

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100719\
 Data File : VW013469.D
 Acq On : 07 Oct 2019 17:46
 Operator : SY/VA
 Sample : K5213-05
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 08 10:41:16 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	309258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	465970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171997	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	132185	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	
35) Dibromofluoromethane	7.88	113	132063	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
50) Toluene-d8	10.32	98	533218	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.61	95	185652	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	5083	Below Cal	#	73
13) Acrolein	3.91	56	29	10.696	ug/l #	15
16) Acetone	4.15	43	4776	6.748	ug/l	93
20) Methylene Chloride	4.91	84	4321	Below Cal		89
25) 2-Butanone	7.14	43	1601	1.768	ug/l #	82
26) 2,2-Dichloropropane	7.14	77	3466	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.16	96	3387	1.067	ug/l	84
29) Tetrahydrofuran	7.53	42	52	9.788	ug/l #	34
31) Cyclohexane	7.95	56	26117	4.944	ug/l #	79
36) 1,1-Dichloropropene	7.94	75	19633	4.536	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26281	7.010	ug/l #	18
39) Methylcyclohexane	9.33	83	99934	17.533	ug/l	95
43) Isopropyl Acetate	8.41	43	8971	2.495	ug/l #	50
47) Bromodichloromethane	9.62	83	4325	1.199	ug/l #	41
48) Methyl methacrylate	9.51	41	5023	2.908	ug/l #	42
51) 4-Methyl-2-Pentanone	10.32	43	13805	7.309	ug/l	88
55) 1,1,2-Trichloroethane	10.76	97	98514	45.072	ug/l #	23
56) Ethyl methacrylate	10.66	69	36232	12.316	ug/l #	25
59) 2-Hexanone	10.93	43	127346	97.271	ug/l #	29
64) Tetrachloroethene	10.86	164	30408	11.181	ug/l	95
74) N-amyl acetate	12.25	43	388004	144.911	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.69	83	66417	31.190	ug/l #	71
76) 1,2,3-Trichloropropane	12.61	75	65409	42.789	ug/l #	100
78) n-propylbenzene	12.88	91	14500	1.002	ug/l	97
79) 2-Chlorotoluene	12.88	91	14500	1.804	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.61	75	65409	87.546	ug/l #	23
84) 1,2,4-Trimethylbenzene	13.25	105	10955	1.054	ug/l	98
89) n-Butylbenzene	13.80	91	24420	2.322	ug/l #	1
90) Hexachloroethane	14.10	117	86950	45.121	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.46	75	609	1.912	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.14	180	10023	2.780	ug/l #	1
95) Naphthalene	15.33	128	50883	8.366	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	18570	5.899	ug/l #	1

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QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

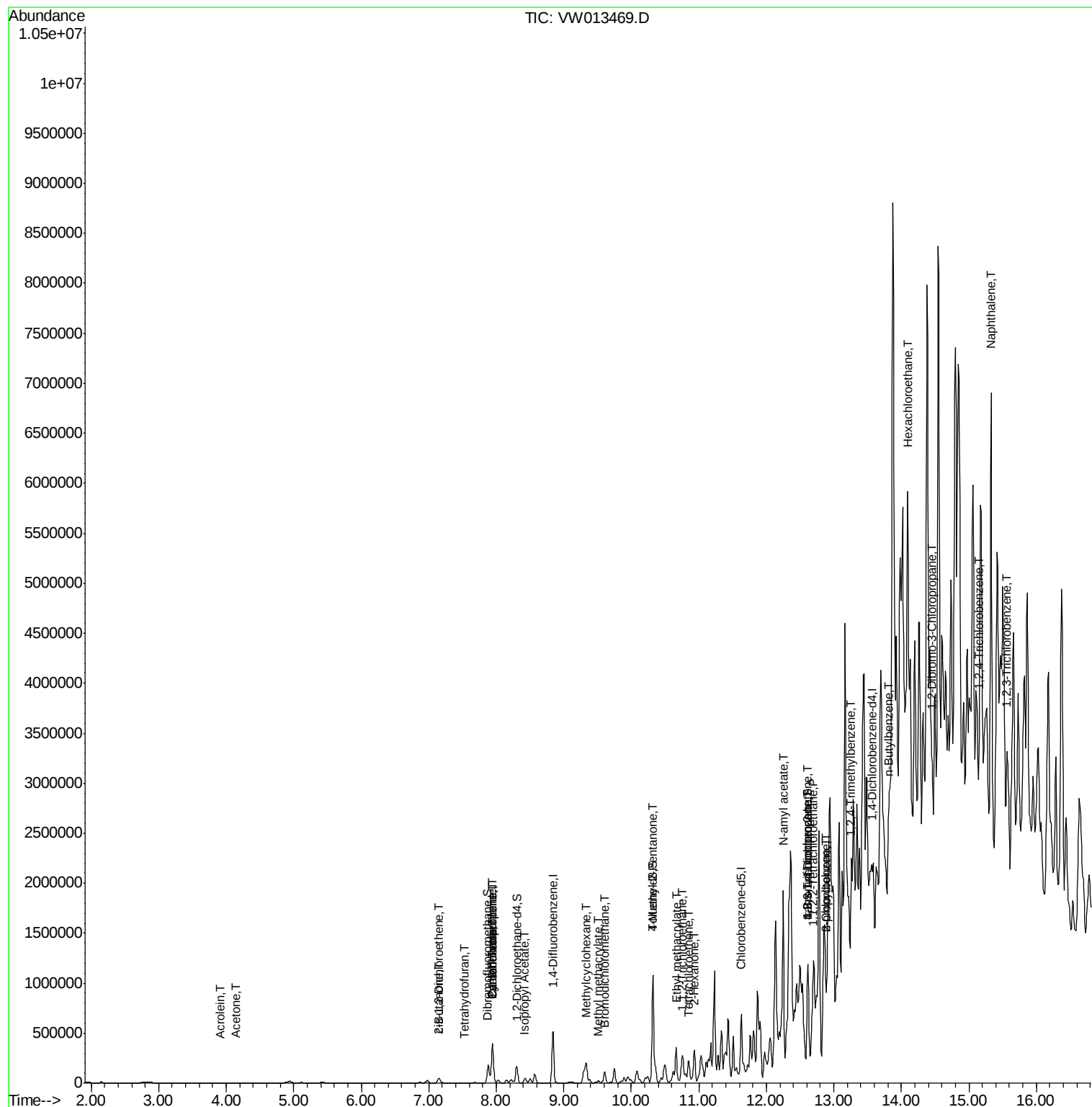
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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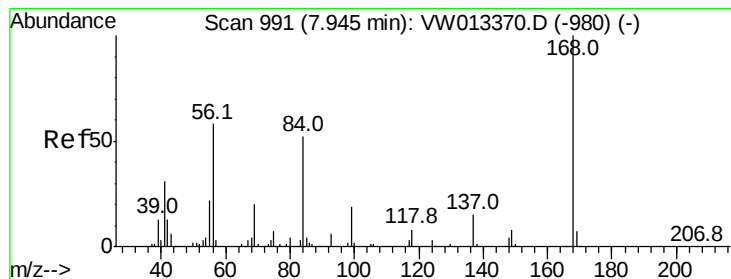
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013469.D

Acq: 07 Oct 2019 17:46

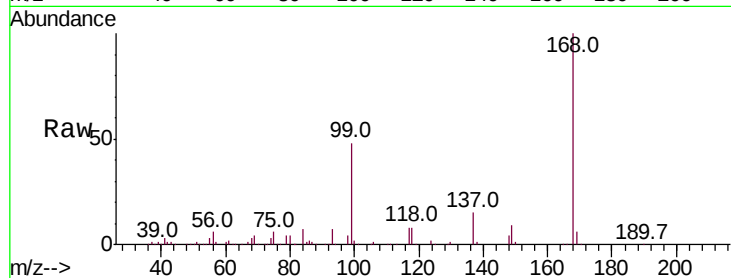
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 309258

Ion Ratio Lower Upper

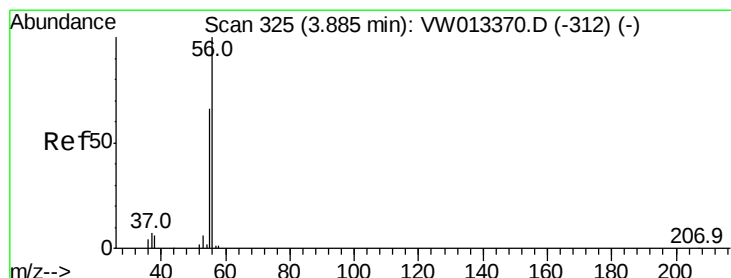
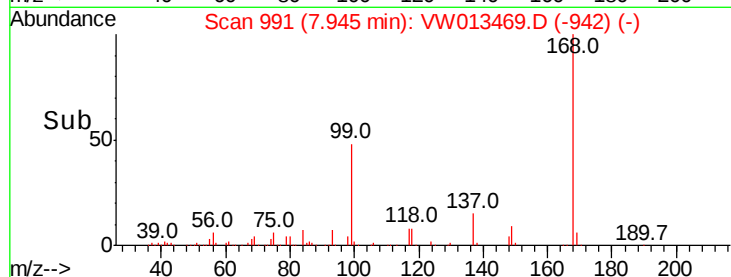
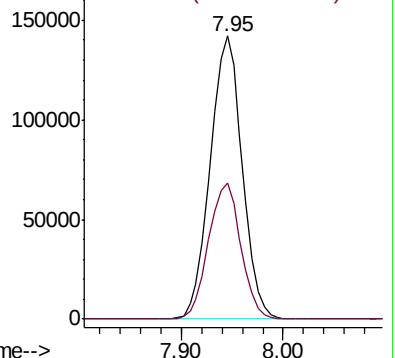
168 100

99 48.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 10.696 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW013469.D

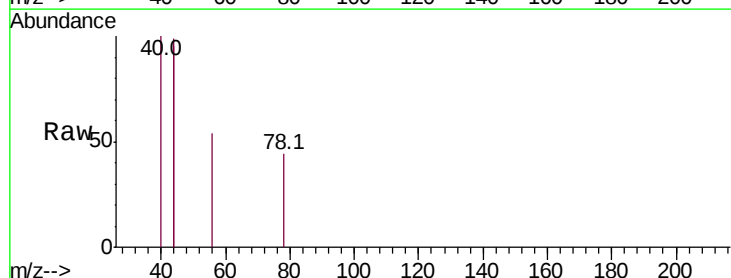
Acq: 07 Oct 2019 17:46

Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

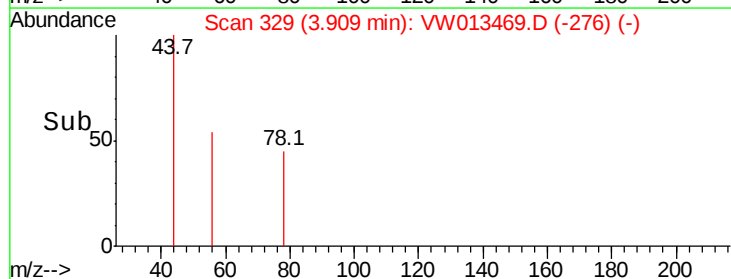
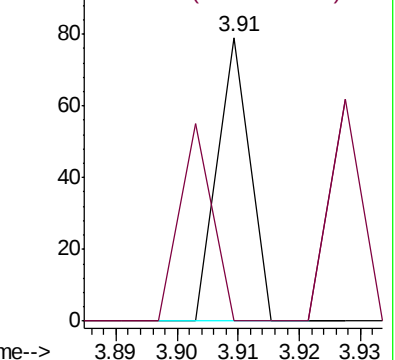
56 100

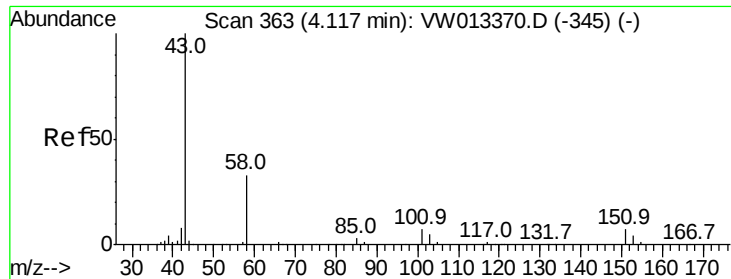
55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 6.748 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

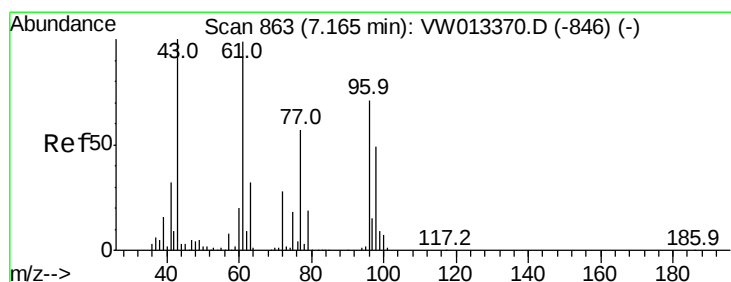
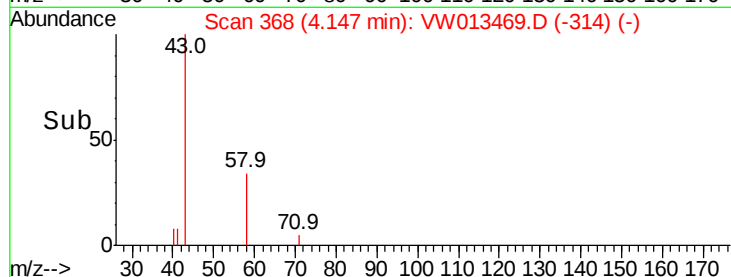
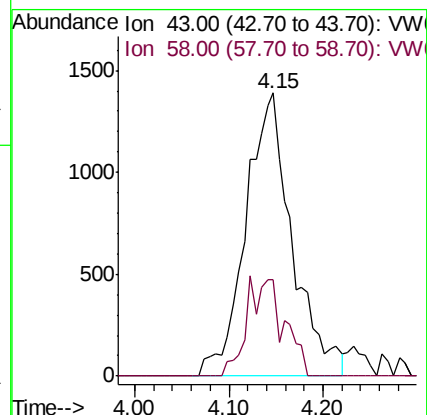
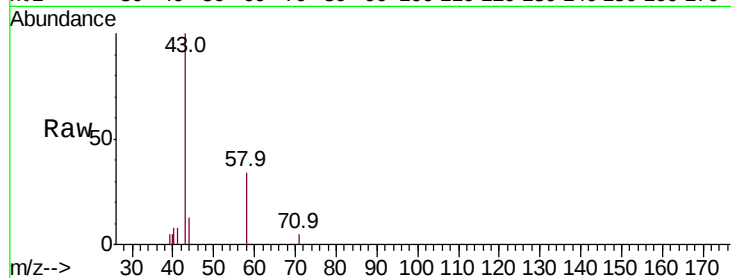
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4776

Ion Ratio Lower Upper

43 100

58 34.1 24.1 36.1



#25

2-Butanone

Concen: 1.768 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013469.D

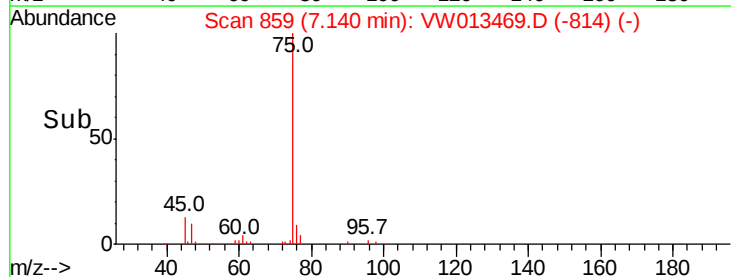
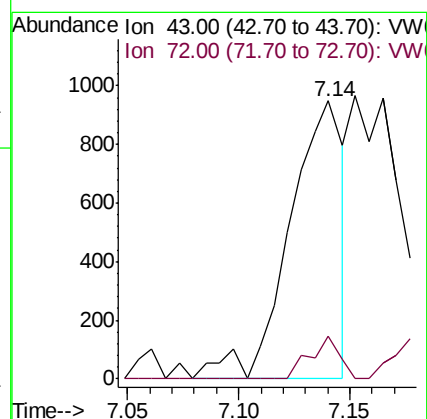
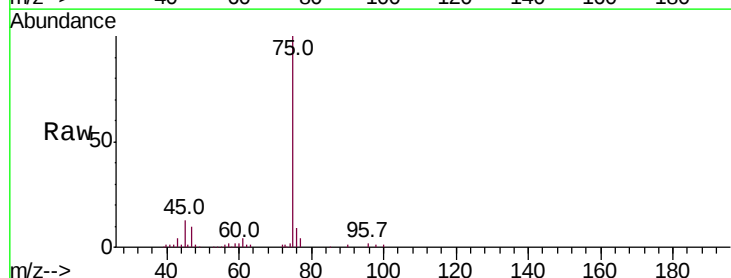
Acq: 07 Oct 2019 17:46

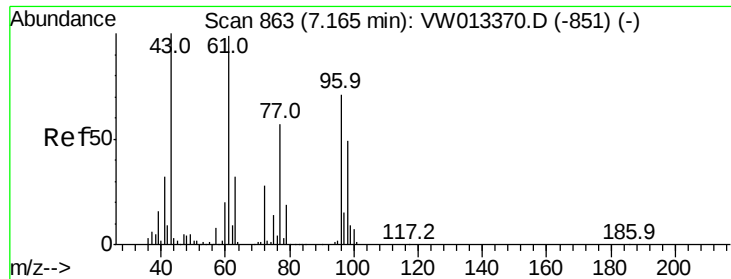
Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

43 100

72 15.4 19.4 29.0#



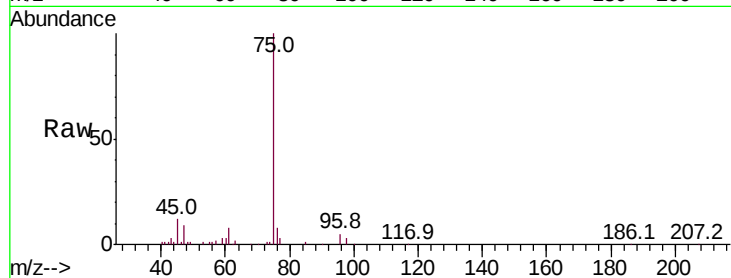


#27

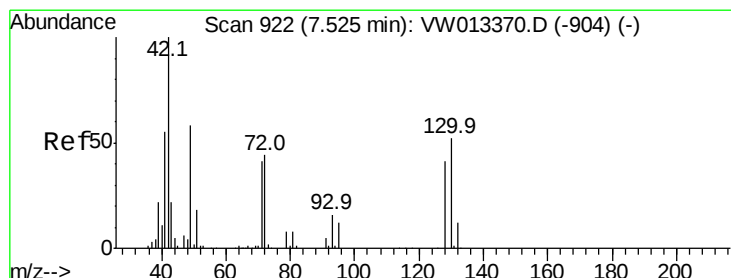
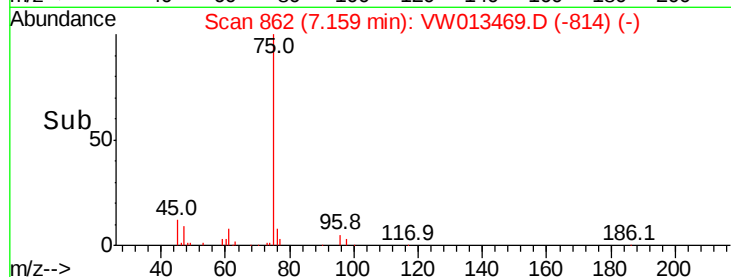
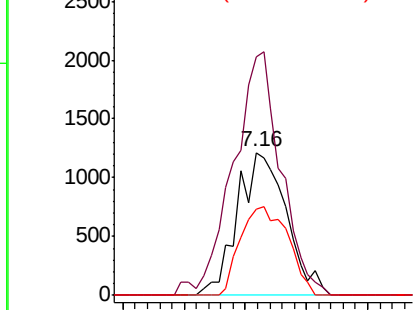
cis-1,2-Dichloroethene
Concen: 1.067 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 3387
Ion Ratio Lower Upper
96 100
61 166.7 0.0 282.4
98 59.8 0.0 128.2



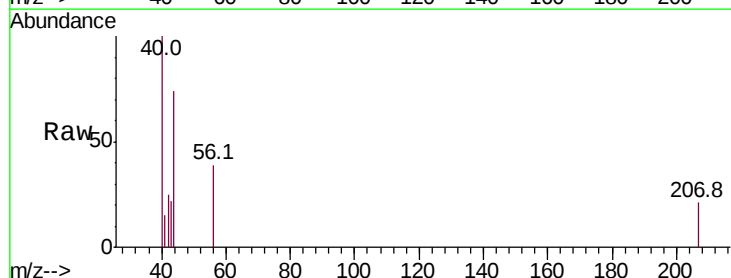
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



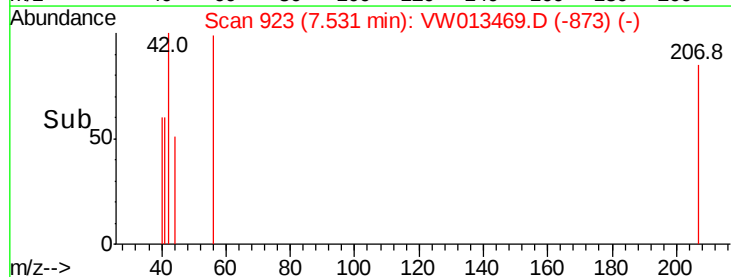
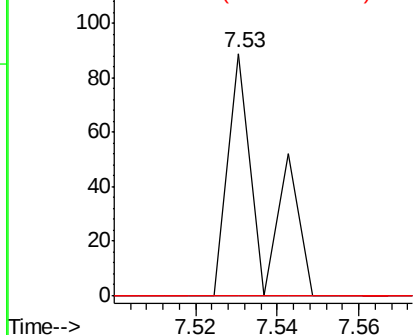
#29

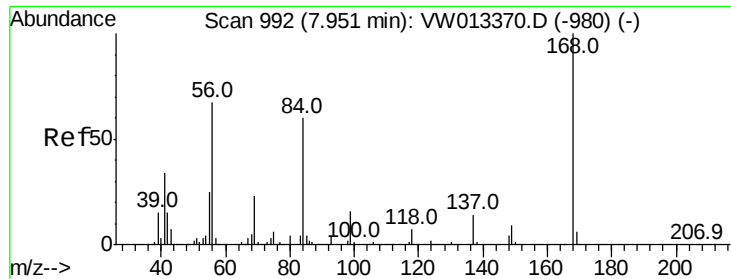
Tetrahydrofuran
Concen: 9.788 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Tgt Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
72 0.0 33.9 50.9#
71 0.0 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

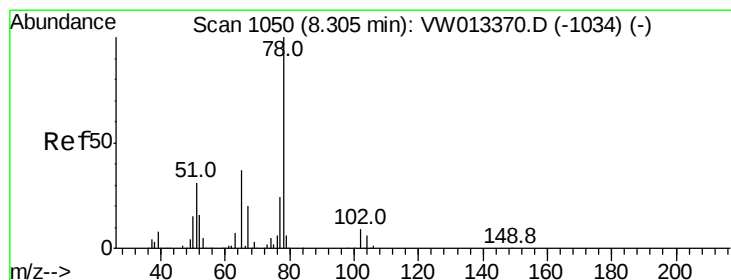
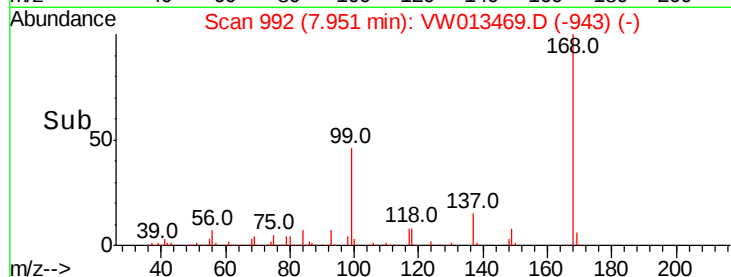
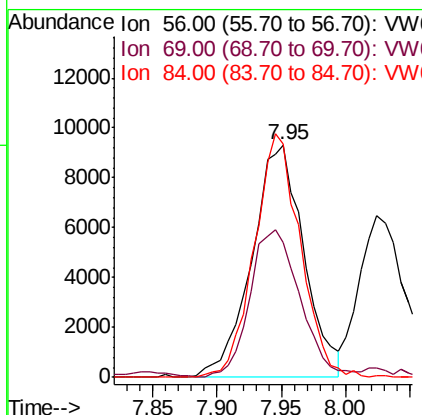
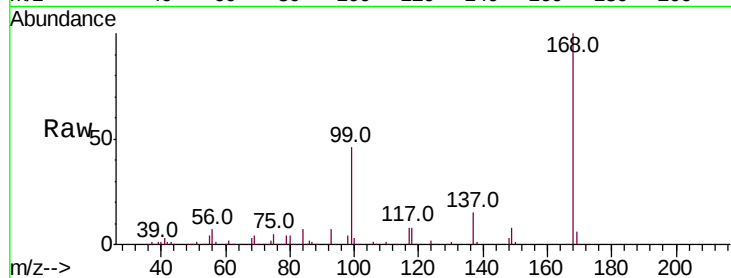




#31
Cyclohexane
Concen: 4.944 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

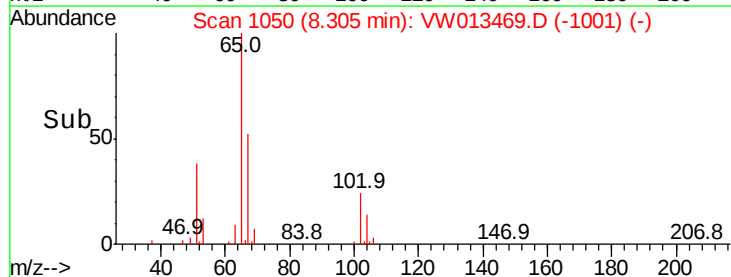
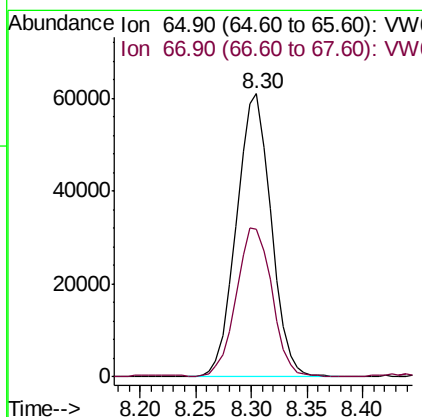
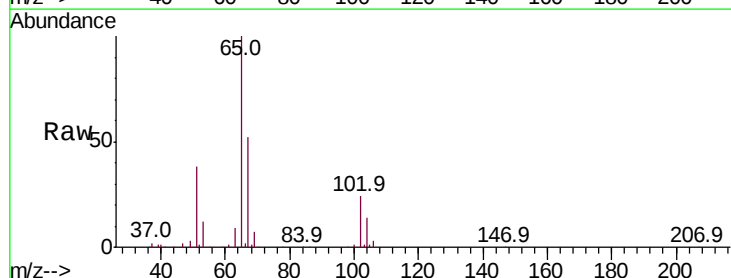
Instrument :
MSVOA_W
ClientSampleId :

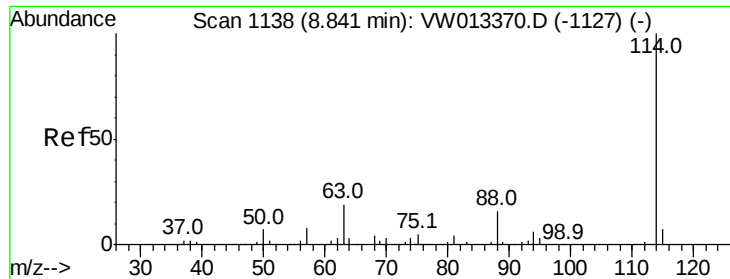
Tot Ion: 56 Resp: 26117
Ion Ratio Lower Upper
56 100
69 57.3 27.2 40.8#
84 100.4 70.8 106.2



#33
1,2-Dichloroethane-d4
Concen: 57.244 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Tgt Ion: 65 Resp: 132185
Ion Ratio Lower Upper
65 100
67 54.3 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: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

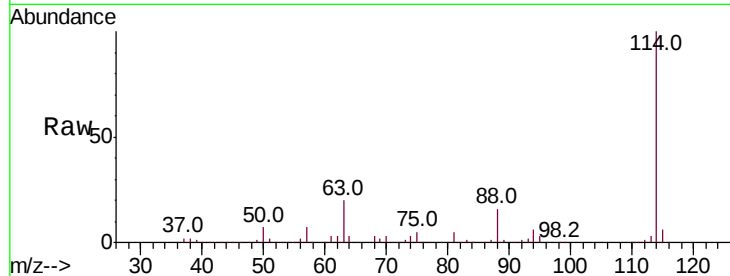
Tot Ion:114 Resp: 465970

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

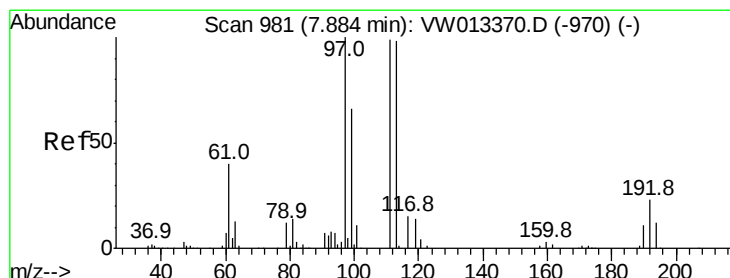
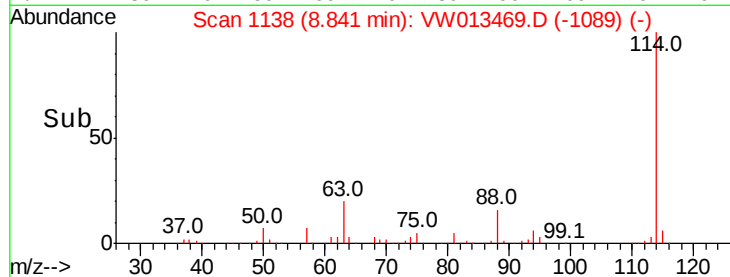
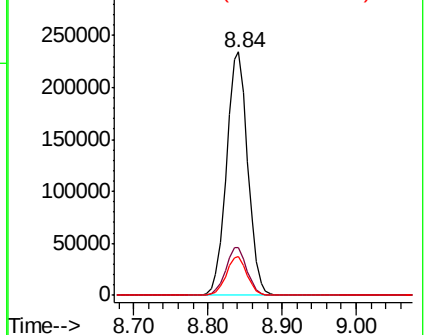
88 15.7 0.0 32.0



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: 54.012 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

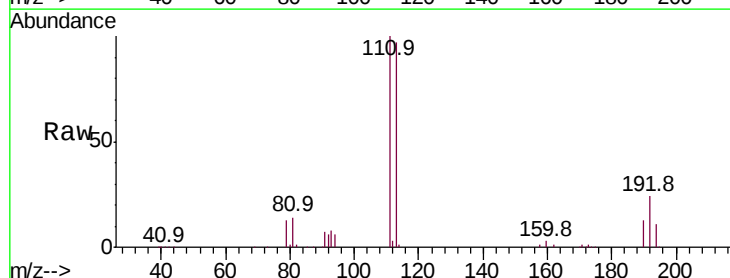
Tgt Ion:113 Resp: 132063

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

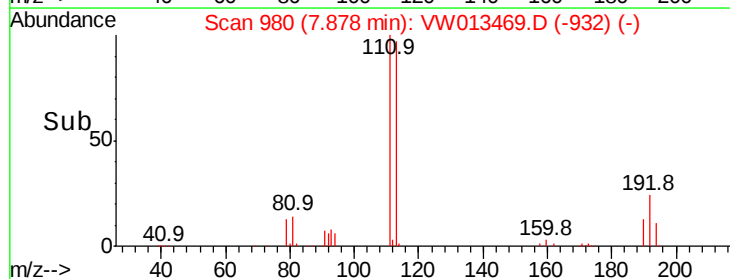
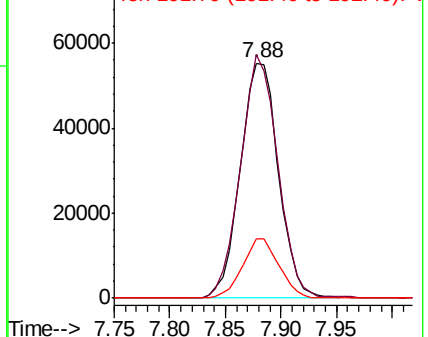
192 24.0 19.1 28.7

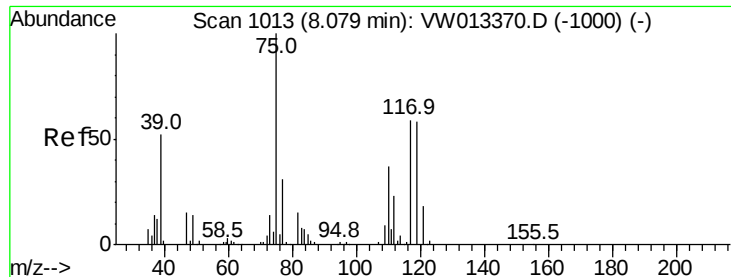


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

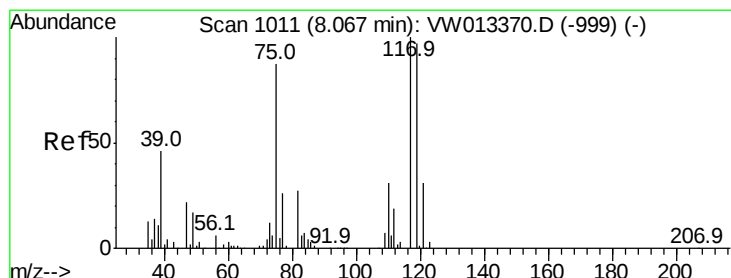
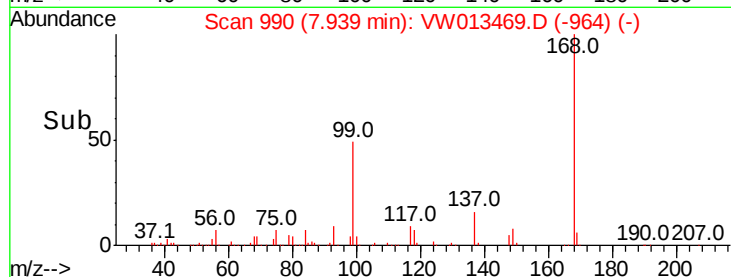
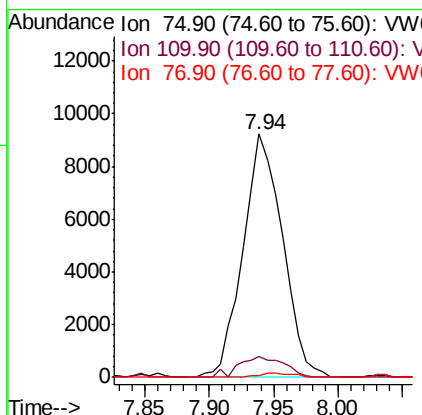
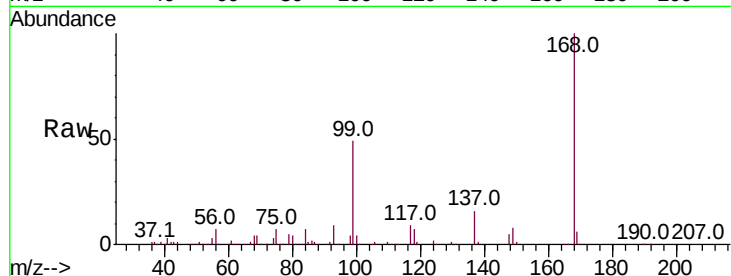




#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013469.D
 Acq: 07 Oct 2019 17:46

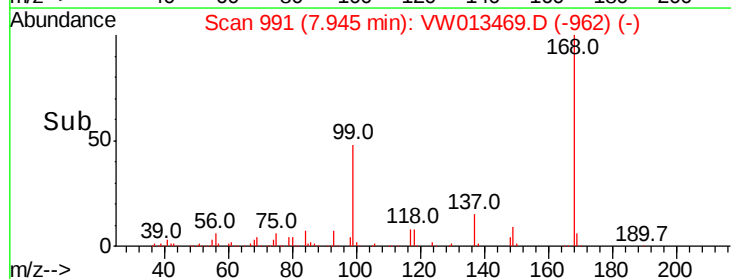
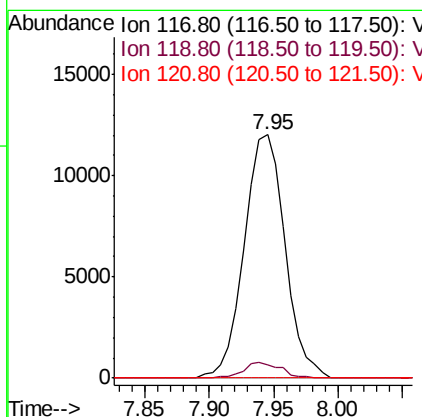
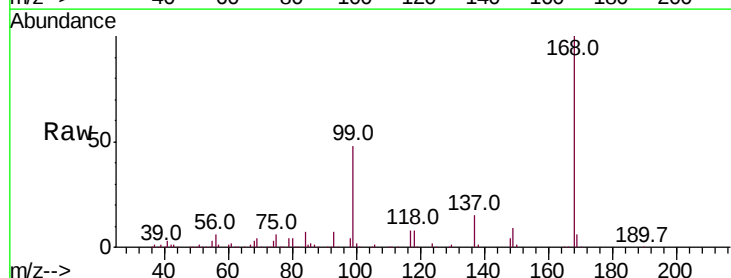
Instrument :
 MSVOA_W
 ClientSampleId :

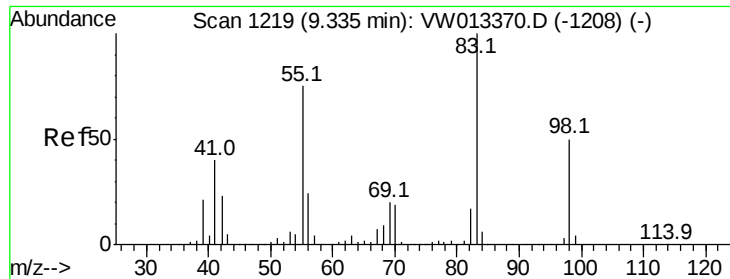
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	1.3	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 7.010 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013469.D
 Acq: 07 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	73.5	110.3#
121	0.0	25.0	37.6#





#39

Methylcyclohexane

Concen: 17.533 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampled :

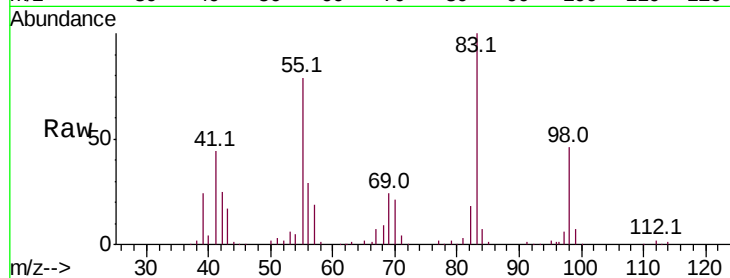
Tot Ion: 83 Resp: 99934

Ion Ratio Lower Upper

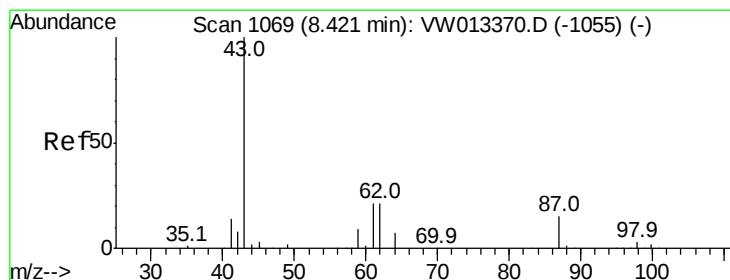
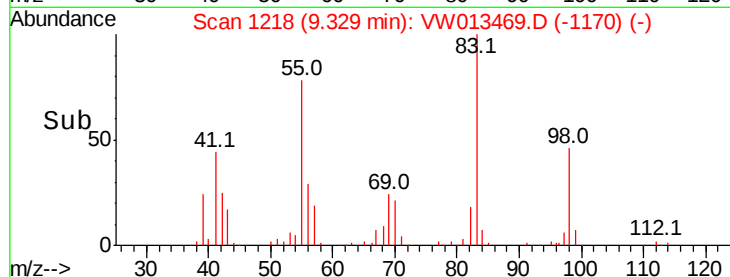
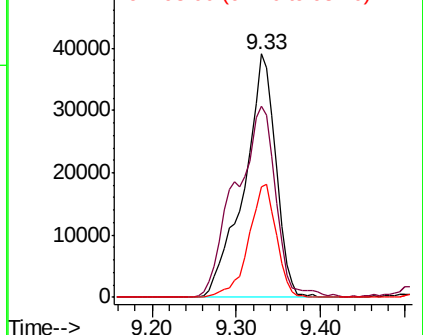
83 100

55 78.5 60.4 90.6

98 45.6 40.0 60.0



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#43

Isopropyl Acetate

Concen: 2.495 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

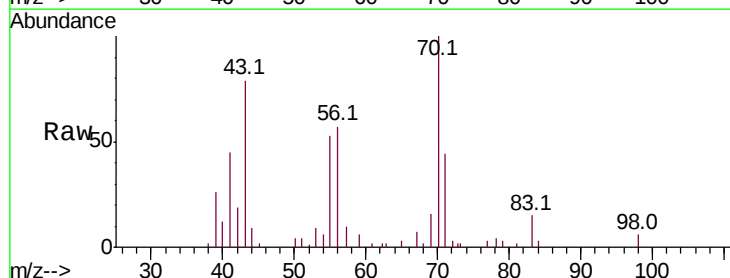
Tgt Ion: 43 Resp: 8971

Ion Ratio Lower Upper

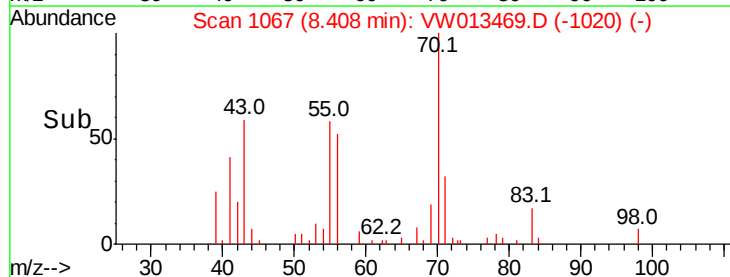
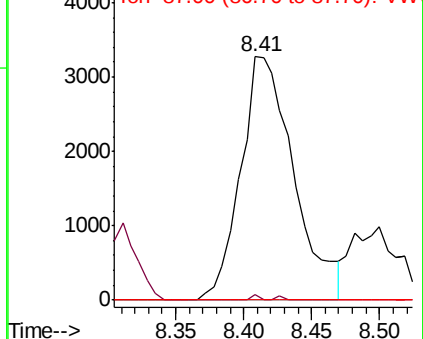
43 100

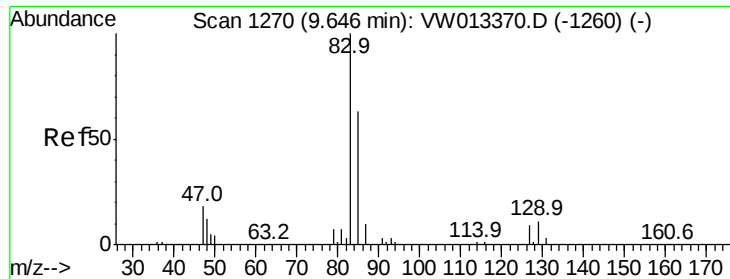
61 0.0 25.5 38.3#

87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW





#47

Bromodichloromethane

Concen: 1.199 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

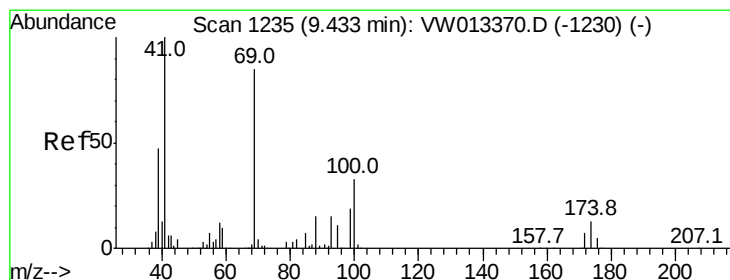
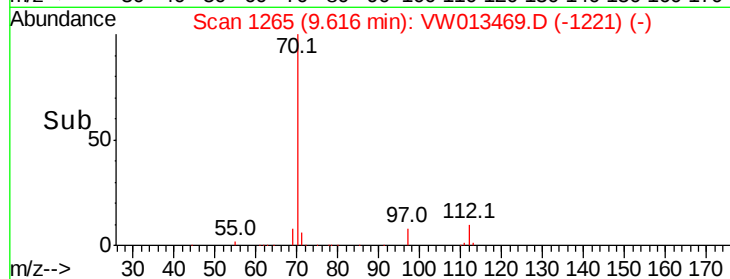
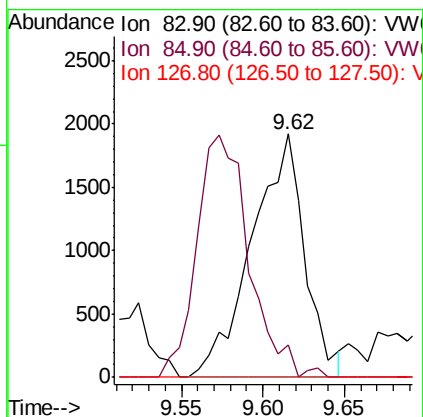
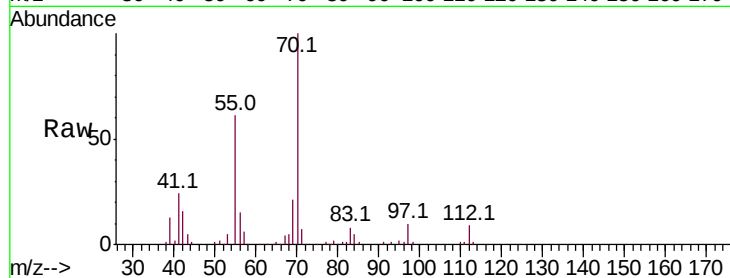
Tot Ion: 83 Resp: 4325

Ion Ratio Lower Upper

83 100

85 13.2 49.4 74.2#

127 0.0 6.5 9.7#



#48

Methyl methacrylate

Concen: 2.908 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

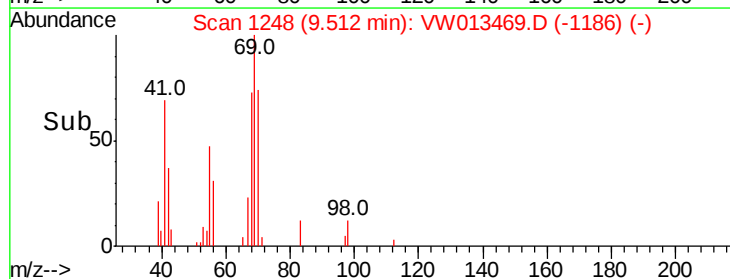
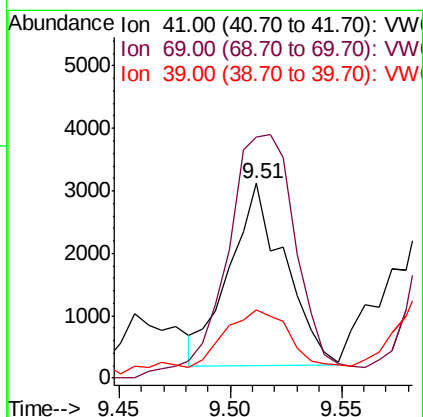
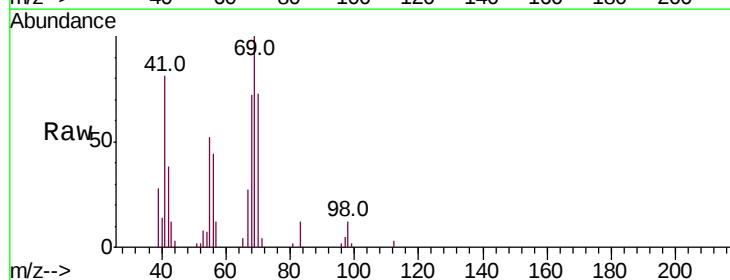
Tgt Ion: 41 Resp: 5023

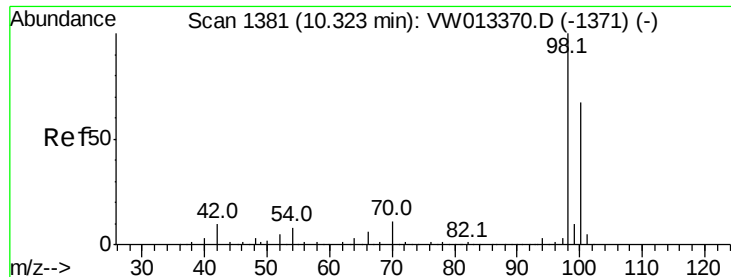
Ion Ratio Lower Upper

41 100

69 170.8 69.7 104.5#

39 48.9 41.1 61.7





#50

Toluene-d8

Concen: 52.552 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

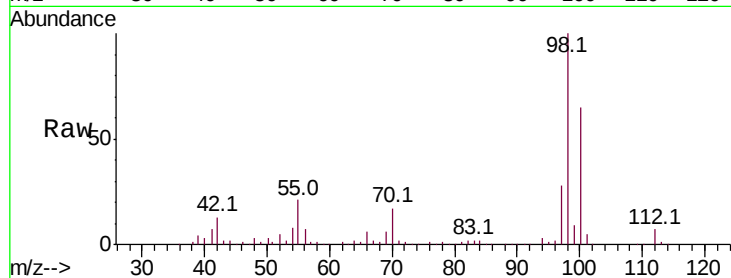
ClientSampleId :

Tot Ion: 98 Resp: 533218

Ion Ratio Lower Upper

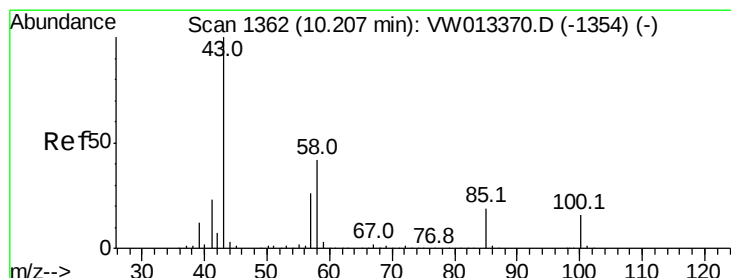
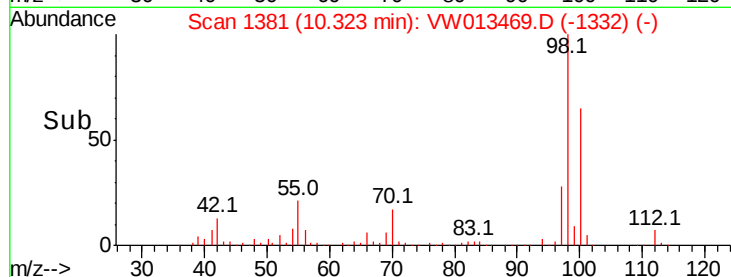
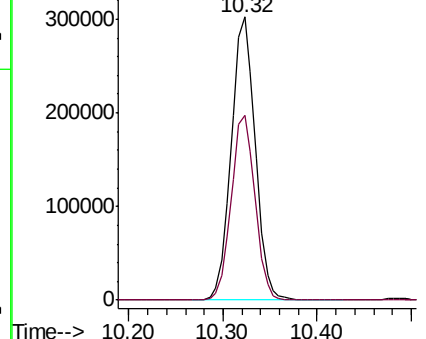
98 100

100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 7.309 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013469.D

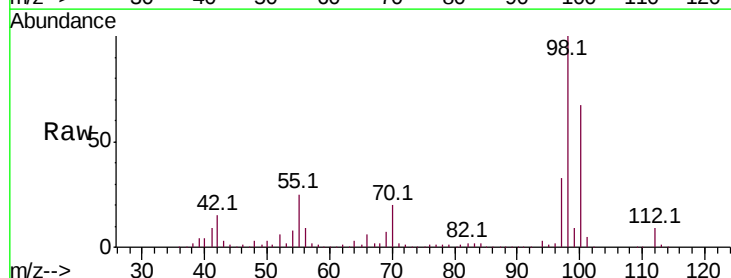
Acq: 07 Oct 2019 17:46

Tgt Ion: 43 Resp: 13805

Ion Ratio Lower Upper

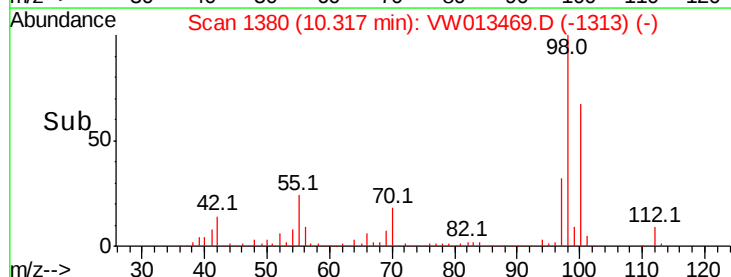
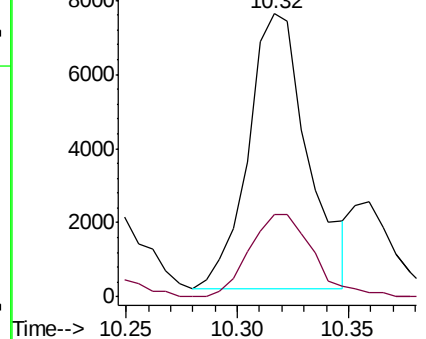
43 100

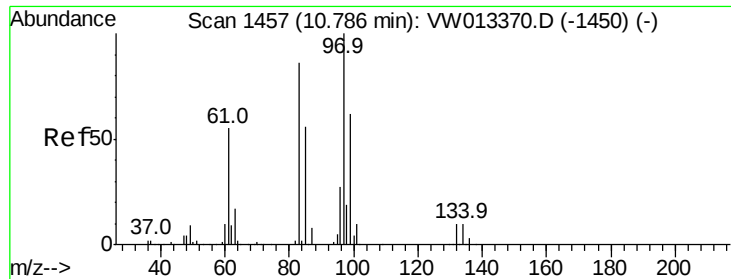
58 32.3 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

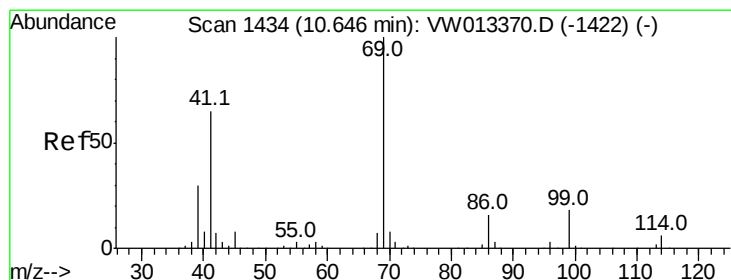
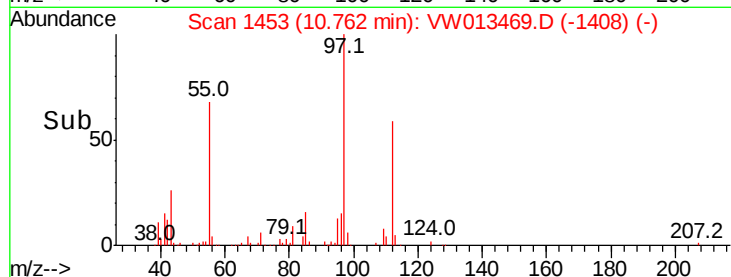
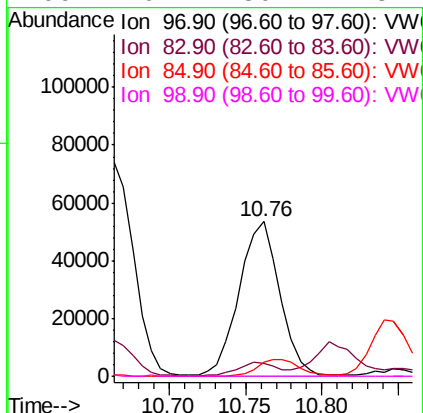
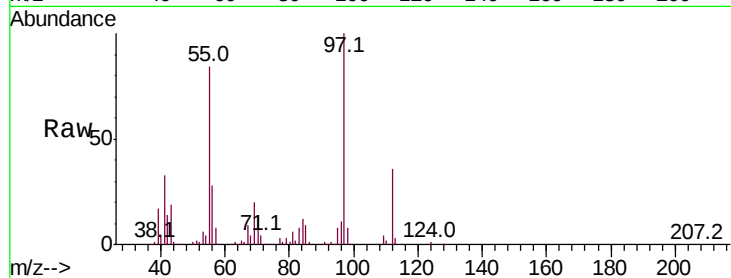




#55
 1,1,2-Trichloroethane
 Concen: 45.072 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013469.D
 Acq: 07 Oct 2019 17:46

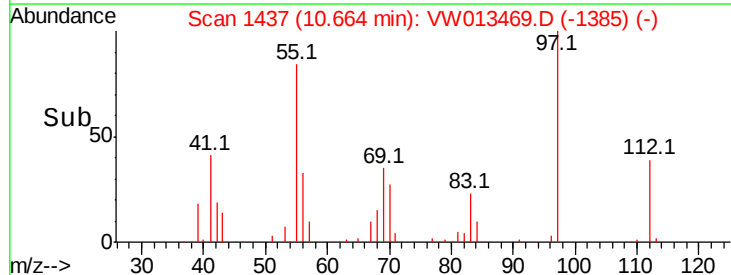
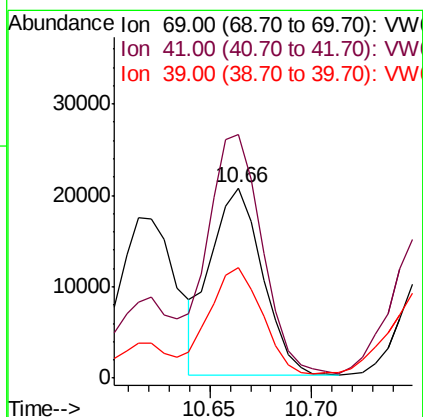
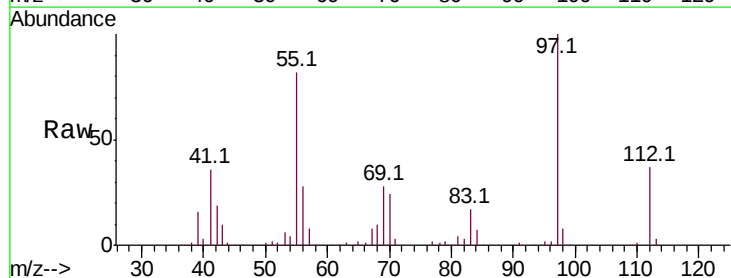
Instrument :
 MSVOA_W
 ClientSampled :

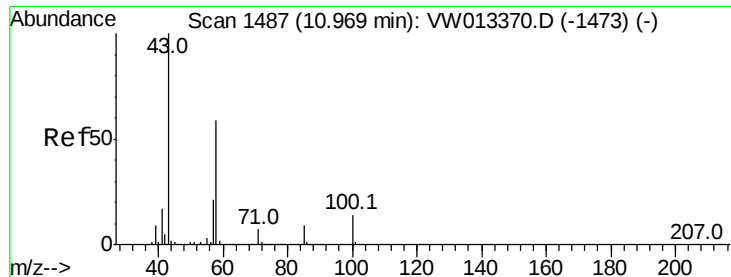
Tot Ion	Resp	Lower	Upper
97	100		
83	8.2	67.6	101.4#
85	9.1	41.9	62.9#
99	0.2	50.1	75.1#



#56
 Ethyl methacrylate
 Concen: 12.316 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013469.D
 Acq: 07 Oct 2019 17:46

Tgt Ion	Resp	Lower	Upper
69	100		
41	135.3	53.9	80.9#
39	58.8	23.8	35.6#





#59

2-Hexanone

Concen: 97.271 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

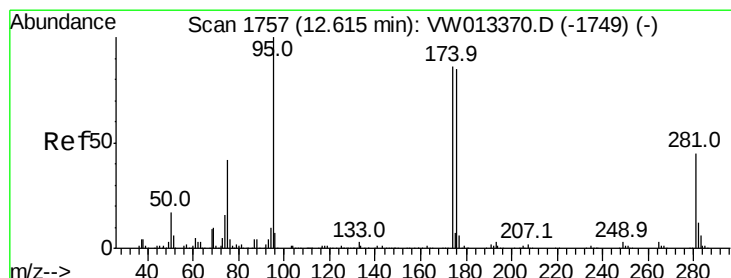
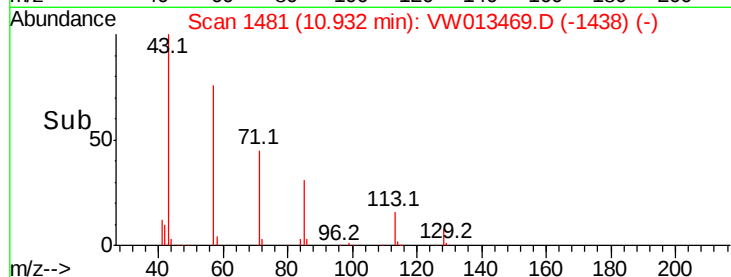
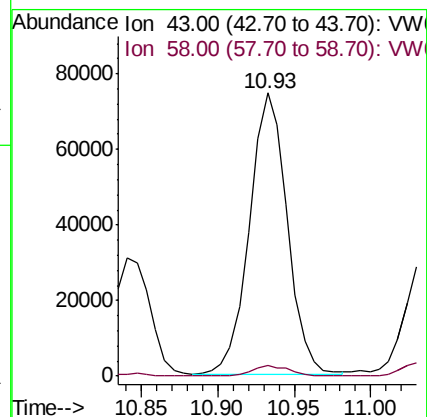
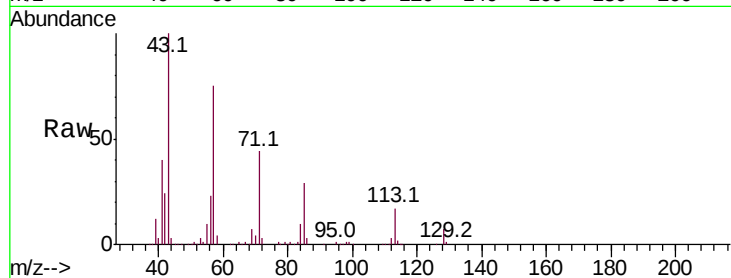
ClientSampleId :

Tot Ion: 43 Resp: 127346

Ion Ratio Lower Upper

43 100

58 4.0 28.1 84.2#



#62

4-Bromofluorobenzene

Concen: 54.792 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

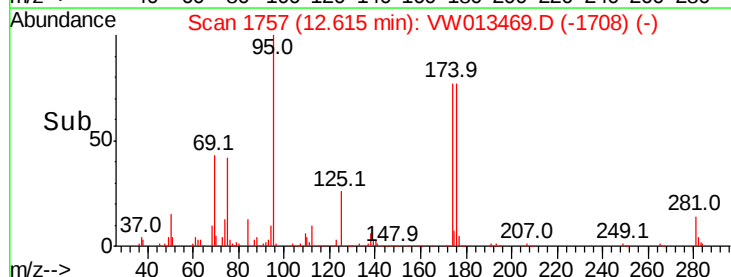
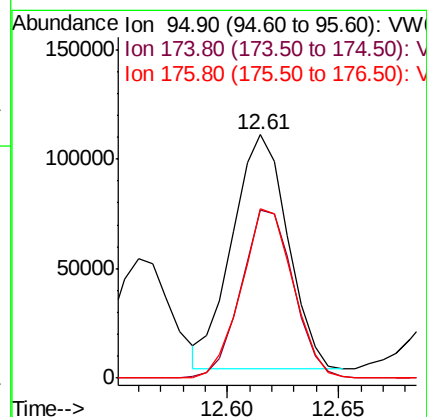
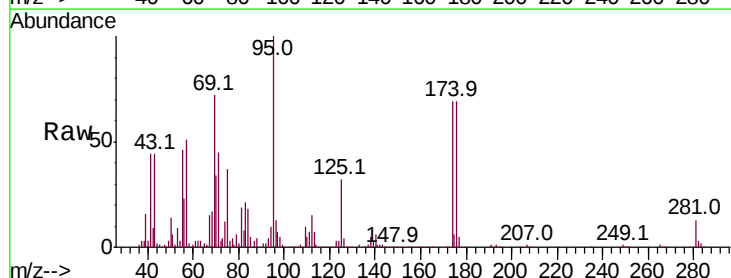
Tgt Ion: 95 Resp: 185652

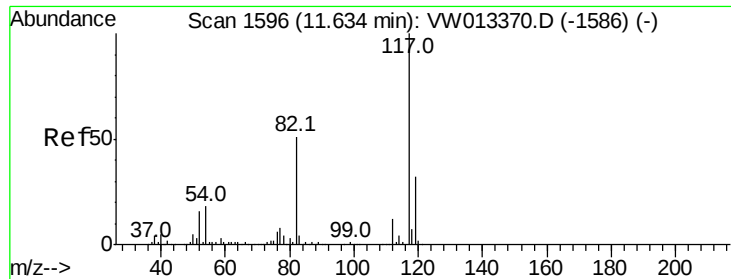
Ion Ratio Lower Upper

95 100

174 67.4 0.0 178.4

176 67.5 0.0 172.2

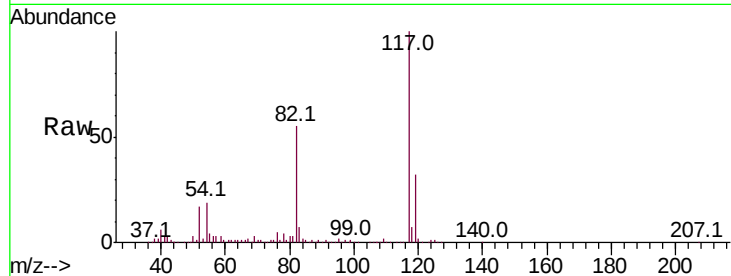




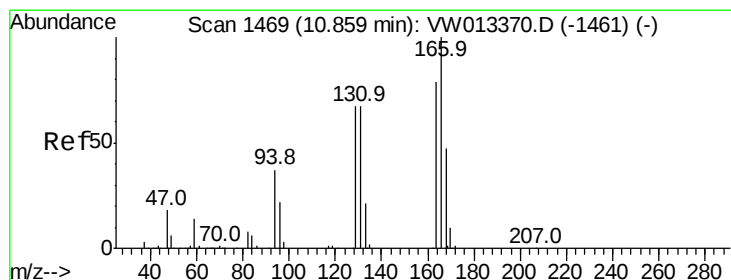
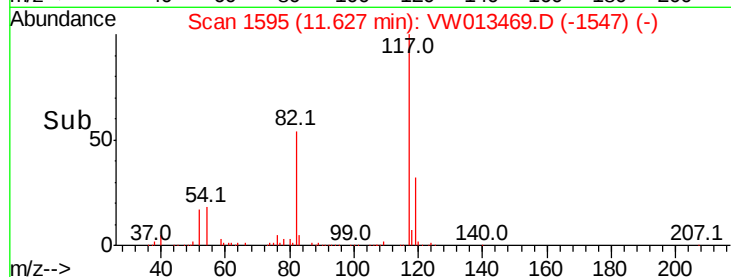
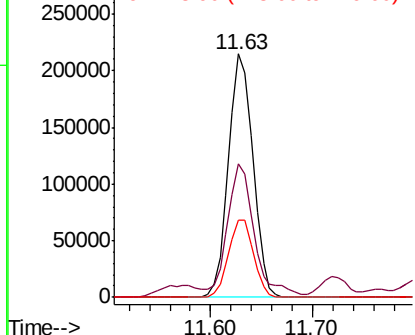
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 357474
Ion Ratio Lower Upper
117 100
82 50.2 45.9 68.9
119 31.5 26.2 39.2

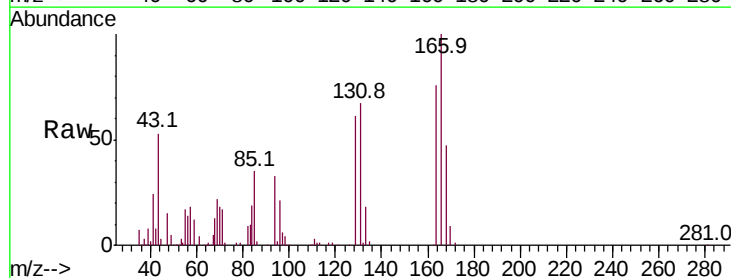


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

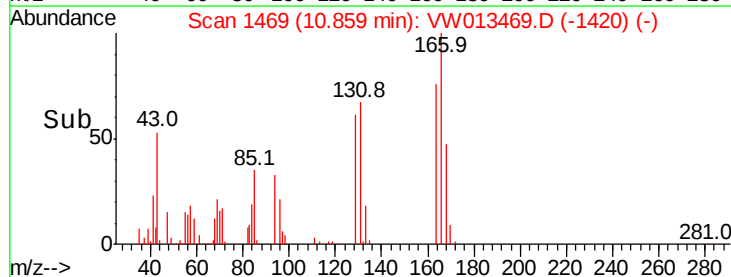
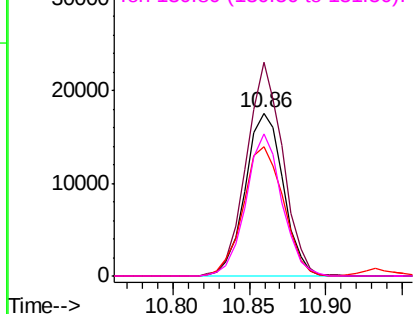


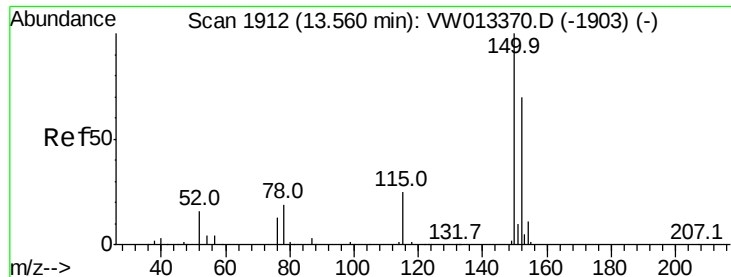
#64
Tetrachloroethene
Concen: 11.181 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Tgt Ion:164 Resp: 30408
Ion Ratio Lower Upper
164 100
166 130.9 101.2 151.8
129 79.6 68.8 103.2
131 87.1 65.2 97.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

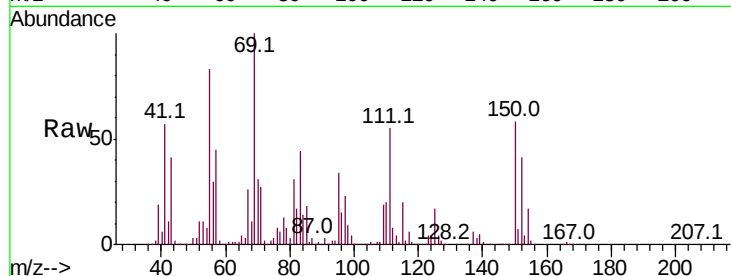
Tot Ion:152 Resp: 171997

Ion Ratio Lower Upper

152 100

115 38.5 27.3 81.9

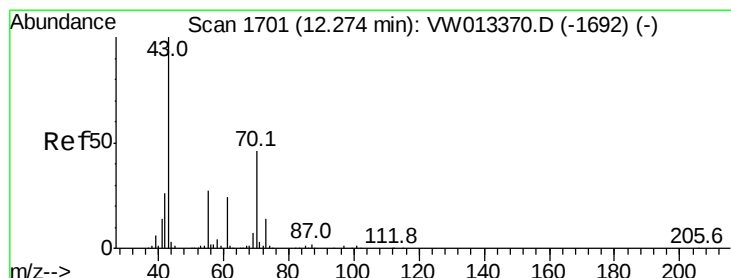
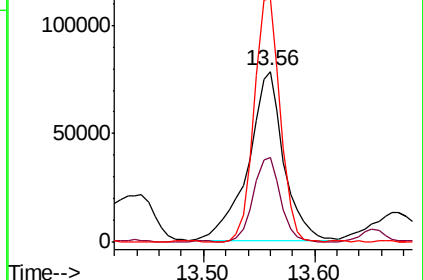
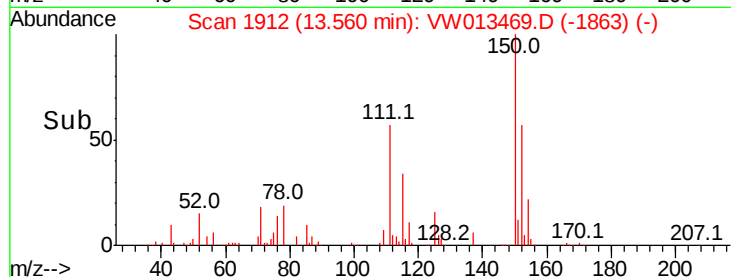
150 106.3 0.0 349.0



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: 144.911 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Tgt Ion: 43 Resp: 388004

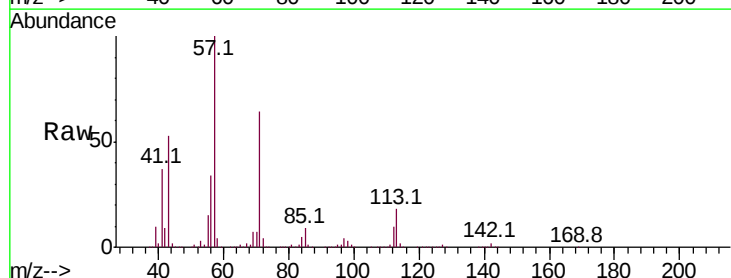
Ion Ratio Lower Upper

43 100

70 18.8 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#

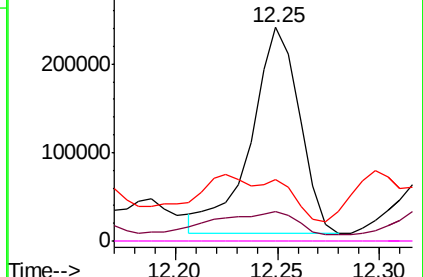
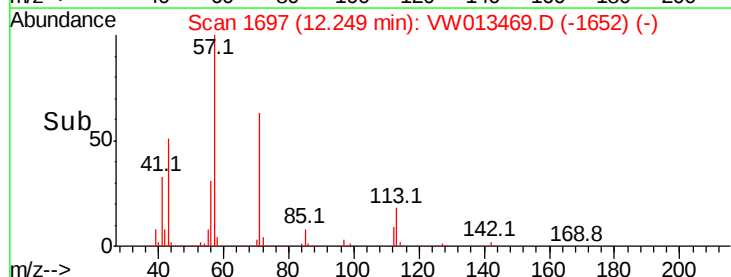


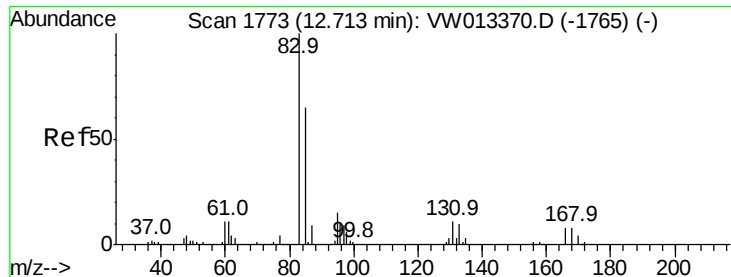
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 31.190 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampled :

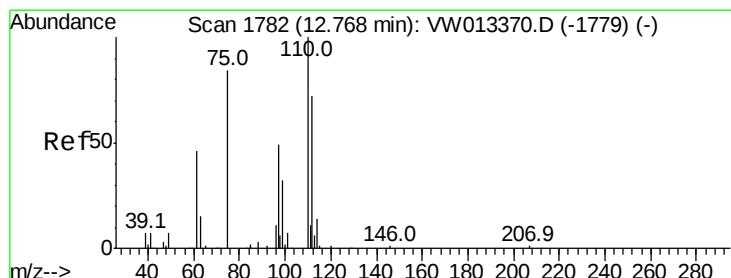
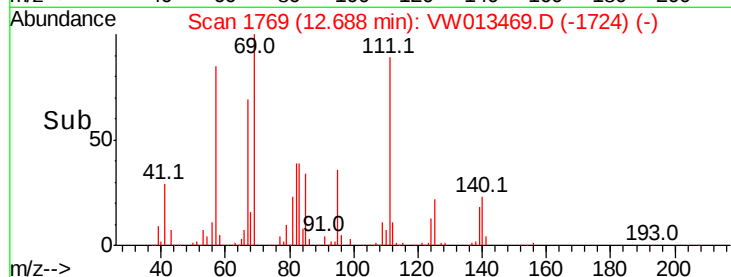
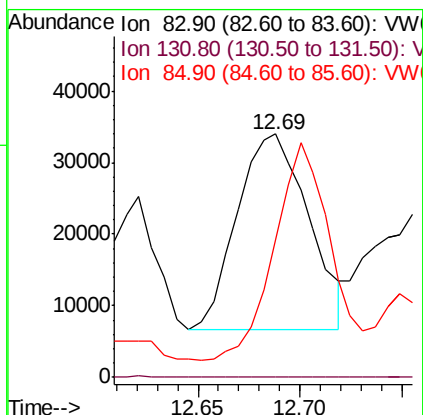
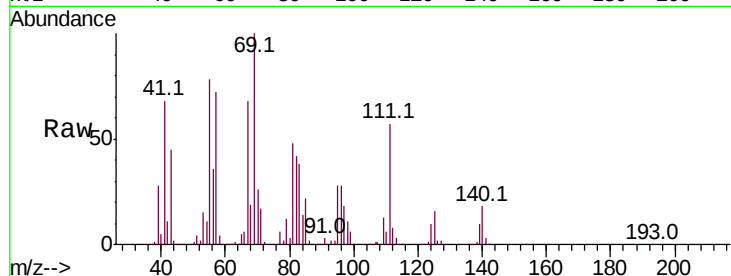
Tot Ion: 83 Resp: 66417

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 86.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 42.789 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013469.D

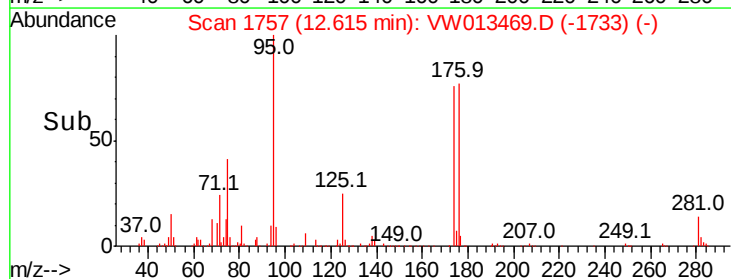
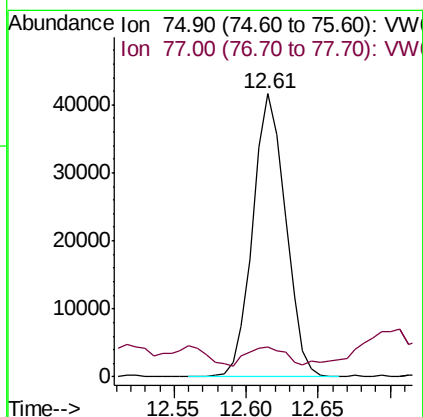
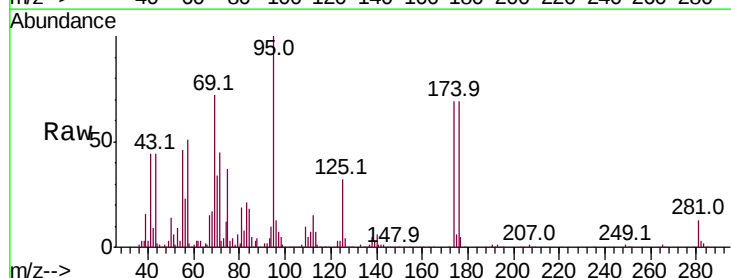
Acq: 07 Oct 2019 17:46

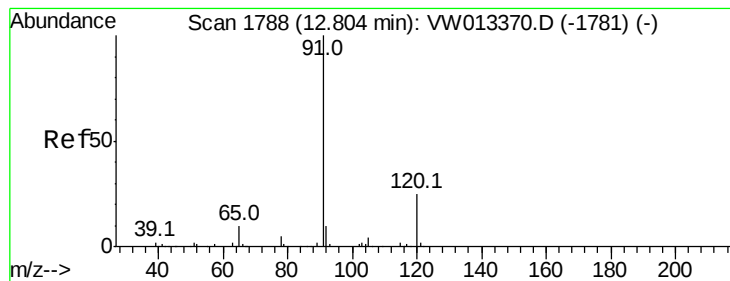
Tgt Ion: 75 Resp: 65409

Ion Ratio Lower Upper

75 100

77 7.9 0.0 0.0#





#78

n-propylbenzene

Concen: 1.002 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. 0.08 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

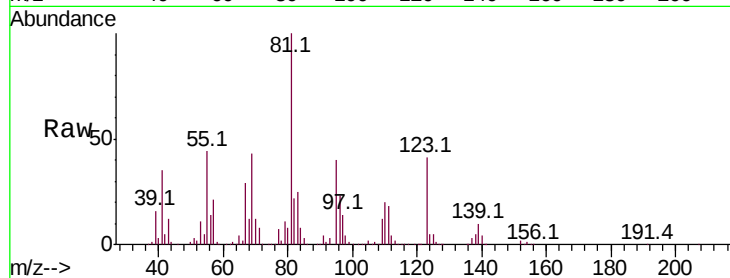
ClientSampleId :

Tot Ion: 91 Resp: 14500

Ion Ratio Lower Upper

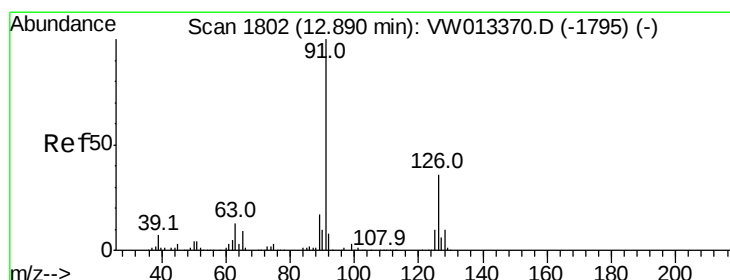
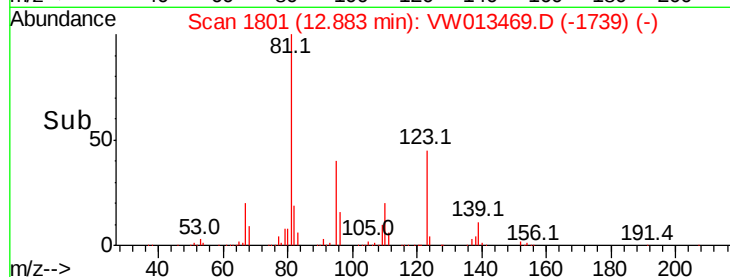
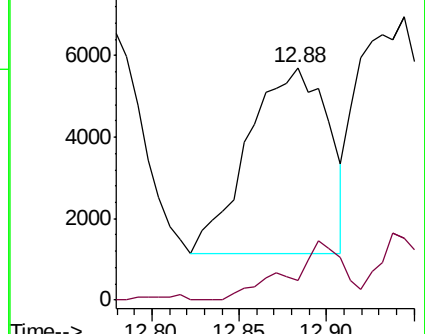
91 100

120 21.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.804 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VW013469.D

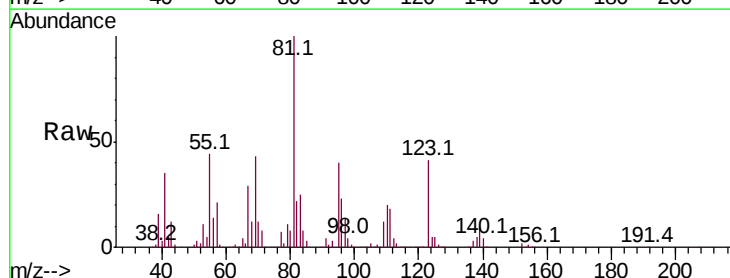
Acq: 07 Oct 2019 17:46

Tgt Ion: 91 Resp: 14500

Ion Ratio Lower Upper

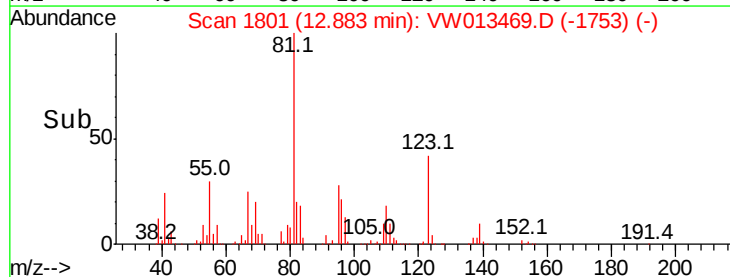
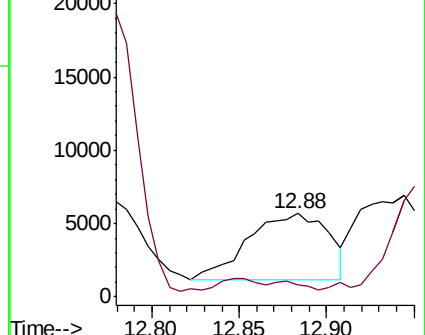
91 100

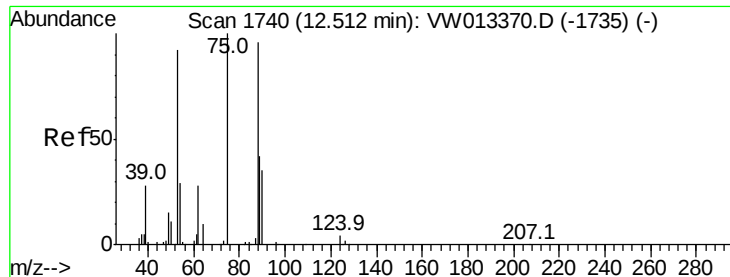
126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 87.546 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

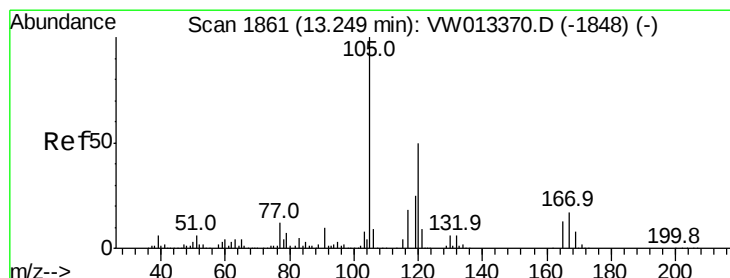
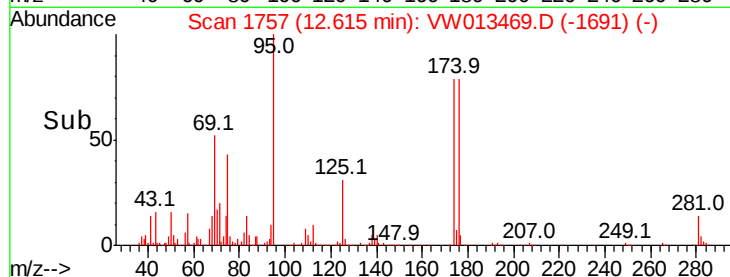
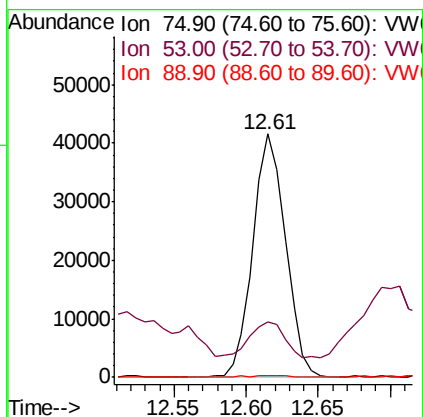
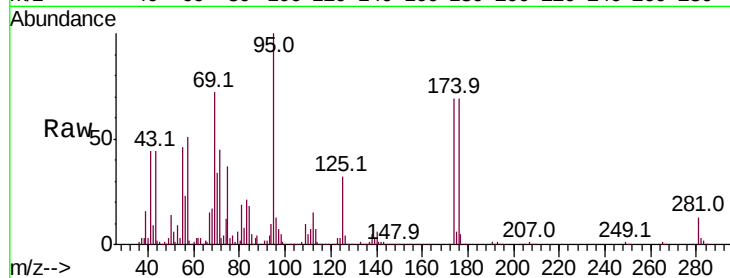
Tot Ion: 75 Resp: 65409

Ion Ratio Lower Upper

75 100

53 15.5 76.6 114.8#

89 0.7 33.5 50.3#



#84

1,2,4-Trimethylbenzene

Concen: 1.054 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013469.D

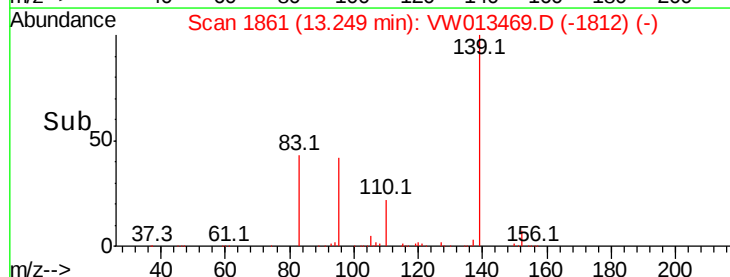
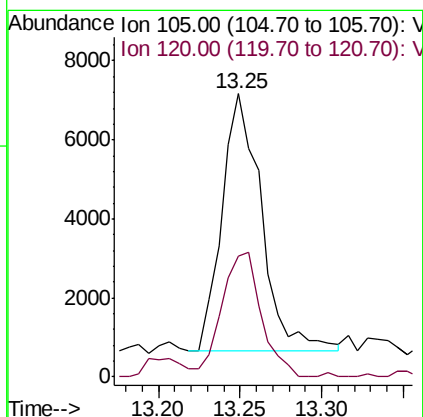
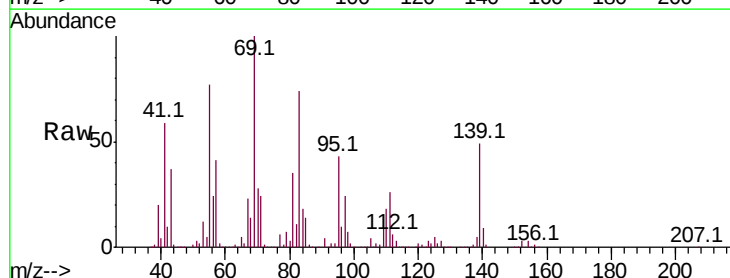
Acq: 07 Oct 2019 17:46

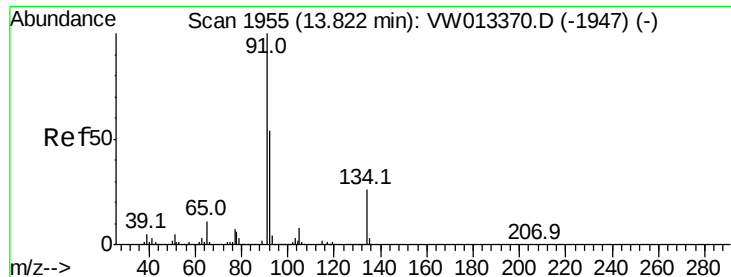
Tgt Ion:105 Resp: 10955

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.3

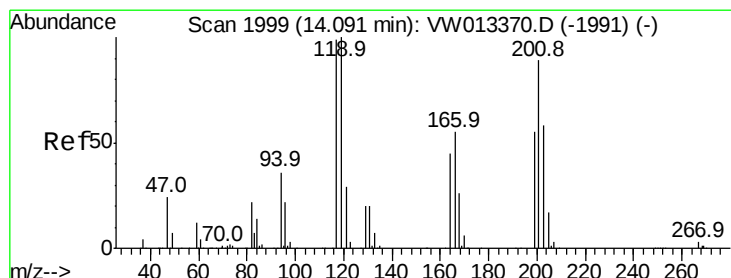
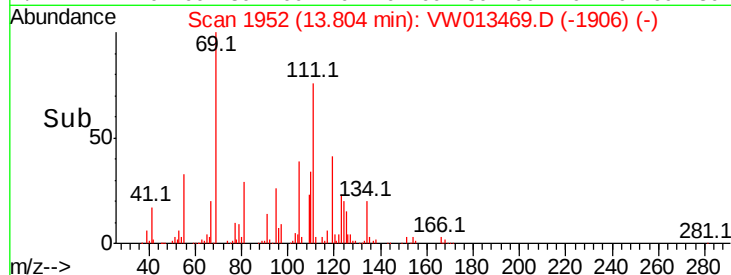
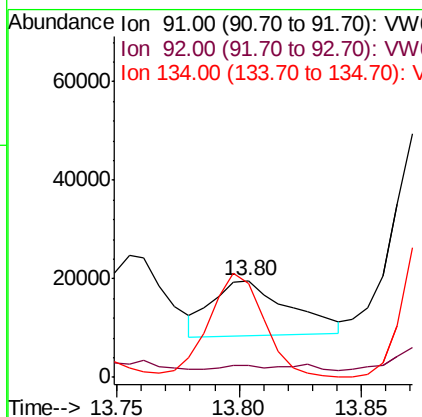
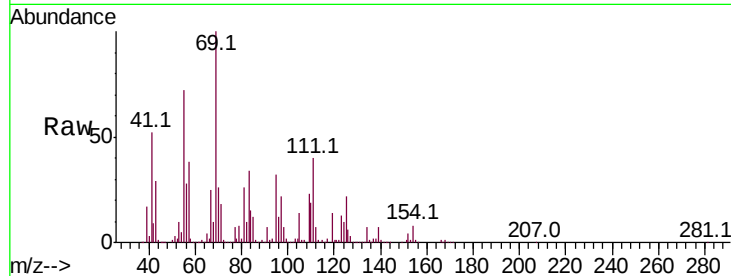




#89
n-Butylbenzene
Concen: 2.322 ug/l
RT: 13.80 min Scan# 1952
Delta R.T. -0.02 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

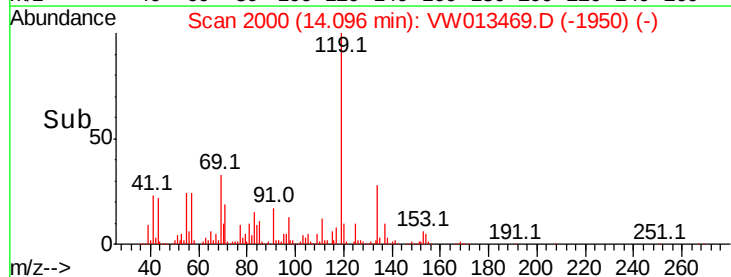
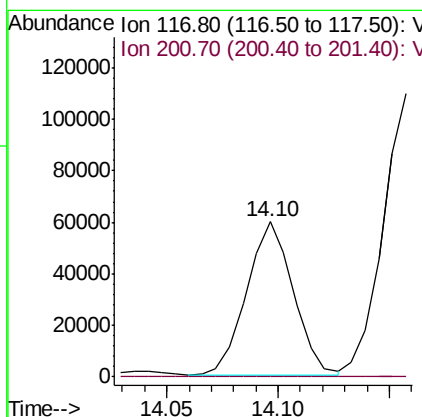
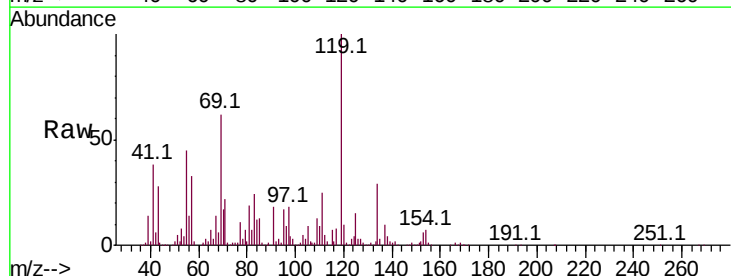
Instrument :
MSVOA_W
ClientSampled :

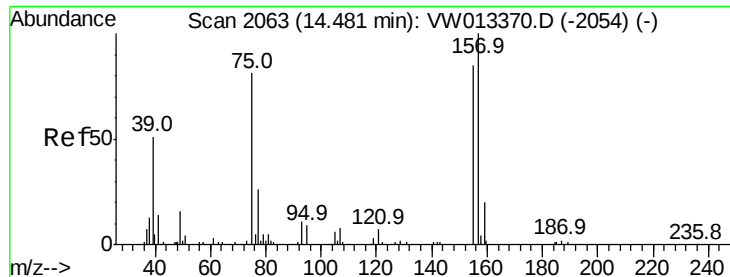
Tot Ion: 91 Resp: 24420
Ion Ratio Lower Upper
91 100
92 2.4 27.6 82.8#
134 135.2 13.7 41.1#



#90
Hexachloroethane
Concen: 45.121 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Tgt Ion: 117 Resp: 86950
Ion Ratio Lower Upper
117 100
201 0.0 44.5 133.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.912 ug/l

RT: 14.46 min Scan# 2059

Delta R.T. -0.02 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

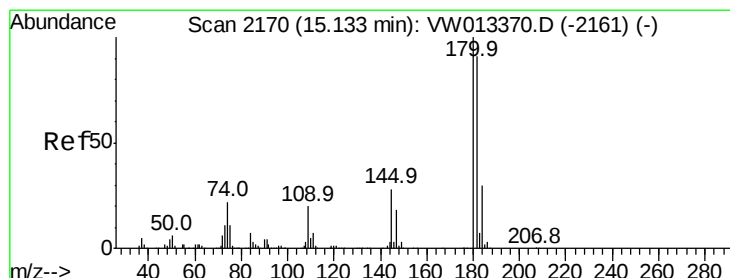
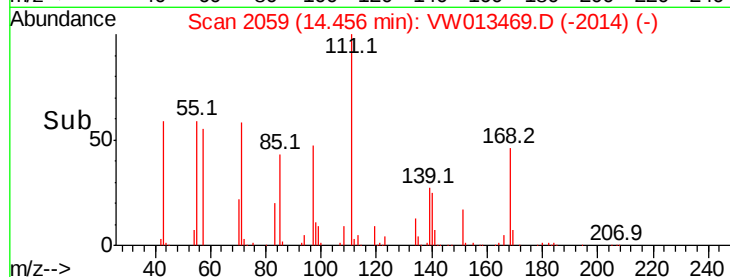
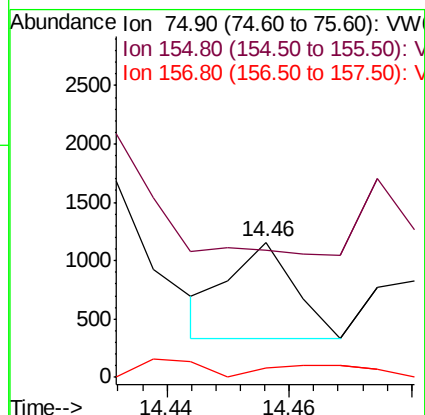
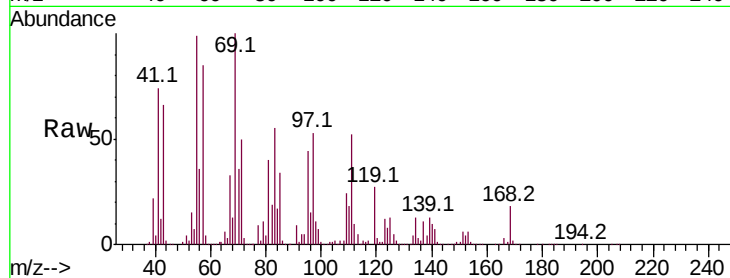
Tot Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

155 113.3 46.1 138.3

157 21.0 60.4 181.2#



#93

1,2,4-Trichlorobenzene

Concen: 2.780 ug/l

RT: 15.14 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW013469.D

Acq: 07 Oct 2019 17:46

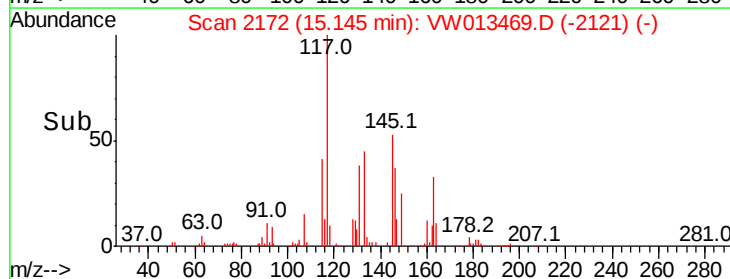
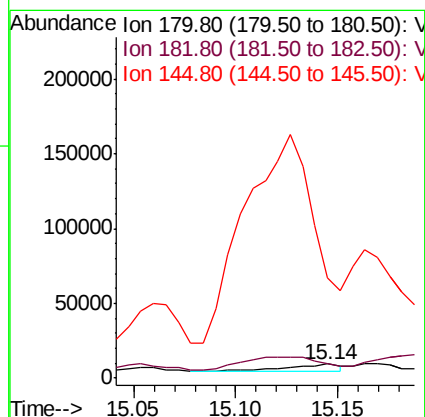
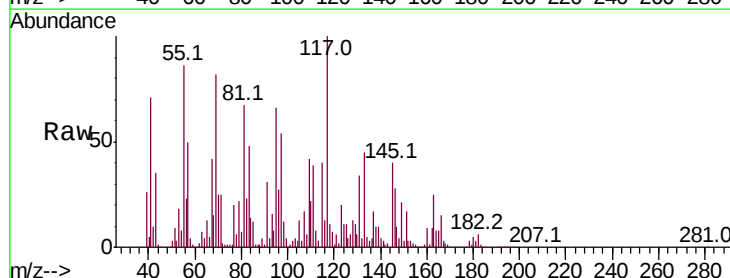
Tgt Ion:180 Resp: 10023

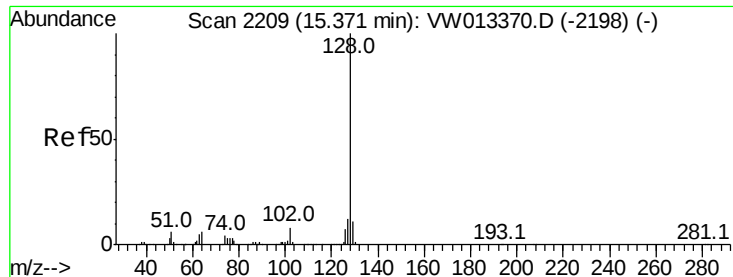
Ion Ratio Lower Upper

180 100

182 242.2 47.3 142.0#

145 4323.5 14.2 42.8#

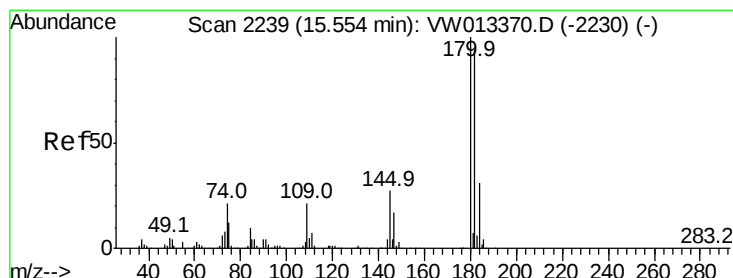
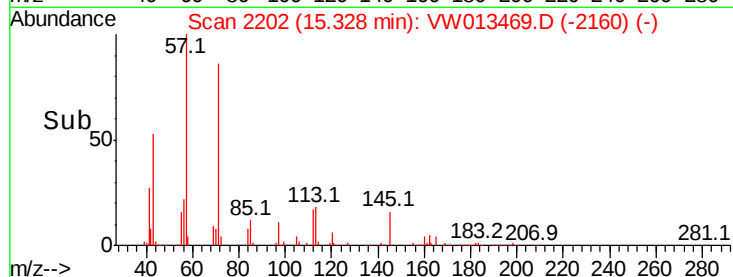
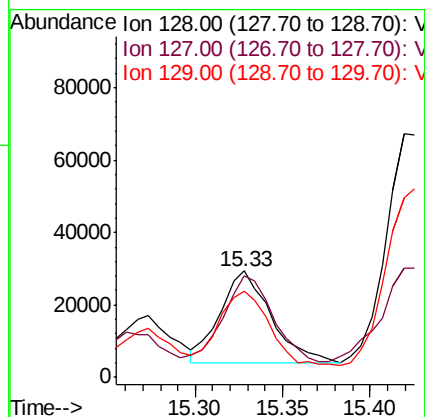
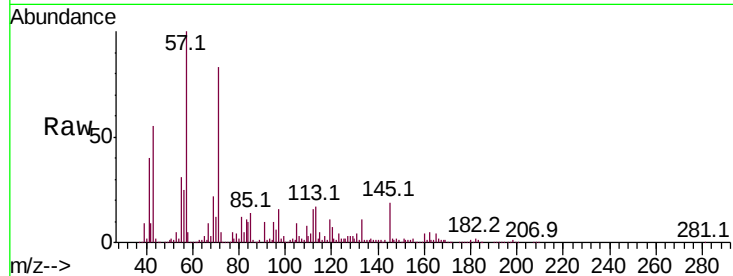




#95
Naphthalene
Concen: 8.366 ug/l
RT: 15.33 min Scan# 2202
Delta R.T. -0.04 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 50883
Ion Ratio Lower Upper
128 100
127 91.1 10.6 15.8#
129 79.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 5.899 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VW013469.D
Acq: 07 Oct 2019 17:46

Tgt Ion:180 Resp: 18570
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.7#
145 1761.6 15.0 45.0#

