

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013023.D
 Acq On : 15 Sep 2019 05:44
 Operator : SY/VA
 Sample : K4850-02
 Misc : 4.69G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	154049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	171612	58.02	ug/l	0.00
Spiked Amount			Recovery	=	116.04%	
35) Dibromofluoromethane	7.88	113	142678	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	598701	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
62) 4-Bromofluorobenzene	12.62	95	179378	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	57	Below Cal	#	44
3) Chloromethane	2.21	50	235	Below Cal		90
11) Tert butyl alcohol	5.17	59	236	Below Cal	#	72
13) Acrolein	3.88	56	139	Below Cal	#	15
16) Acetone	4.13	43	100709	149.027	ug/l	92
17) Carbon Disulfide	4.37	76	48954	11.113	ug/l	96
18) Methyl Acetate	4.67	43	6996	4.152	ug/l	95
20) Methylene Chloride	4.90	84	5526	Below Cal	#	93
25) 2-Butanone	7.18	43	38713	41.164	ug/l	95
26) 2,2-Dichloropropane	7.12	77	259	Below Cal	#	55
31) Cyclohexane	7.95	56	10069	Below Cal	#	16
36) 1,1-Dichloropropene	7.94	75	24238	6.118	ug/l #	51
37) Ethyl Acetate	7.18	43	38713	18.409	ug/l #	73
38) Carbon Tetrachloride	7.94	117	30502	7.513	ug/l #	14
39) Methylcyclohexane	9.33	83	13717	3.160	ug/l	92
40) Benzene	8.32	78	132448	11.975	ug/l	99
52) Toluene	10.38	92	38103	5.422	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	4486	2.092	ug/l #	20
67) Ethyl Benzene	11.73	91	1148699	84.332	ug/l	99
68) m/p-Xylenes	11.84	106	163649	32.888	ug/l	99
69) o-Xylene	12.16	106	256245	54.928	ug/l	99
70) Styrene	12.17	104	22335	2.691	ug/l #	1
73) Isopropylbenzene	12.46	105	750026	73.454	ug/l	100
74) N-amyl acetate	12.25	43	7334	2.792	ug/l #	64
76) 1,2,3-Trichloropropane	12.90	75	4860	3.602	ug/l #	100
78) n-propylbenzene	12.80	91	165391	13.770	ug/l	100
79) 2-Chlorotoluene	12.90	91	63041	9.130	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.94	105	220582	25.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	9201	15.468	ug/l #	54
82) 4-Chlorotoluene	12.94	91	25264	3.468	ug/l #	42
83) tert-Butylbenzene	13.25	119	146067	18.904	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.25	105	1149897	134.710	ug/l	98
85) sec-Butylbenzene	13.25	105	1149897	109.232	ug/l #	56
86) p-Isopropyltoluene	13.49	119	115235	11.923	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

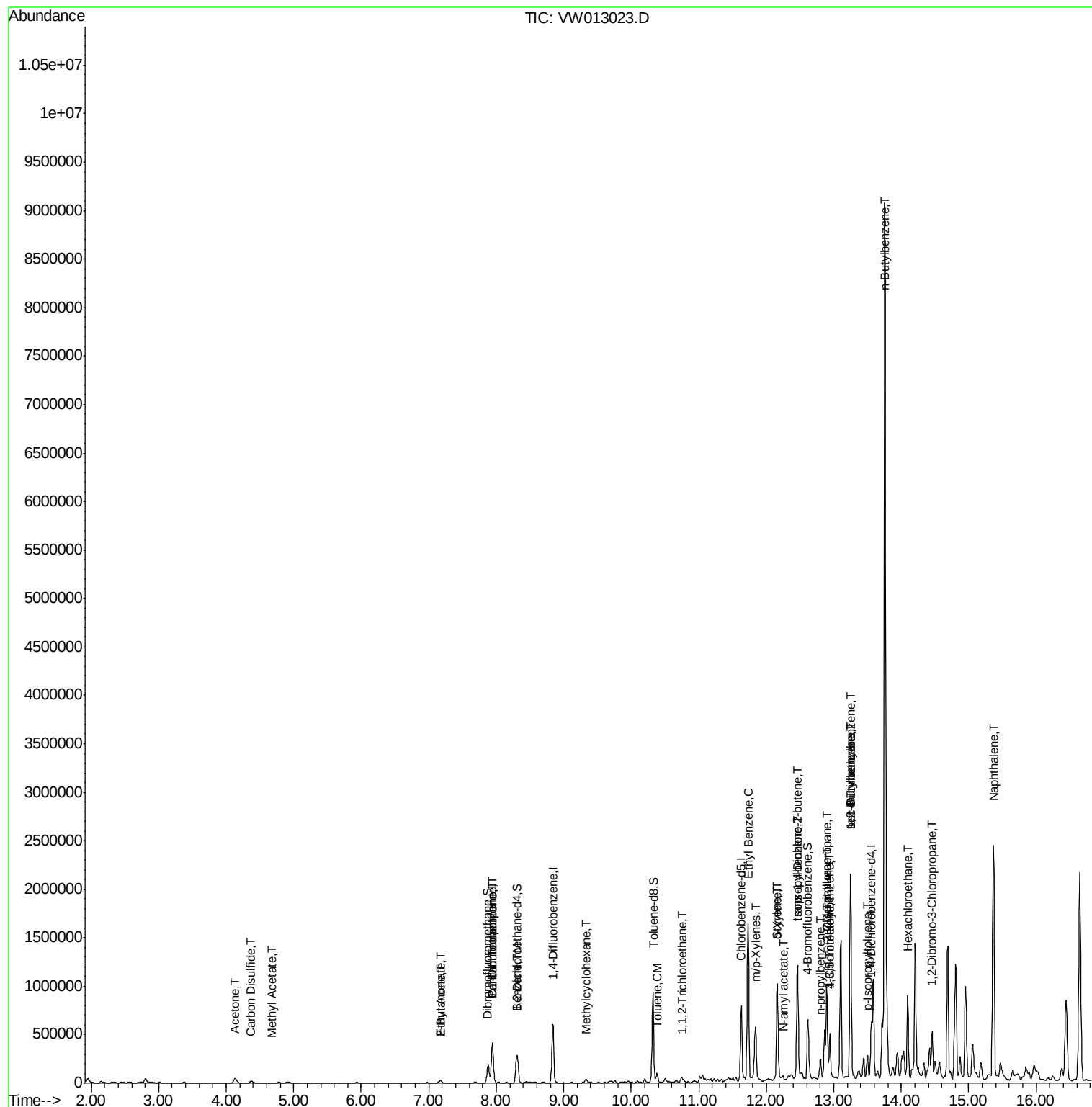
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.76	91	905473	99.338	ug/l #	41
90) Hexachloroethane	14.09	117	56238	32.469	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.46	75	1657	5.048	ug/l #	1
95) Naphthalene	15.36	128	2068099	423.817	ug/l	99

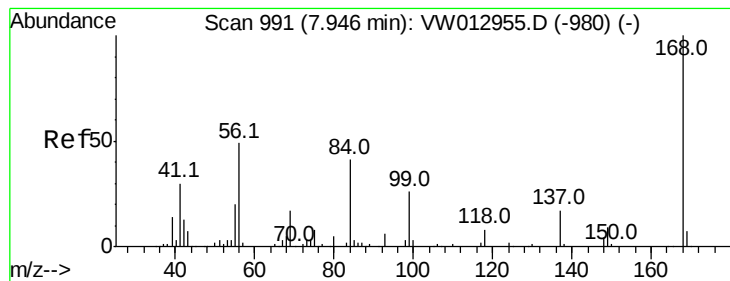
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

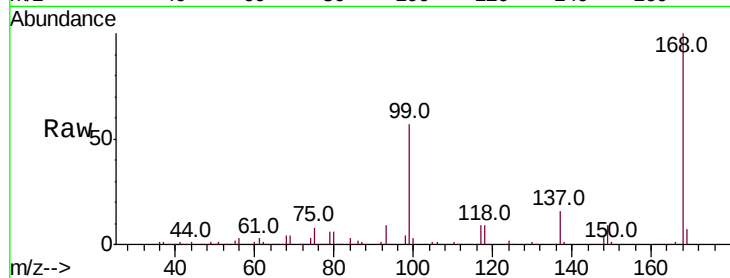
ClientSampled :

Tot Ion:168 Resp: 320240

Ion Ratio Lower Upper

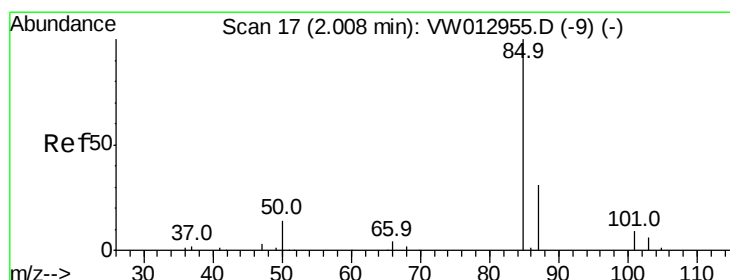
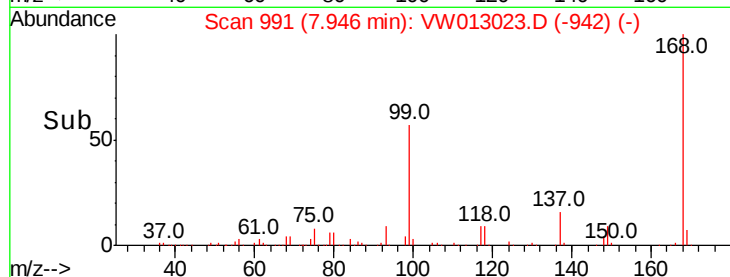
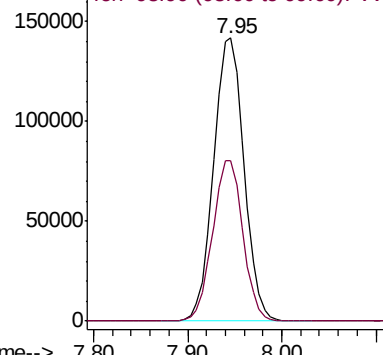
168 100

99 56.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013023.D

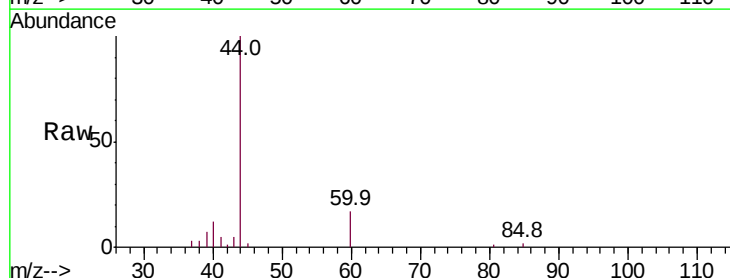
Acq: 15 Sep 2019 05:44

Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

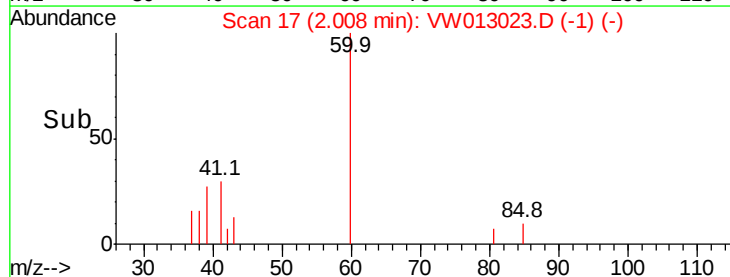
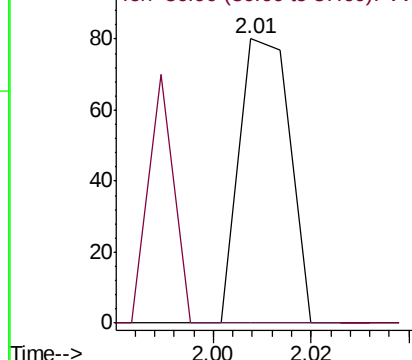
85 100

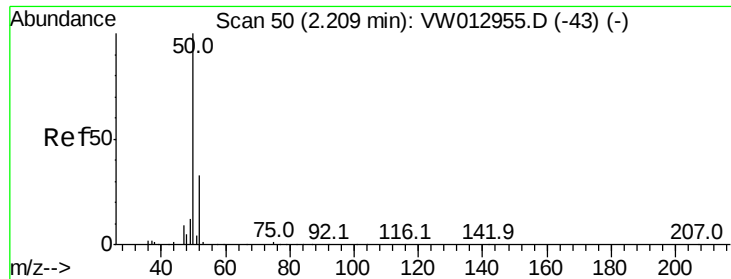
87 0.0 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

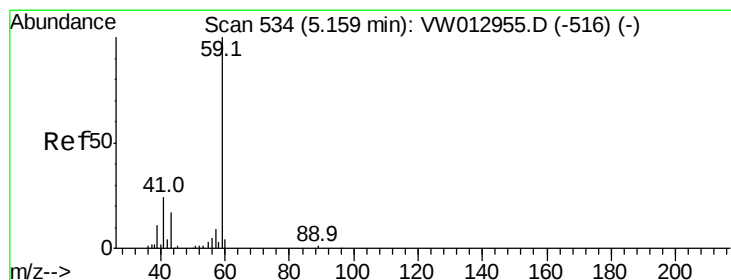
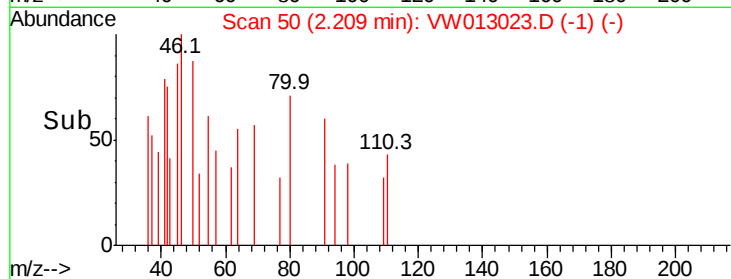
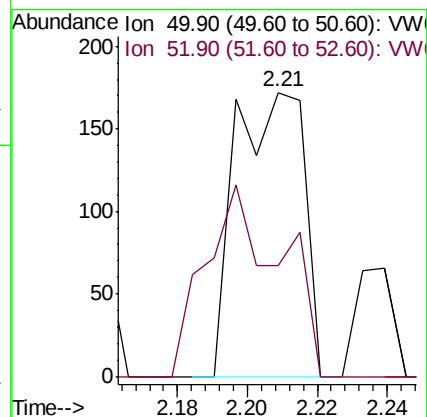
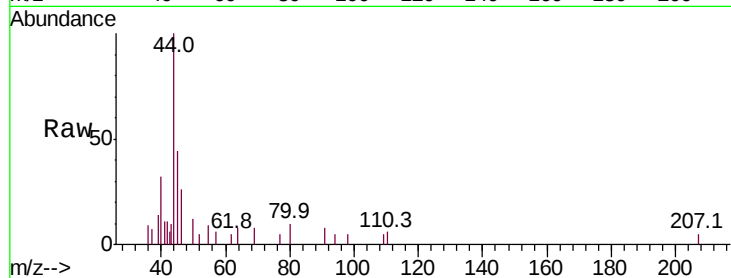
ClientSampleId :

Tot Ion: 50 Resp: 235

Ion Ratio Lower Upper

50 100

52 39.0 26.6 39.8



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW013023.D

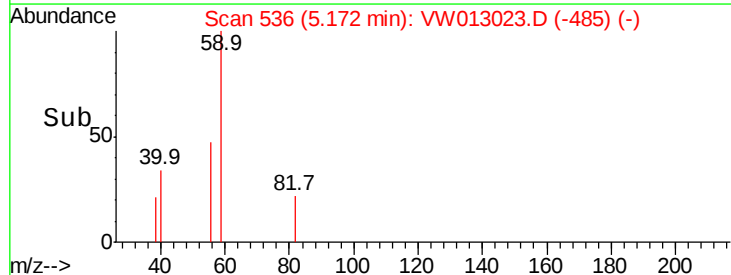
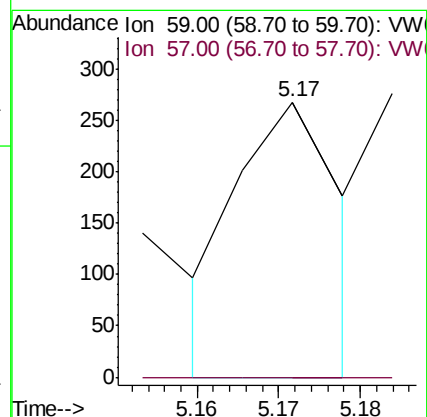
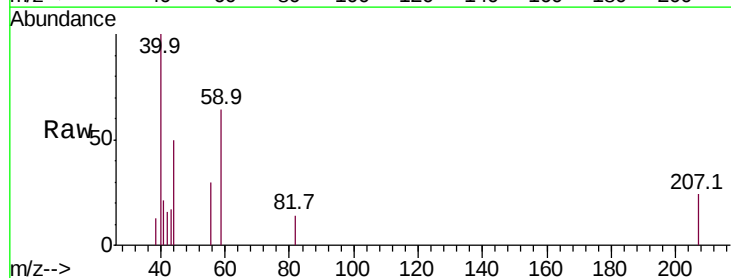
Acq: 15 Sep 2019 05:44

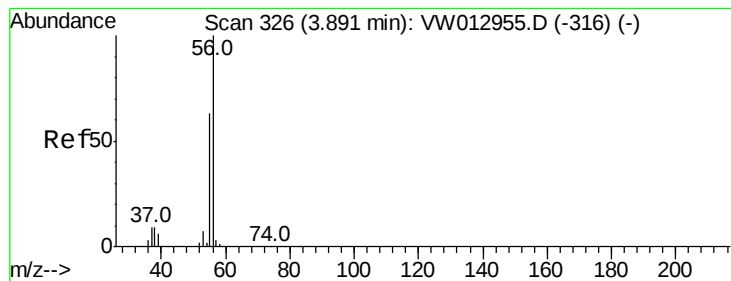
Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: Below Cal

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

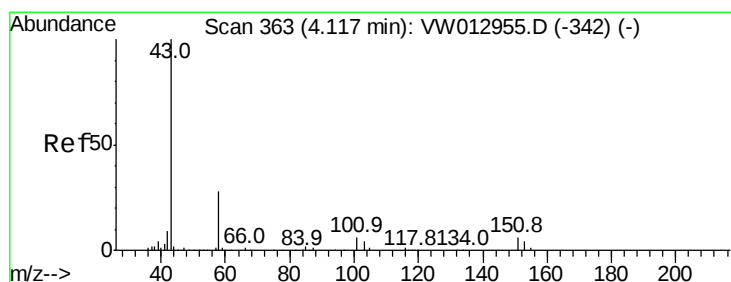
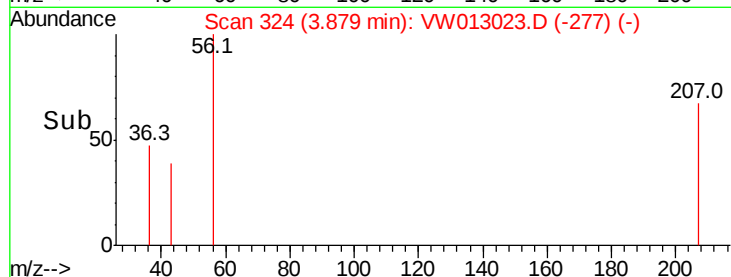
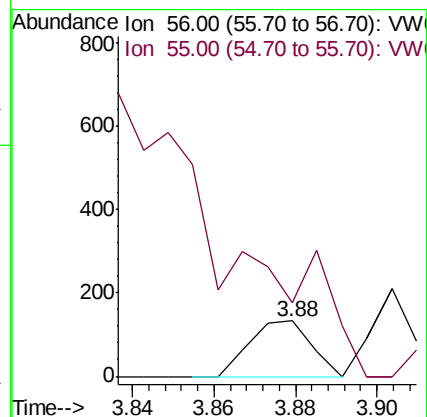
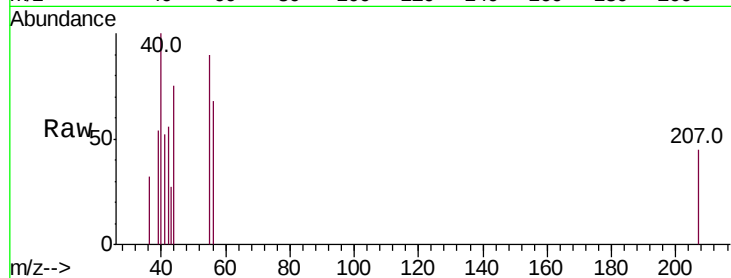
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 139

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 149.027 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013023.D

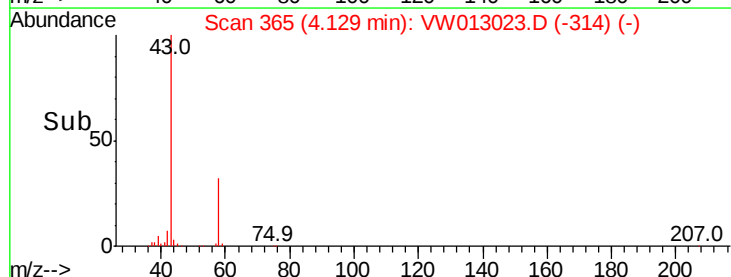
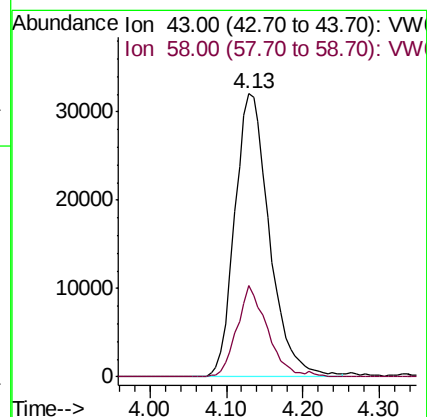
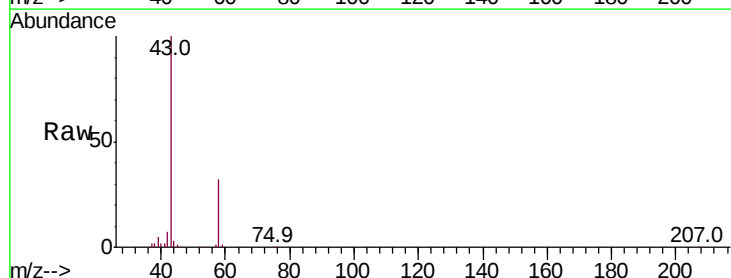
Acq: 15 Sep 2019 05:44

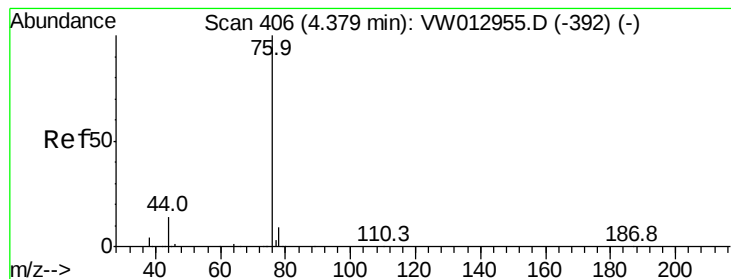
Tgt Ion: 43 Resp: 100709

Ion Ratio Lower Upper

43 100

58 32.1 22.3 33.5





#17

Carbon Disulfide

Concen: 11.113 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

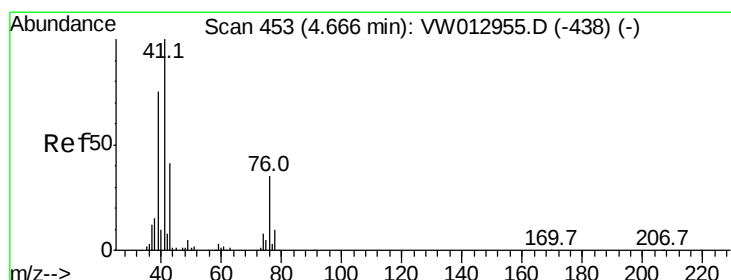
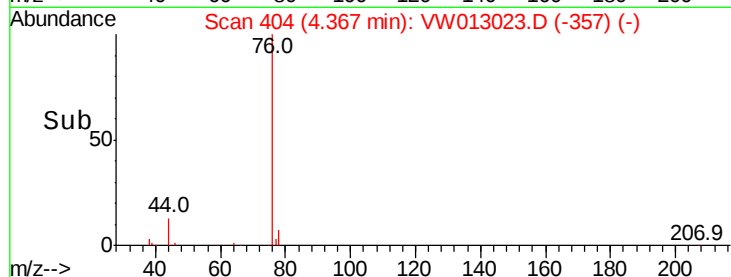
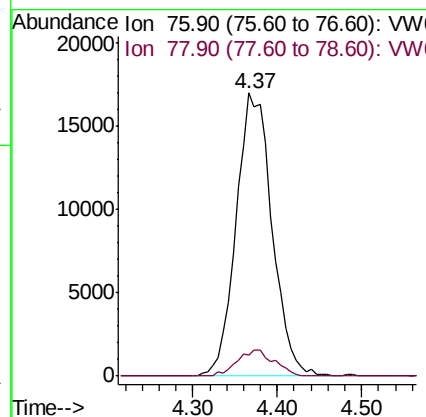
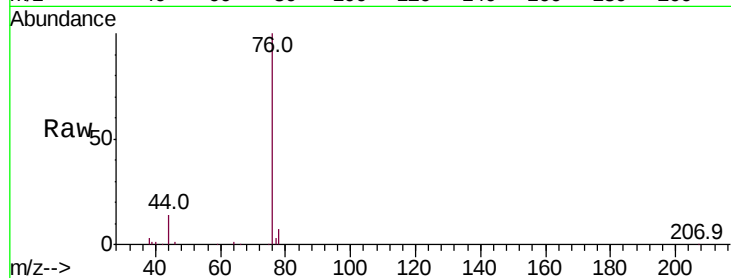
ClientSampleId :

Tot Ion: 76 Resp: 48954

Ion Ratio Lower Upper

76 100

78 7.4 7.0 10.4



#18

Methyl Acetate

Concen: 4.152 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013023.D

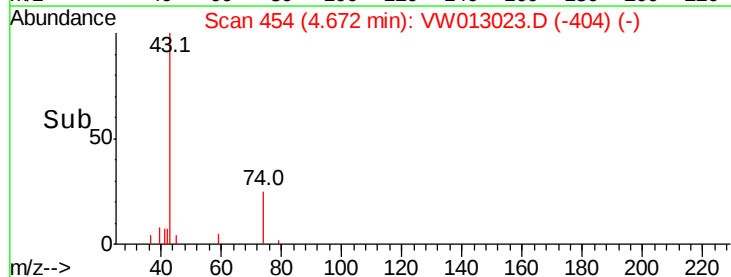
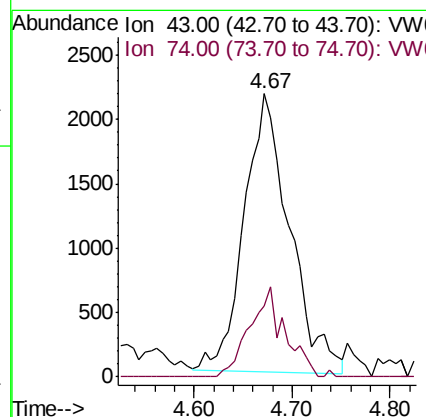
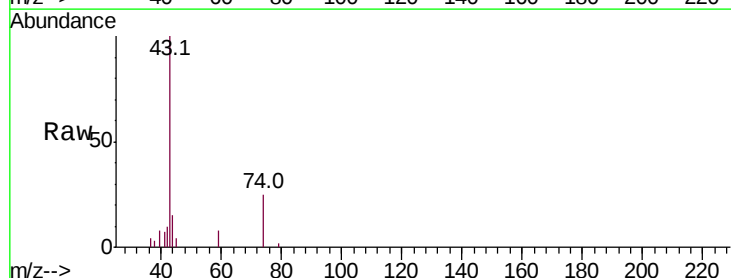
Acq: 15 Sep 2019 05:44

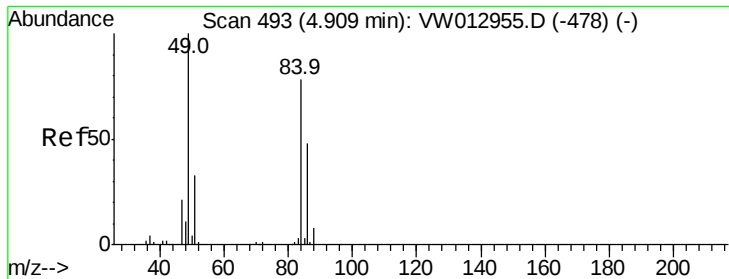
Tgt Ion: 43 Resp: 6996

Ion Ratio Lower Upper

43 100

74 24.9 17.8 26.8



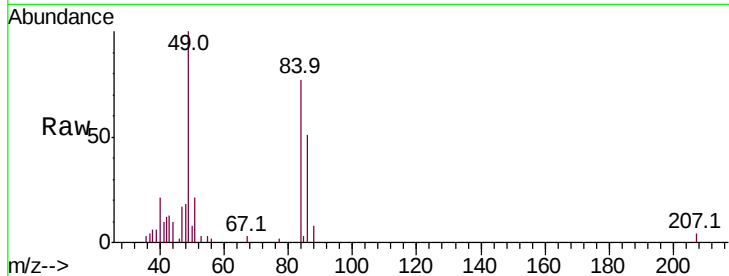


#20

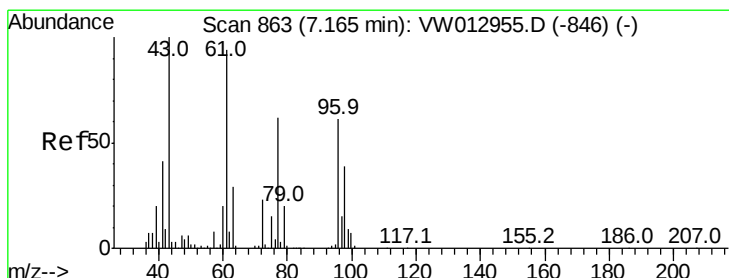
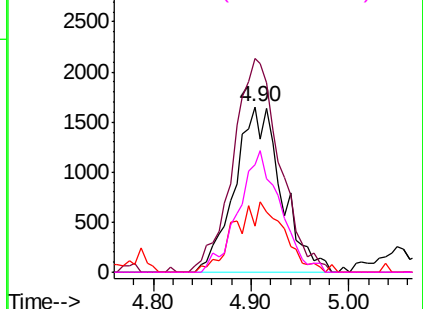
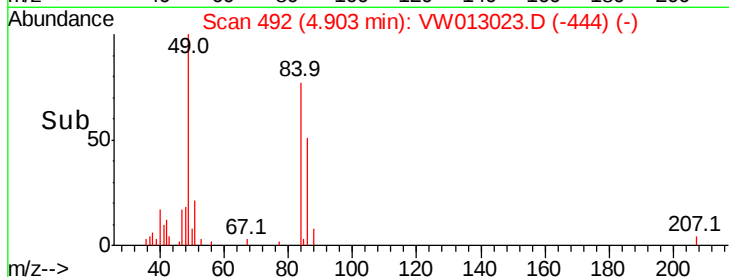
Methylene Chloride
 Concen: Below Cal
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 84 Resp: 5526
 Ion Ratio Lower Upper
 84 100
 49 129.0 102.0 153.0
 51 27.5 34.0 51.0#
 86 65.2 48.5 72.7



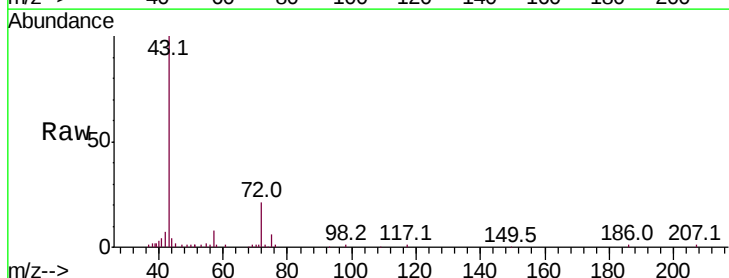
Abundance Ion 83.90 (83.60 to 84.60): VW
 Ion 48.90 (48.60 to 49.60): VW
 Ion 50.90 (50.60 to 51.60): VW
 Ion 85.90 (85.60 to 86.60): VW



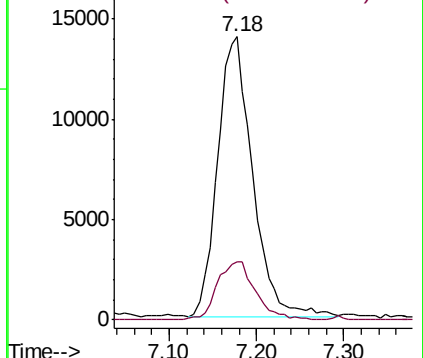
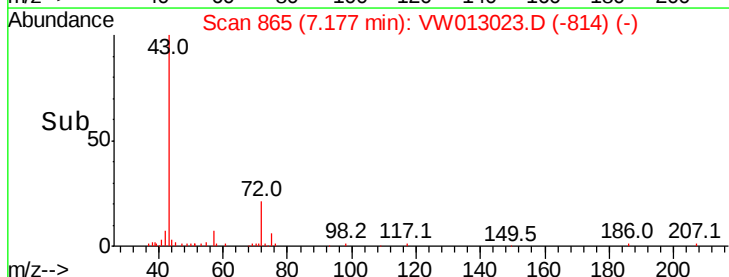
#25

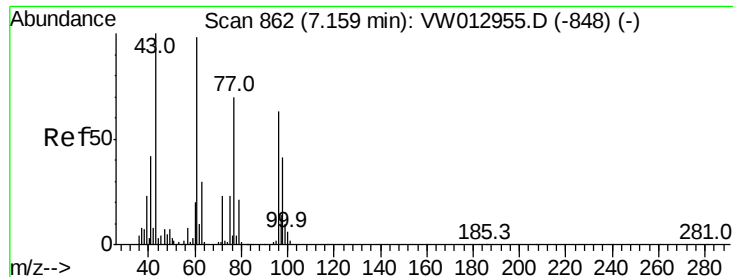
2-Butanone
 Concen: 41.164 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

Tgt Ion: 43 Resp: 38713
 Ion Ratio Lower Upper
 43 100
 72 20.4 18.2 27.4



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: 7.12 min Scan# 856

Delta R.T. -0.04 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

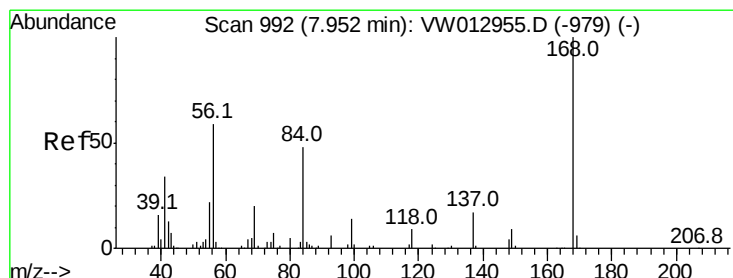
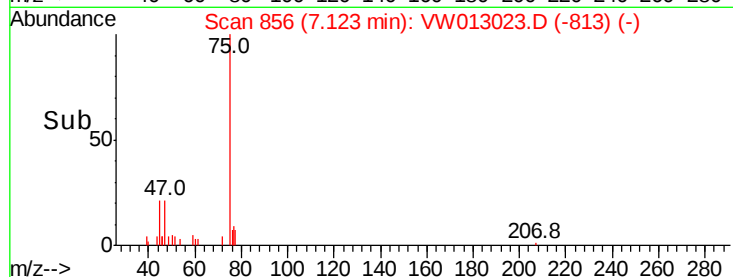
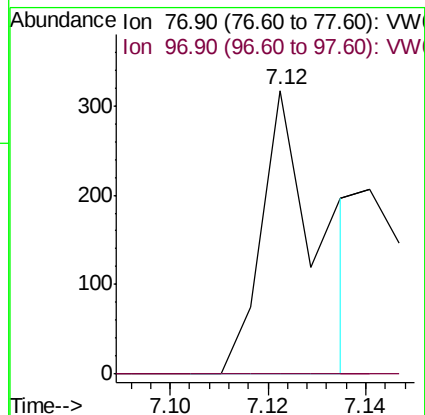
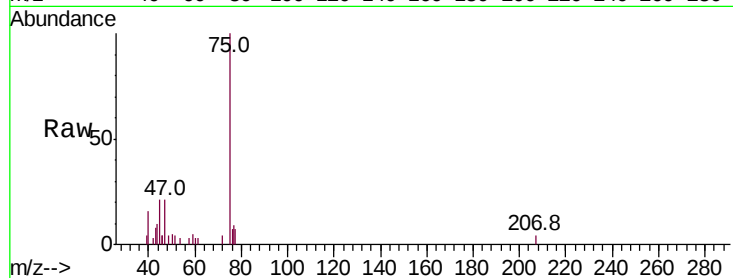
ClientSampleId :

Tot Ion: 77 Resp: 259

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#31

Cyclohexane

Concen: Below Cal

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

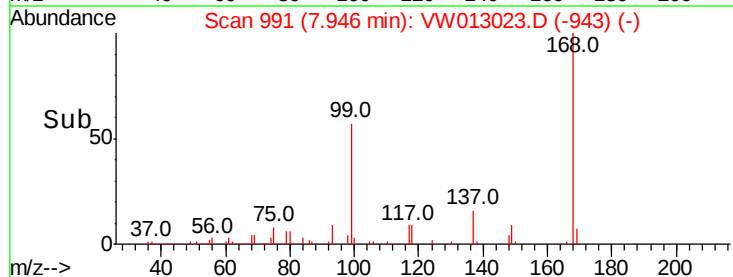
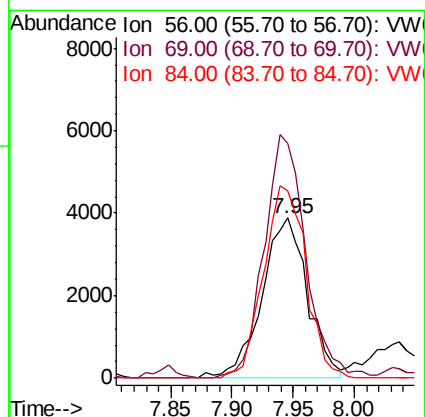
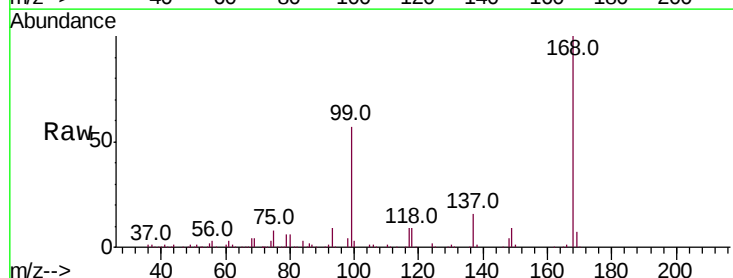
Tgt Ion: 56 Resp: 10069

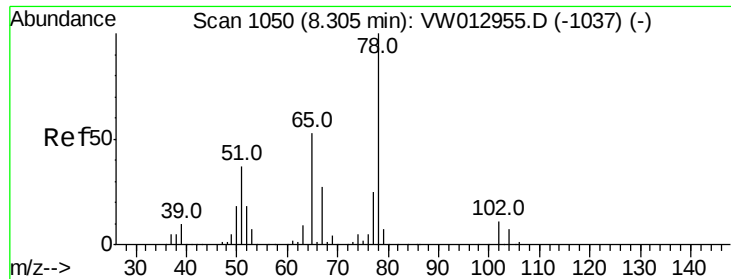
Ion Ratio Lower Upper

56 100

69 145.4 27.0 40.6#

84 117.2 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 58.023 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

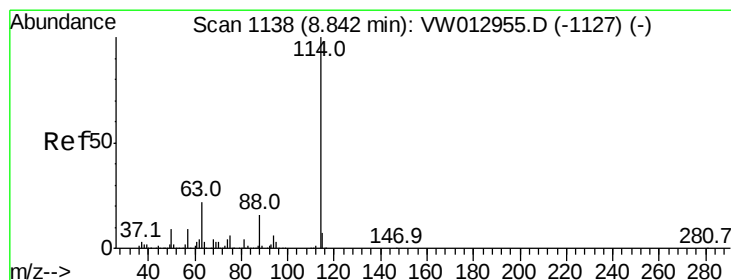
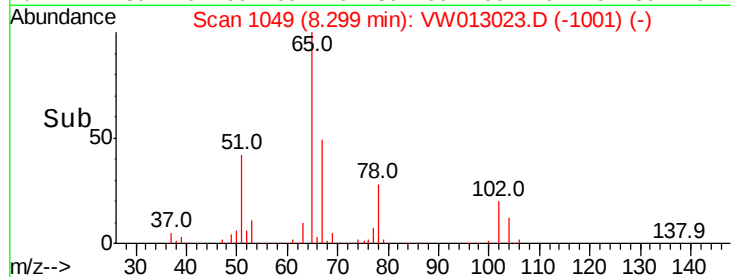
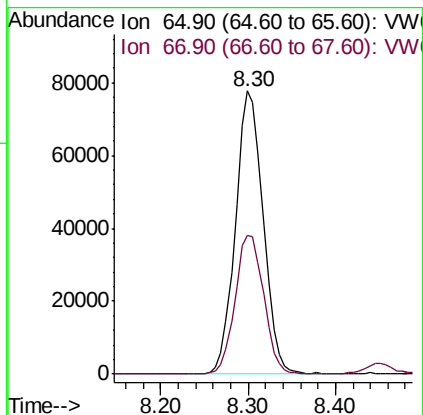
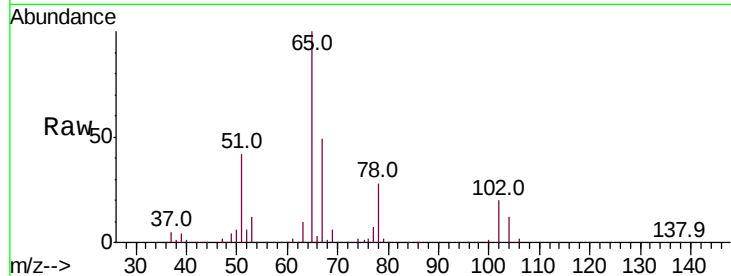
ClientSampleId :

Tot Ion: 65 Resp: 171612

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

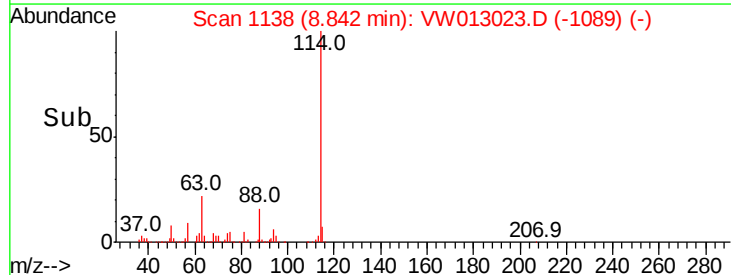
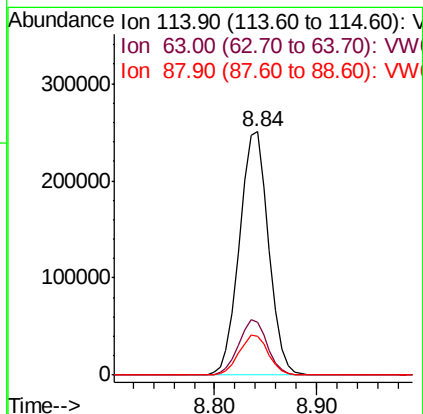
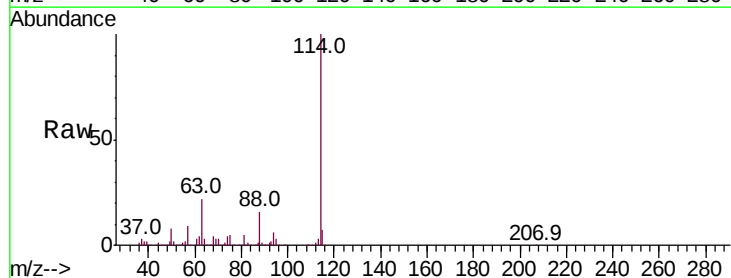
Tgt Ion: 114 Resp: 495799

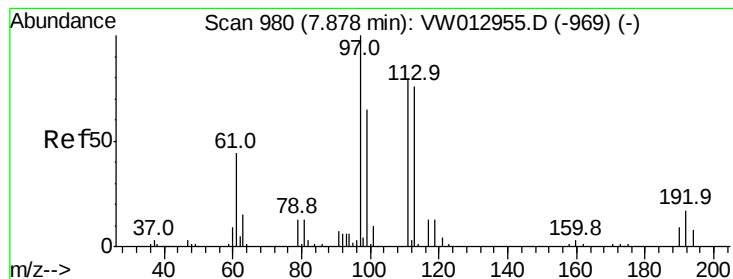
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.035 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

ClientSampleId :

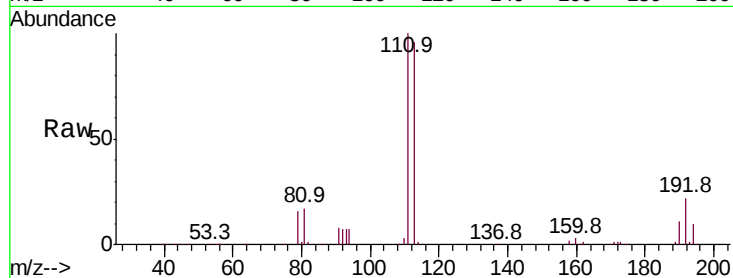
Tot Ion:113 Resp: 142678

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

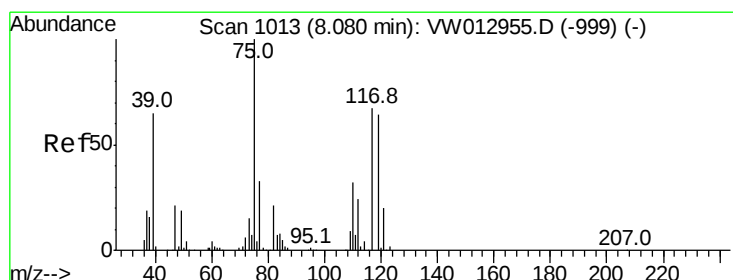
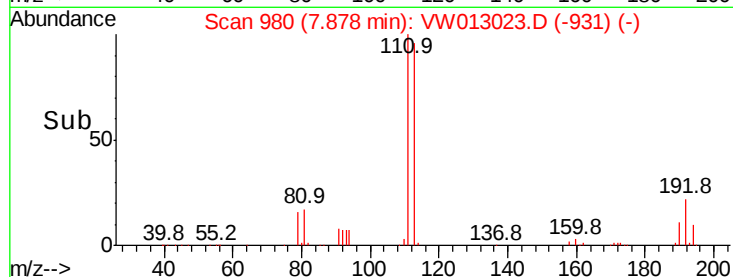
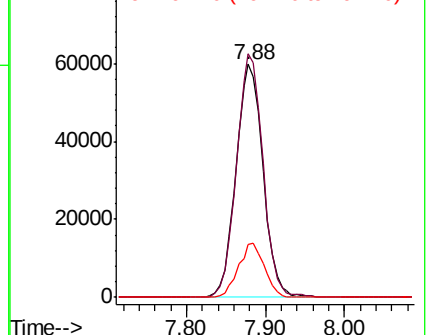
192 22.3 17.8 26.8



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



#36

1,1-Dichloropropene

Concen: 6.118 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

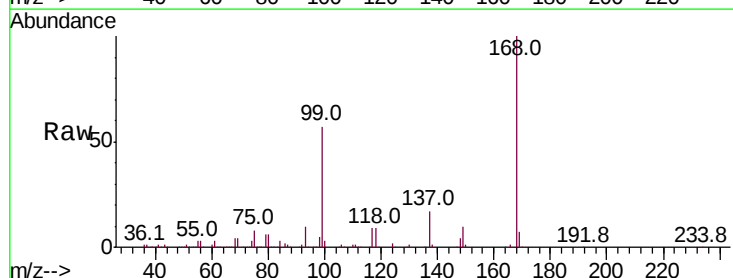
Tgt Ion: 75 Resp: 24238

Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

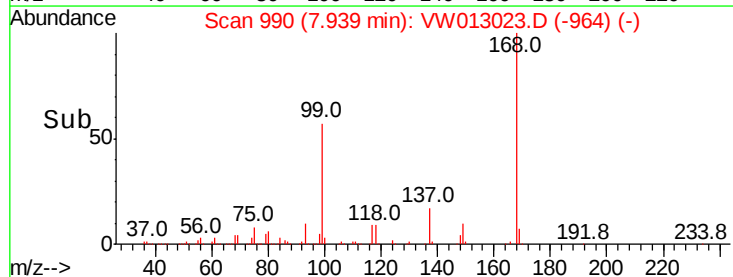
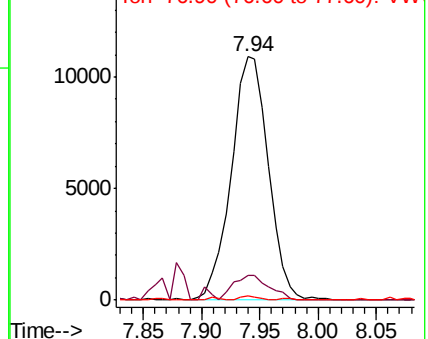
77 0.0 25.1 37.7#

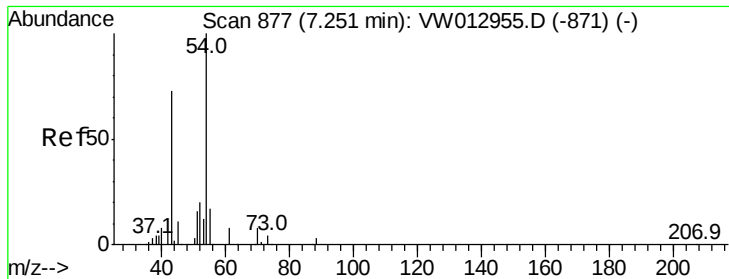


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.409 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

ClientSampleId :

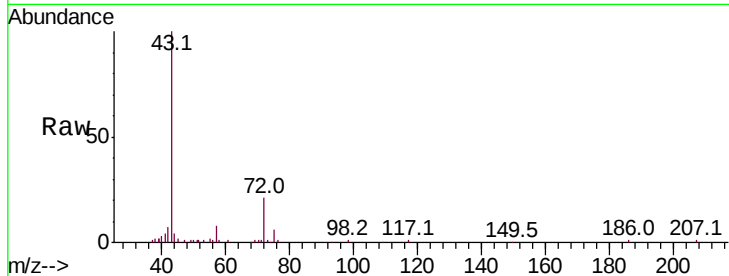
Tot Ion: 43 Resp: 38713

Ion Ratio Lower Upper

43 100

61 0.6 9.6 14.4#

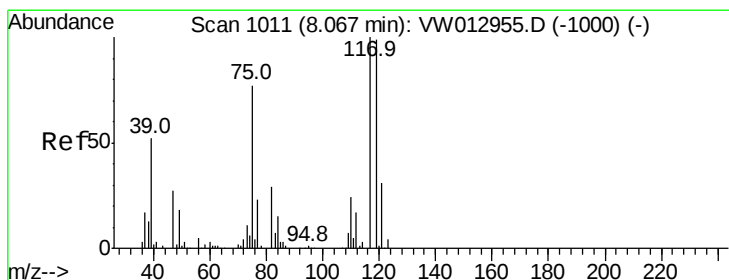
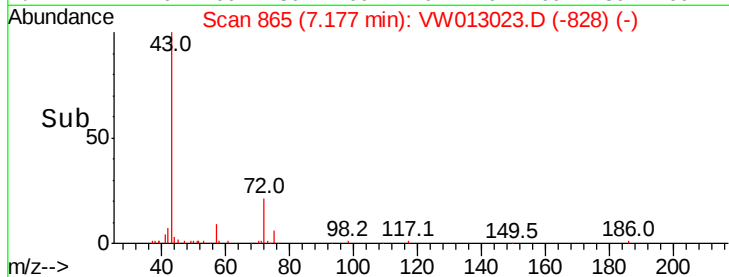
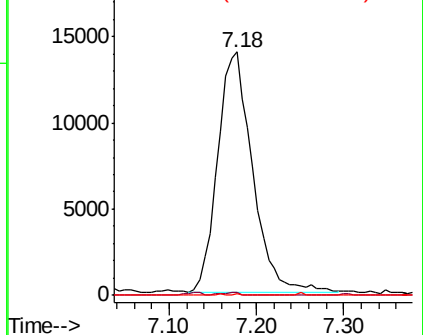
70 0.3 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 7.513 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

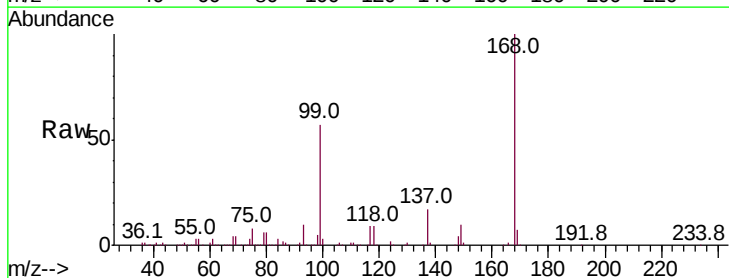
Tgt Ion: 117 Resp: 30502

Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.0#

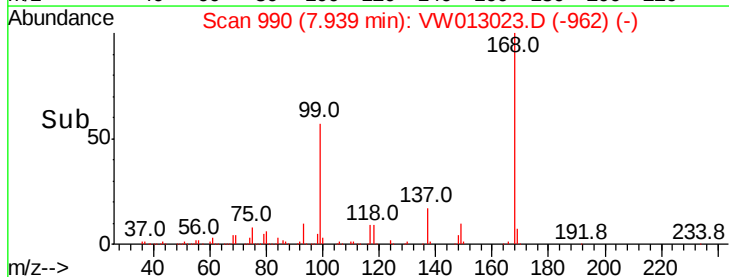
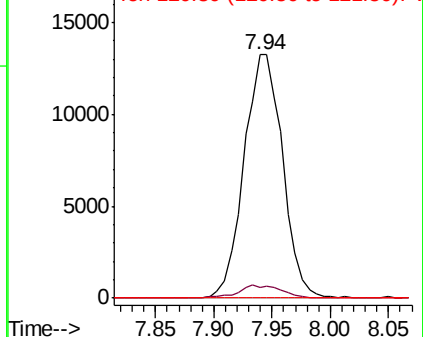
121 0.0 24.6 36.8#

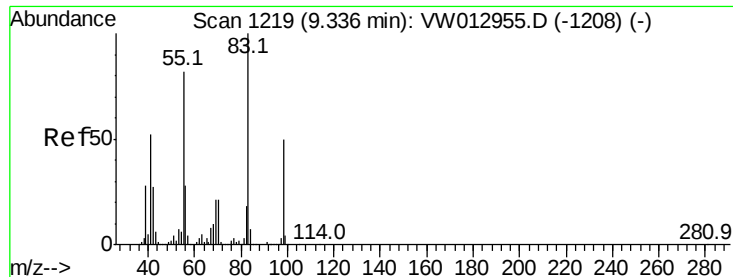


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

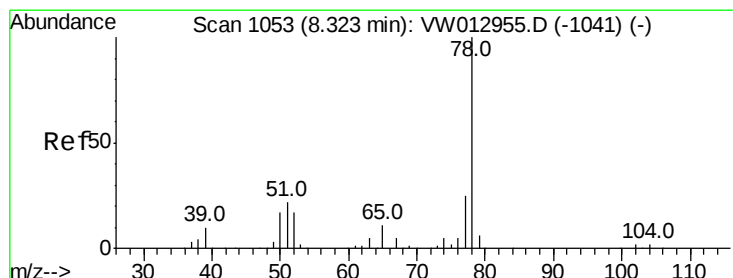
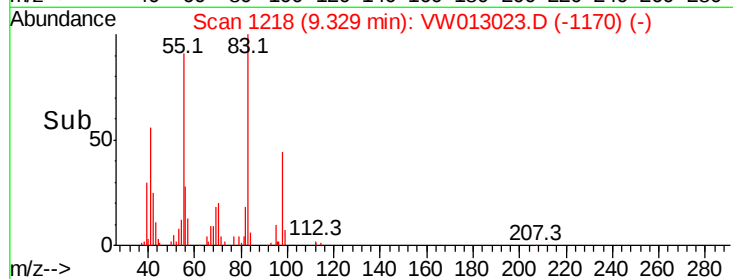
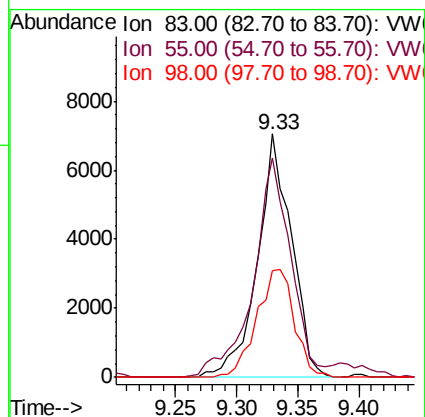
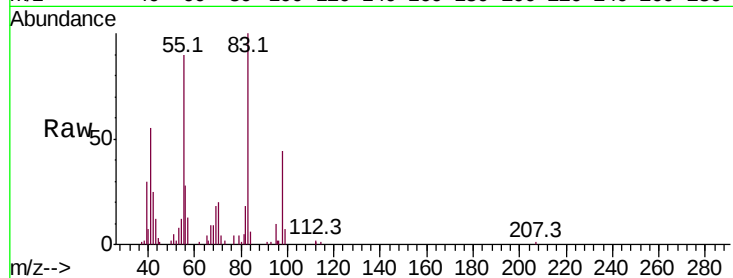




#39
Methvlcvclohexane
Concen: 3.160 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

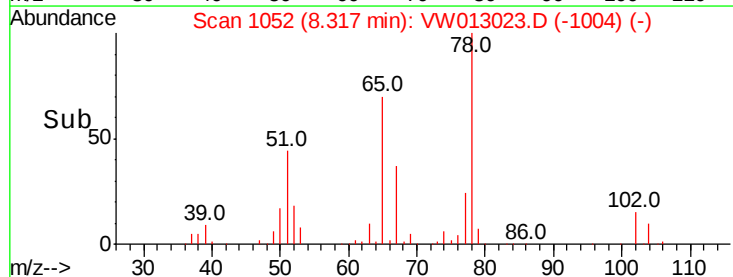
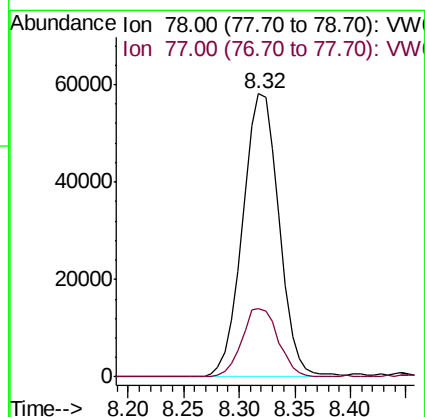
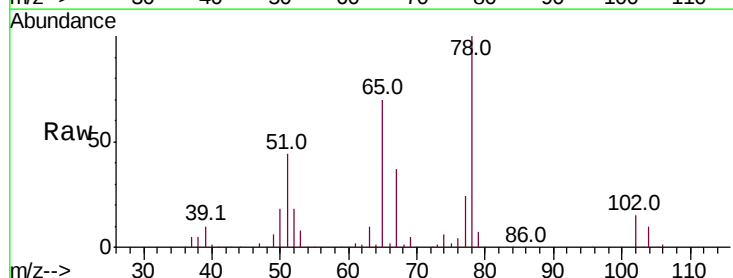
Instrument :
MSVOA_W
ClientSampled :

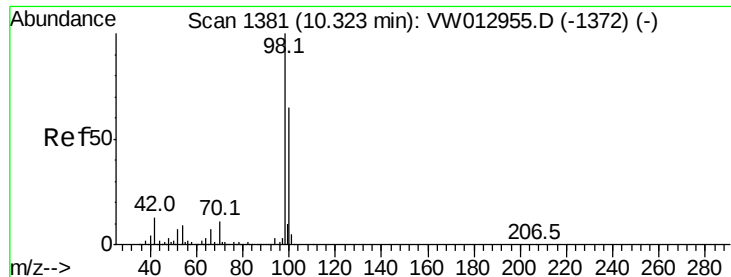
Tot Ion: 83 Resp: 13717
Ion Ratio Lower Upper
83 100
55 89.1 65.9 98.9
98 43.9 39.6 59.4



#40
Benzene
Concen: 11.975 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion: 78 Resp: 132448
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4

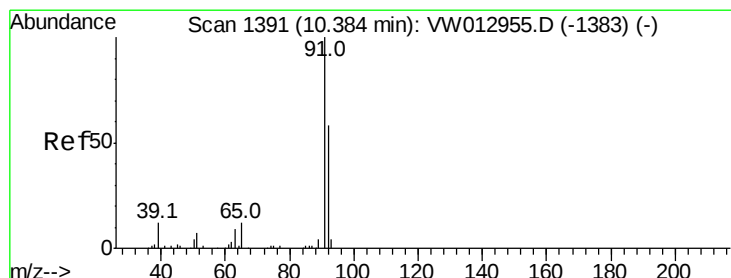
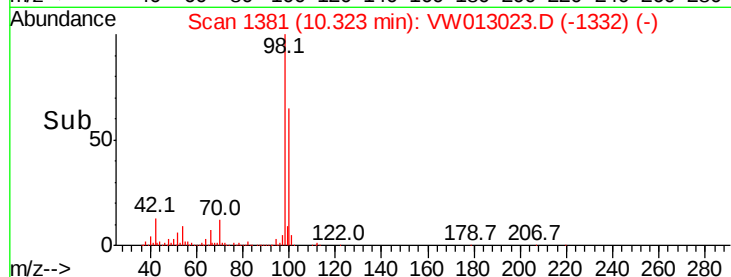
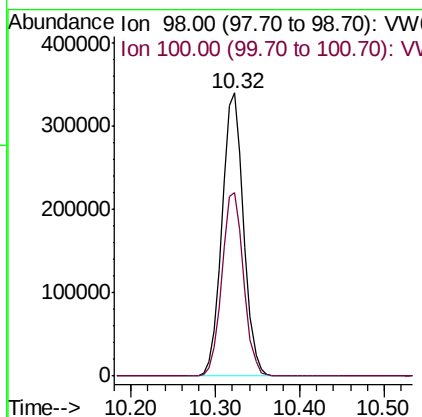
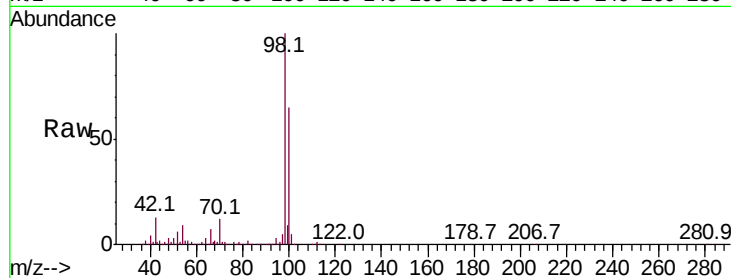




#50
Toluene-d8
Concen: 56.871 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

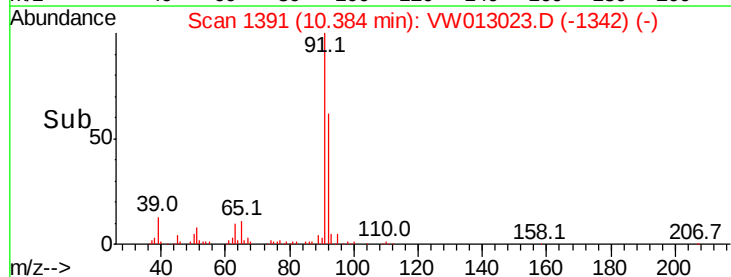
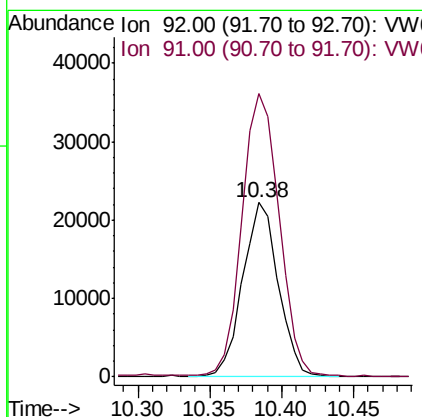
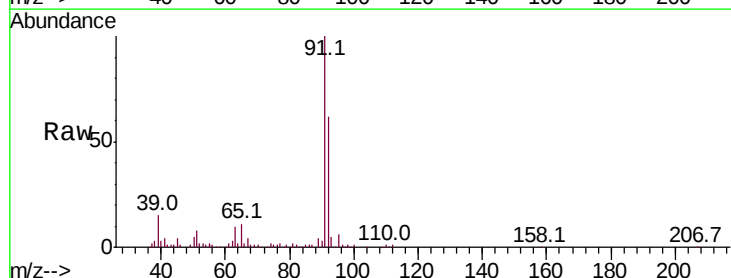
Instrument :
MSVOA_W
ClientSampleId :

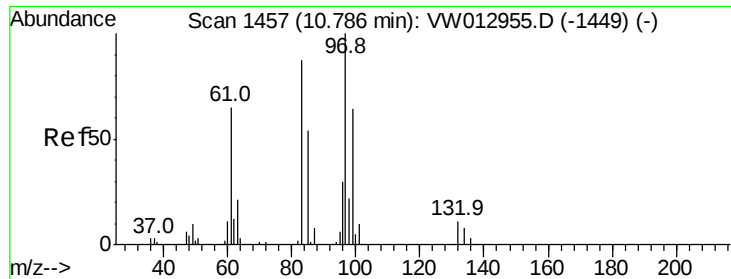
Tot Ion: 98 Resp: 598701
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#52
Toluene
Concen: 5.422 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion: 92 Resp: 38103
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3





#55

1,1,2-Trichloroethane

Concen: 2.092 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 4486

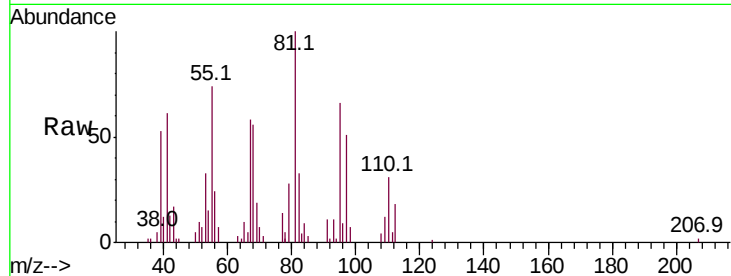
Ion Ratio Lower Upper

97 100

83 6.0 69.4 104.0#

85 6.1 43.3 64.9#

99 0.0 50.9 76.3#

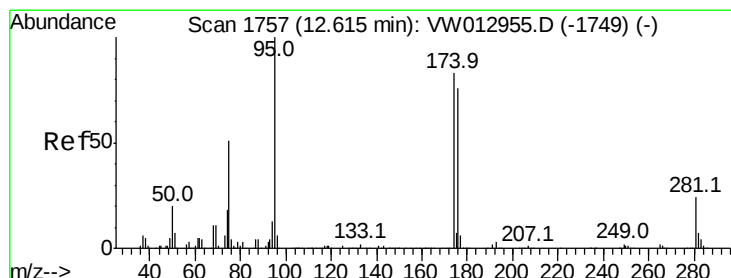
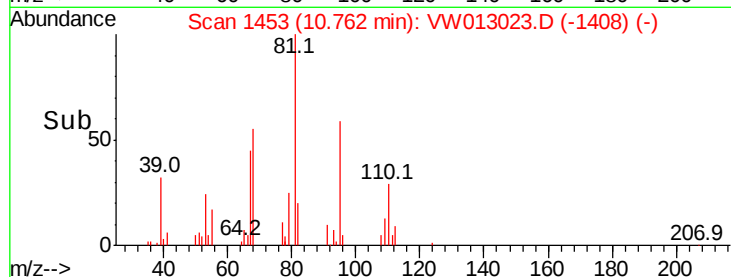
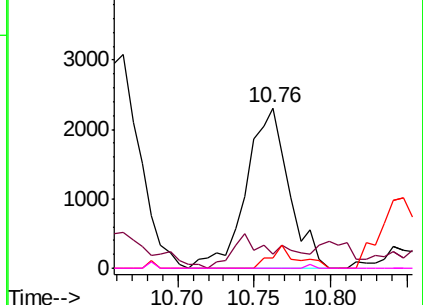


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#62

4-Bromofluorobenzene

Concen: 47.387 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

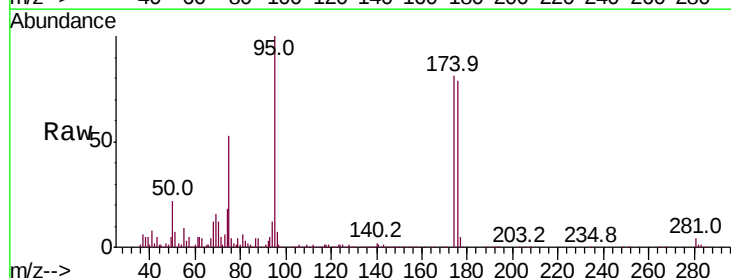
Tgt Ion: 95 Resp: 179378

Ion Ratio Lower Upper

95 100

174 82.4 0.0 170.4

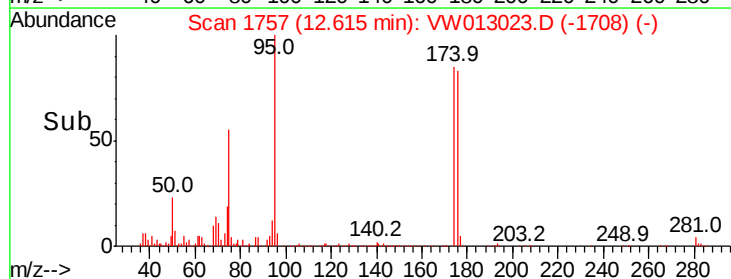
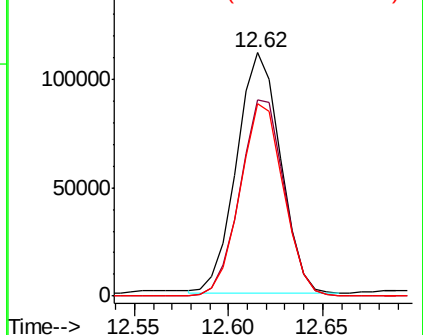
176 79.8 0.0 164.6

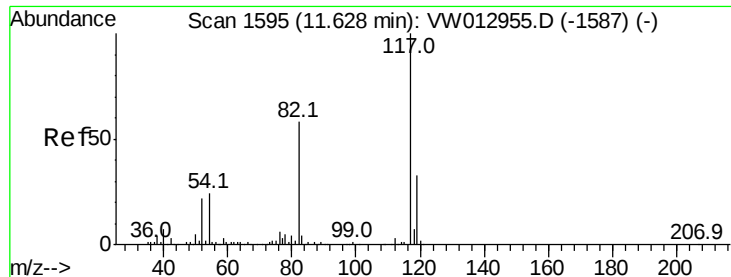


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

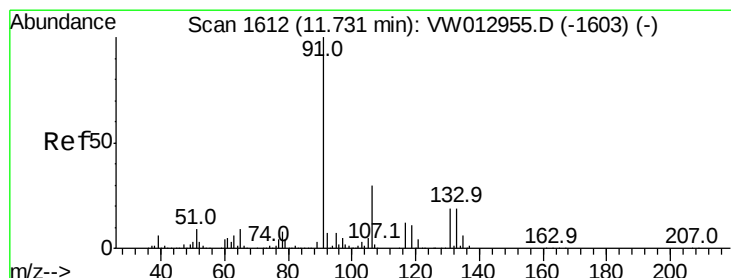
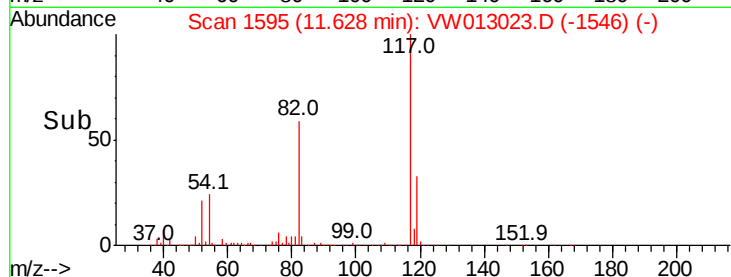
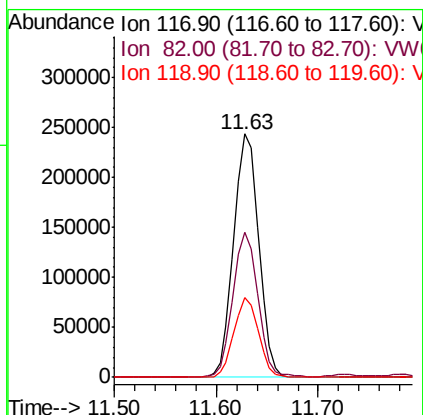
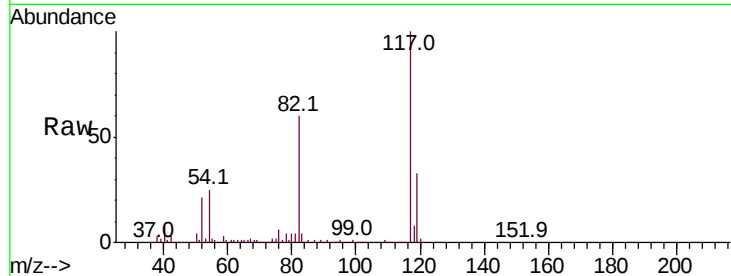




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

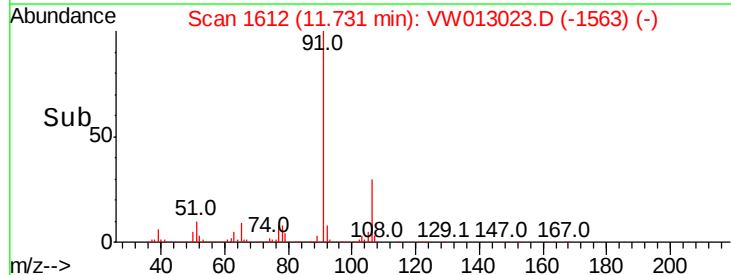
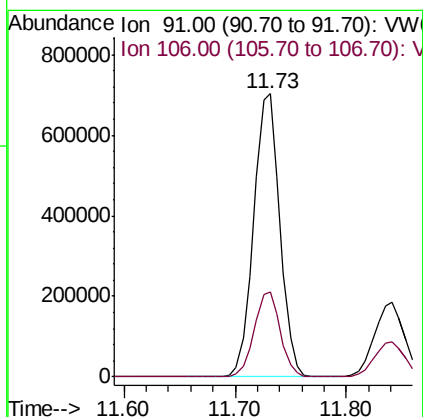
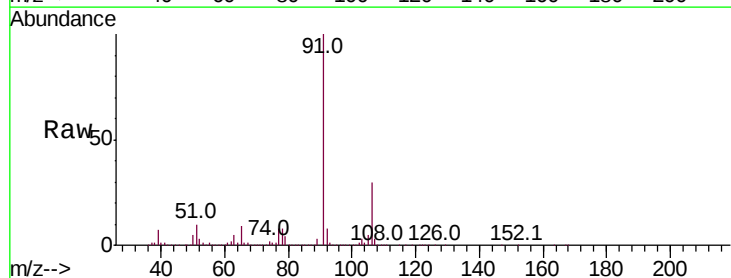
Instrument :
MSVOA_W
ClientSampleId :

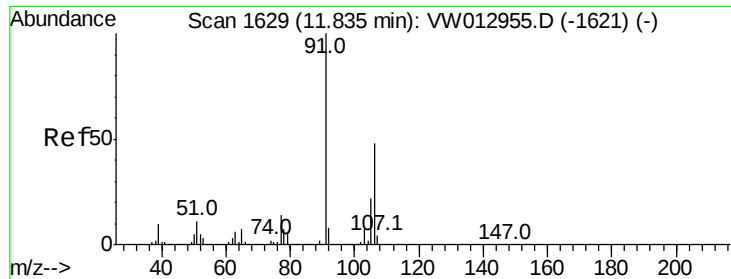
Tot Ion:117 Resp: 414052
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 32.5 26.2 39.4



#67
Ethyl Benzene
Concen: 84.332 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion: 91 Resp: 1148699
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

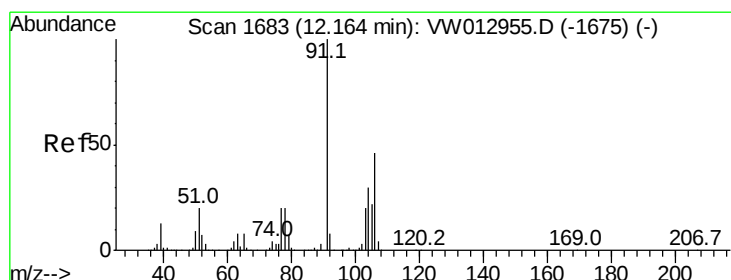
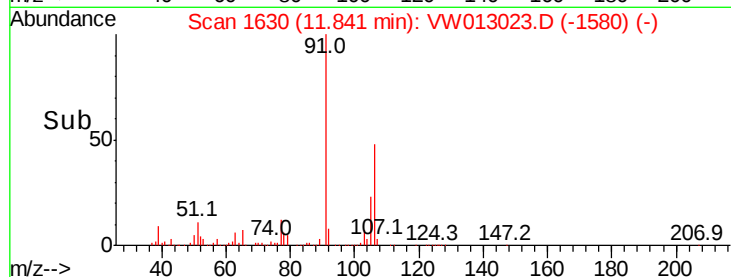
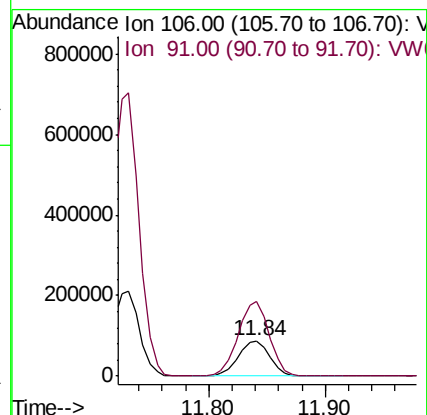
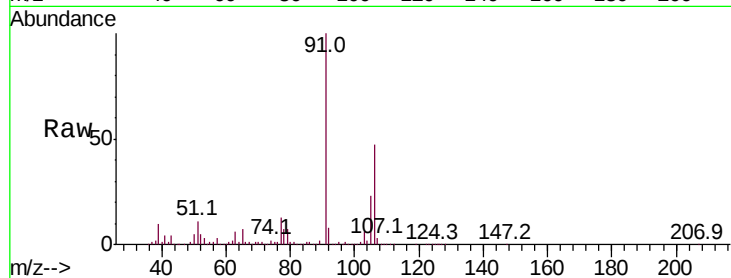




#68
m/p-Xylenes
Concen: 32.888 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

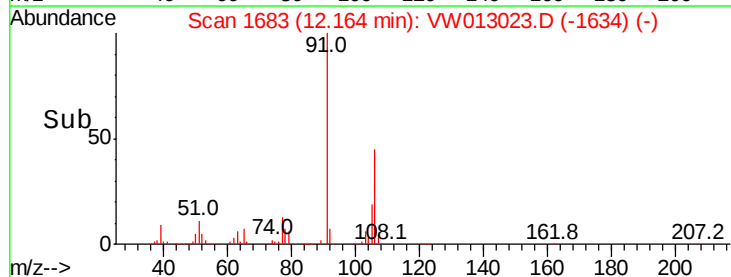
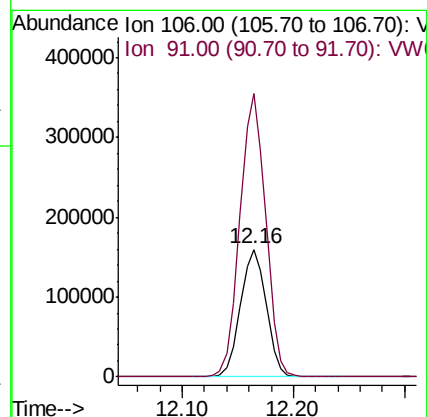
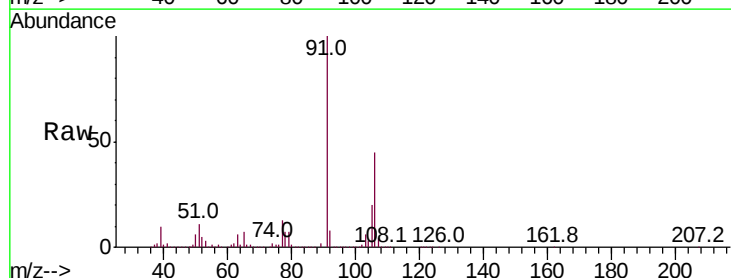
Instrument :
MSVOA_W
ClientSampleId :

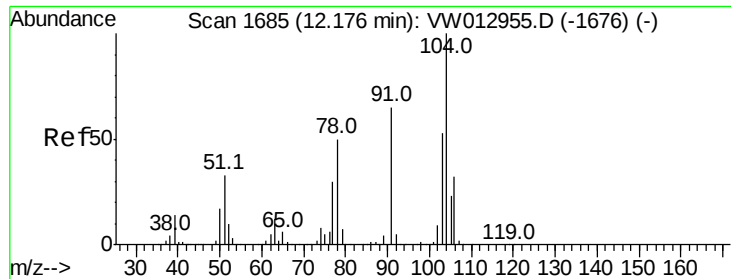
Tot Ion:106 Resp: 163649
Ion Ratio Lower Upper
106 100
91 209.4 165.8 248.8



#69
o-Xylene
Concen: 54.928 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion:106 Resp: 256245
Ion Ratio Lower Upper
106 100
91 221.2 109.7 329.0

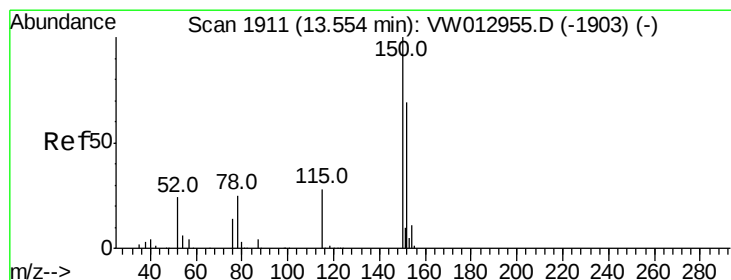
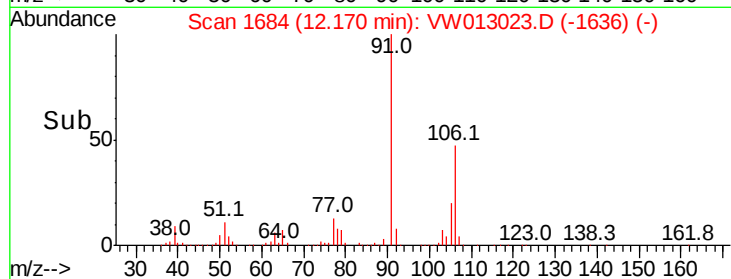
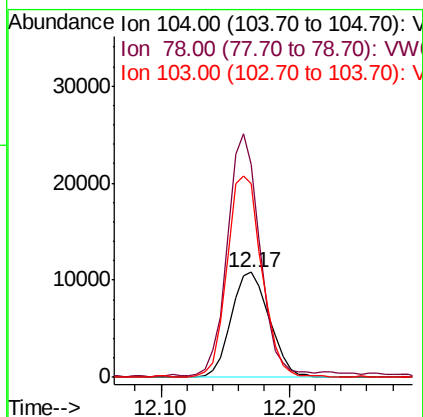
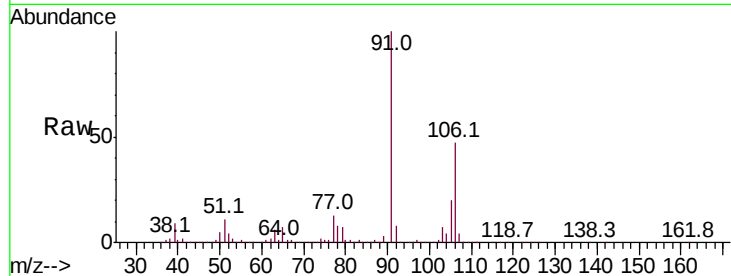




#70
Stvrene
Concen: 2.691 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

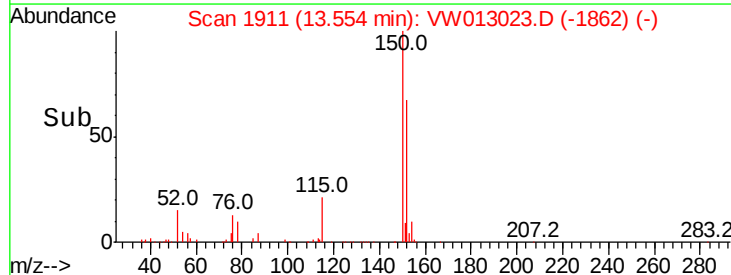
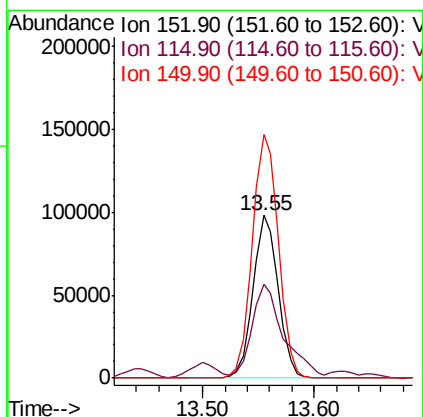
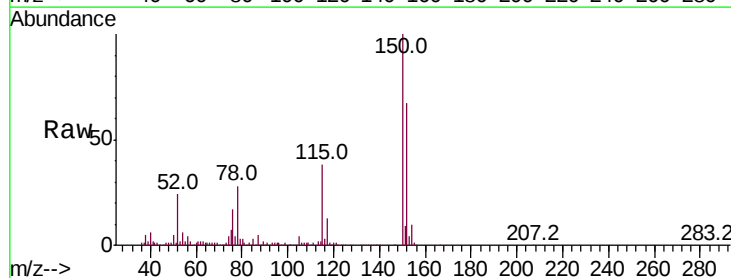
Instrument :
MSVOA_W
ClientSampleId :

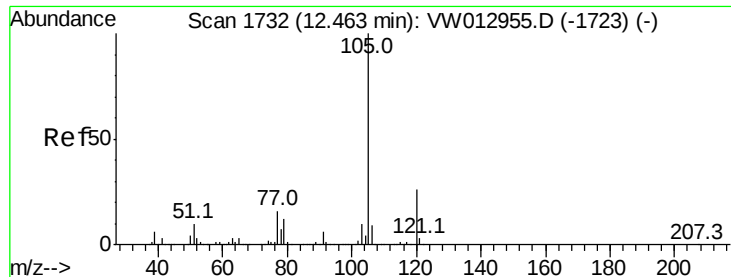
Tot Ion:104 Resp: 22335
Ion Ratio Lower Upper
104 100
78 199.6 42.1 63.1#
103 175.4 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion:152 Resp: 154049
Ion Ratio Lower Upper
152 100
115 68.0 28.8 86.4
150 155.1 0.0 340.2





#73

Isopropylbenzene

Concen: 73.454 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

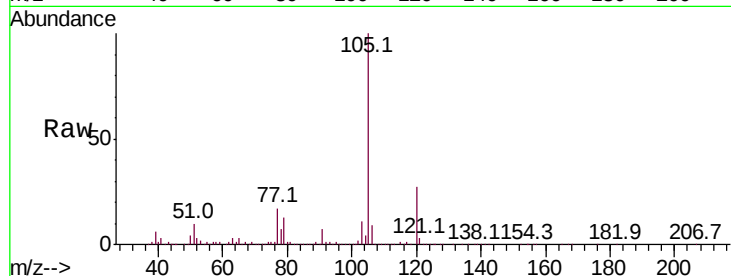
ClientSampled :

Tot Ion:105 Resp: 750026

Ion Ratio Lower Upper

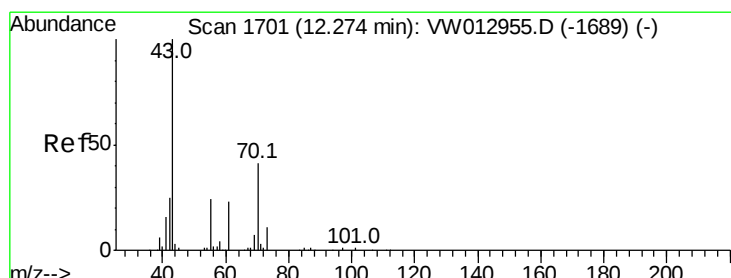
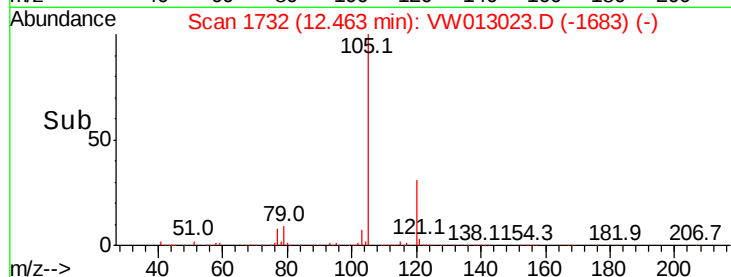
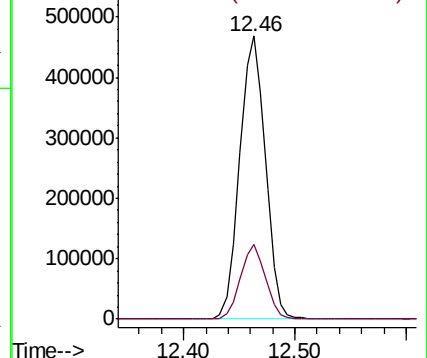
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.792 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Tgt Ion: 43 Resp: 7334

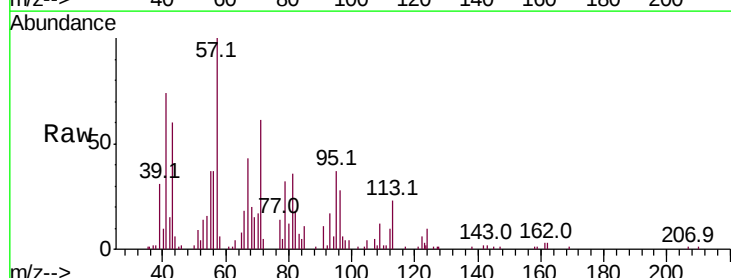
Ion Ratio Lower Upper

43 100

70 28.2 31.7 47.5#

55 51.3 19.4 29.2#

61 0.0 18.7 28.1#

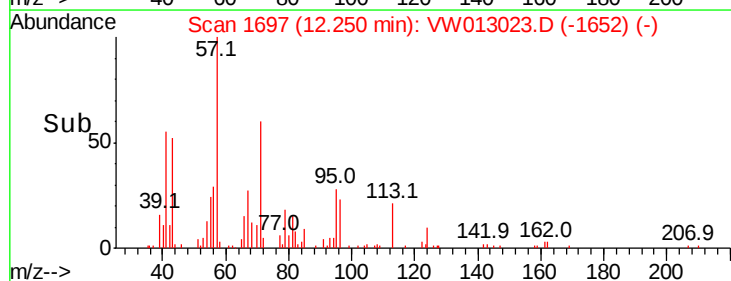
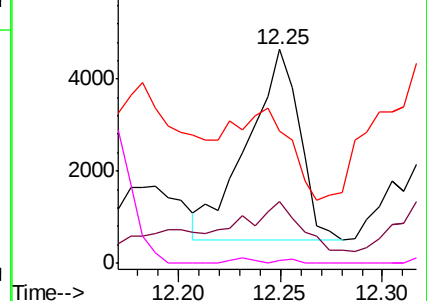


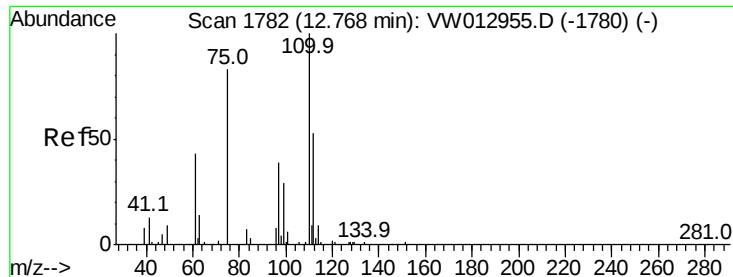
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#76

1,2,3-Trichloropropane

Concen: 3.602 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.13 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

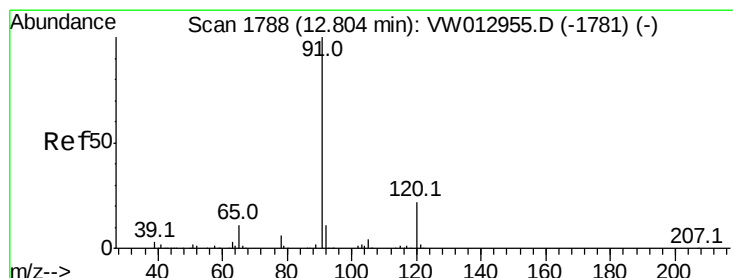
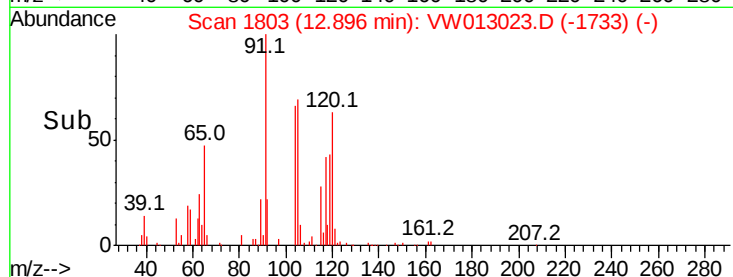
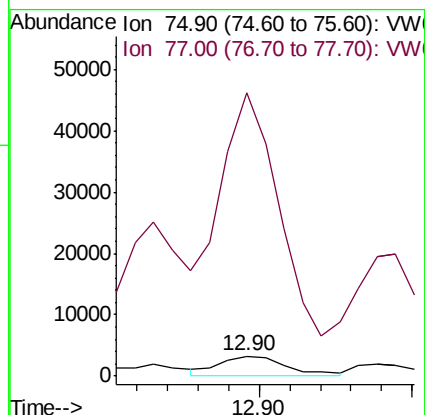
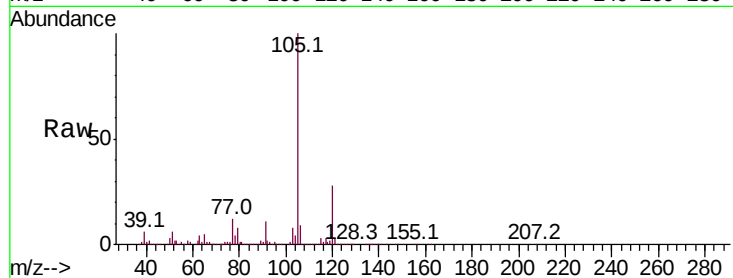
ClientSampled :

Tot Ion: 75 Resp: 4860

Ion Ratio Lower Upper

75 100

77 1347.8 0.0 0.0#



#78

n-propylbenzene

Concen: 13.770 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013023.D

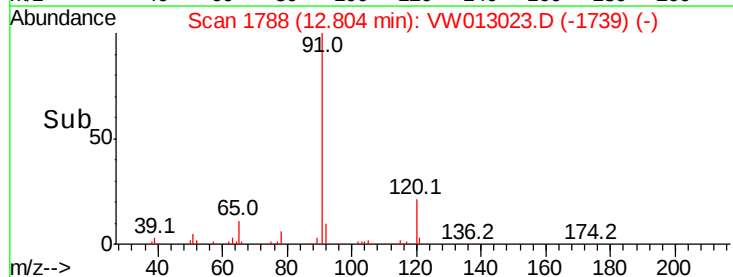
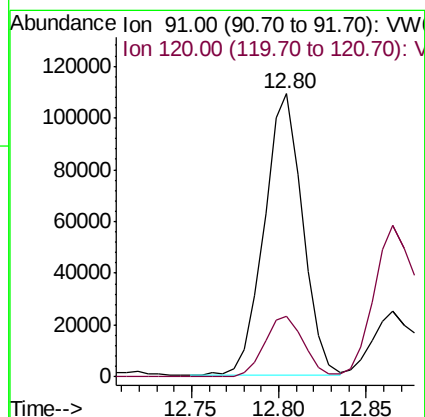
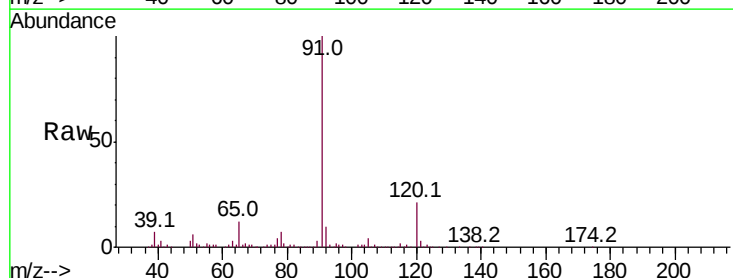
Acq: 15 Sep 2019 05:44

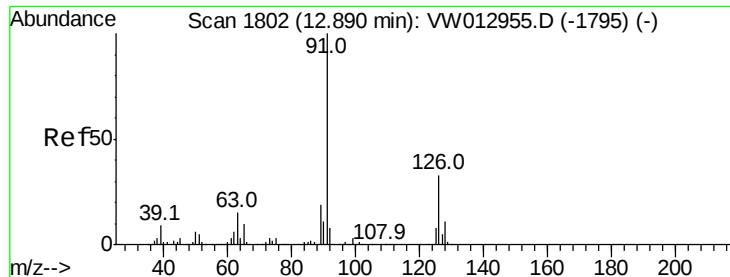
Tgt Ion: 91 Resp: 165391

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5





#79

2-Chlorotoluene

Concen: 9.130 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

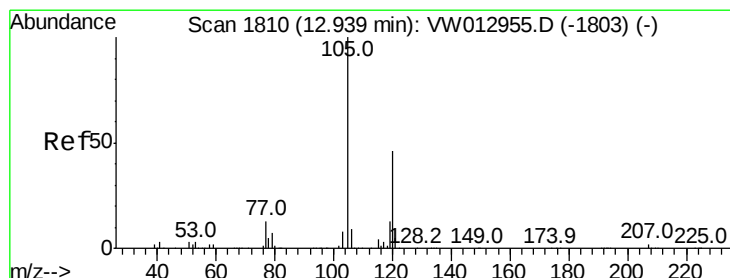
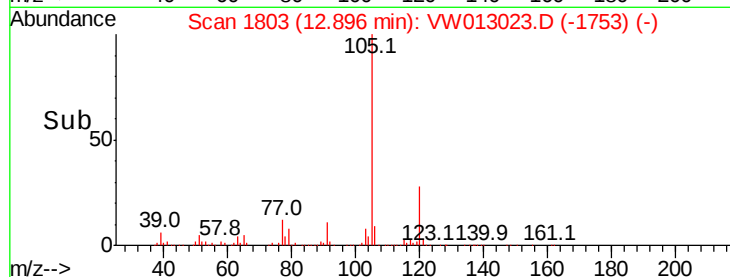
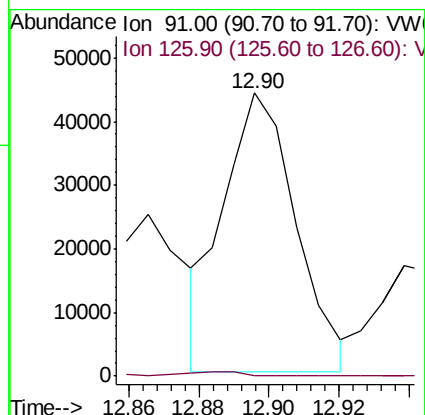
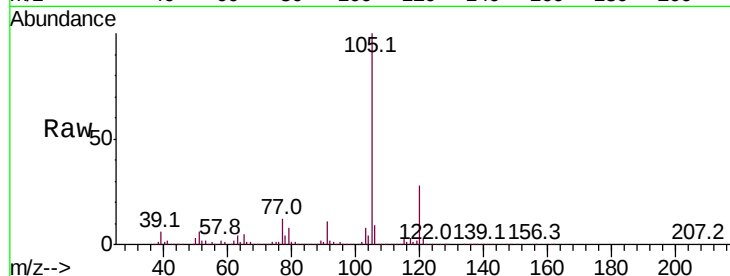
ClientSampleId :

Tot Ion: 91 Resp: 63041

Ion Ratio Lower Upper

91 100

126 1.7 16.5 49.5#



#80

1,3,5-Trimethylbenzene

Concen: 25.535 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW013023.D

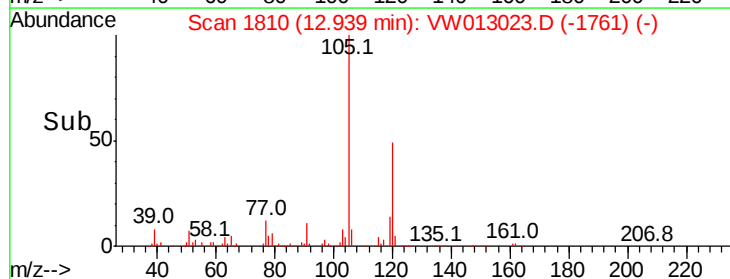
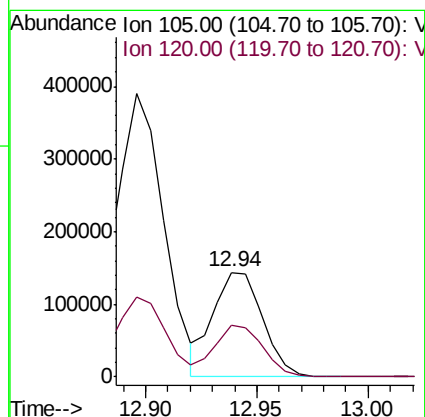
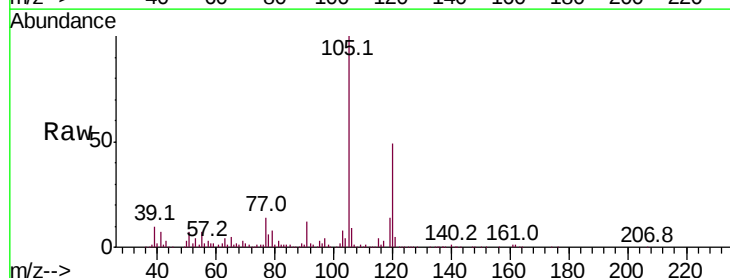
Acq: 15 Sep 2019 05:44

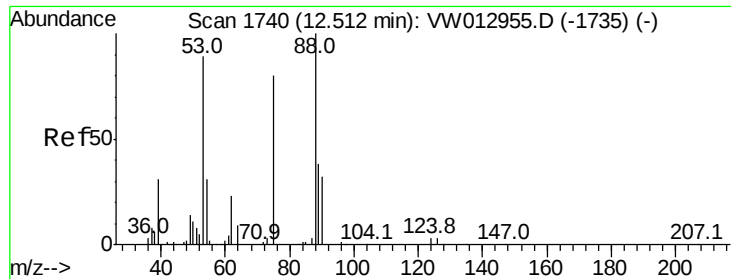
Tgt Ion: 105 Resp: 220582

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.468 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW013023.D

Acq: 15 Sep 2019 05:44

Instrument :

MSVOA_W

ClientSampleId :

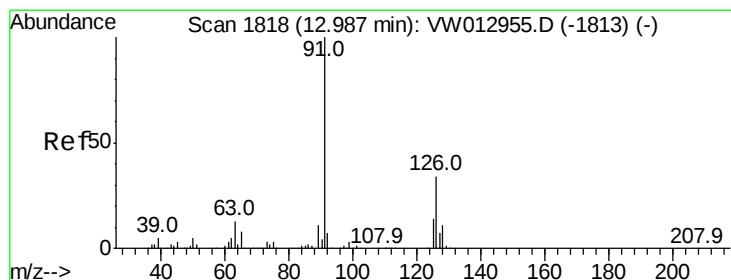
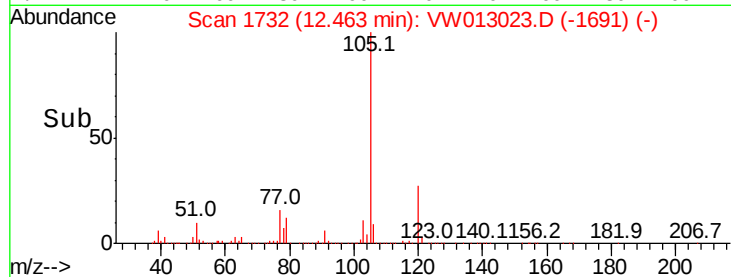
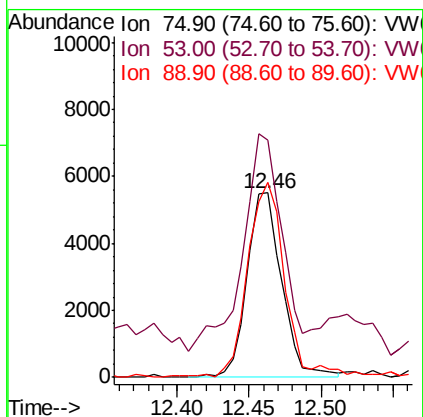
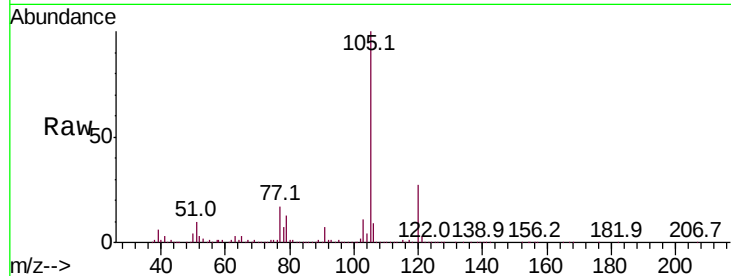
Tot Ion: 75 Resp: 9201

Ion Ratio Lower Upper

75 100

53 135.4 85.6 128.4#

89 104.6 37.2 55.8#



#82

4-Chlorotoluene

Concen: 3.468 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.05 min

Lab File: VW013023.D

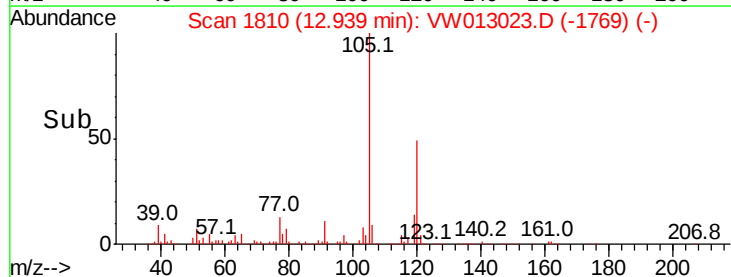
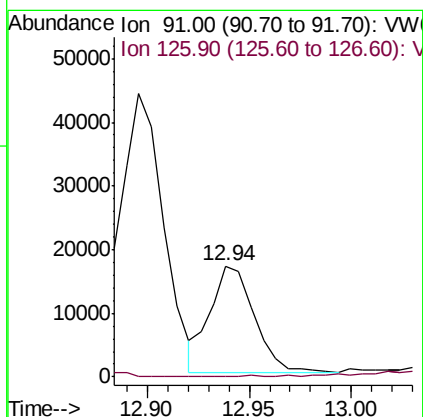
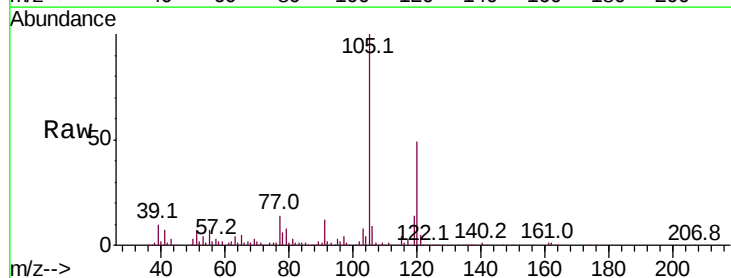
Acq: 15 Sep 2019 05:44

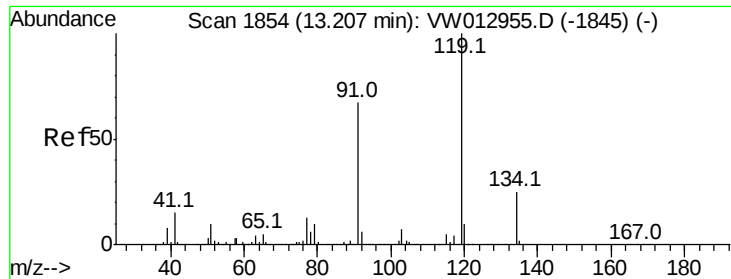
Tgt Ion: 91 Resp: 25264

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#

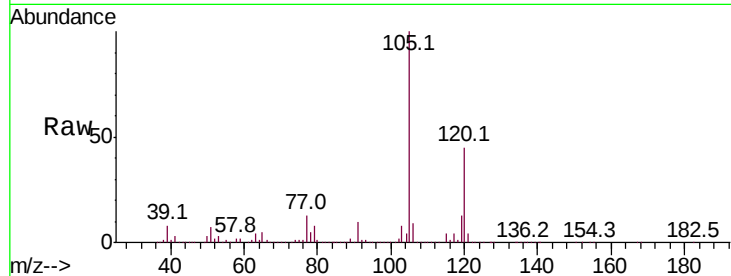




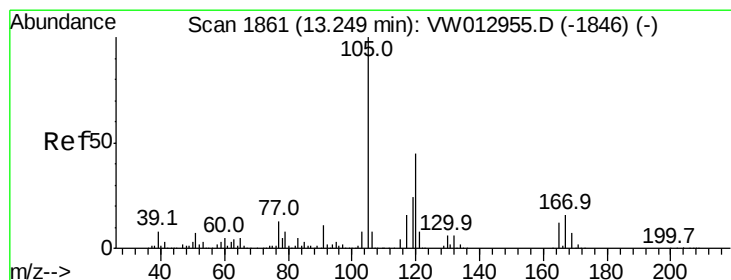
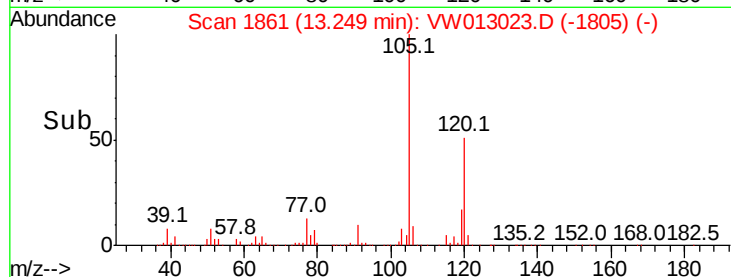
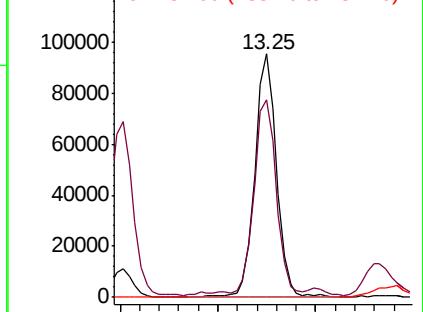
#83
tert-Butylbenzene
Concen: 18.904 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 146067
Ion Ratio Lower Upper
119 100
91 84.7 32.6 98.0
134 0.0 12.4 37.4#

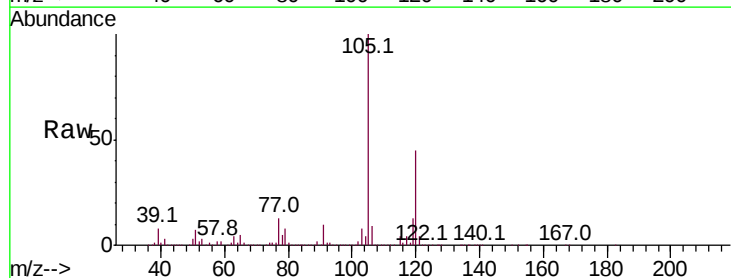


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

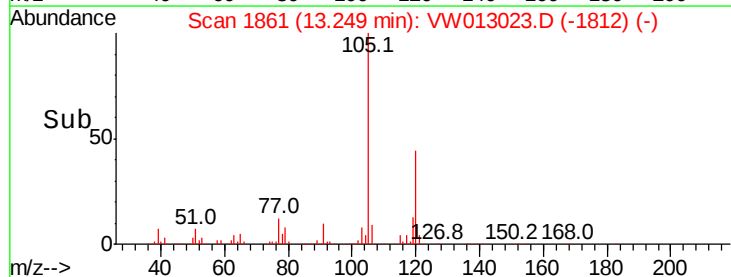
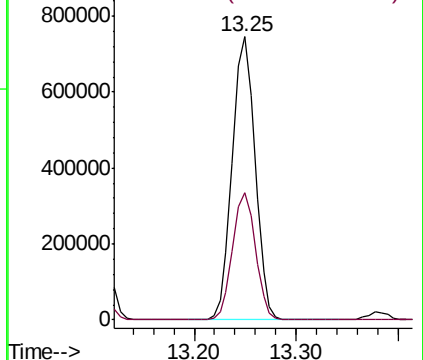


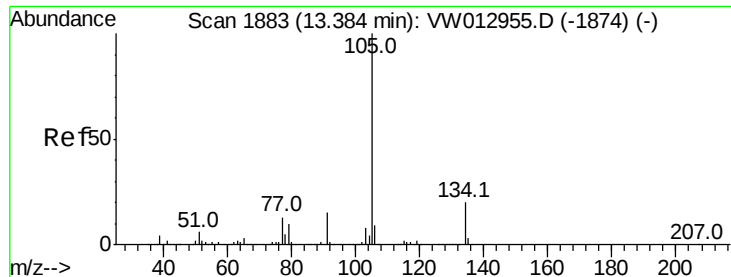
#84
1,2,4-Trimethylbenzene
Concen: 134.710 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion:105 Resp: 1149897
Ion Ratio Lower Upper
105 100
120 45.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

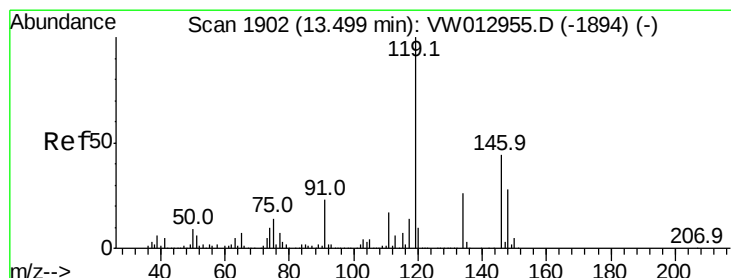
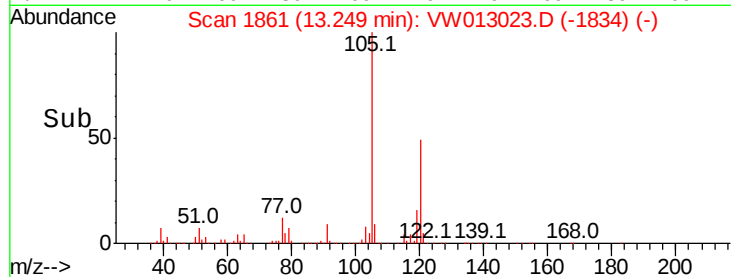
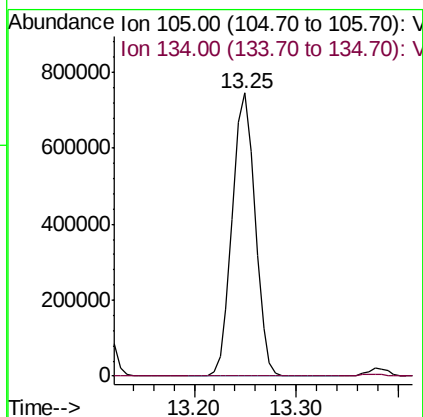
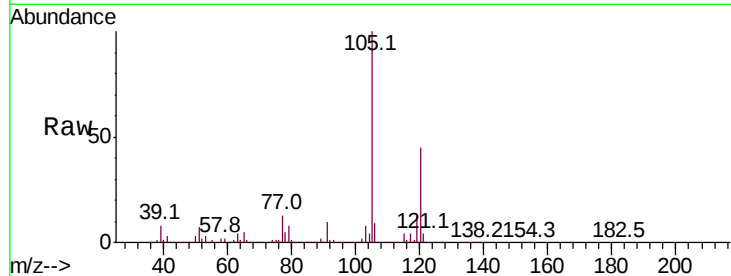




#85
 sec-Butylbenzene
 Concen: 109.232 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.13 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

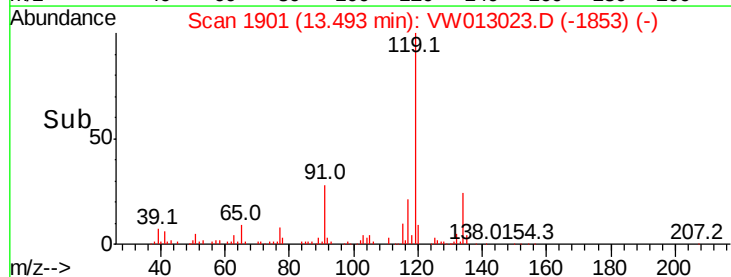
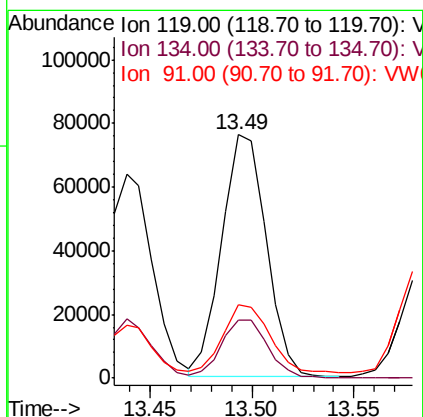
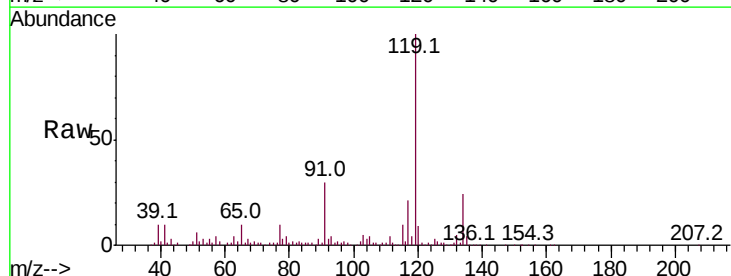
Instrument :
 MSVOA_W
 ClientSampleId :

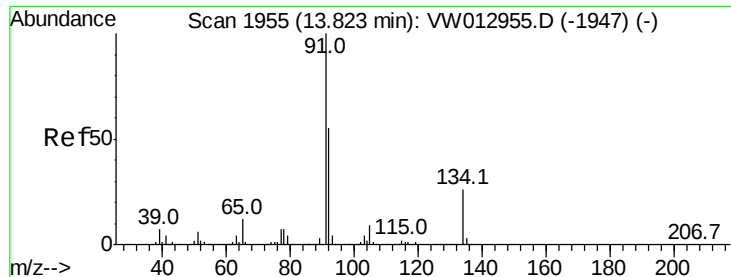
Tot Ion:105 Resp: 1149897
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 11.923 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

Tgt Ion:119 Resp: 115235
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 29.5 11.8 35.4

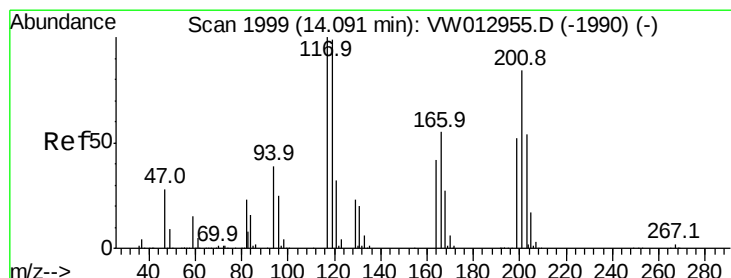
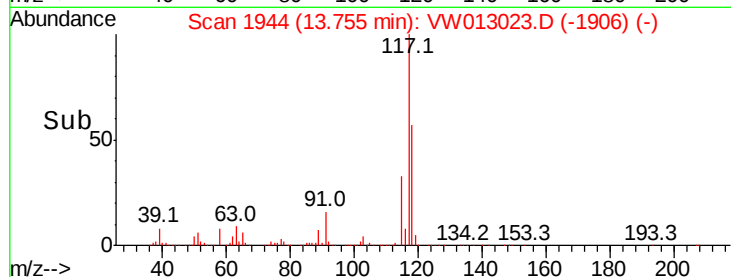
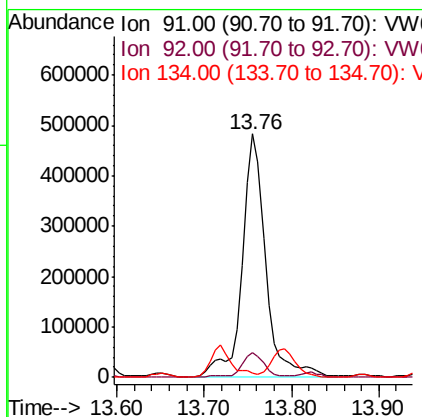
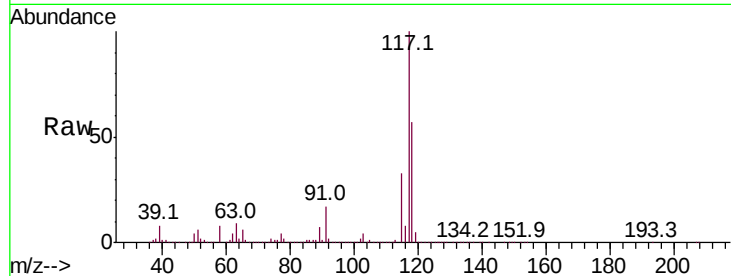




#89
n-Butylbenzene
Concen: 99.338 ug/l
RT: 13.76 min Scan# 1944
Delta R.T. -0.07 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

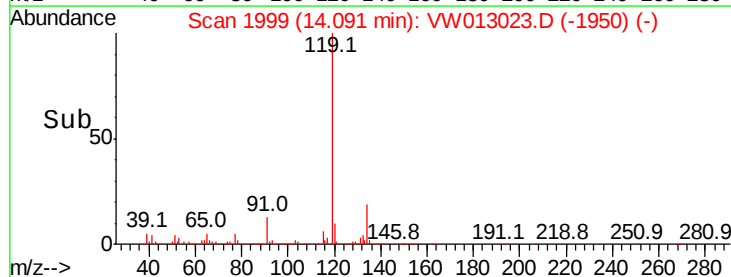
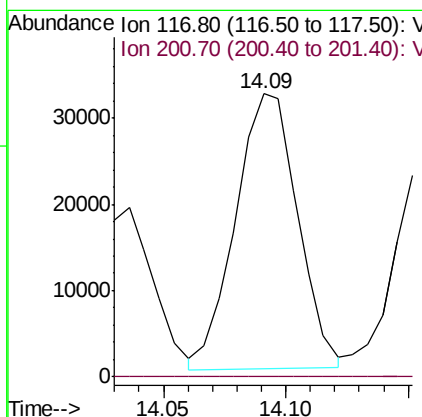
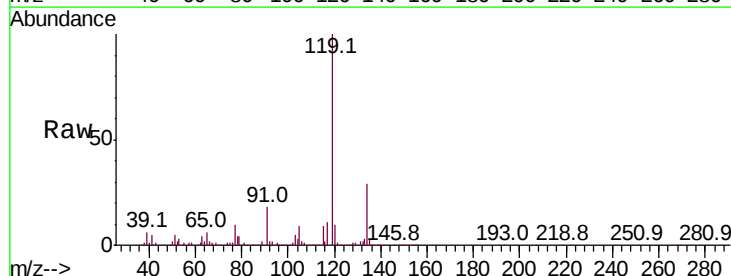
Instrument :
MSVOA_W
ClientSampleId :

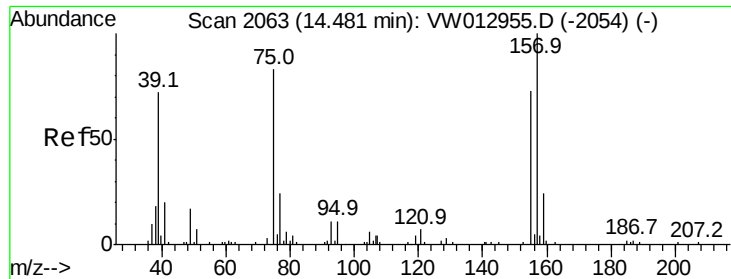
Tot Ion: 91 Resp: 905473
Ion Ratio Lower Upper
91 100
92 9.7 27.2 81.5#
134 0.0 13.1 39.1#



#90
Hexachloroethane
Concen: 32.469 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013023.D
Acq: 15 Sep 2019 05:44

Tgt Ion: 117 Resp: 56238
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.9#

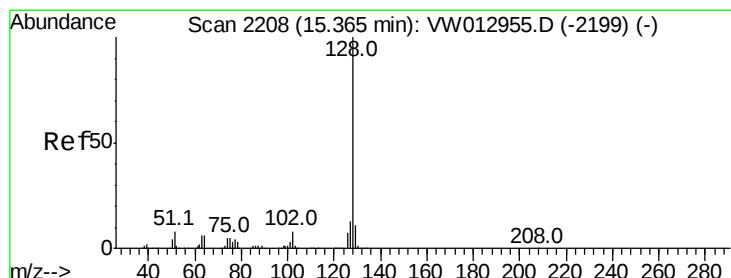
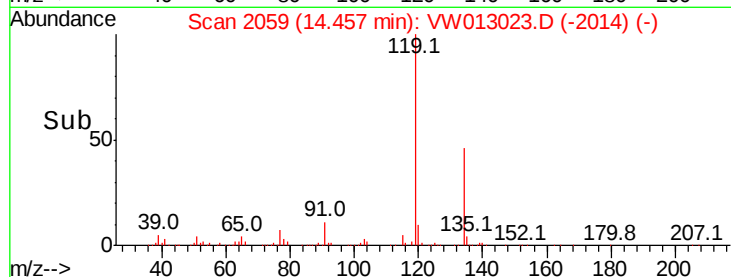
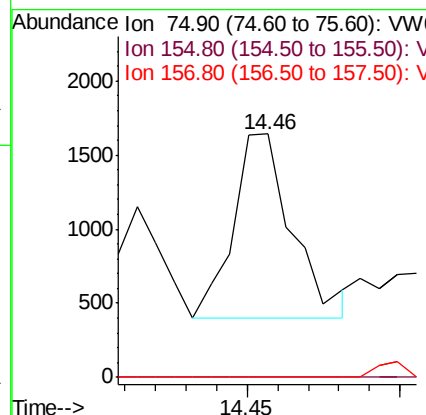
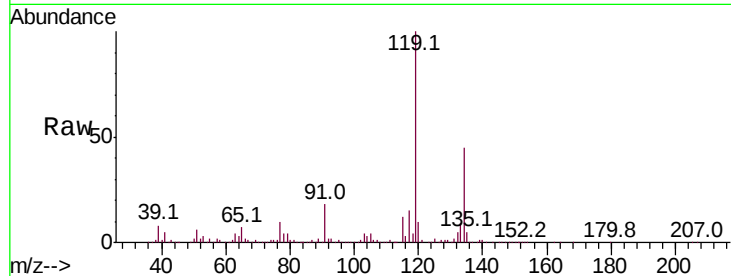




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.048 ug/l
 RT: 14.46 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1657
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.3 129.9#
 157 0.0 54.7 164.1#



#95
 Naphthalene
 Concen: 423.817 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW013023.D
 Acq: 15 Sep 2019 05:44

Tgt Ion: 128 Resp: 2068099
 Ion Ratio Lower Upper
 128 100
 127 13.6 11.0 16.6
 129 11.1 8.6 12.8

