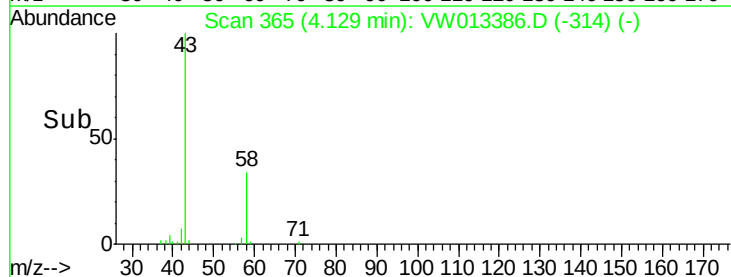
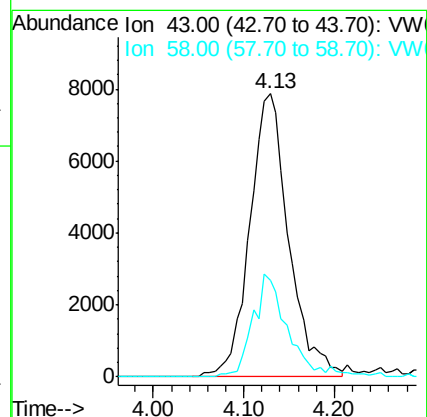
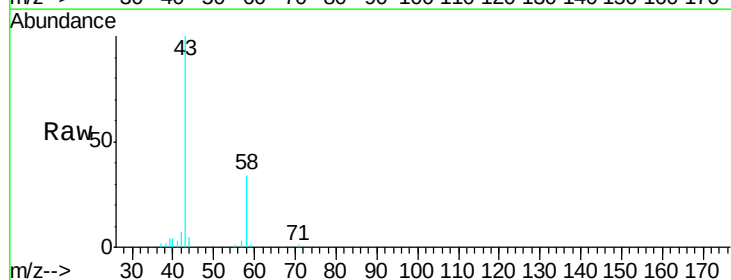
Acq: 02 Oct 2019 18:38

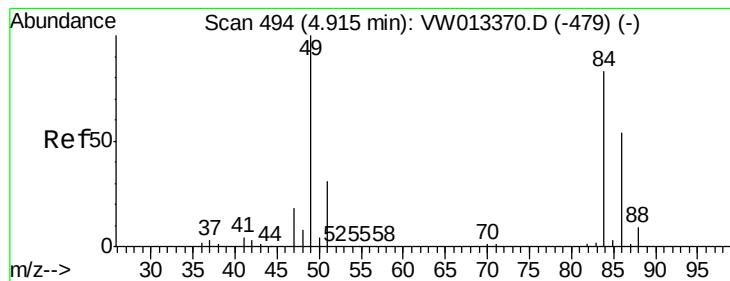
Tgt Ion: 43 Resp: 23377

Ion Ratio Lower Upper

43 100

58 34.2 24.1 36.1





#20

Methylene Chloride

Concen: 3.827 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampled :

OR-02-100119

Tgt Ion: 84 Resp: 16883

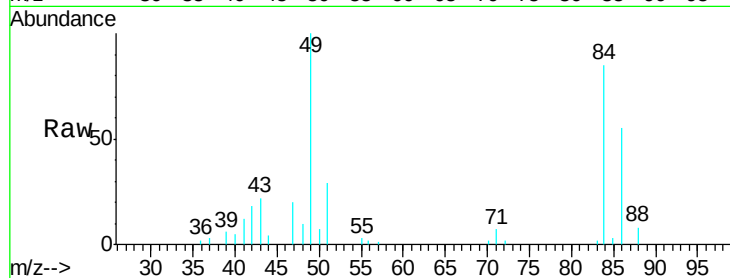
Ion Ratio Lower Upper

84 100

49 118.1 97.6 146.4

51 34.5 30.2 45.2

86 65.4 50.6 76.0

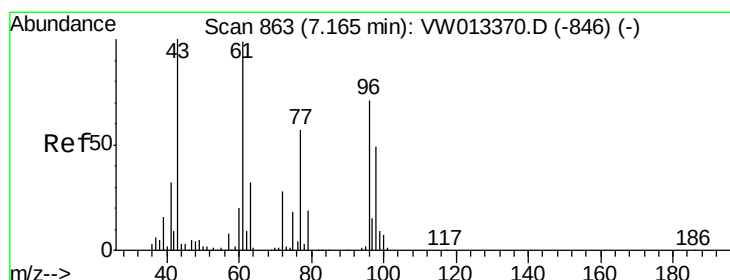
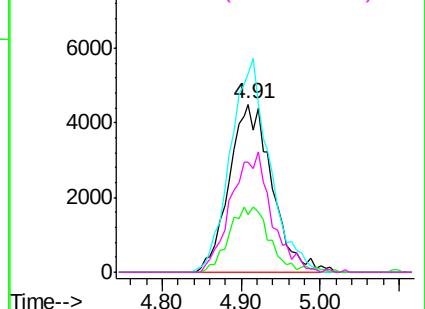
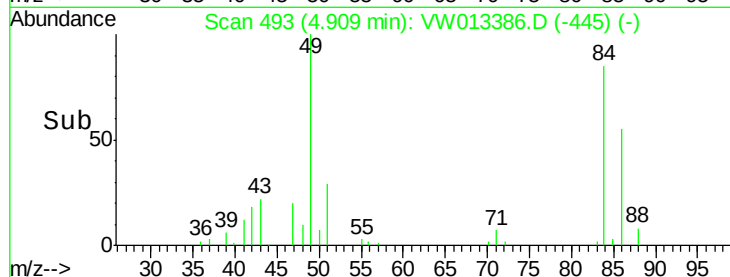


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 5.058 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013386.D

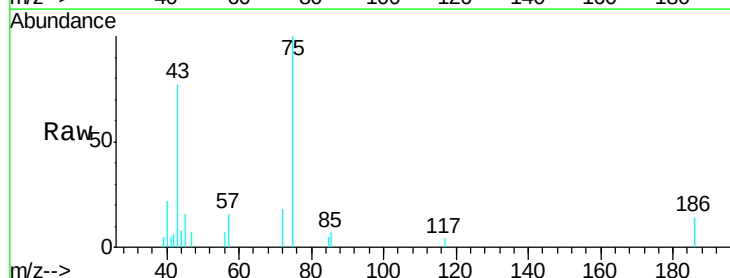
Acq: 02 Oct 2019 18:38

Tgt Ion: 43 Resp: 4776

Ion Ratio Lower Upper

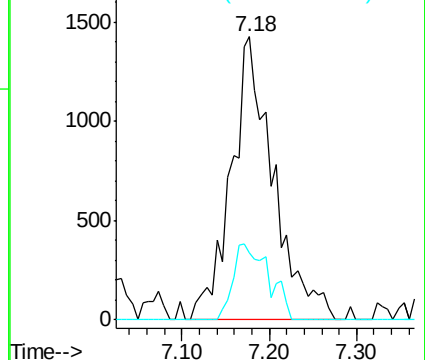
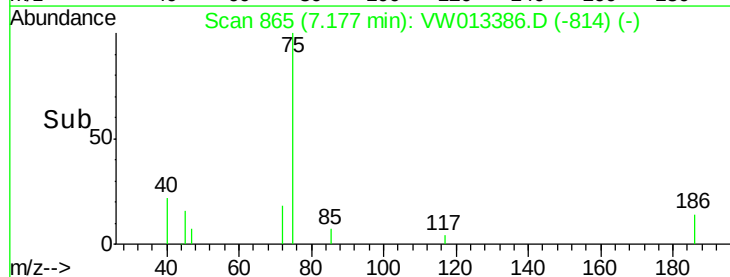
43 100

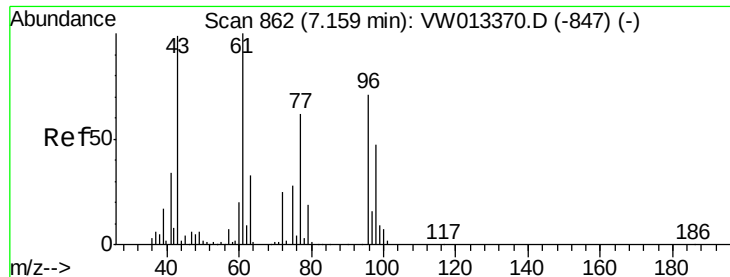
72 23.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

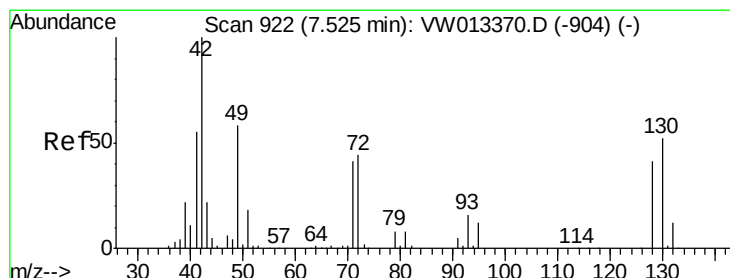
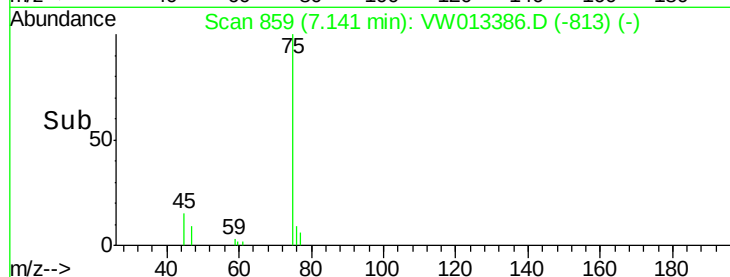
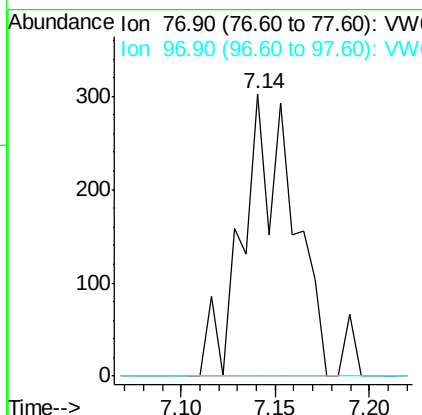
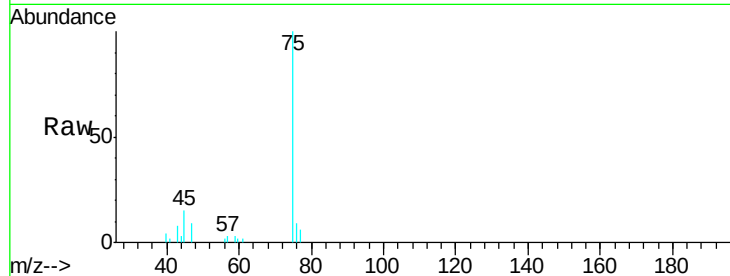




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

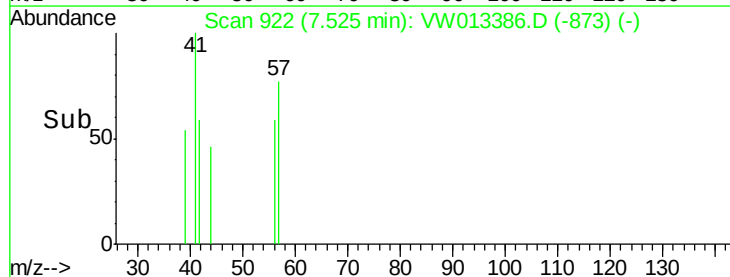
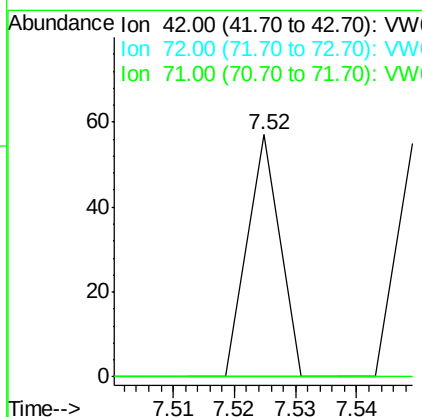
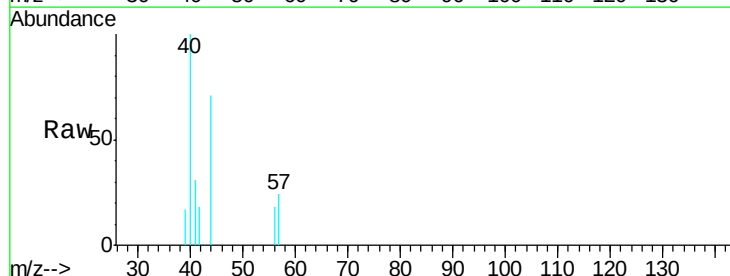
Instrument :
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 OR-02-100119

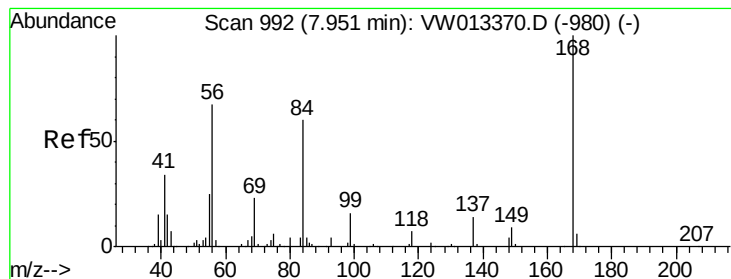
Tgt Ion: 77 Resp: 560
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.730 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

Tgt Ion: 42 Resp: 21
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.9 50.9#
 71 0.0 31.9 47.9#





#31

Cyclohexane

Concen: 2.797 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

OR-02-100119

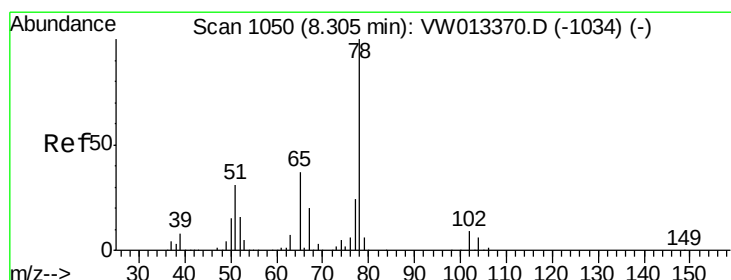
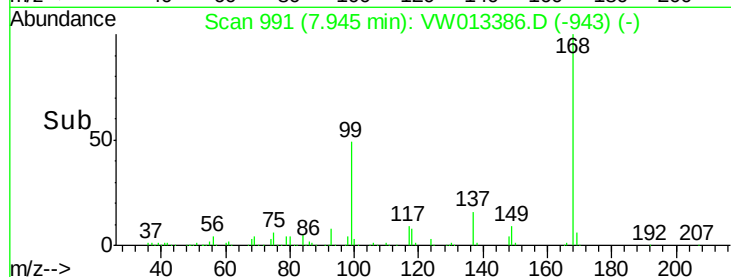
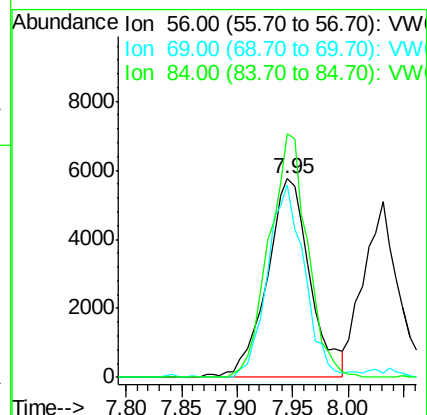
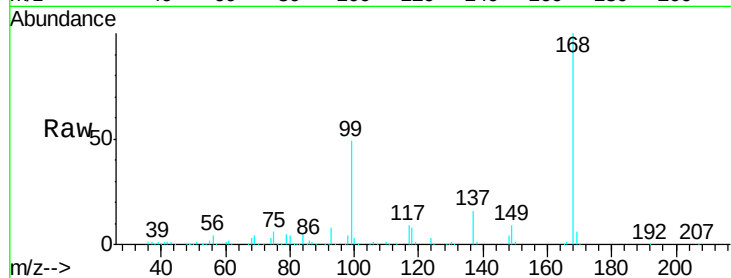
Tgt Ion: 56 Resp: 15409

Ion Ratio Lower Upper

56 100

69 95.8 27.2 40.8#

84 122.6 70.8 106.2#



#33

1,2-Dichloroethane-d4

Concen: 54.858 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013386.D

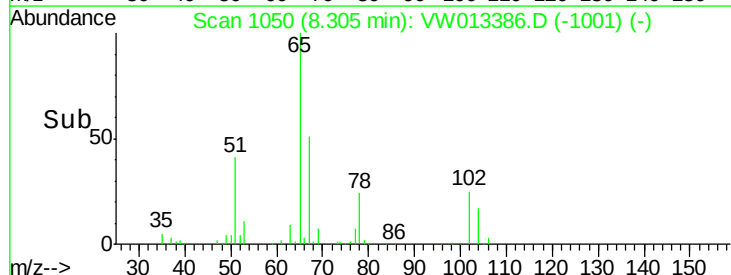
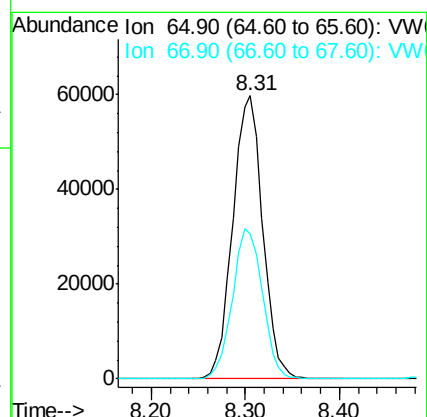
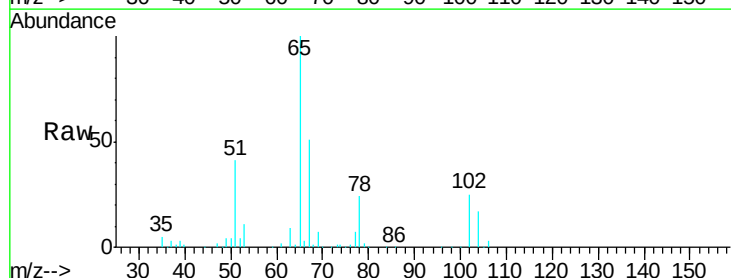
Acq: 02 Oct 2019 18:38

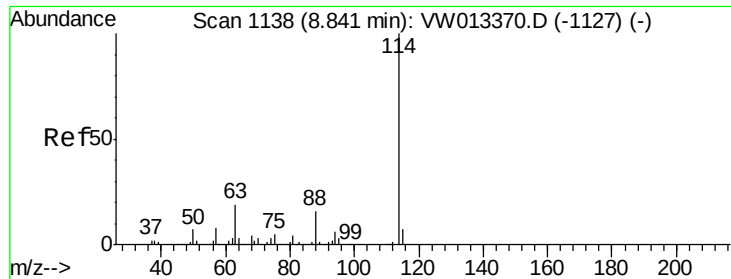
Tgt Ion: 65 Resp: 132082

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2

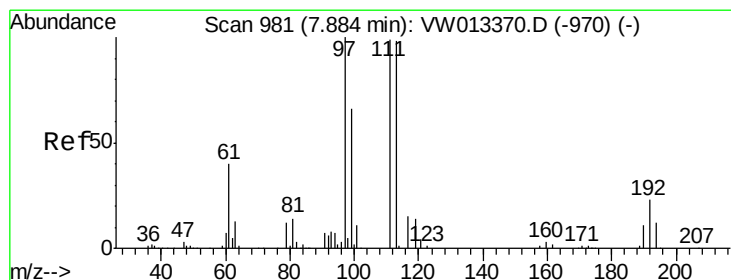
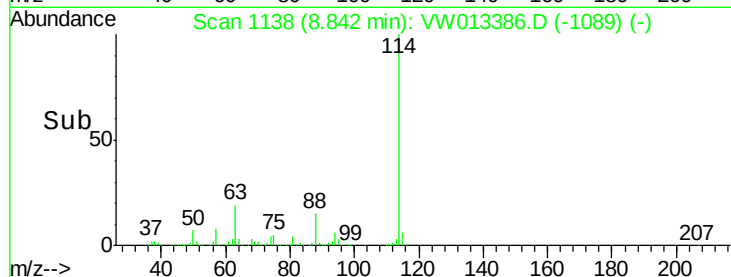
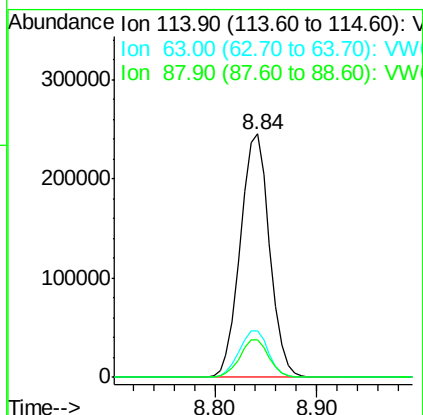
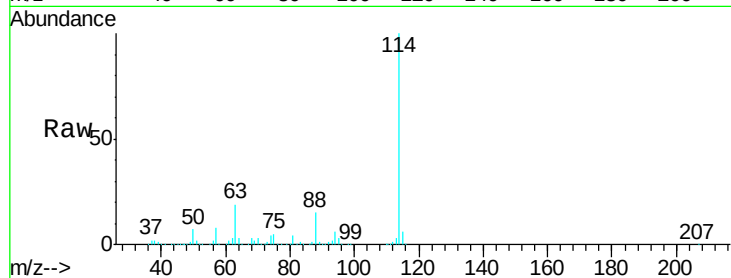




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

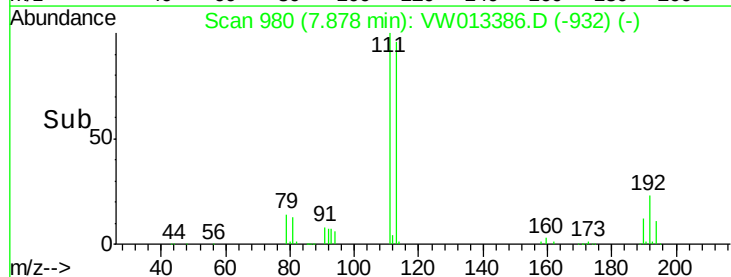
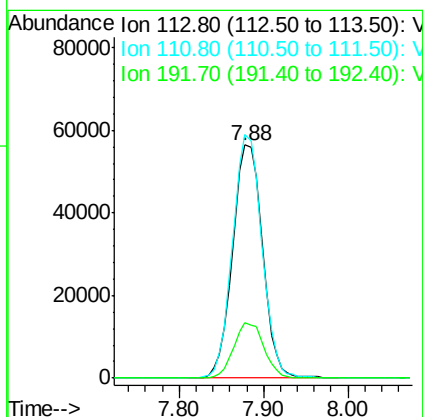
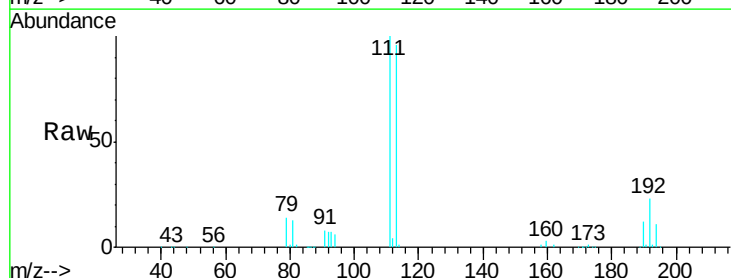
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100119

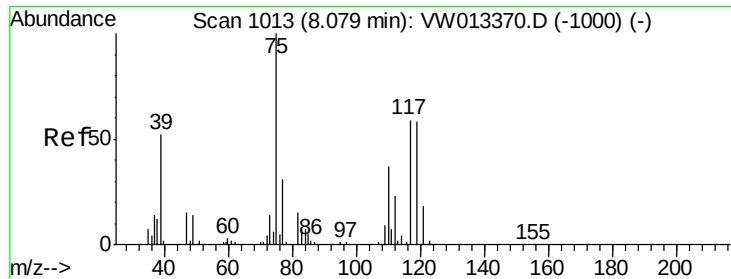
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.4
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.847 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.7	19.1	28.7

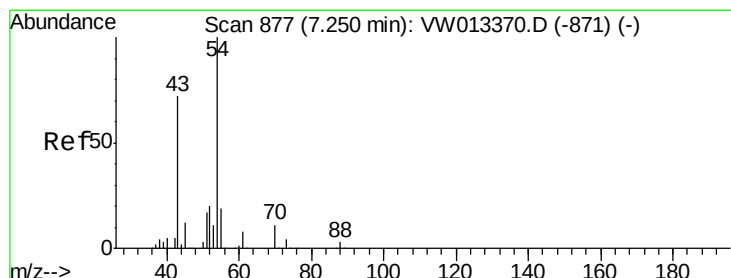
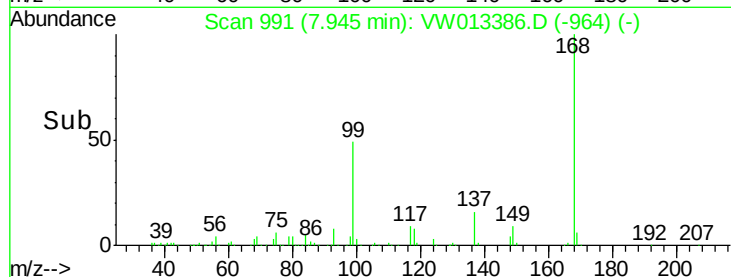
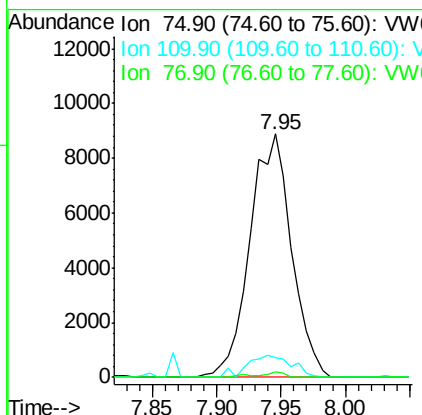
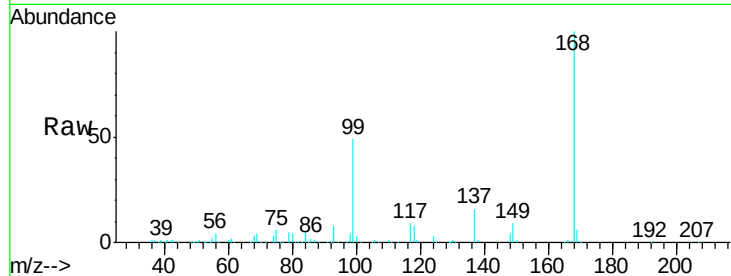




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

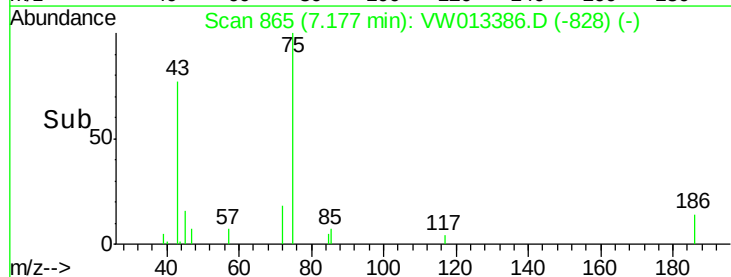
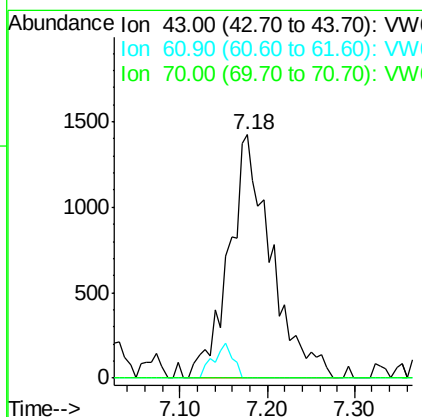
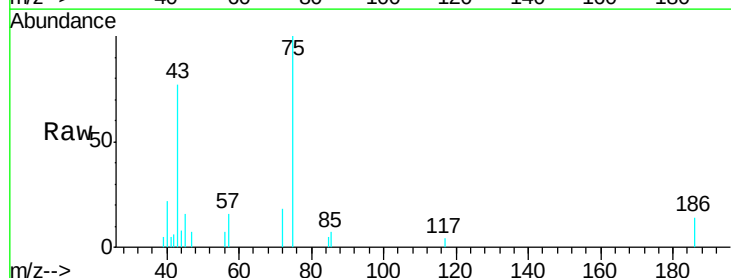
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100119

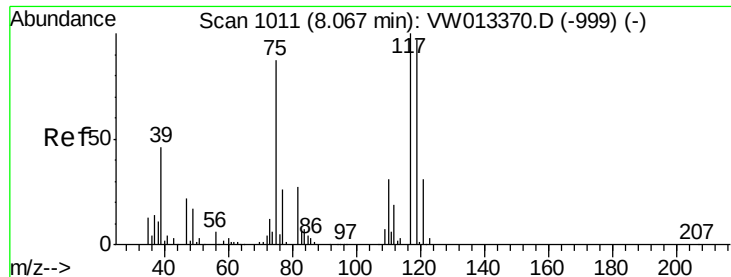
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.3#
77	0.0	25.8	38.6#



#37
 Ethyl Acetate
 Concen: 2.530 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	8.2	12.2#

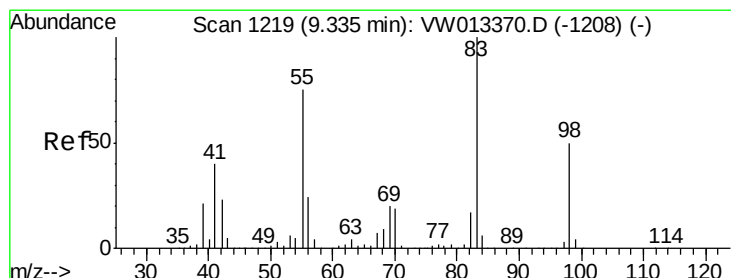
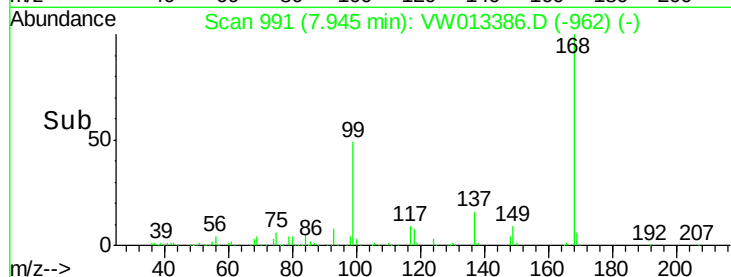
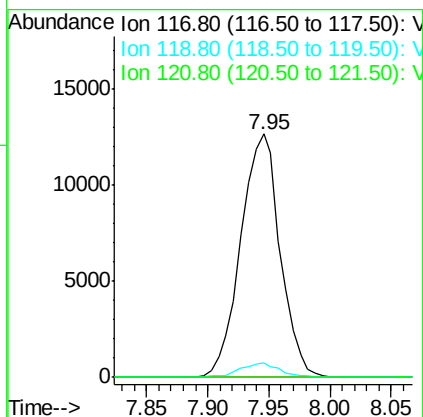
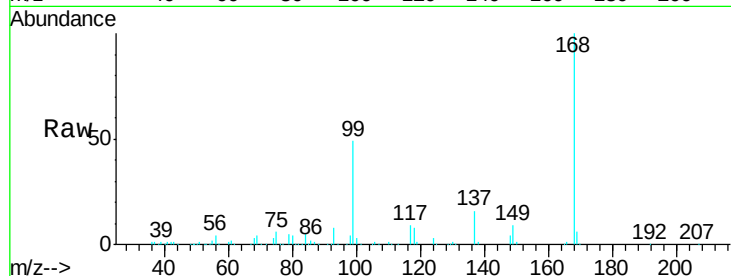




#38
Carbon Tetrachloride
Concen: 7.212 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

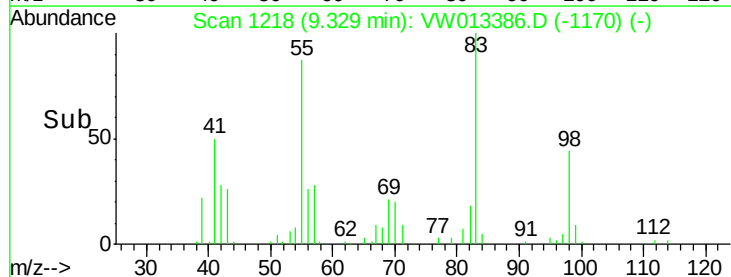
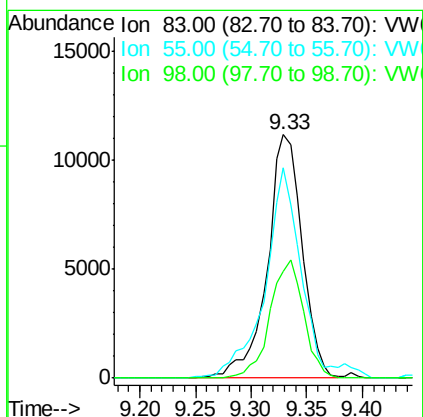
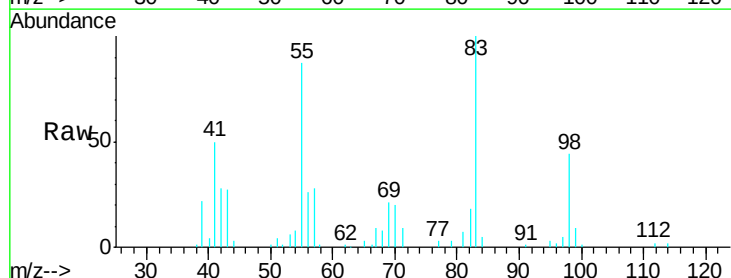
Instrument :
MSVOA_W
ClientSampleId :
OR-02-100119

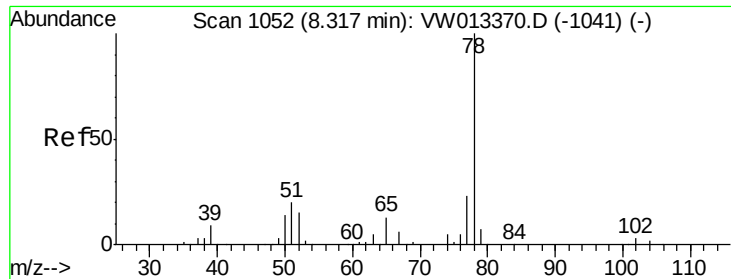
Tgt Ion: 117 Resp: 28333
Ion Ratio Lower Upper
117 100
119 5.8 73.5 110.3#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 4.097 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

Tgt Ion: 83 Resp: 24469
Ion Ratio Lower Upper
83 100
55 86.6 60.4 90.6
98 44.0 40.0 60.0





#40

Benzene

Concen: 4.217 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampled :

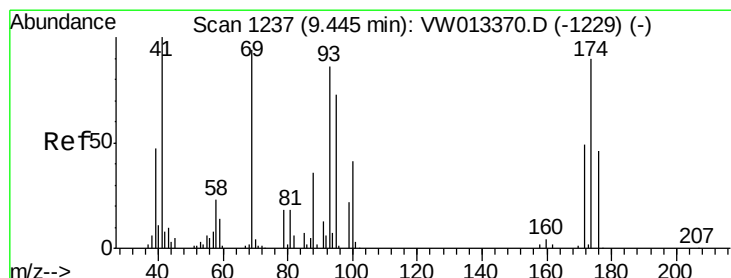
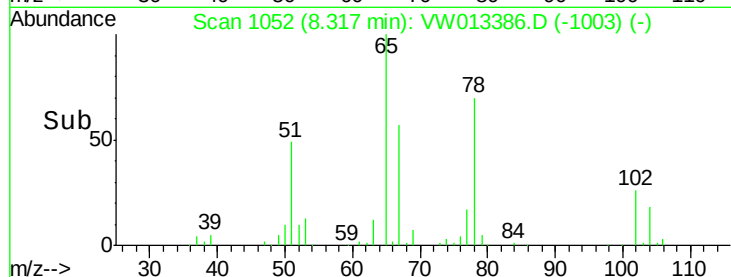
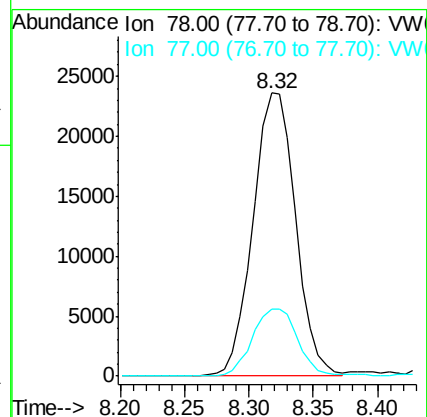
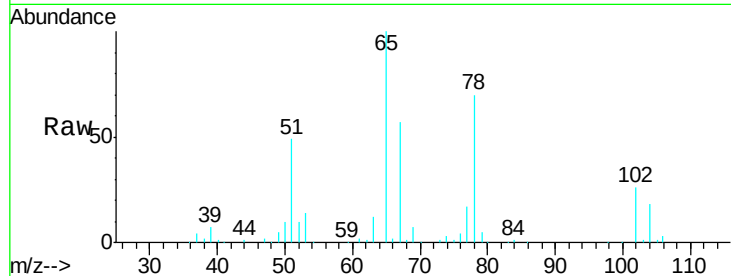
OR-02-100119

Tgt Ion: 78 Resp: 54134

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.65 min Scan# 1271

Delta R.T. 0.21 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

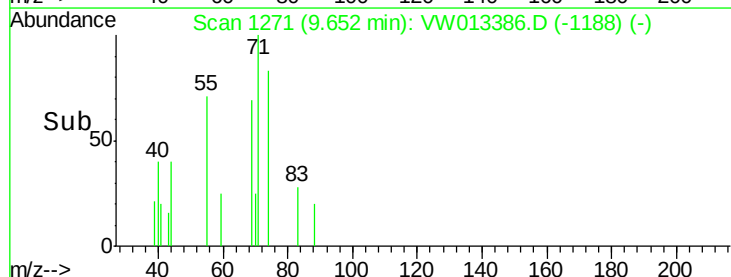
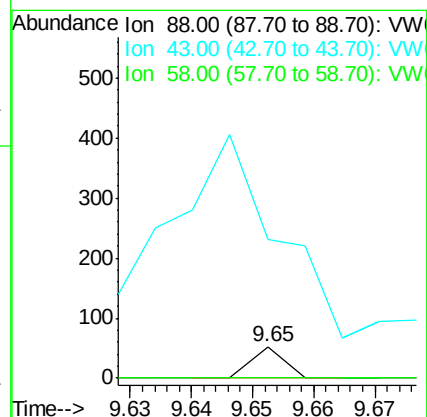
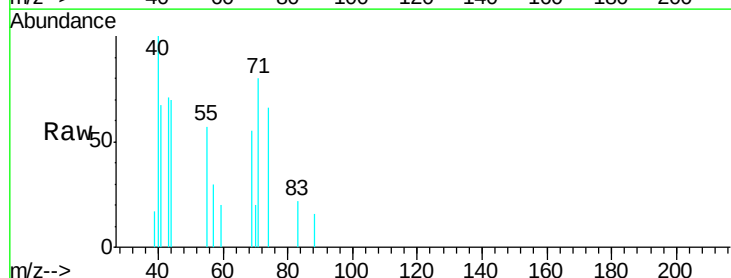
Tgt Ion: 88 Resp: 19

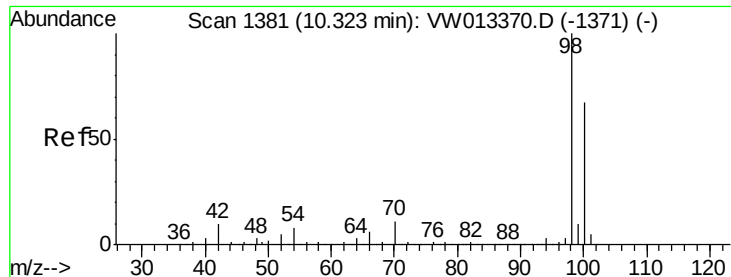
Ion Ratio Lower Upper

88 100

43 3568.4 0.0 0.0#

58 0.0 65.4 98.0#





#50

Toluene-d8

Concen: 52.146 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

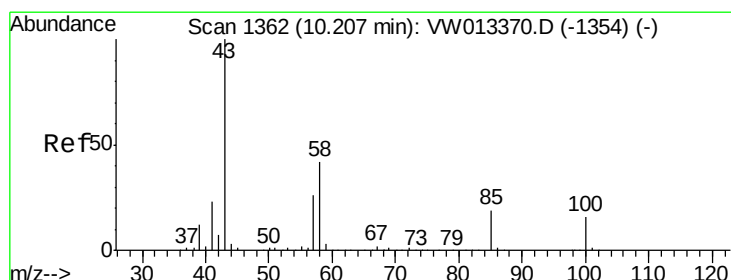
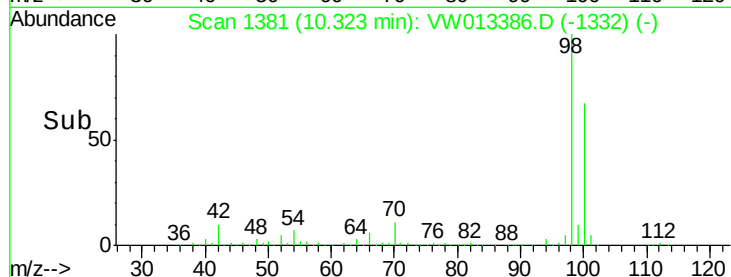
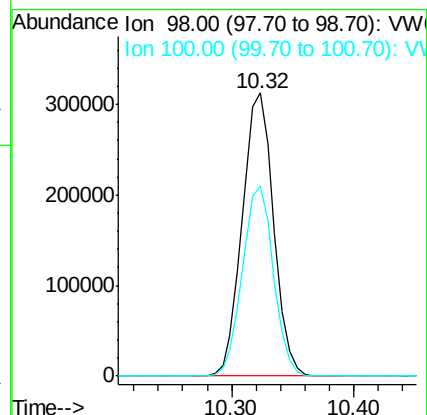
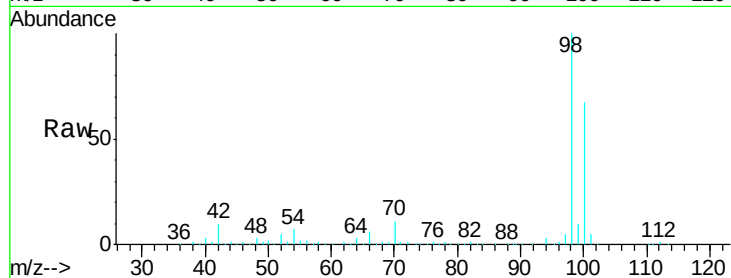
OR-02-100119

Tgt Ion: 98 Resp: 554435

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.258 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.04 min

Lab File: VW013386.D

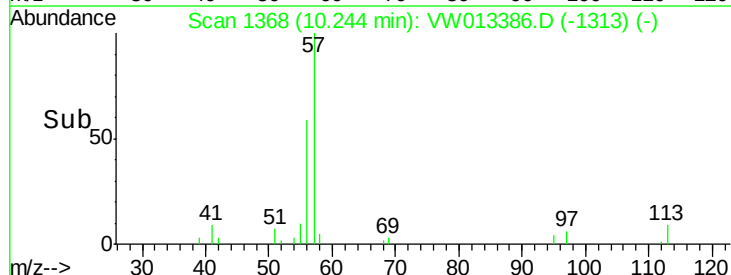
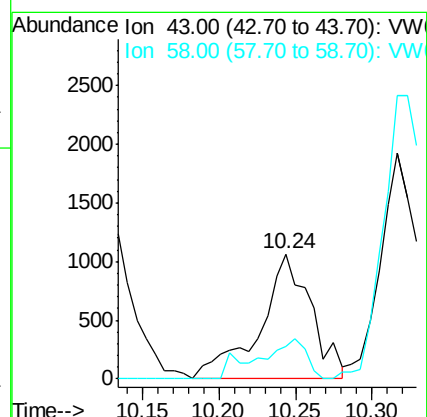
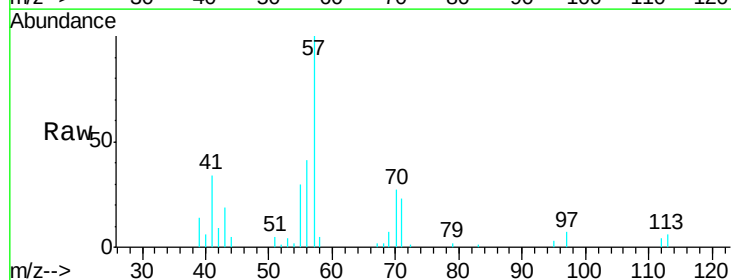
Acq: 02 Oct 2019 18:38

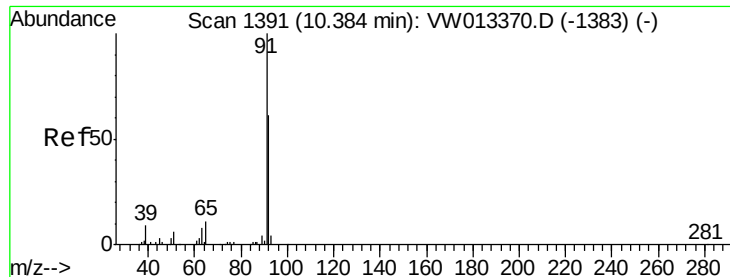
Tgt Ion: 43 Resp: 2490

Ion Ratio Lower Upper

43 100

58 22.5 31.7 47.5#





#52

Toluene

Concen: 2.456 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

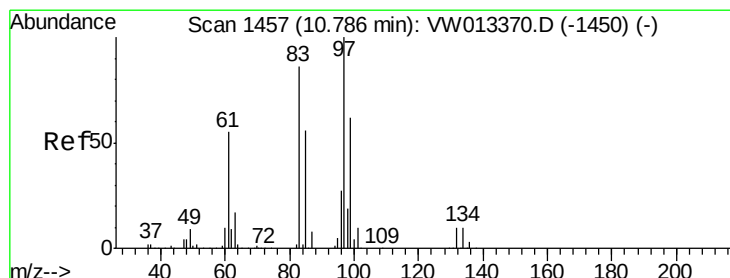
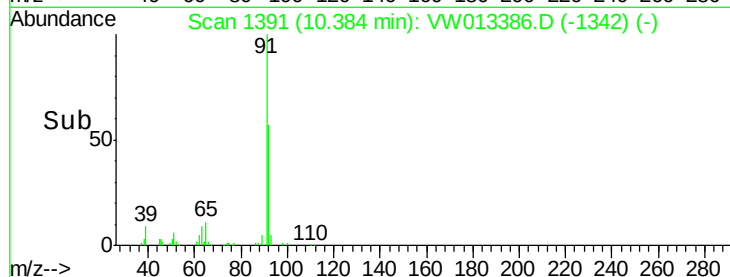
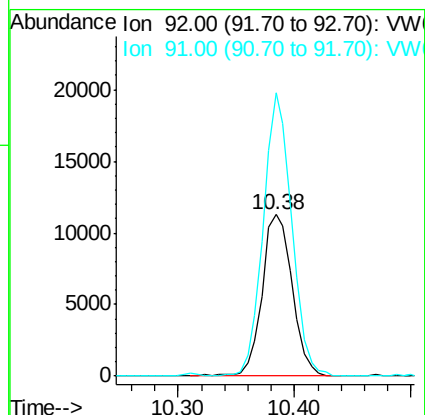
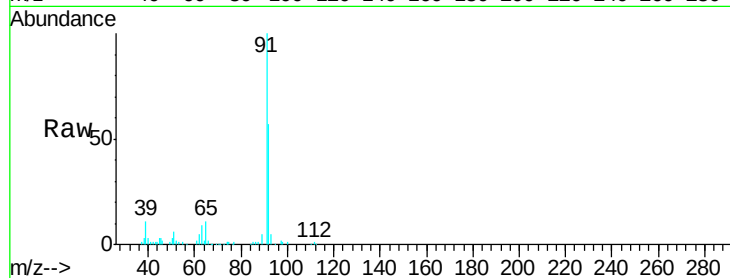
OR-02-100119

Tgt Ion: 92 Resp: 20333

Ion Ratio Lower Upper

92 100

91 165.7 135.7 203.5



#55

1,1,2-Trichloroethane

Concen: 3.492 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Tgt Ion: 97 Resp: 7997

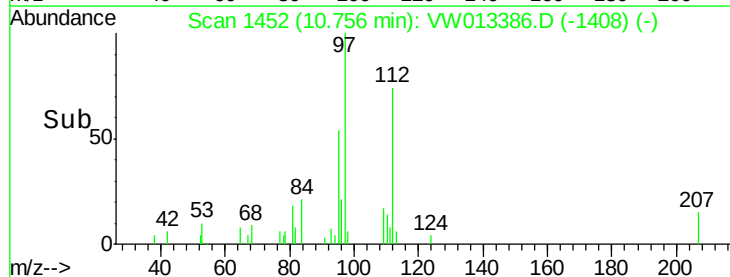
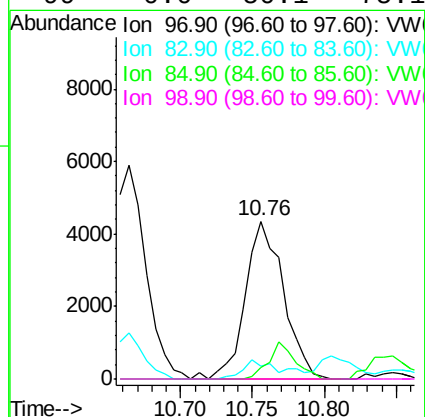
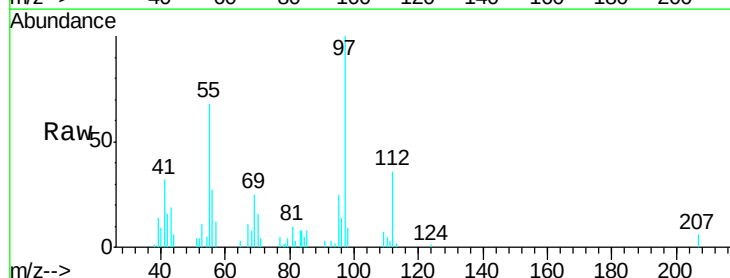
Ion Ratio Lower Upper

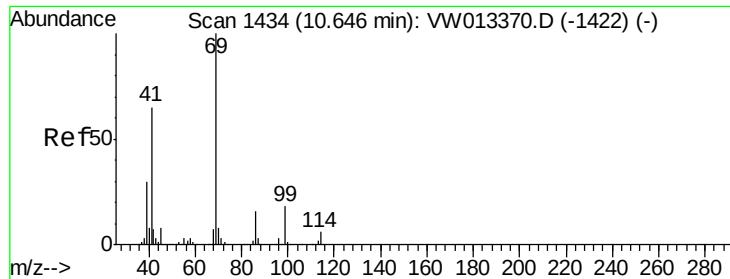
97 100

83 8.3 67.6 101.4#

85 7.6 41.9 62.9#

99 0.0 50.1 75.1#





#56

Ethyl methacrylate

Concen: 1.011 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampled :

OR-02-100119

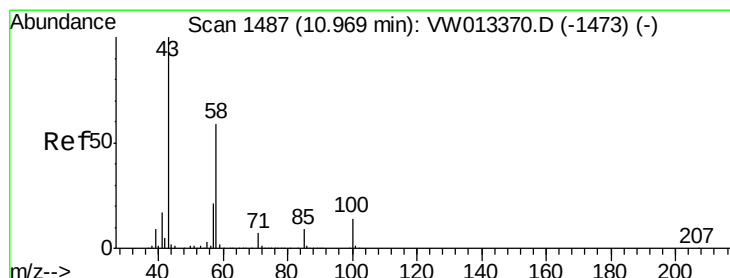
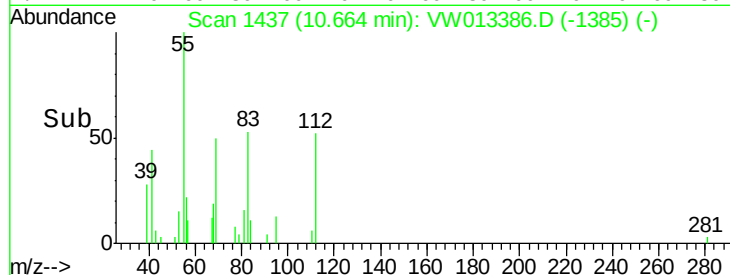
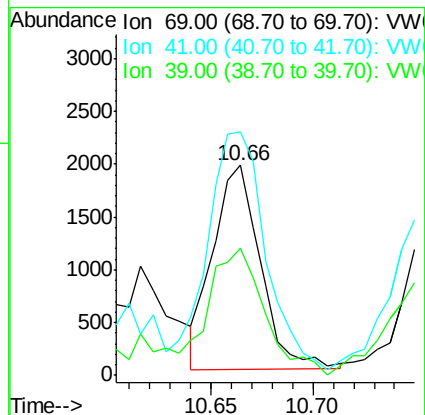
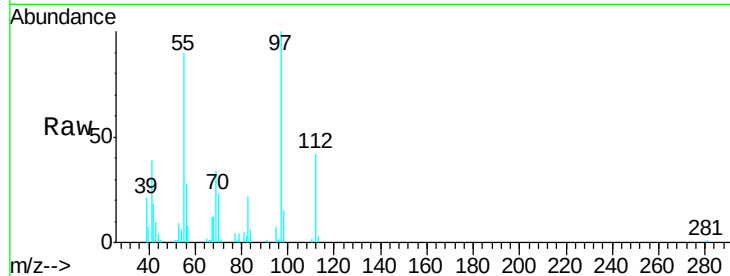
Tgt Ion: 69 Resp: 3118

Ion Ratio Lower Upper

69 100

41 142.1 53.9 80.9#

39 74.1 23.8 35.6#



#59

2-Hexanone

Concen: 2.914 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW013386.D

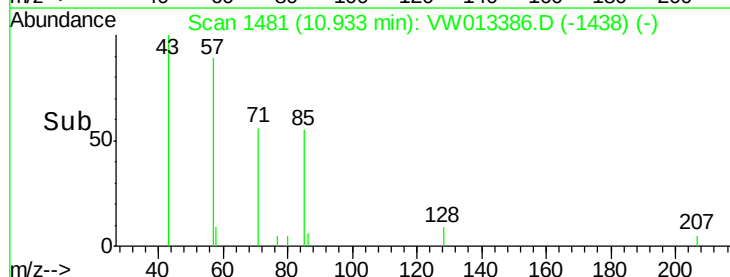
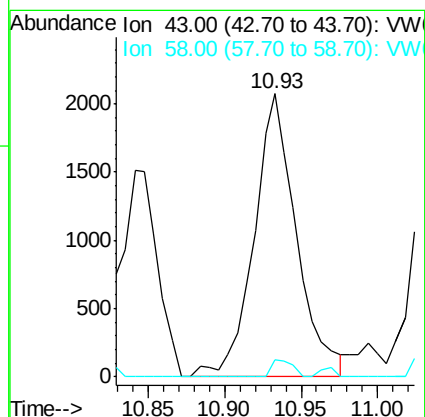
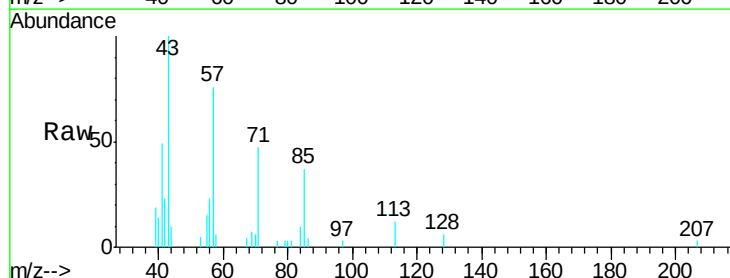
Acq: 02 Oct 2019 18:38

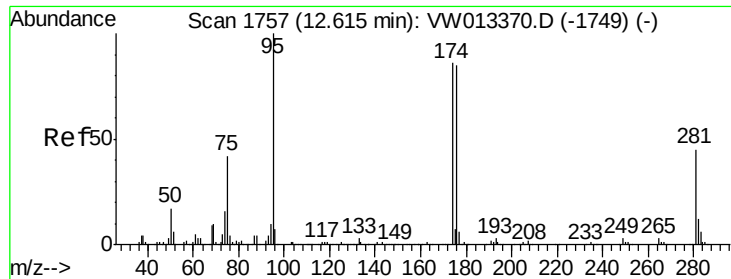
Tgt Ion: 43 Resp: 3998

Ion Ratio Lower Upper

43 100

58 3.0 28.1 84.2#





#62

4-Bromofluorobenzene

Concen: 47.607 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampled :

OR-02-100119

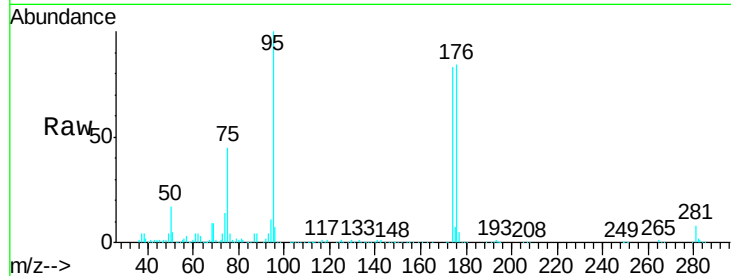
Tgt Ion: 95 Resp: 169028

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.4

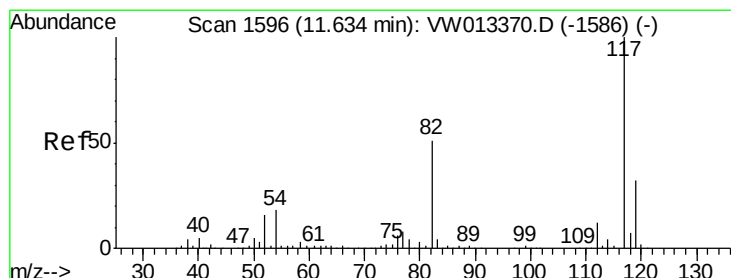
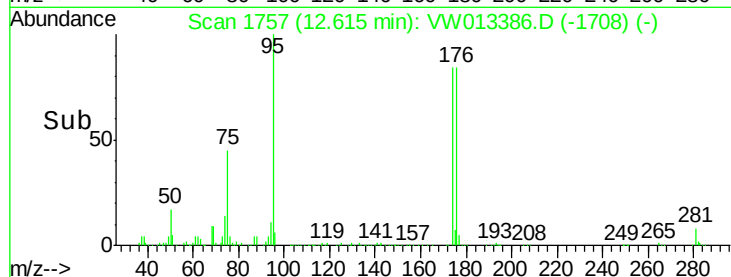
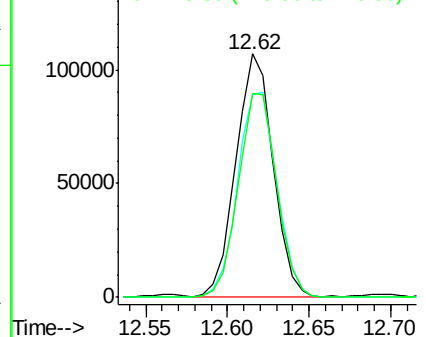
176 87.1 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

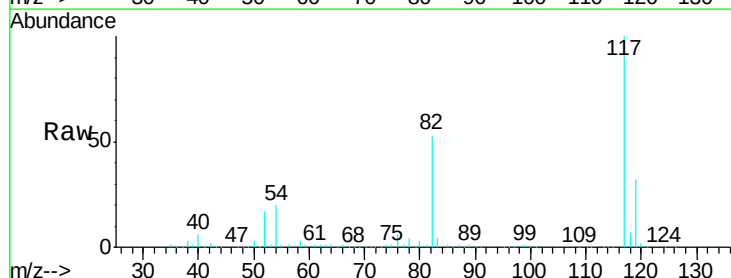
Tgt Ion: 117 Resp: 397299

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

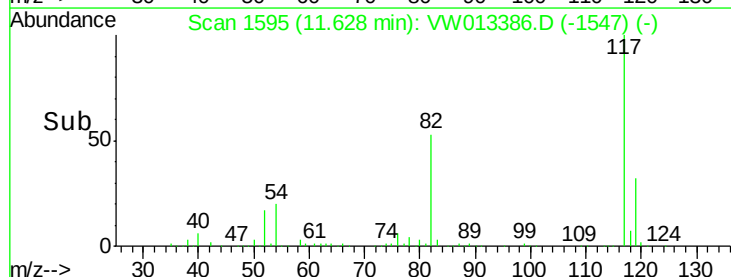
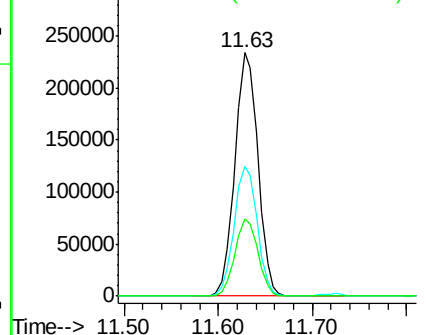
119 32.0 26.2 39.2

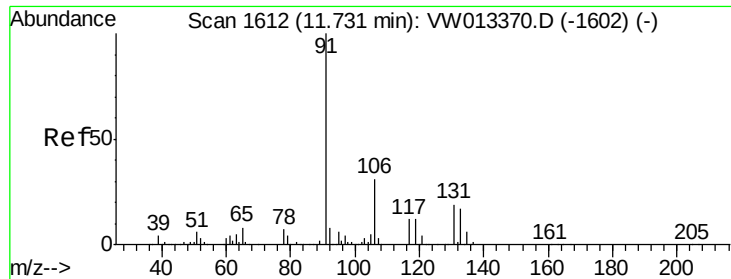


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

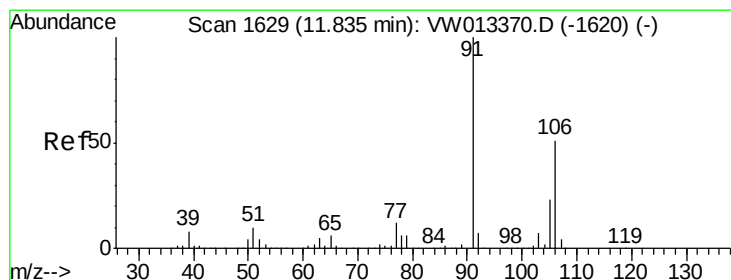
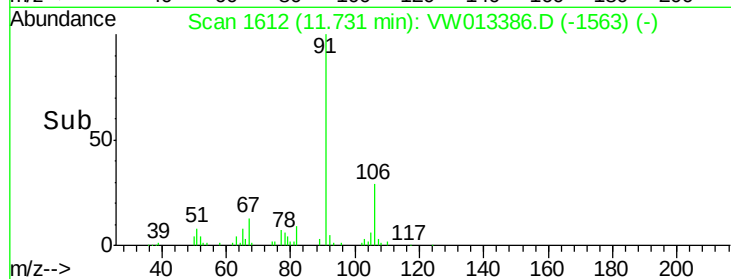
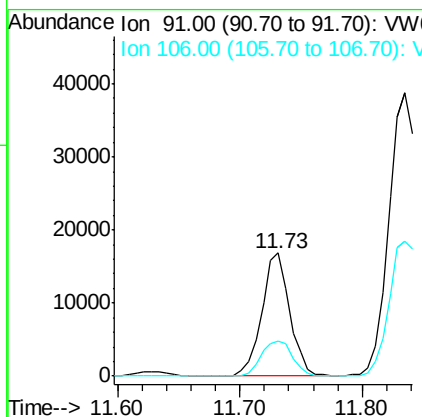
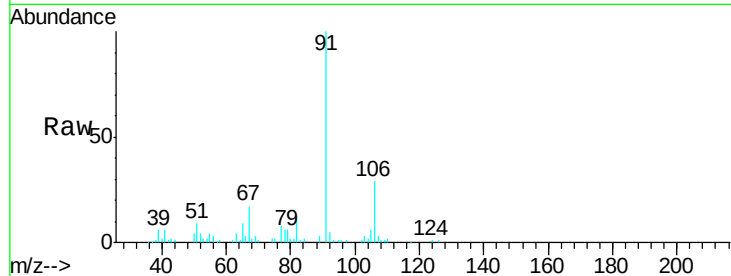




#67
Ethyl Benzene
Concen: 1.847 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

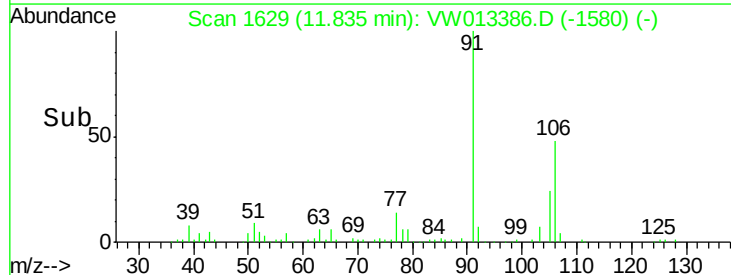
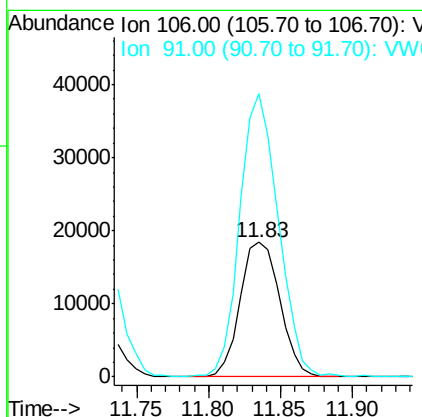
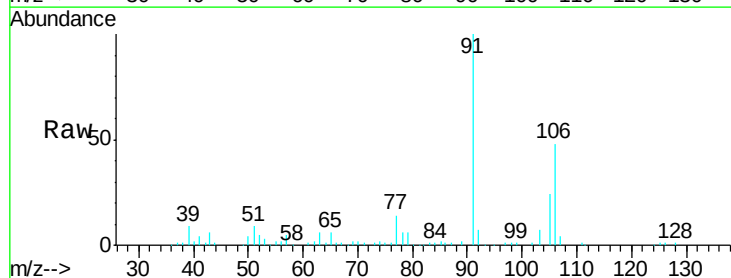
Instrument :
MSVOA_W
ClientSampleId :
OR-02-100119

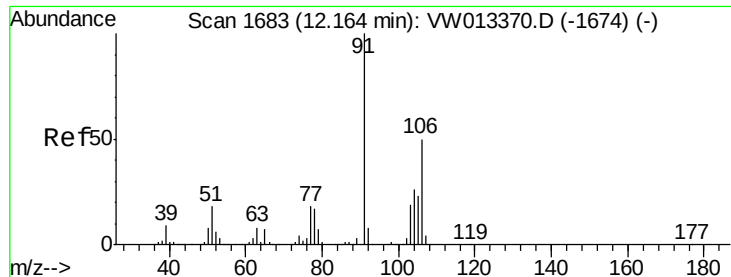
Tgt Ion: 91 Resp: 26948
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3



#68
m/p-Xylenes
Concen: 6.270 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

Tgt Ion: 106 Resp: 35307
Ion Ratio Lower Upper
106 100
91 202.3 157.9 236.9

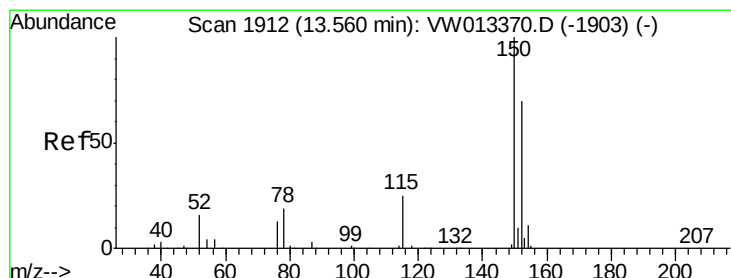
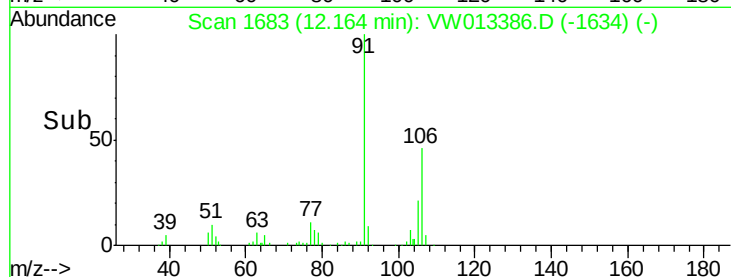
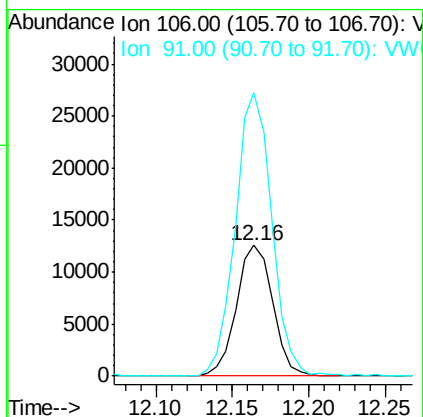
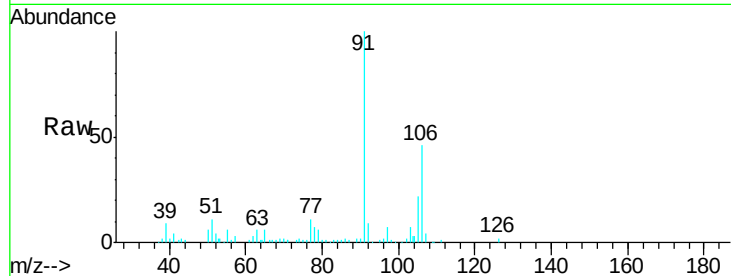




#69
o-Xylene
Concen: 3.976 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

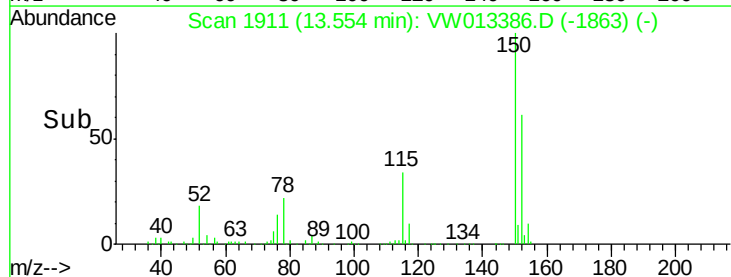
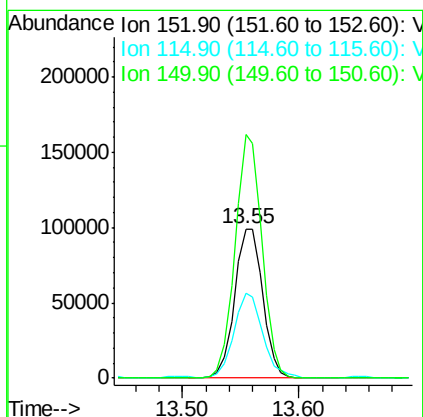
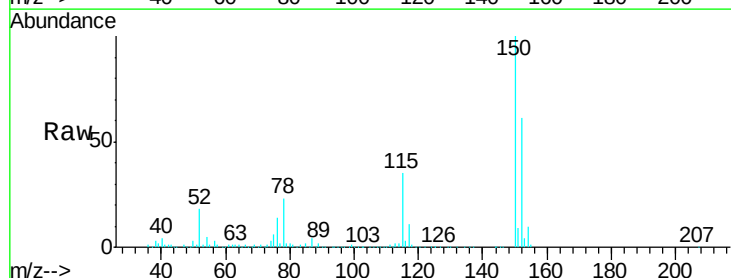
Instrument :
MSVOA_W
ClientSampled :
OR-02-100119

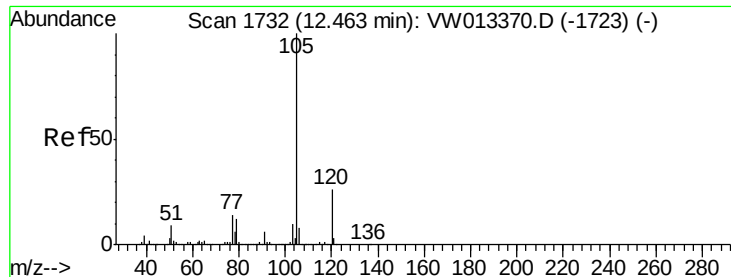
Tgt Ion:106 Resp: 20698
Ion Ratio Lower Upper
106 100
91 218.7 106.5 319.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

Tgt Ion:152 Resp: 166940
Ion Ratio Lower Upper
152 100
115 58.2 27.3 81.9
150 155.6 0.0 349.0





#73

Isopropylbenzene

Concen: 1.149 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

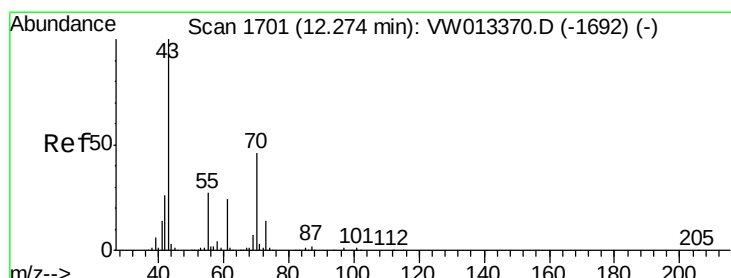
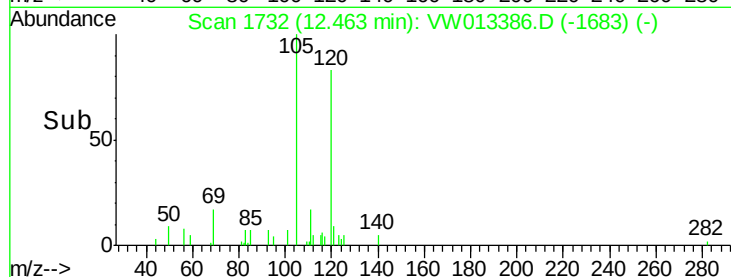
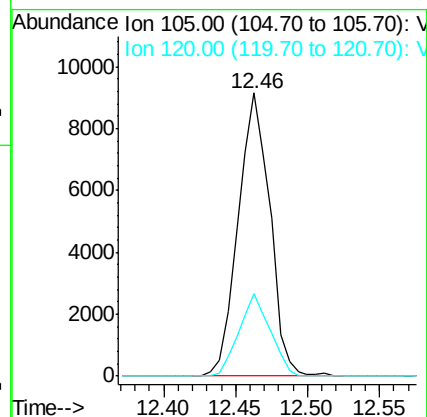
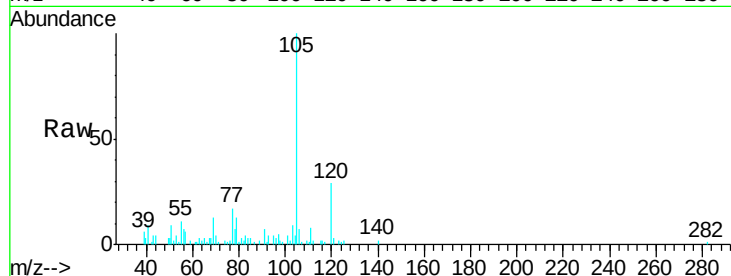
OR-02-100119

Tgt Ion: 105 Resp: 14026

Ion Ratio Lower Upper

105 100

120 28.5 13.4 40.1



#74

N-ethyl acetate

Concen: 1.031 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Tgt Ion: 43 Resp: 2679

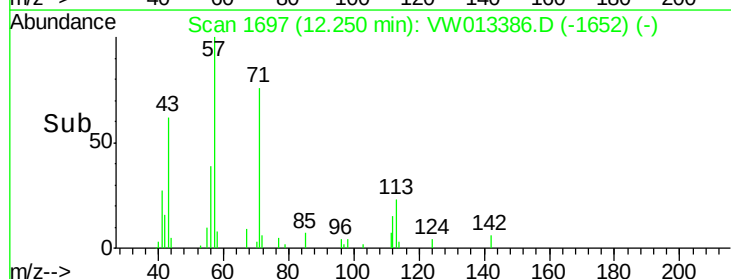
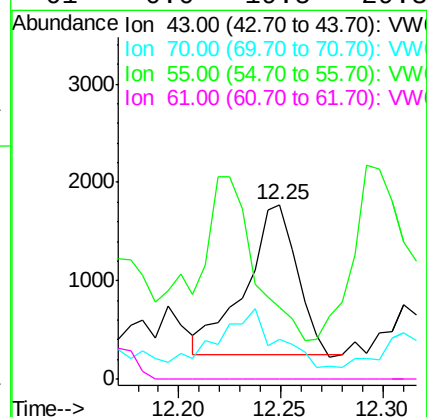
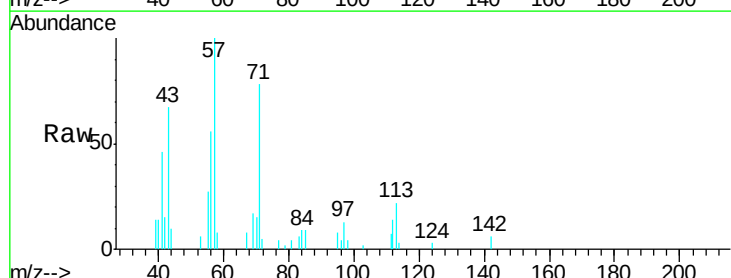
Ion Ratio Lower Upper

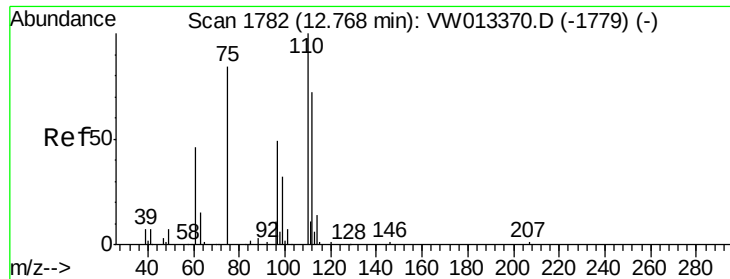
43 100

70 43.2 35.1 52.7

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#

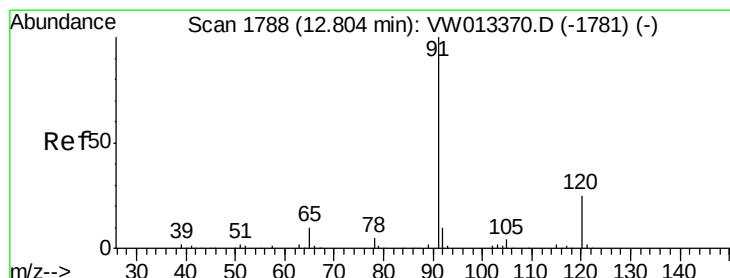
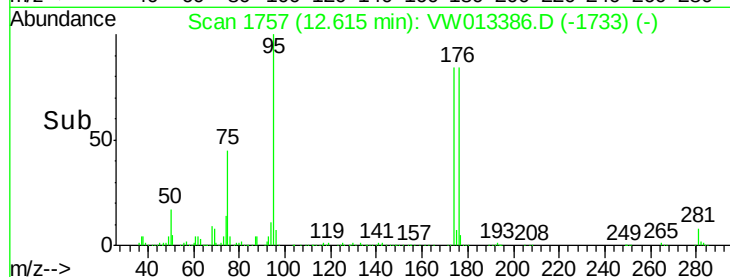
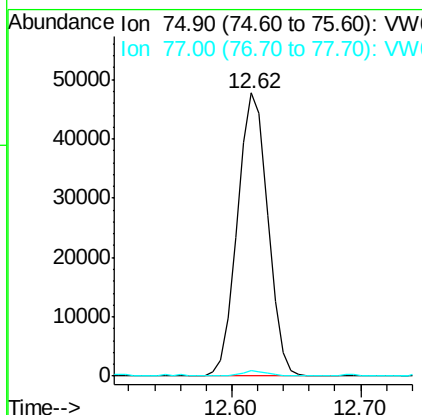
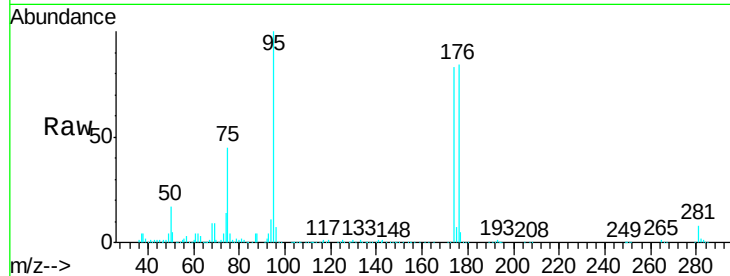




#76
 1,2,3-Trichloropropane
 Concen: 52.594 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

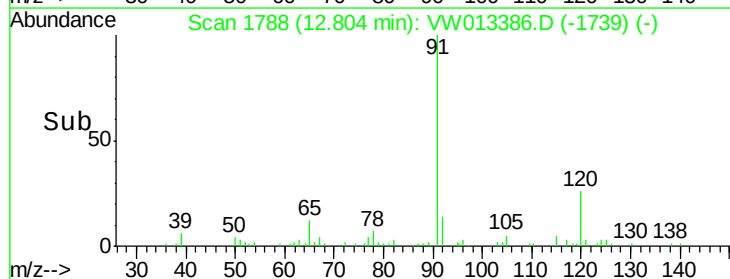
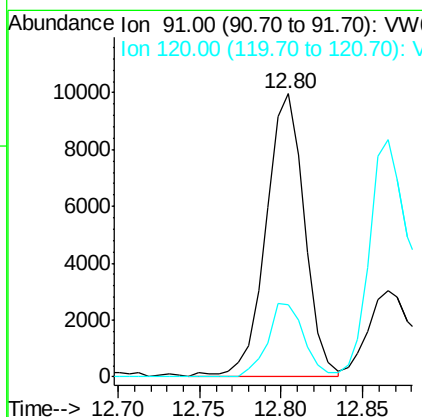
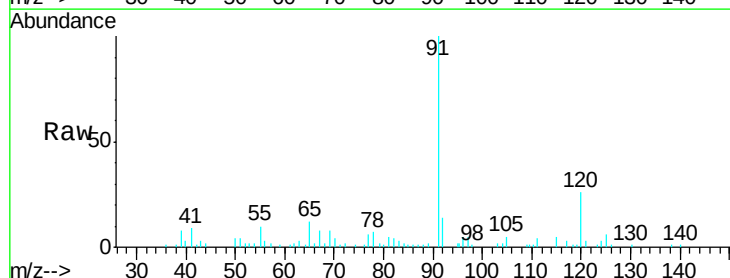
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100119

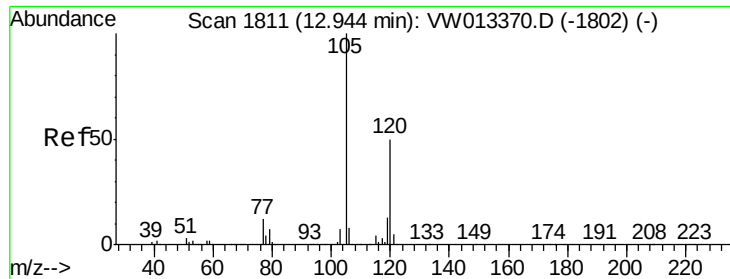
Tgt Ion: 75 Resp: 78035
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.164 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

Tgt Ion: 91 Resp: 16347
 Ion Ratio Lower Upper
 91 100
 120 24.2 11.7 35.1





#80

1,3,5-Trimethylbenzene

Concen: 3.897 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampled :

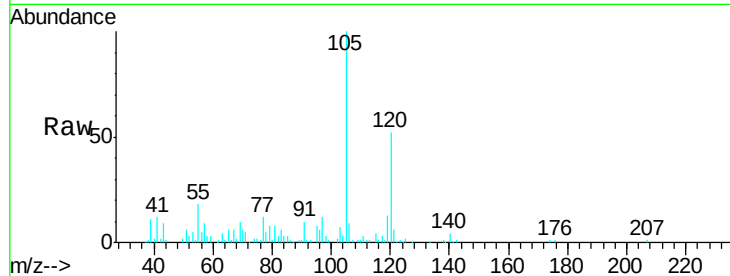
OR-02-100119

Tgt Ion: 105 Resp: 39532

Ion Ratio Lower Upper

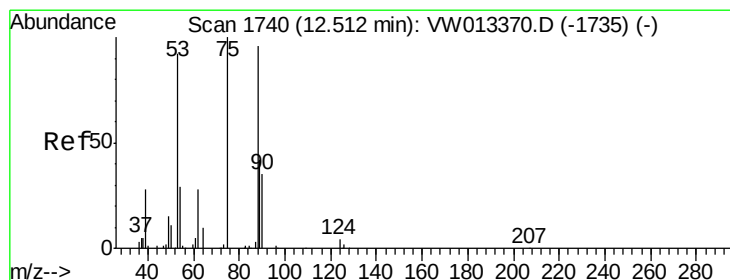
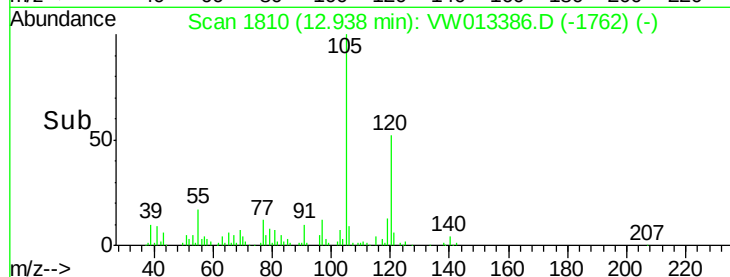
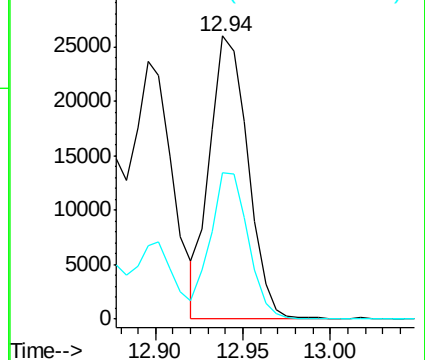
105 100

120 51.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.647 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013386.D

Acq: 02 Oct 2019 18:38

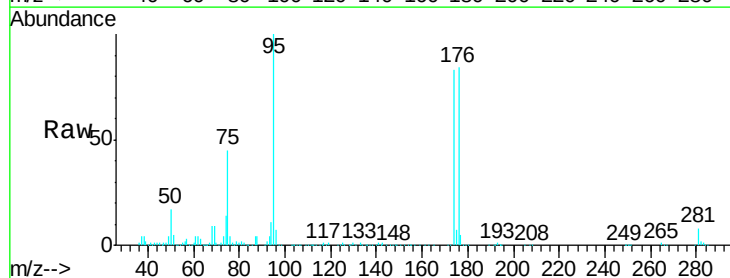
Tgt Ion: 75 Resp: 78035

Ion Ratio Lower Upper

75 100

53 0.2 76.6 114.8#

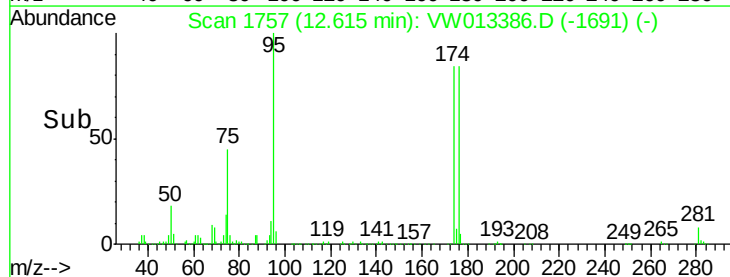
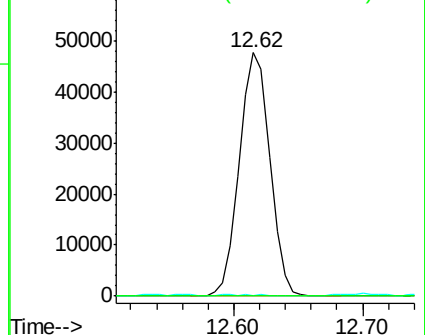
89 0.0 33.5 50.3#

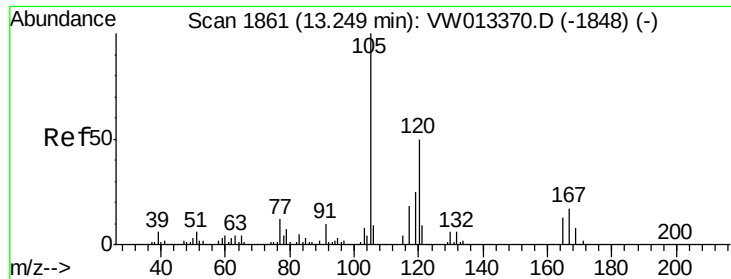


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

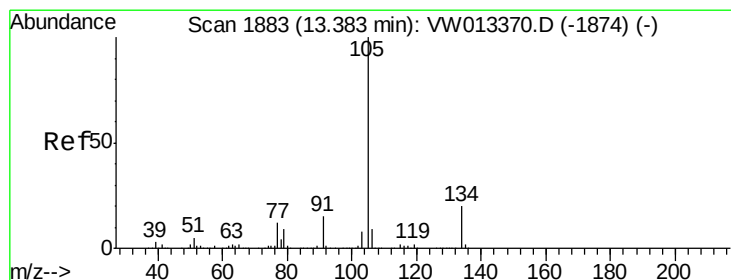
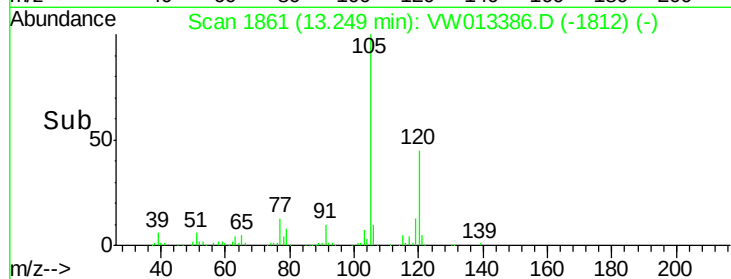
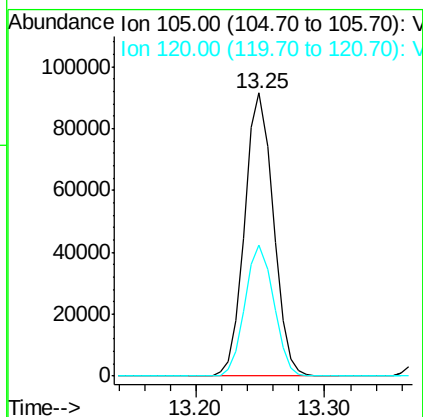
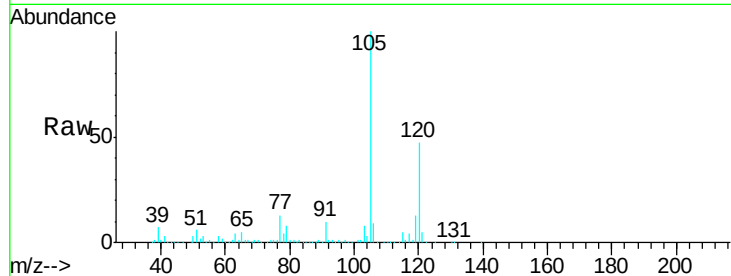




#84
 1,2,4-Trimethylbenzene
 Concen: 13.944 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

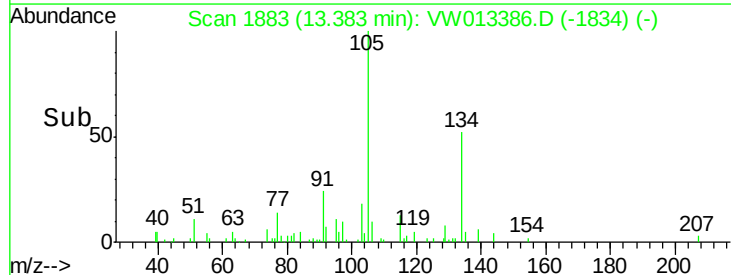
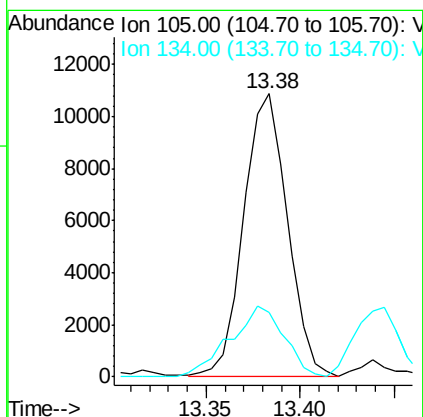
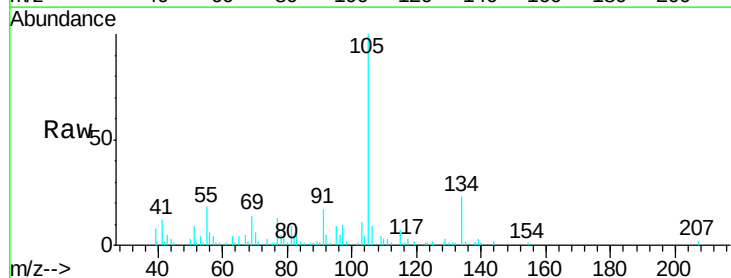
Instrument :
 MSVOA_W
 ClientSampled :
 OR-02-100119

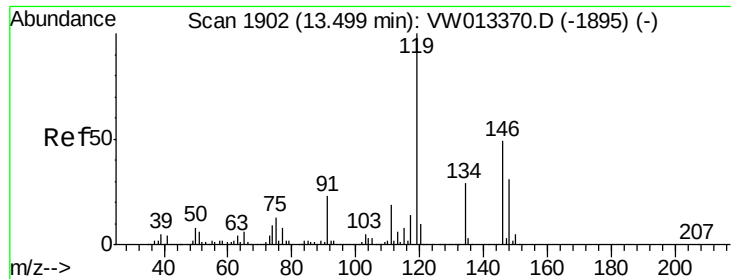
Tgt Ion:105 Resp: 140613
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 1.436 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013386.D
 Acq: 02 Oct 2019 18:38

Tgt Ion:105 Resp: 17543
 Ion Ratio Lower Upper
 105 100
 134 30.8 10.3 30.8#

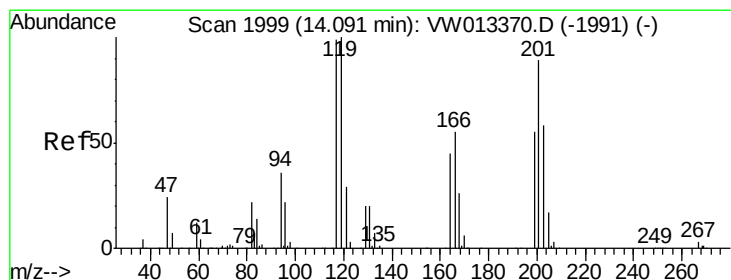
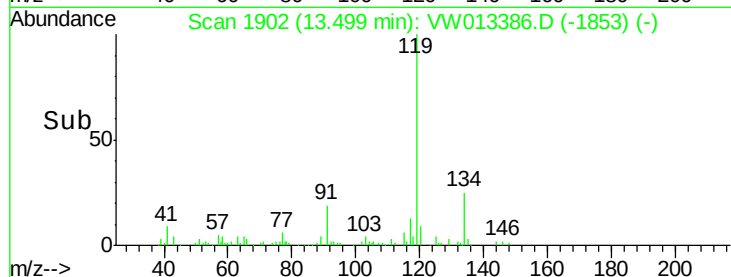
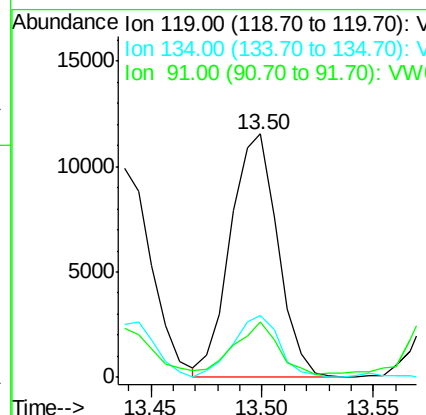
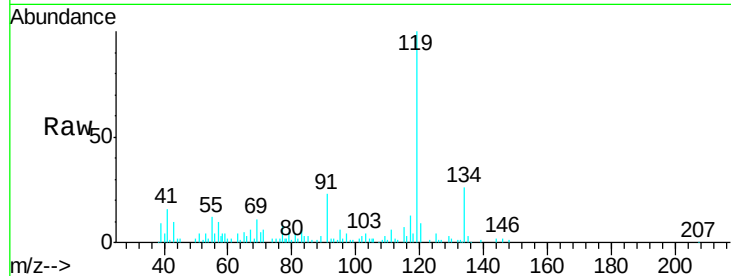




#86
p-Isopropyltoluene
Concen: 1.504 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

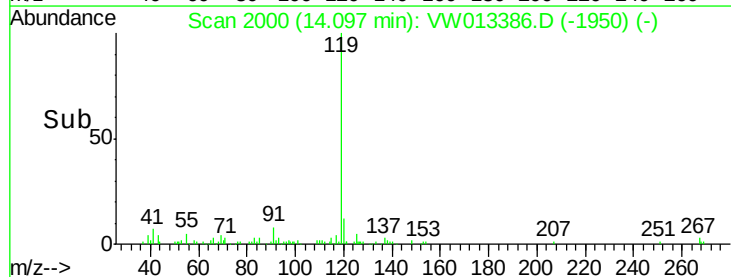
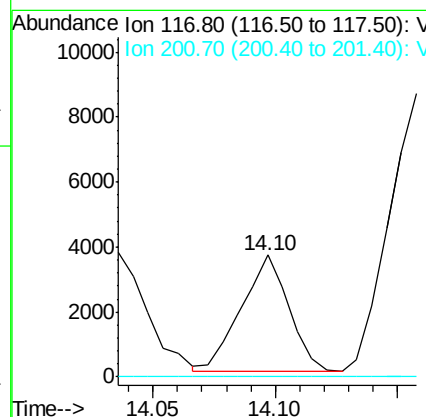
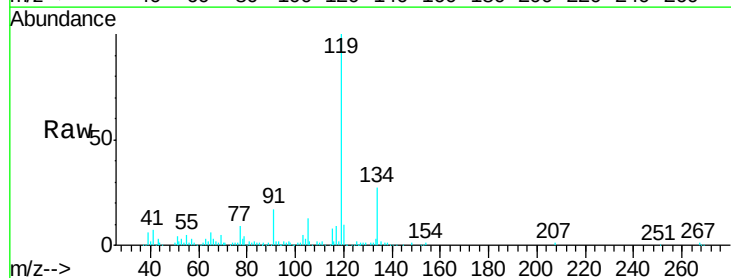
Instrument :
MSVOA_W
ClientSampleId :
OR-02-100119

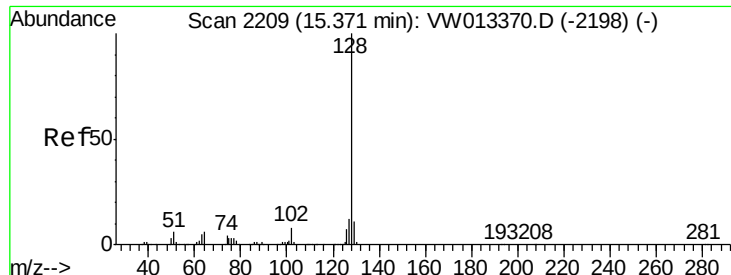
Tgt Ion:119 Resp: 17025
Ion Ratio Lower Upper
119 100
134 25.2 13.3 39.8
91 18.5 10.8 32.4



#90
Hexachloroethane
Concen: 2.594 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

Tgt Ion:117 Resp: 4851
Ion Ratio Lower Upper
117 100
201 0.0 44.5 133.5#

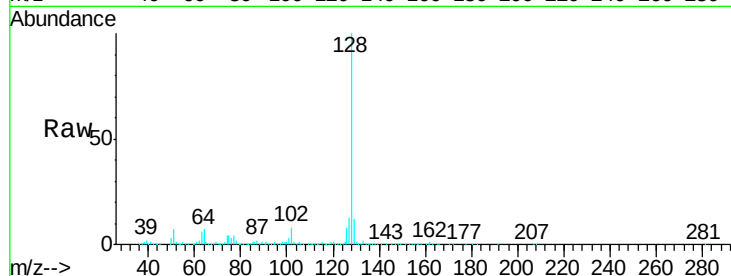




#95
Naphthalene
Concen: 52.276 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013386.D
Acq: 02 Oct 2019 18:38

Instrument :
MSVOA_W
ClientSampleId :
OR-02-100119

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.4	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

