

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010668.D
 Acq On : 03 Jun 2019 19:11
 Operator : SY/VA
 Sample : K3165-03
 Misc : 1.03G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:40:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	184753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	58994	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	59605	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	10.32	98	184268	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	
62) 4-Bromofluorobenzene	12.62	95	57063	33.45	ug/l	0.00
Spiked Amount			Recovery	=	66.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	221	Below Cal	#	42
13) Acrolein	4.14	56	142	Below Cal	#	1
16) Acetone	4.13	43	514022	2353.513	ug/l	100
17) Carbon Disulfide	4.38	76	9101	2.787	ug/l #	92
18) Methyl Acetate	4.68	43	958	1.793	ug/l #	63
20) Methylene Chloride	4.92	84	3469	Below Cal		88
25) 2-Butanone	7.18	43	1928	6.168	ug/l	94
31) Cyclohexane	7.94	56	2098	1.033	ug/l #	6
36) 1,1-Dichloropropene	7.94	75	7610	4.422	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10343	5.571	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1568	2.116	ug/l	94
52) Toluene	10.39	92	1091172	339.659	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	11581	6.849	ug/l #	1
59) 2-Hexanone	10.93	43	1575	2.980	ug/l #	24
67) Ethyl Benzene	11.73	91	28480	6.177	ug/l	98
68) m/p-Xylenes	11.84	106	85865	47.481	ug/l	99
69) o-Xylene	12.16	106	49770	29.048	ug/l	100
70) Styrene	12.17	104	3589	1.235	ug/l #	1
73) Isopropylbenzene	12.47	105	9880	2.723	ug/l	98
74) N-amyl acetate	12.25	43	8417	10.125	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.79	83	1901	2.881	ug/l #	26
76) 1,2,3-Trichloropropane	12.87	75	1313	2.829	ug/l #	1
78) n-propylbenzene	12.80	91	45546	10.773	ug/l	99
79) 2-Chlorotoluene	12.87	91	18847	7.687	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.94	105	79249	25.793	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	25501	114.690	ug/l #	14
82) 4-Chlorotoluene	12.94	91	8588	3.375	ug/l #	47
83) tert-Butylbenzene	13.26	119	47186	17.582	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.25	105	386498	126.303	ug/l	99
85) sec-Butylbenzene	13.38	105	34449	9.172	ug/l	87
86) p-Isopropyltoluene	13.50	119	25306	7.444	ug/l	99
89) n-Butylbenzene	13.83	91	69416	21.467	ug/l #	79
90) Hexachloroethane	14.10	117	21506	32.684	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.51	75	478	3.896	ug/l #	1

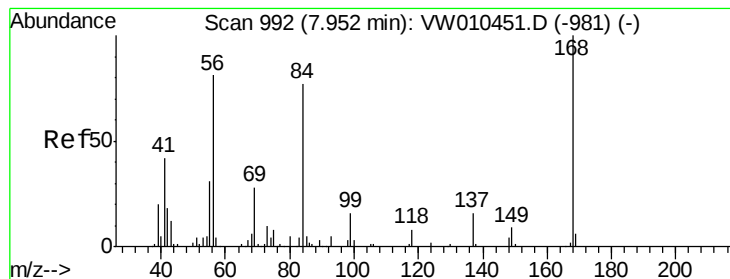
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
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ClientSampleId :

Quant Time: Jun 04 07:40:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	14791	14.980	ug/l #	1
95) Naphthalene	15.37	128	183866	88.709	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.58	180	11895	14.000	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

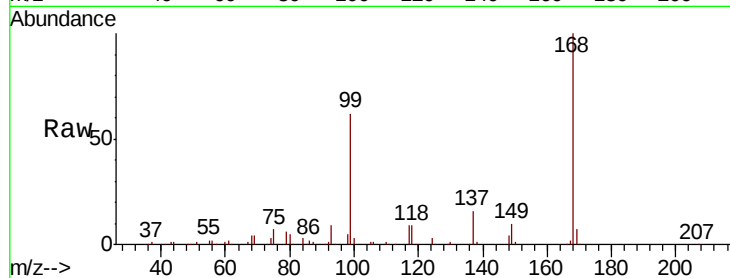
ClientSampled :

Tot Ion:168 Resp: 103663

Ion Ratio Lower Upper

168 100

99 61.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

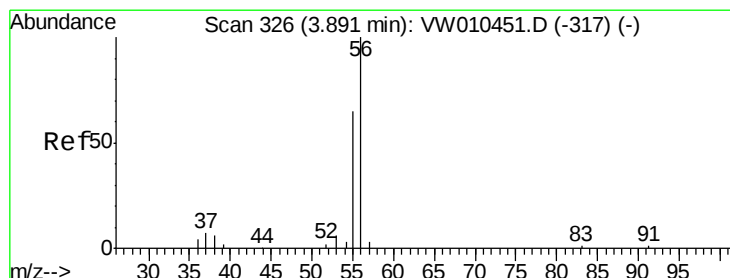
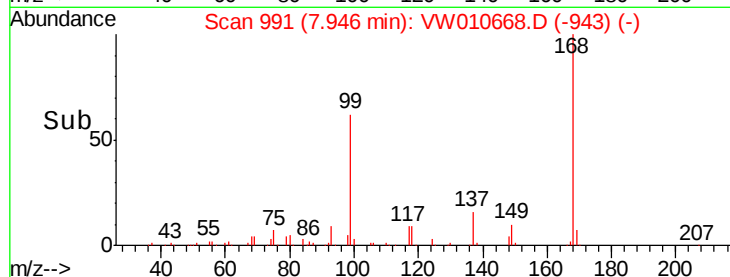
30000

20000

10000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. 0.24 min

Lab File: VW010668.D

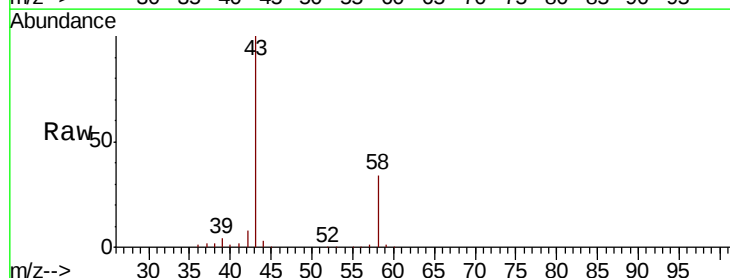
Acq: 03 Jun 2019 19:11

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 1204.9 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

800

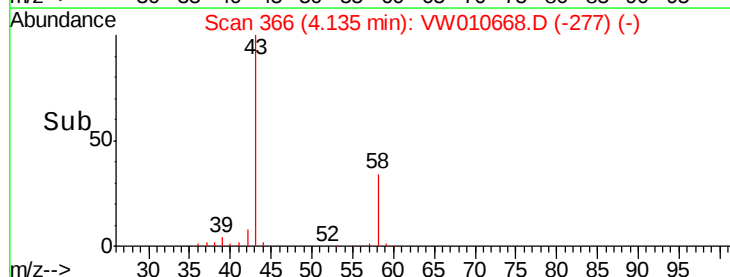
600

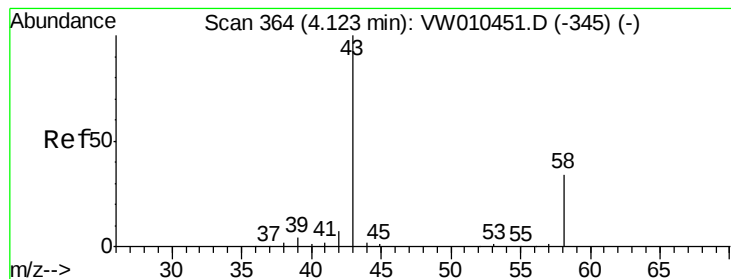
400

200

0

Time-->





#16

Acetone

Concen: 2353.513 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

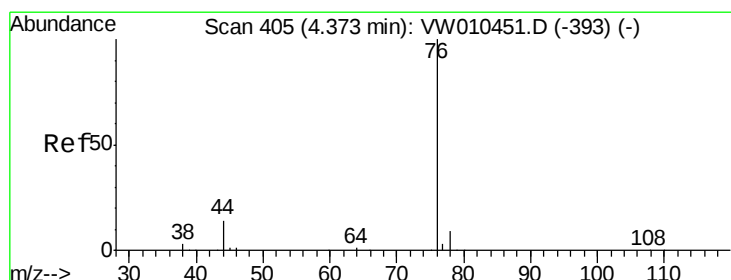
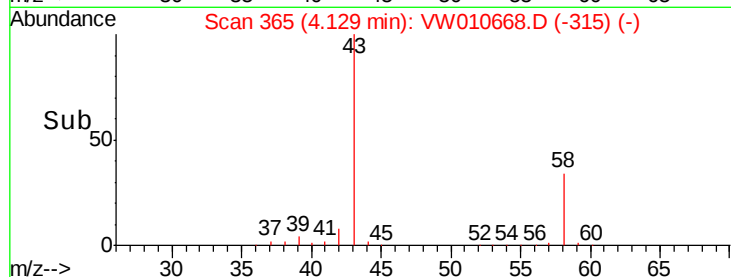
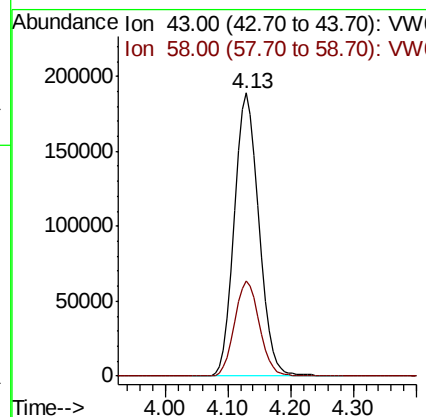
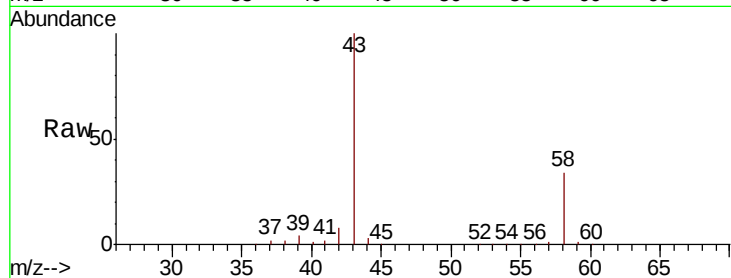
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 514022

Ion Ratio Lower Upper

43 100

58 33.6 27.0 40.4



#17

Carbon Disulfide

Concen: 2.787 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010668.D

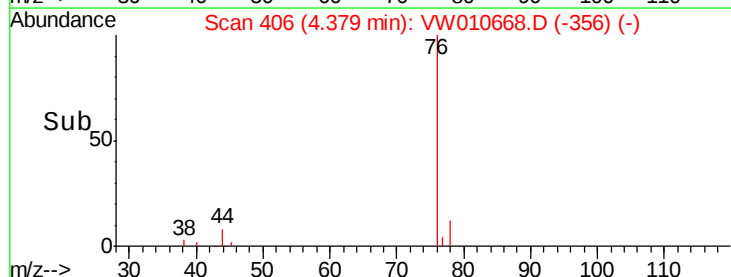
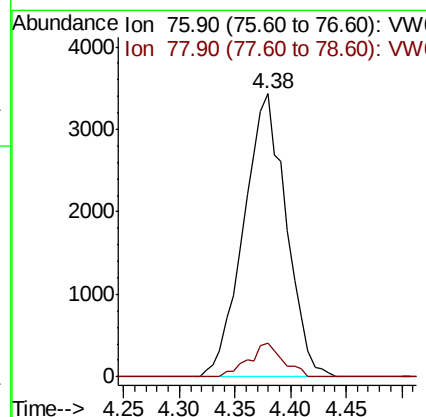
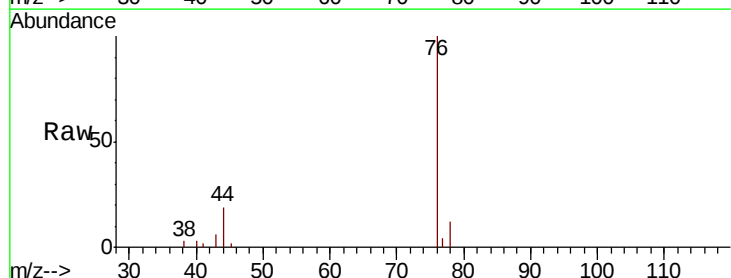
Acq: 03 Jun 2019 19:11

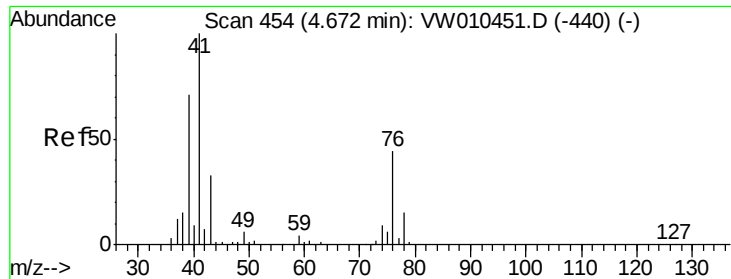
Tgt Ion: 76 Resp: 9101

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#

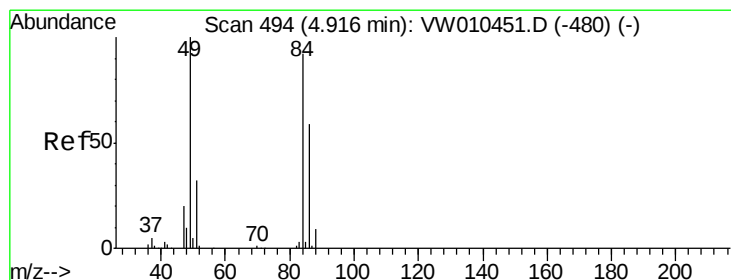
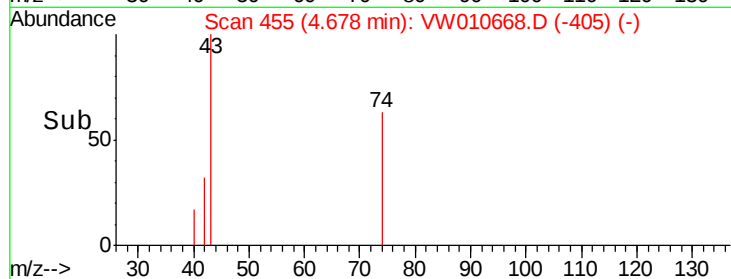
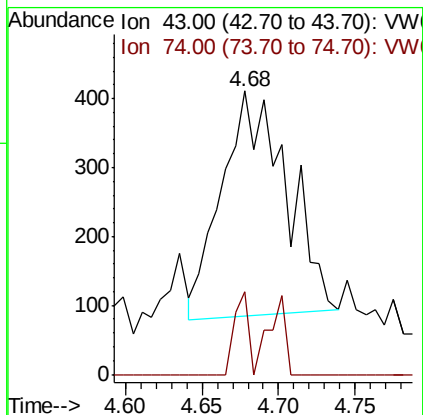
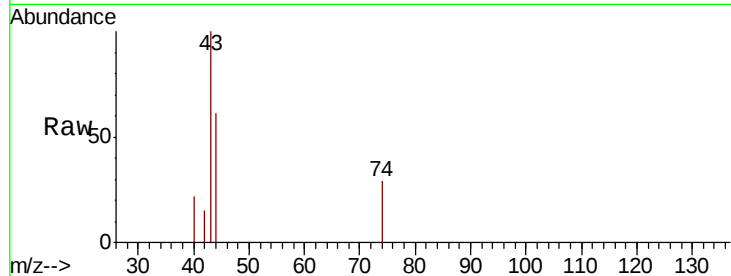




#18
Methyl Acetate
Concen: 1.793 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

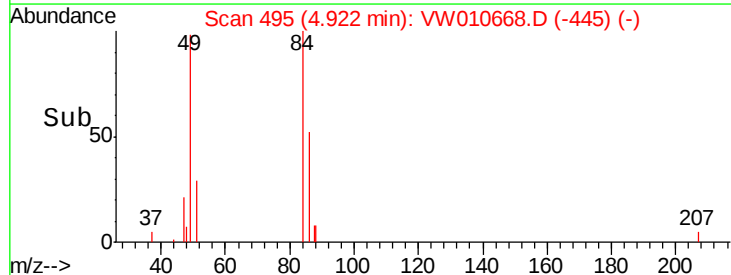
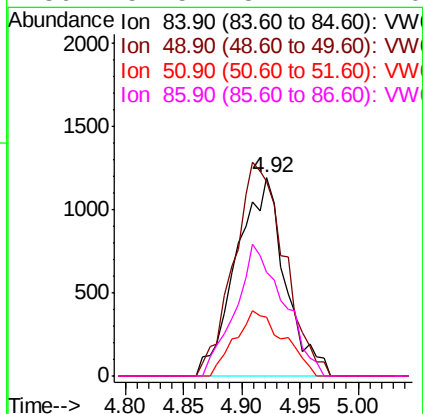
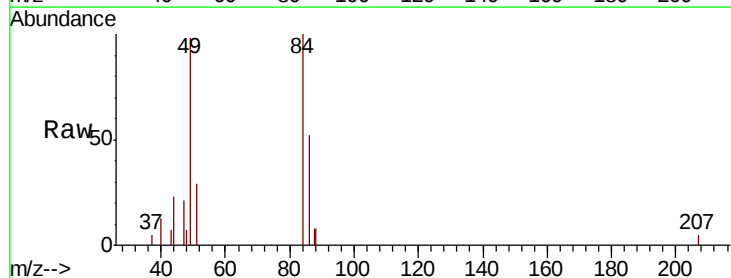
Instrument :
MSVOA_W
ClientSampled :

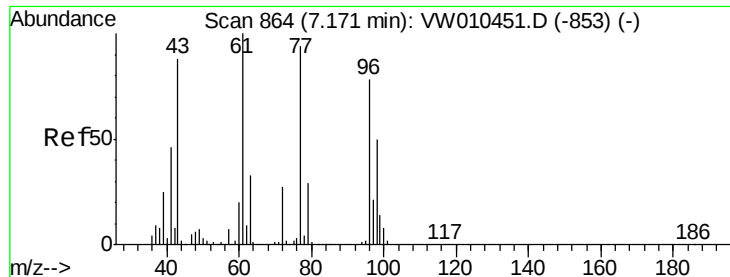
Tot Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
74 7.9 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion: 84 Resp: 3469
Ion Ratio Lower Upper
84 100
49 98.1 87.2 130.8
51 29.4 27.7 41.5
86 52.5 51.4 77.0





#25

2-Butanone

Concen: 6.168 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

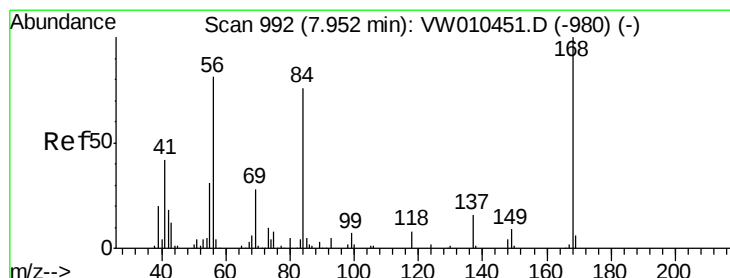
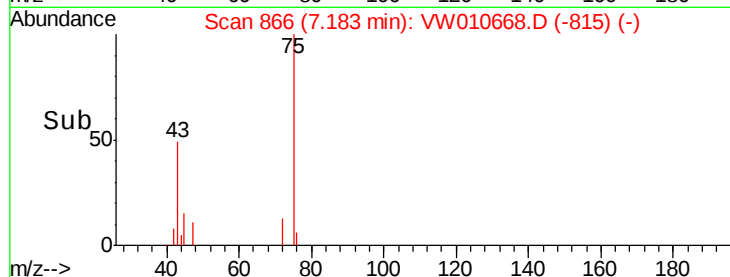
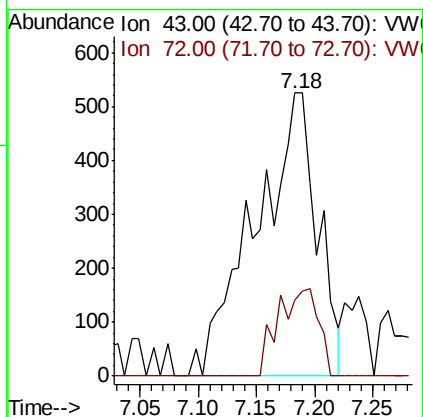
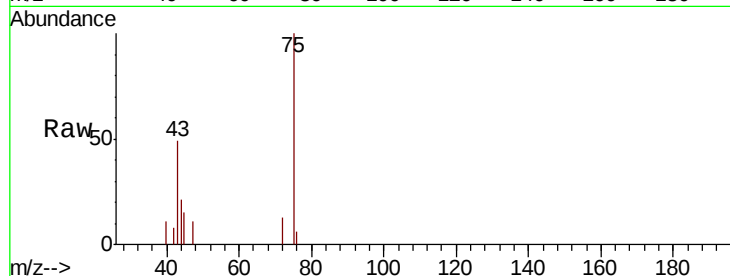
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

72 26.7 24.1 36.1



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

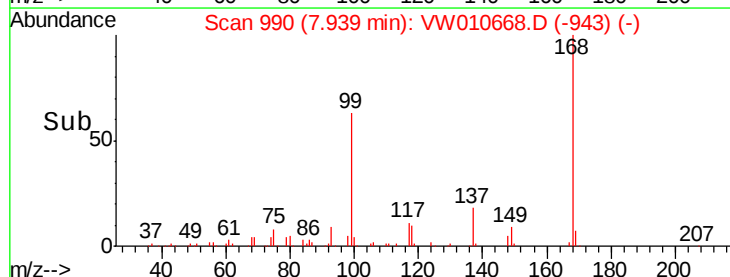
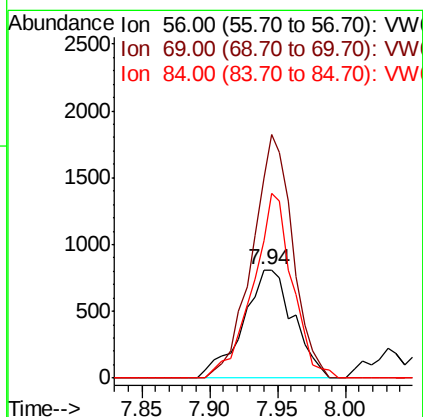
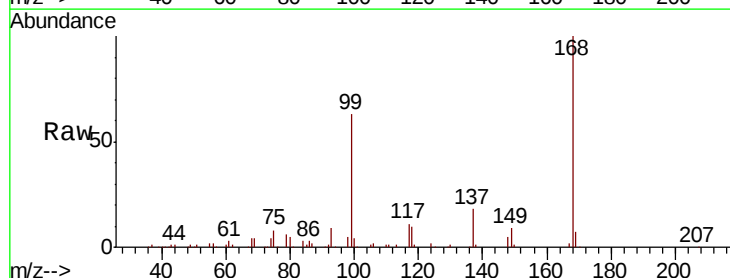
Tgt Ion: 56 Resp: 2098

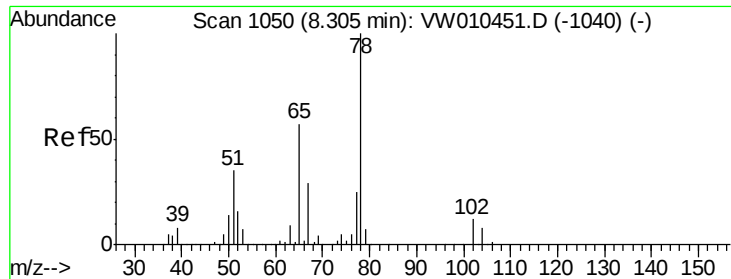
Ion Ratio Lower Upper

56 100

69 185.3 28.2 42.2#

84 126.9 75.8 113.8#

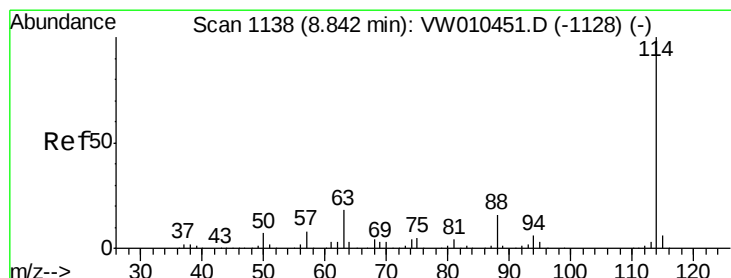
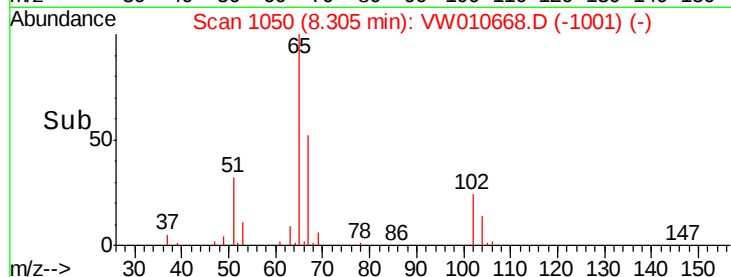
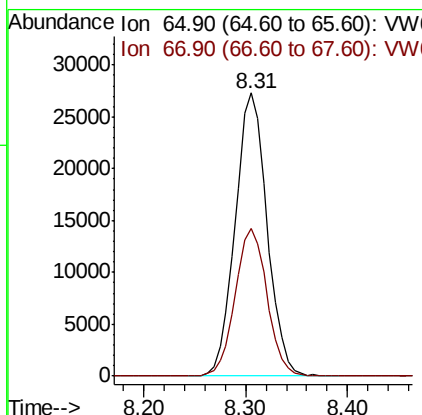
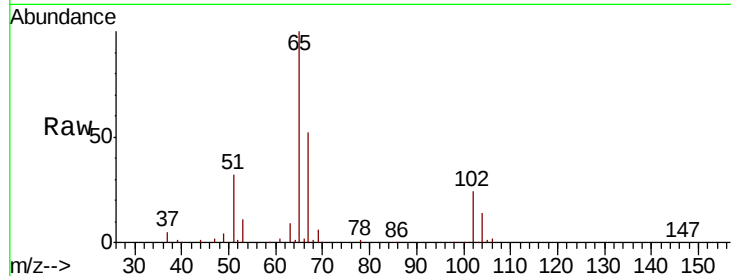




#33
 1,2-Dichloroethane-d4
 Concen: 55.136 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

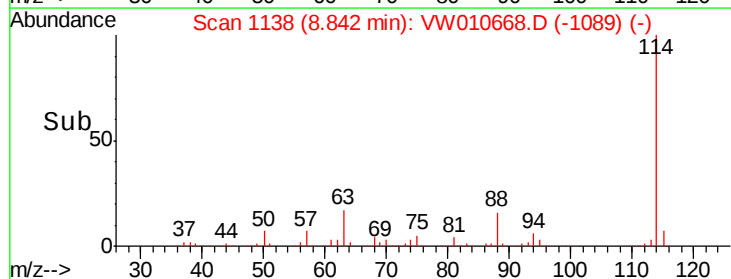
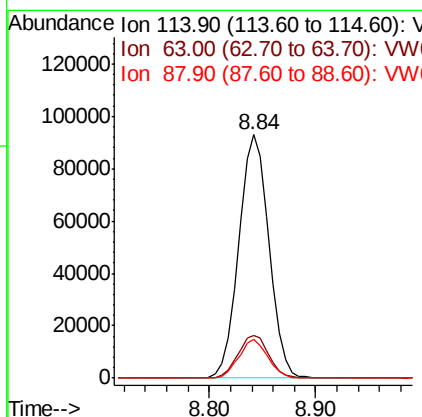
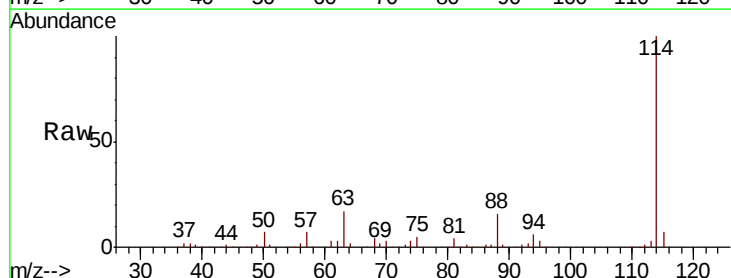
Instrument :
 MSVOA_W
 ClientSampleId :

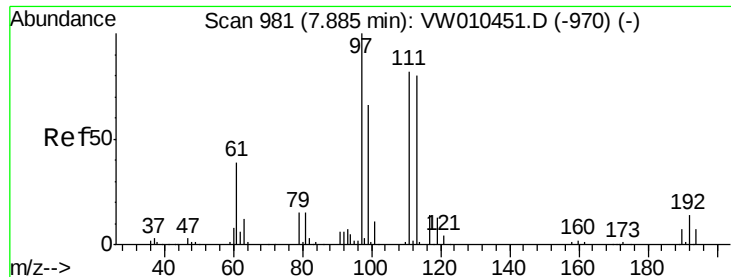
Tot Ion: 65 Resp: 58994
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

Tgt Ion: 114 Resp: 184753
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.0
 88 15.7 0.0 32.0

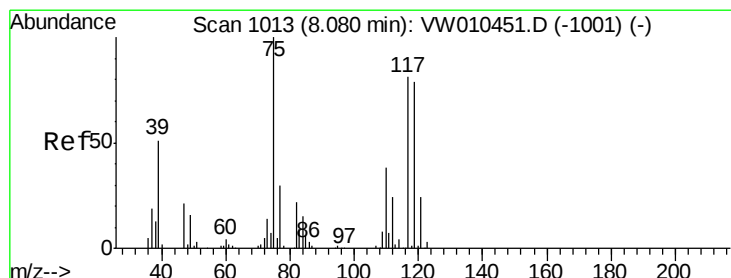
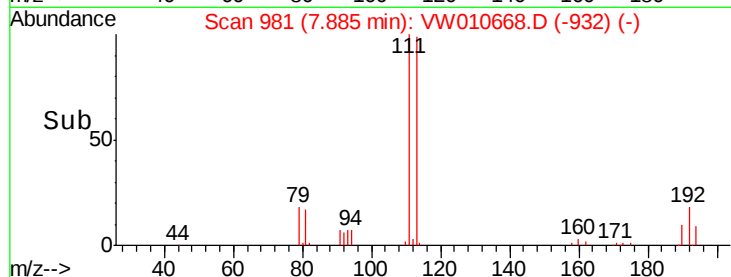
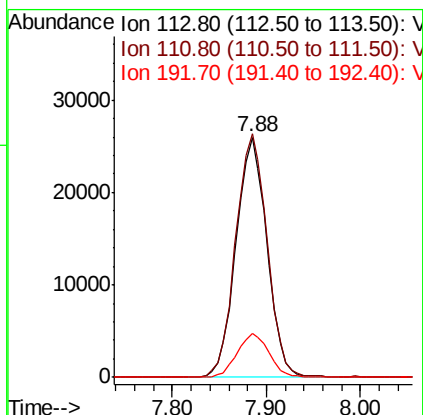
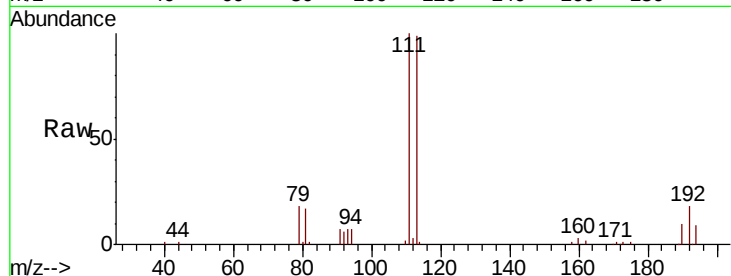




#35
 Dibromofluoromethane
 Concen: 53.169 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

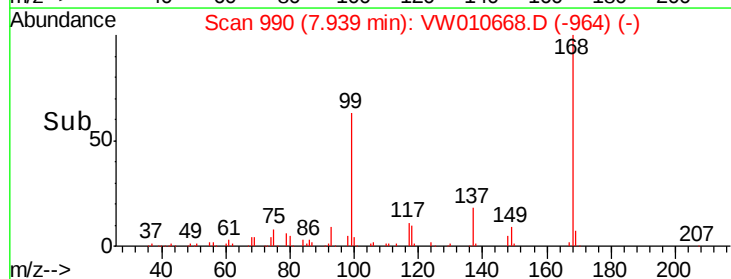
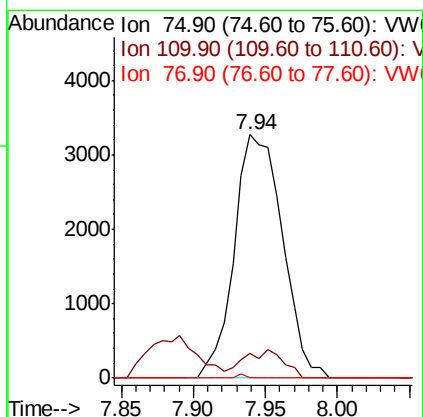
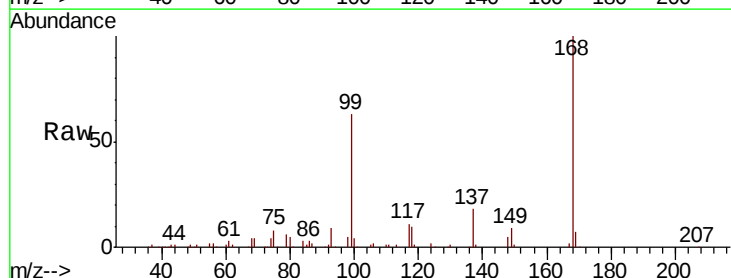
Instrument :
 MSVOA_W
 ClientSampleId :

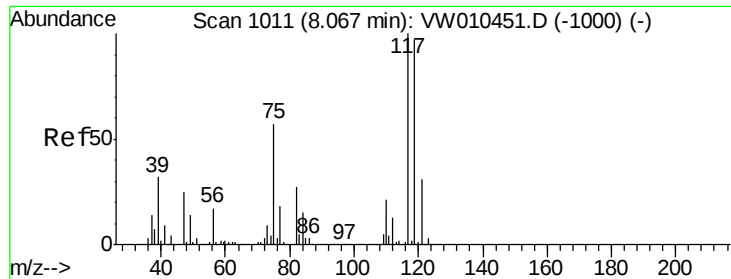
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.6	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.2	57.6#
77	0.2	25.2	37.8#

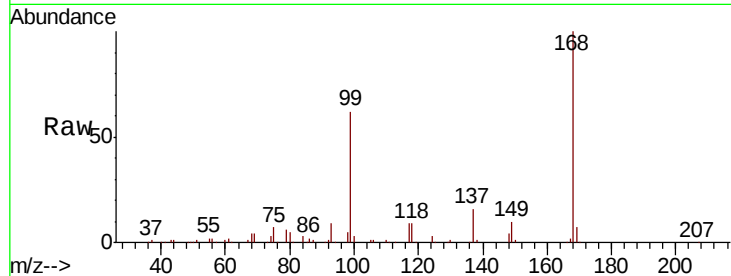




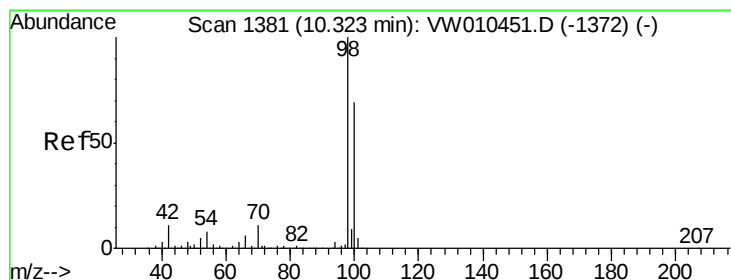
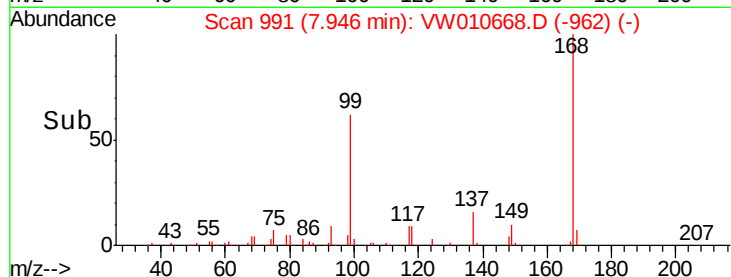
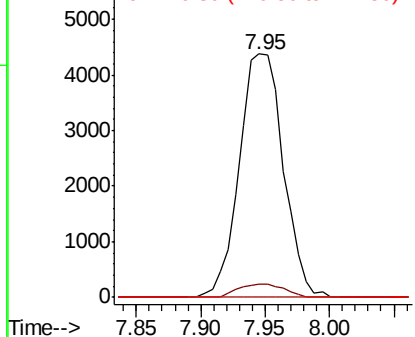
#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10343
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 25.0 37.6#

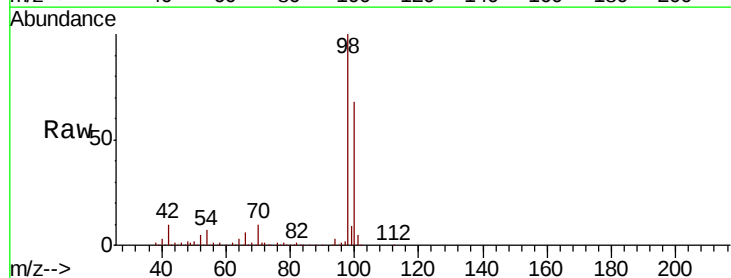


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

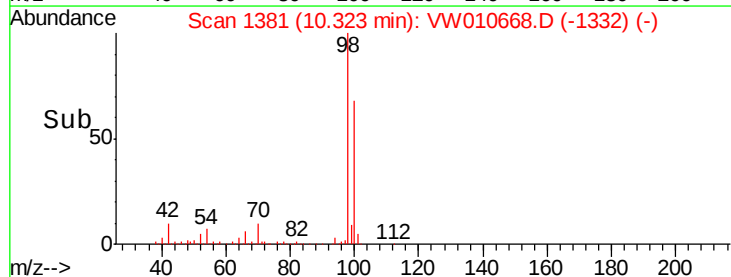
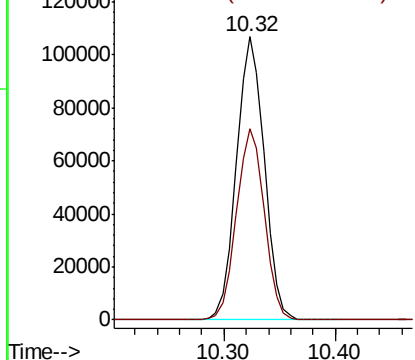


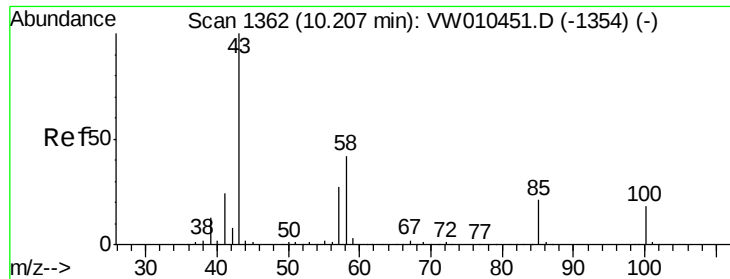
#50
Toluene-d8
Concen: 43.027 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion: 98 Resp: 184268
Ion Ratio Lower Upper
98 100
100 67.8 53.7 80.5



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: 2.116 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

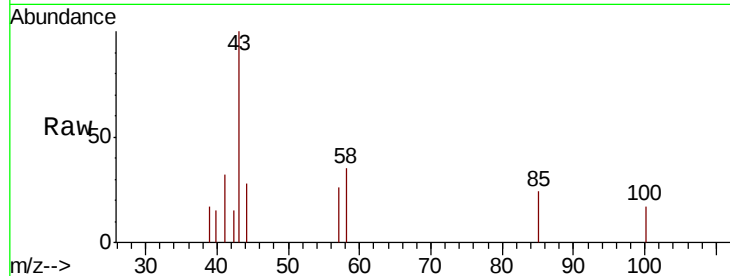
ClientSampled :

Tot Ion: 43 Resp: 1568

Ion Ratio Lower Upper

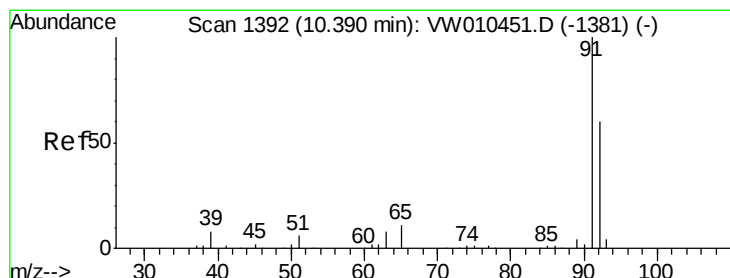
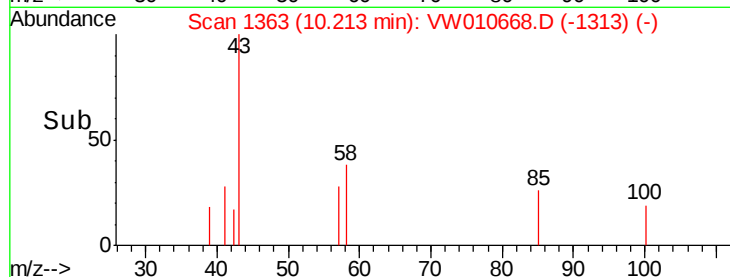
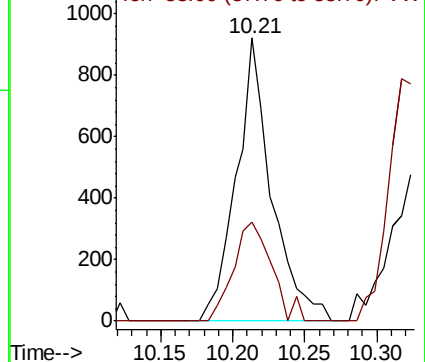
43 100

58 38.0 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 339.659 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010668.D

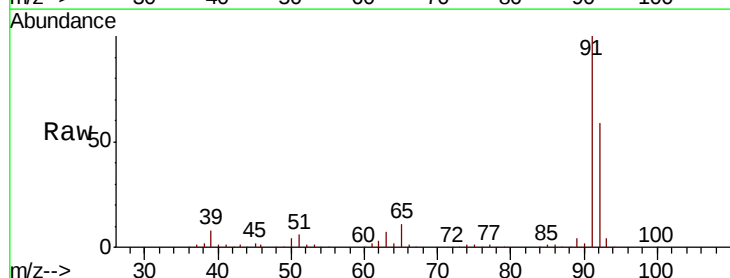
Acq: 03 Jun 2019 19:11

Tgt Ion: 92 Resp: 1091172

Ion Ratio Lower Upper

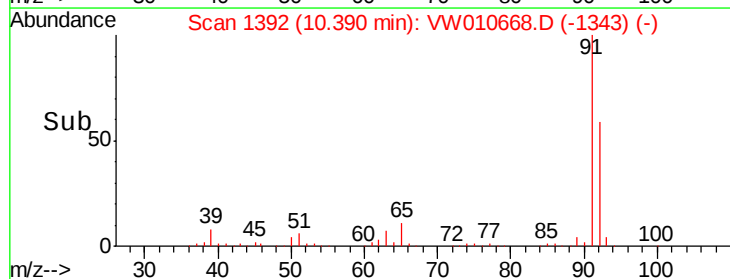
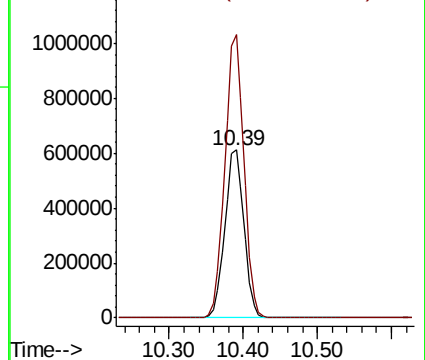
92 100

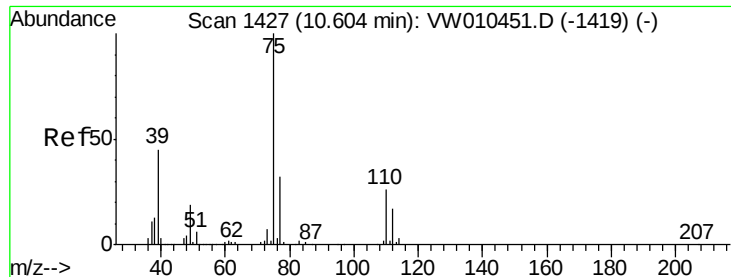
91 167.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

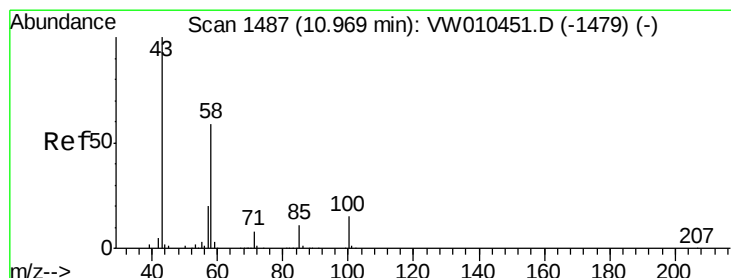
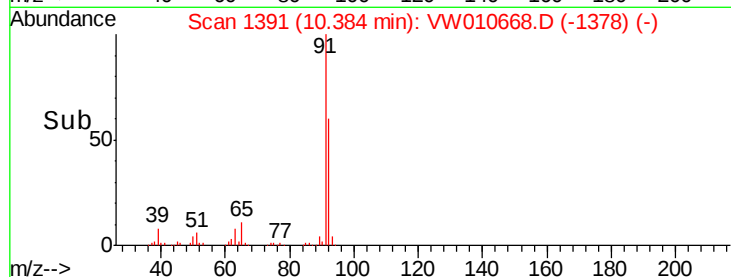
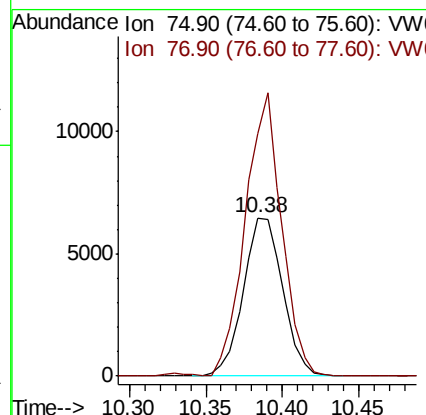
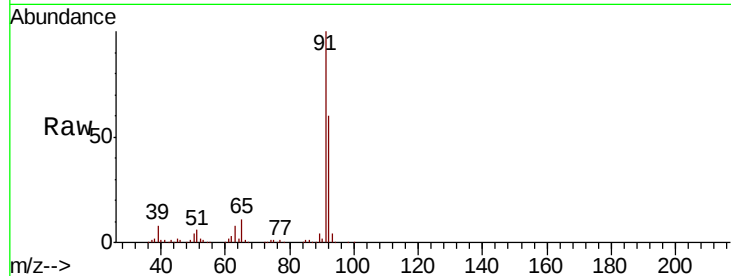




#53
t-1,3-Dichloropropene
Concen: 6.849 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.22 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

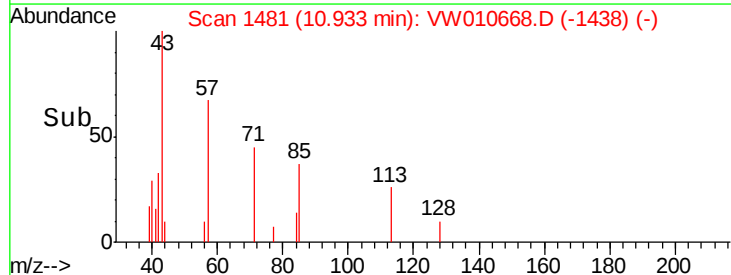
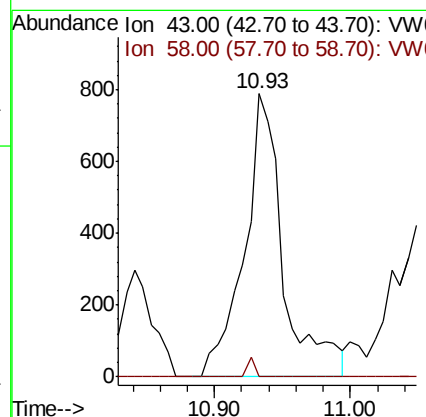
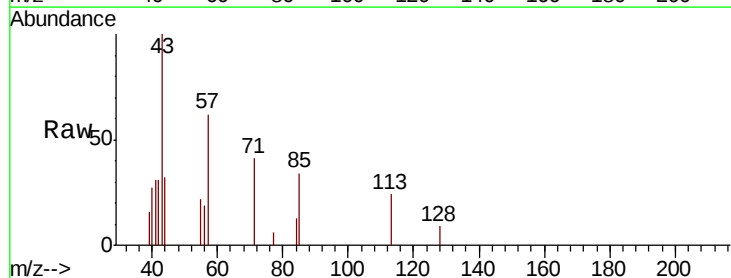
Instrument :
MSVOA_W
ClientSampled :

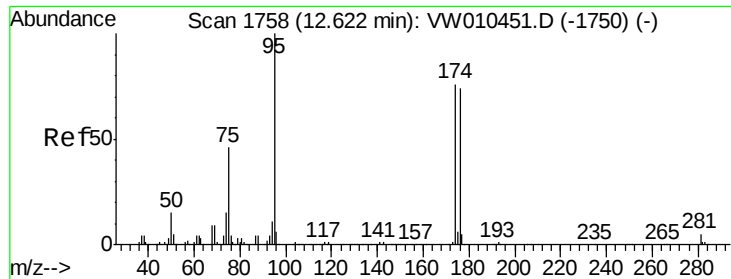
Tot Ion: 75 Resp: 11581
Ion Ratio Lower Upper
75 100
77 152.8 25.4 38.0#



#59
2-Hexanone
Concen: 2.980 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 1.3 28.9 86.8#

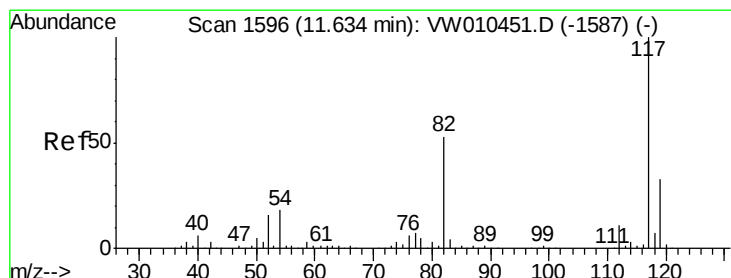
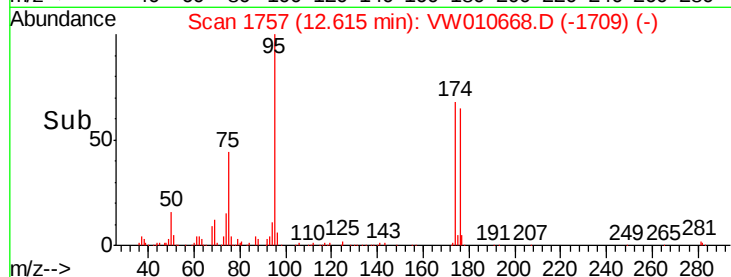
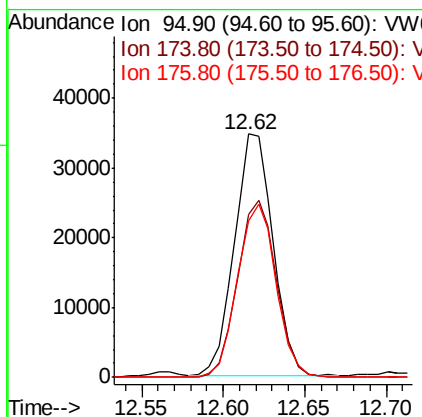
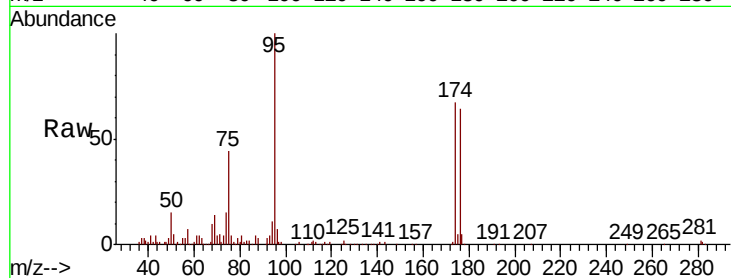




#62
4-Bromofluorobenzene
Concen: 33.451 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

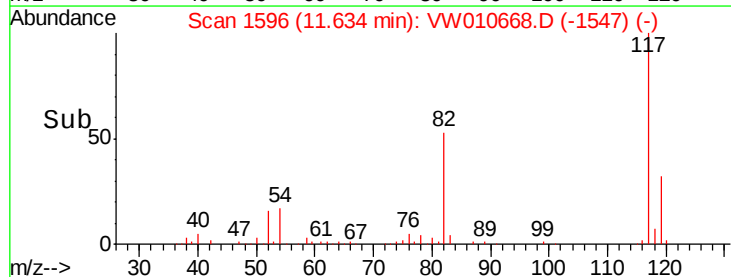
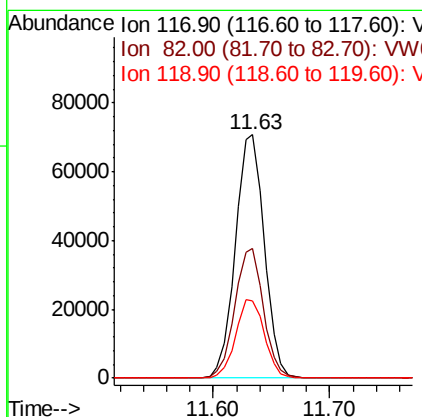
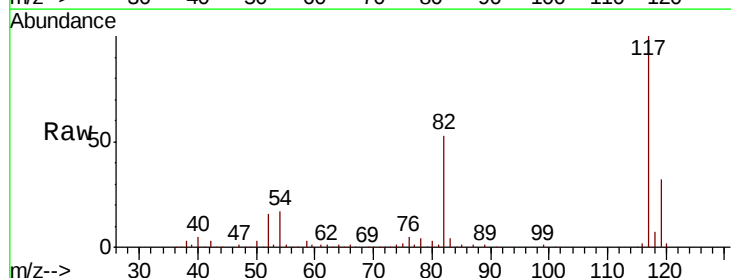
Instrument :
MSVOA_W
ClientSampleId :

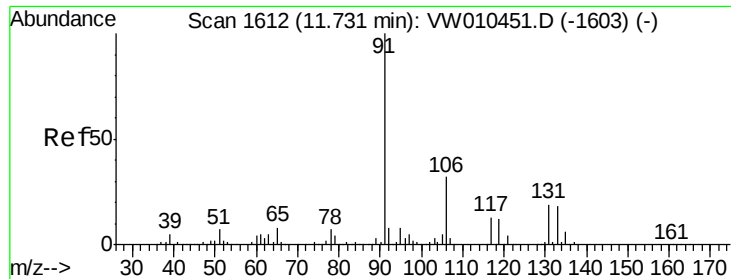
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	148.6
176	71.4	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.8	64.2
119	31.6	26.3	39.5

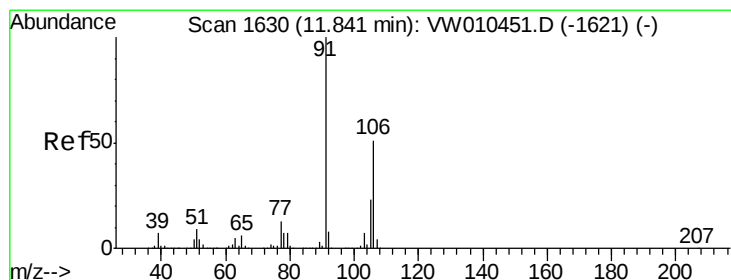
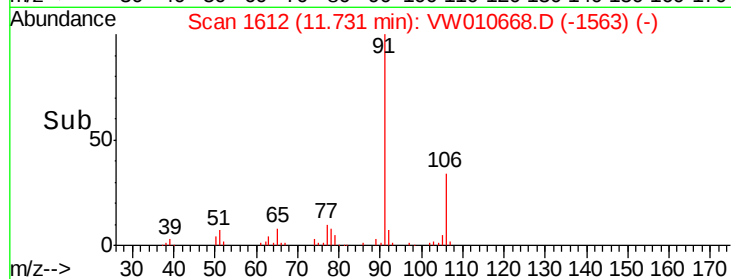
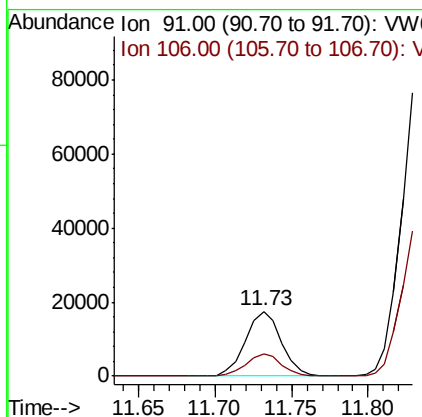
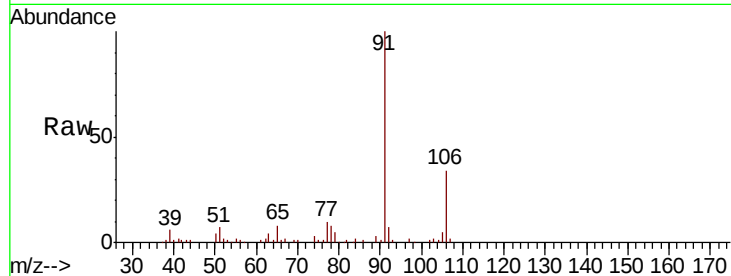




#67
Ethyl Benzene
Concen: 6.177 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

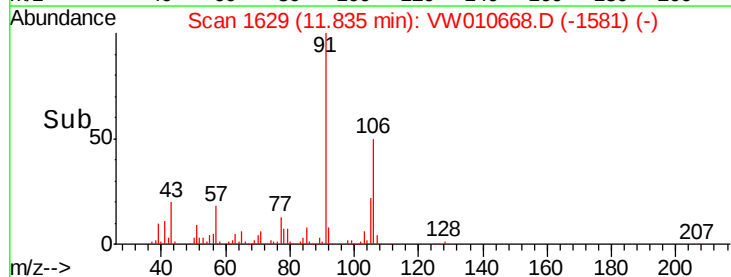
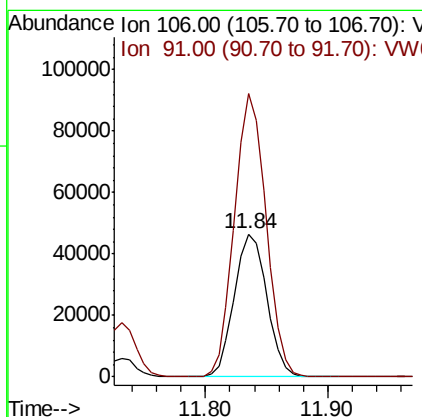
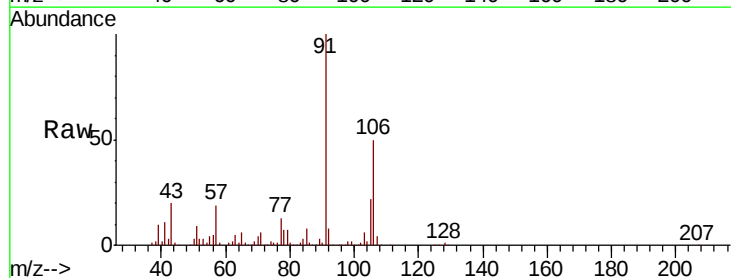
Instrument :
MSVOA_W
ClientSampled :

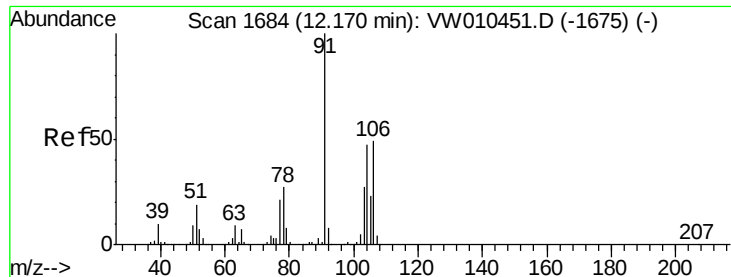
Tot Ion: 91 Resp: 28480
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



#68
m/p-Xylenes
Concen: 47.481 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion: 106 Resp: 85865
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

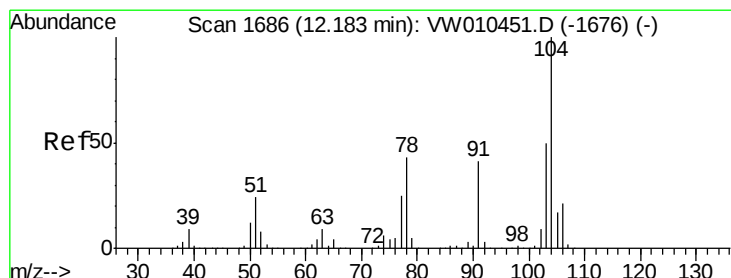
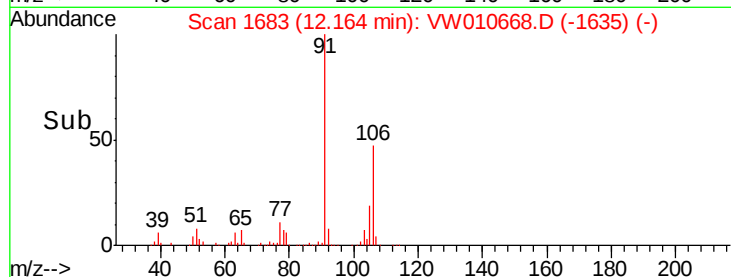
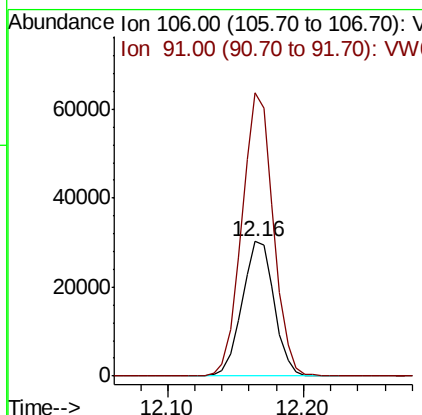
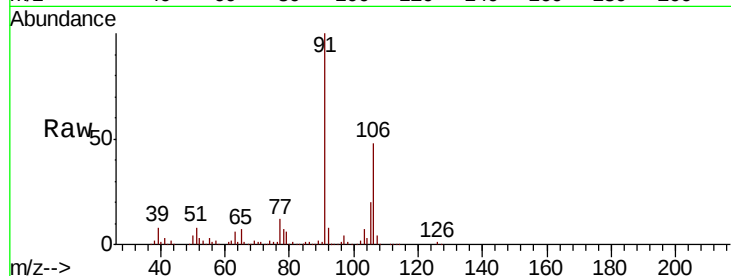




#69
o-Xylene
Concen: 29.048 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

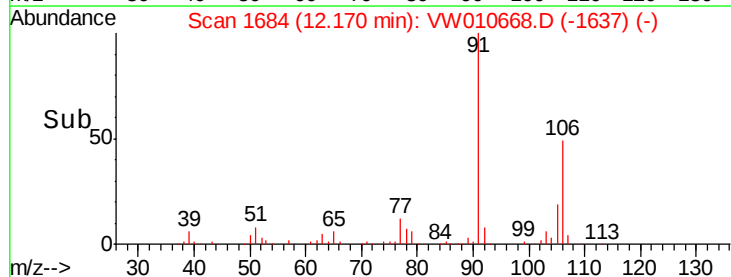
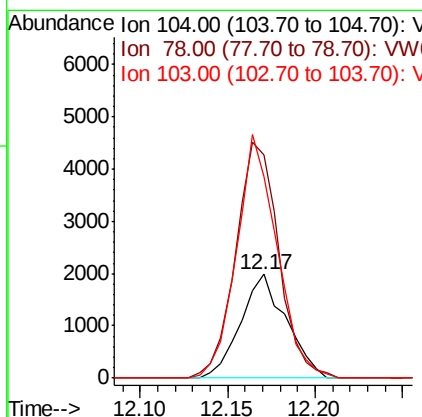
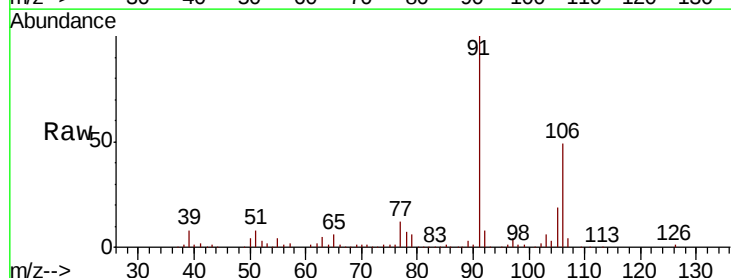
Instrument :
MSVOA_W
ClientSampled :

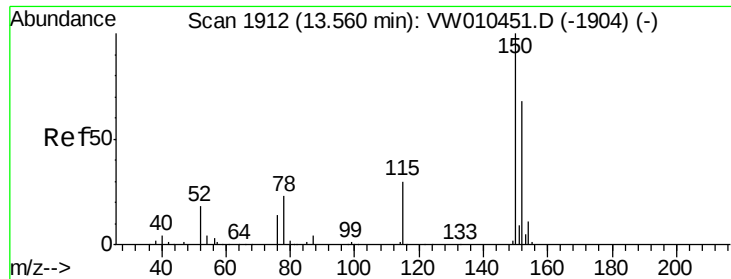
Tot Ion:106 Resp: 49770
Ion Ratio Lower Upper
106 100
91 206.1 103.2 309.4



#70
Styrene
Concen: 1.235 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion:104 Resp: 3589
Ion Ratio Lower Upper
104 100
78 215.4 39.0 58.4#
103 208.2 43.0 64.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

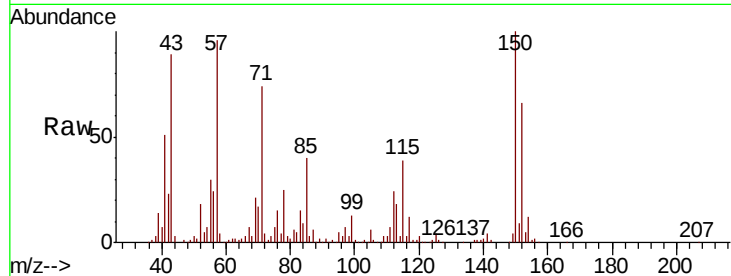
Tot Ion:152 Resp: 45716

Ion Ratio Lower Upper

152 100

115 76.9 30.3 91.0

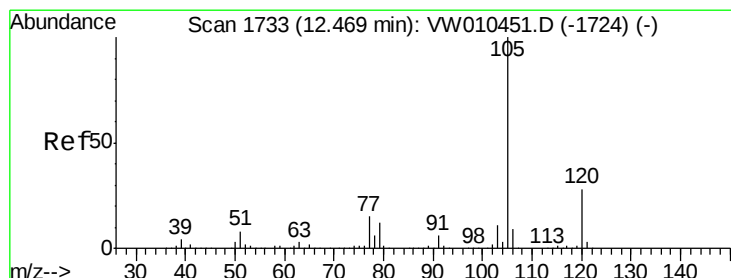
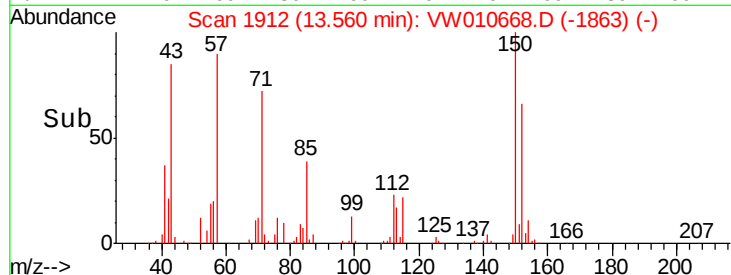
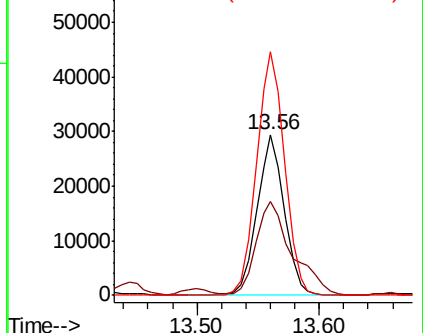
150 155.0 0.0 349.8



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



#73

Isopropylbenzene

Concen: 2.723 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010668.D

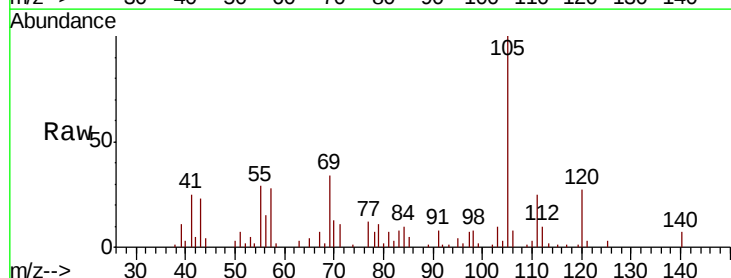
Acq: 03 Jun 2019 19:11

Tgt Ion:105 Resp: 9880

Ion Ratio Lower Upper

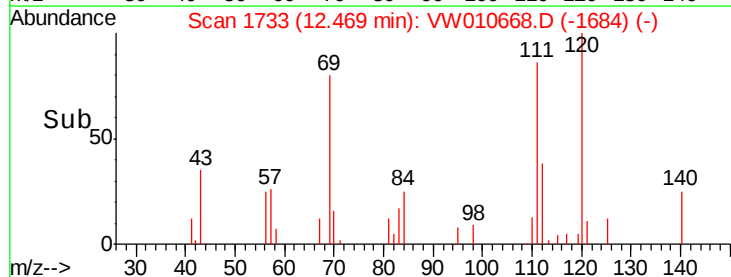
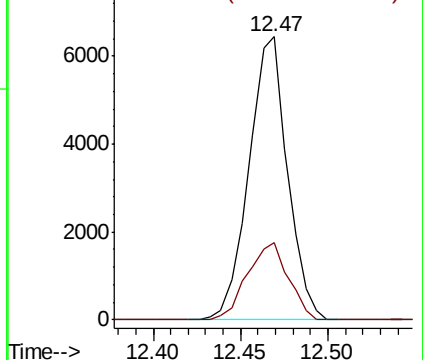
105 100

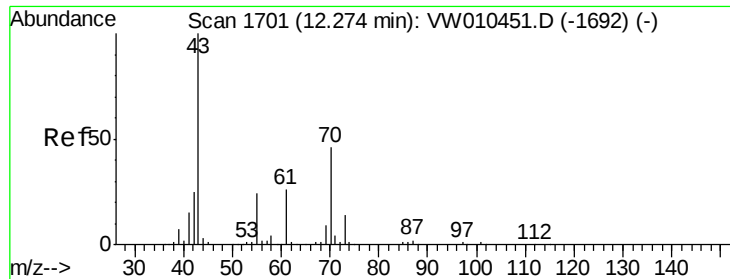
120 29.0 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 10.125 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

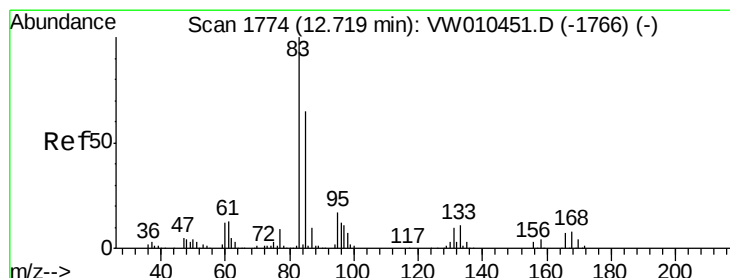
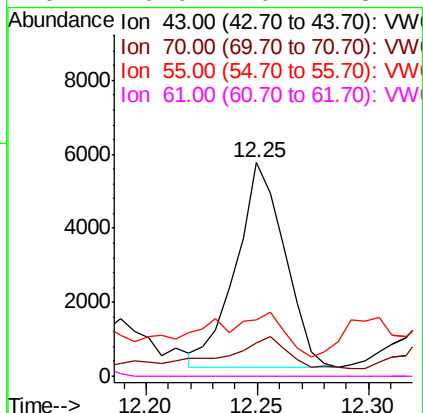
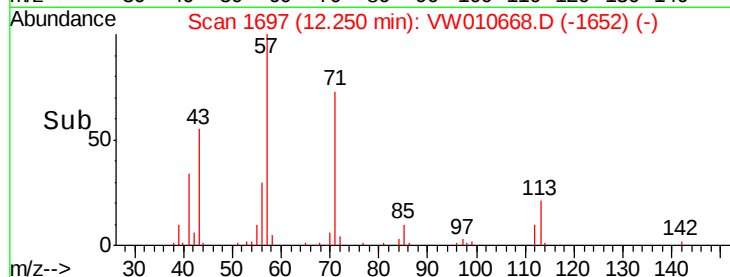
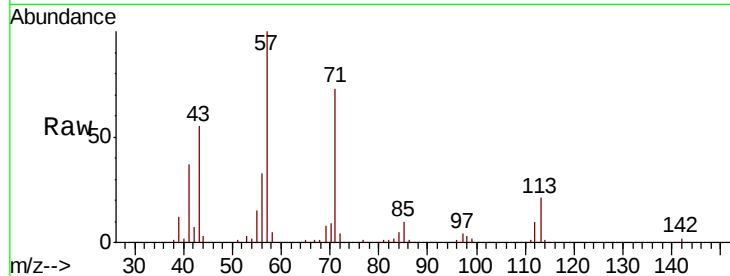
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8417

Ion	Ratio	Lower	Upper
43	100		
70	17.9	37.1	55.7#
55	0.0	19.6	29.4#
61	0.0	20.7	31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.881 ug/l

RT: 12.79 min Scan# 1785

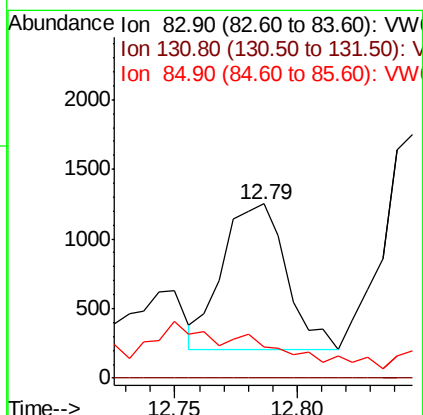
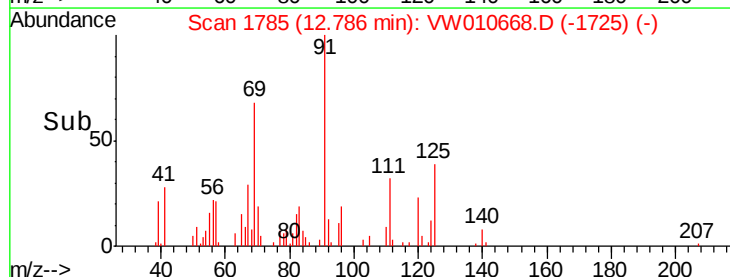
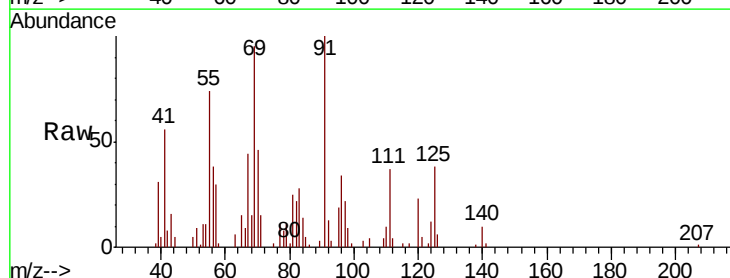
Delta R.T. 0.07 min

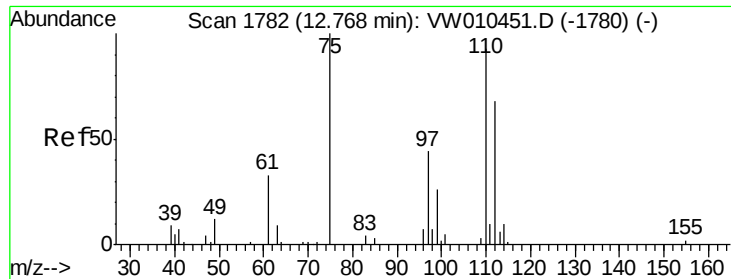
Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Tgt Ion: 83 Resp: 1901

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.4	97.0#

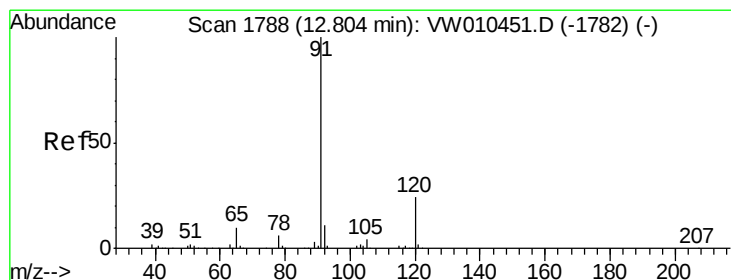
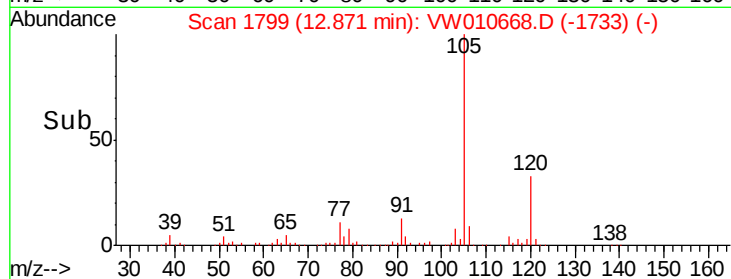
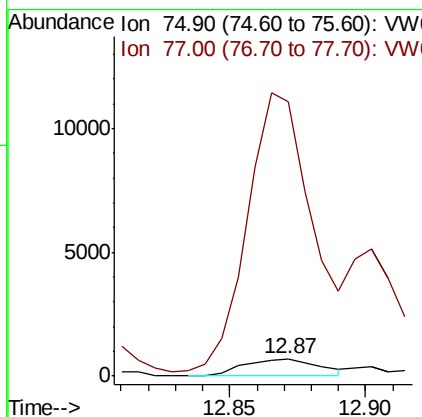
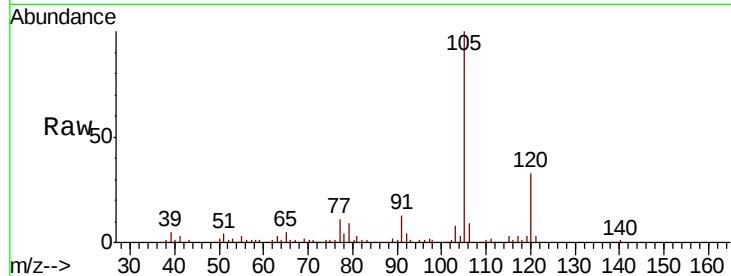




#76
 1,2,3-Trichloropropane
 Concen: 2.829 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. 0.10 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

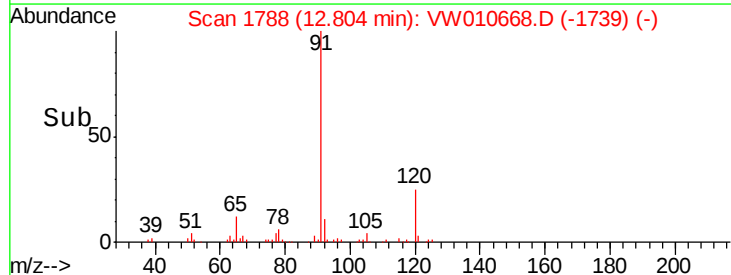
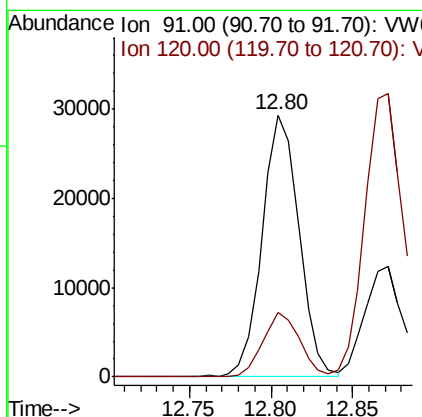
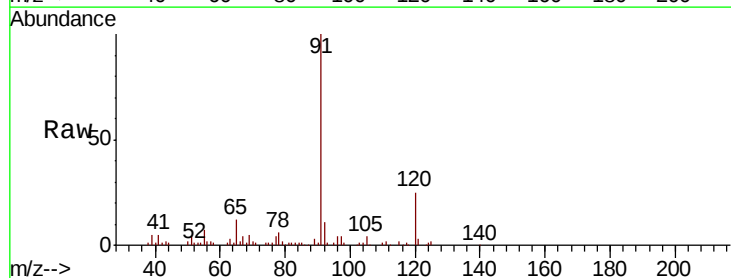
Instrument :
 MSVOA_W
 ClientSampled :

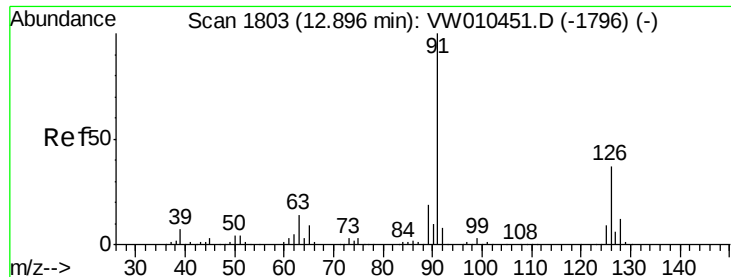
Tot Ion: 75 Resp: 1313
 Ion Ratio Lower Upper
 75 100
 77 1426.4 170.0 510.1#



#78
 n-propylbenzene
 Concen: 10.773 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

Tgt Ion: 91 Resp: 45546
 Ion Ratio Lower Upper
 91 100
 120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 7.687 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

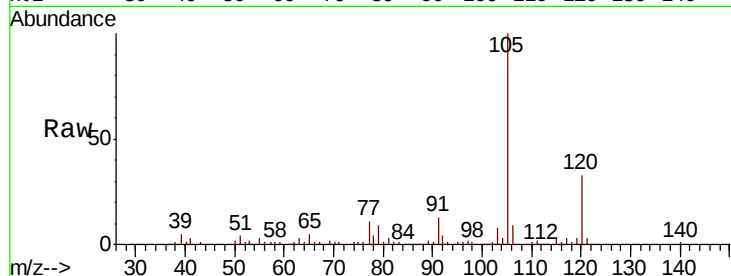
ClientSampleId :

Tot Ion: 91 Resp: 18847

Ion Ratio Lower Upper

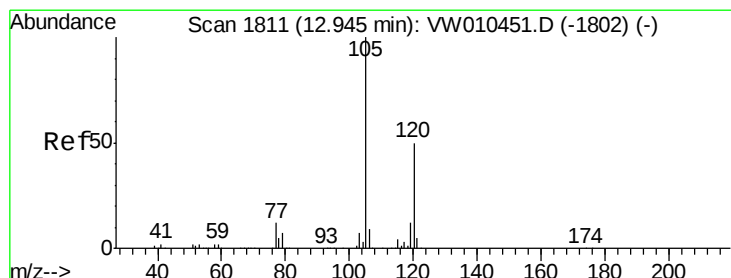
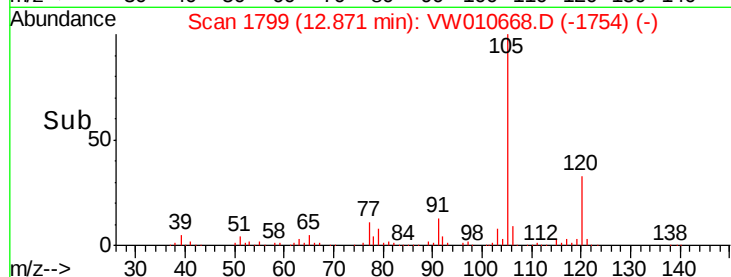
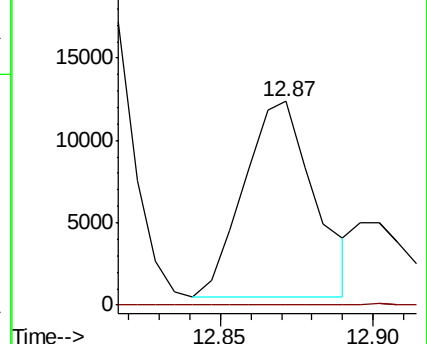
91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 25.793 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010668.D

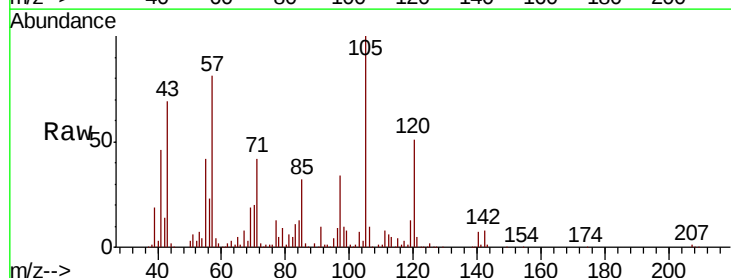
Acq: 03 Jun 2019 19:11

Tgt Ion:105 Resp: 79249

Ion Ratio Lower Upper

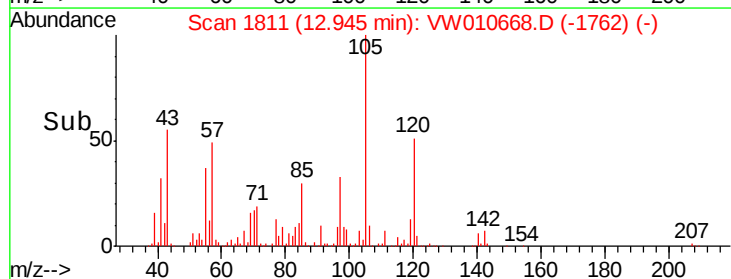
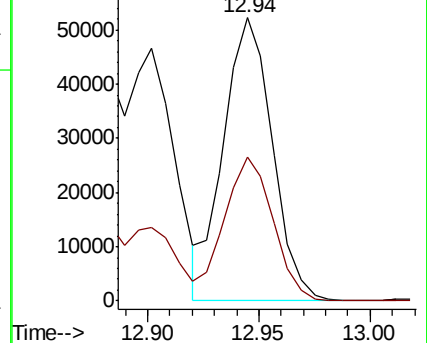
105 100

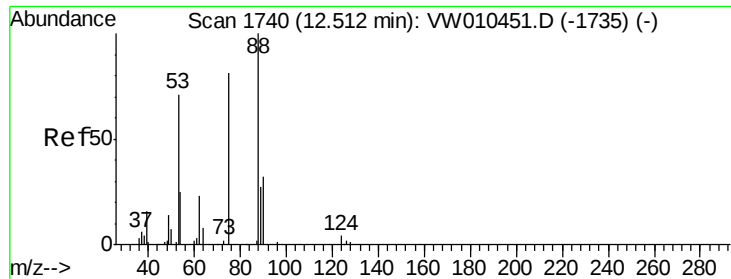
120 50.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

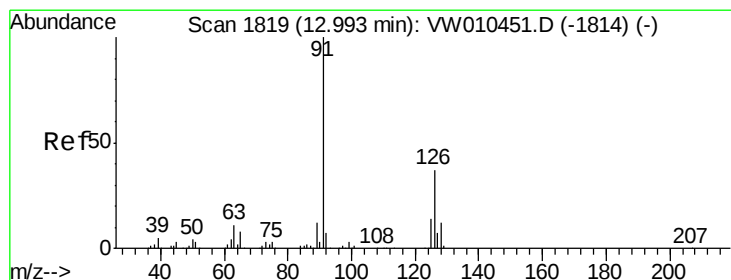
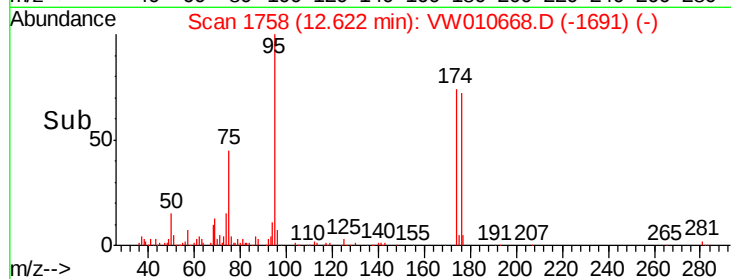
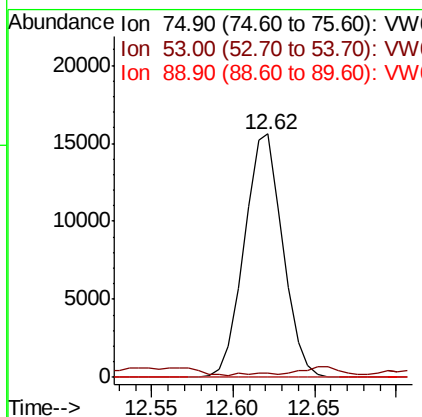
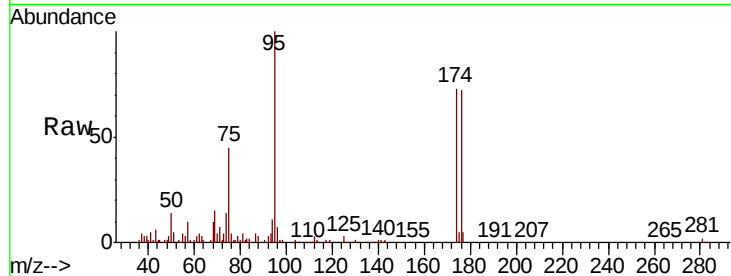




#81
trans-1,4-Dichloro-2-butene
Concen: 114.690 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

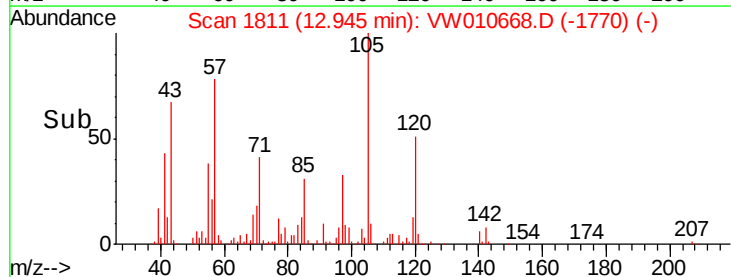
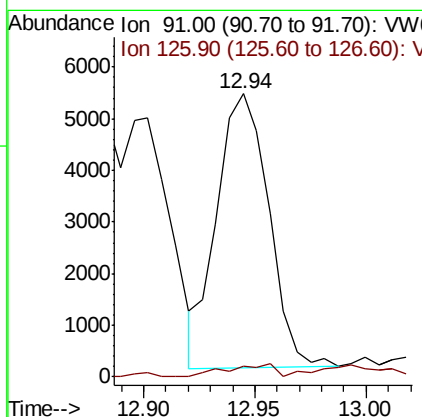
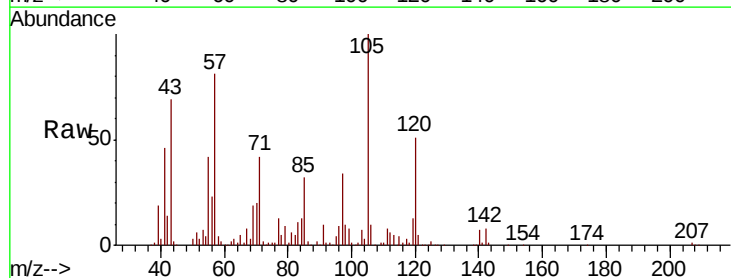
Instrument :
MSVOA_W
ClientSampleId :

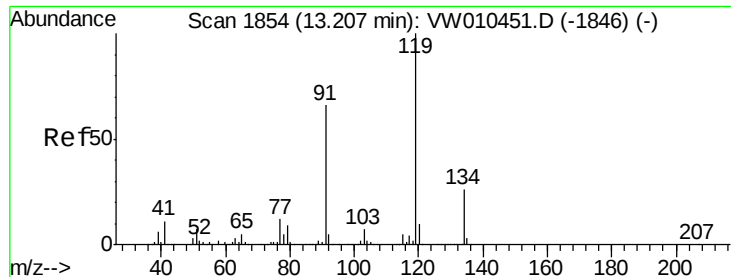
Tot Ion: 75 Resp: 25501
Ion Ratio Lower Upper
75 100
53 0.7 69.8 104.8#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 3.375 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion: 91 Resp: 8588
Ion Ratio Lower Upper
91 100
126 4.2 17.5 52.6#

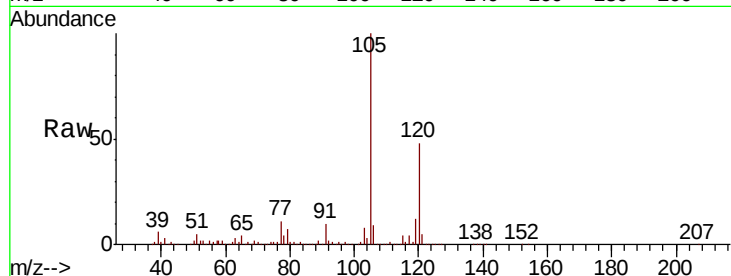




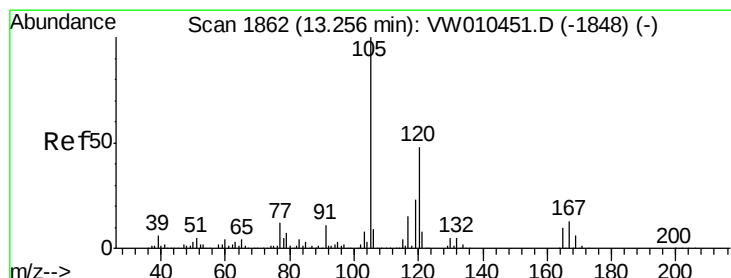
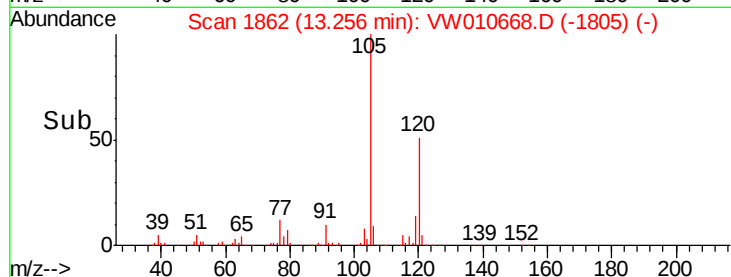
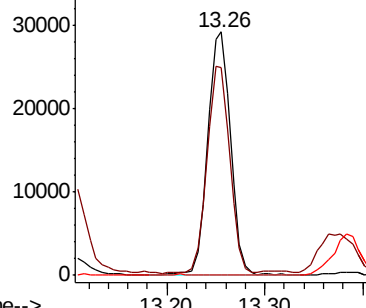
#83
tert-Butylbenzene
Concen: 17.582 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.05 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 47186
Ion Ratio Lower Upper
119 100
91 84.6 33.1 99.5
134 0.0 13.9 41.6#

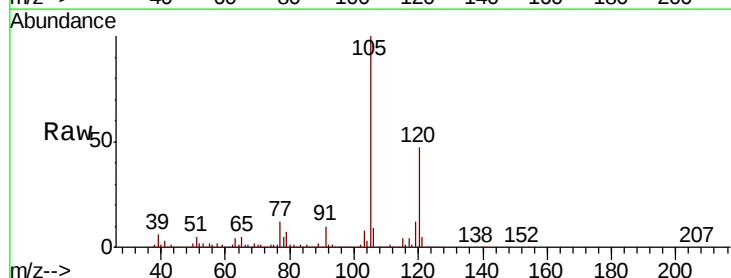


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

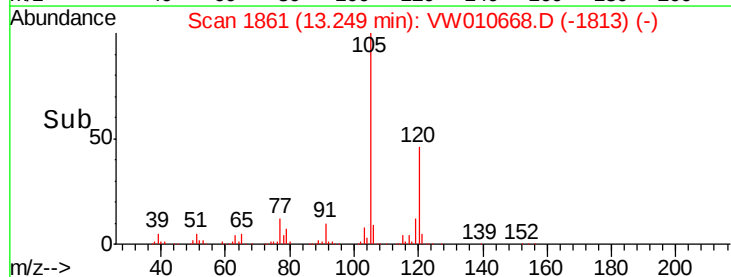
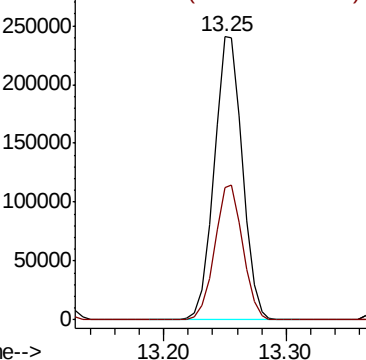


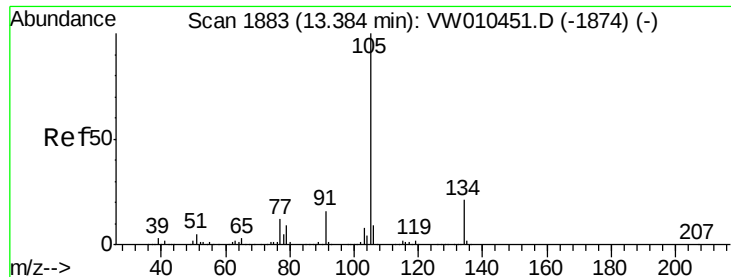
#84
1,2,4-Trimethylbenzene
Concen: 126.303 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion:105 Resp: 386498
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2



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

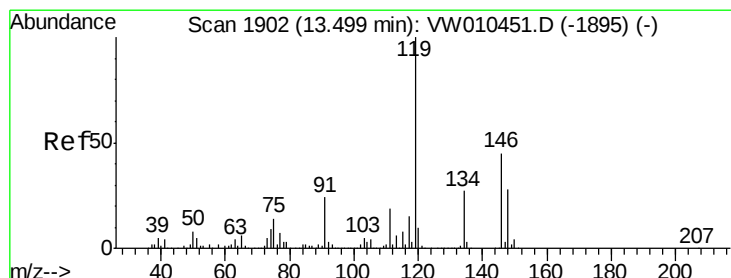
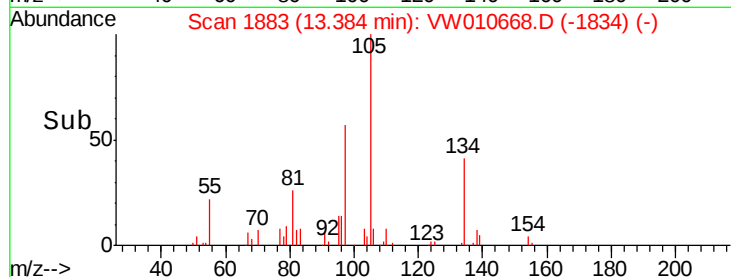
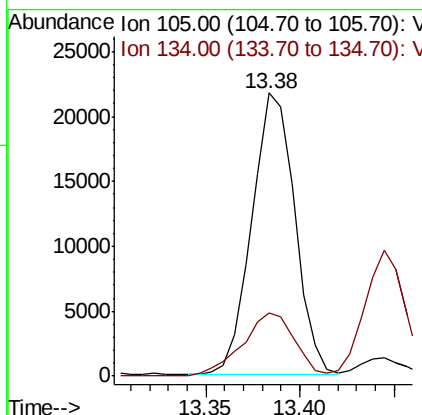
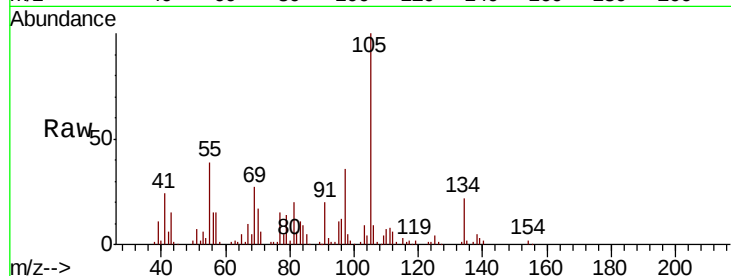




#85
 sec-Butylbenzene
 Concen: 9.172 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

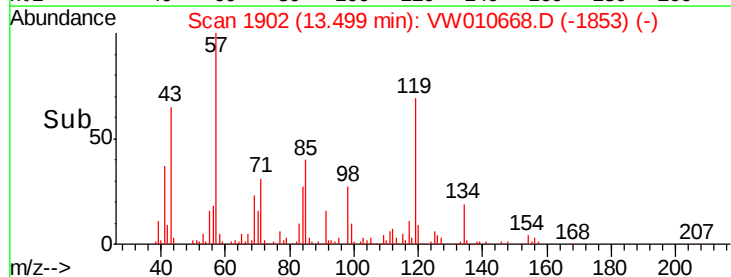
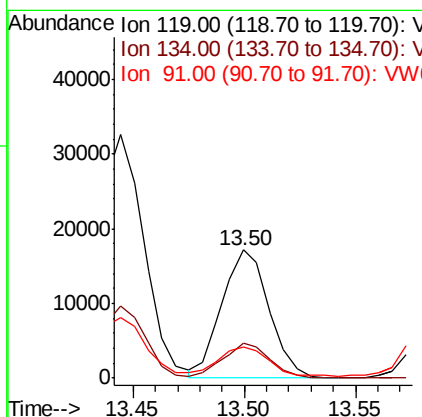
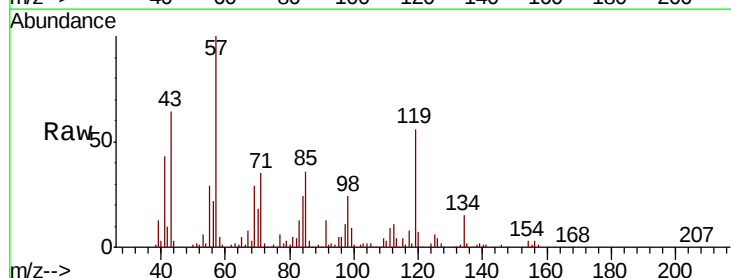
Instrument :
 MSVOA_W
 ClientSampled :

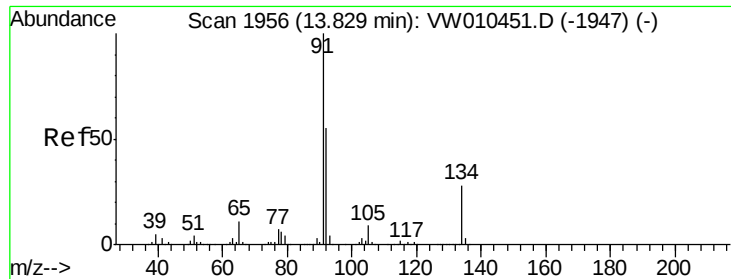
Tot Ion:105 Resp: 34449
 Ion Ratio Lower Upper
 105 100
 134 27.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 7.444 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010668.D
 Acq: 03 Jun 2019 19:11

Tgt Ion:119 Resp: 25306
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.7
 91 23.2 11.9 35.7





#89

n-Butylbenzene

Concen: 21.467 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

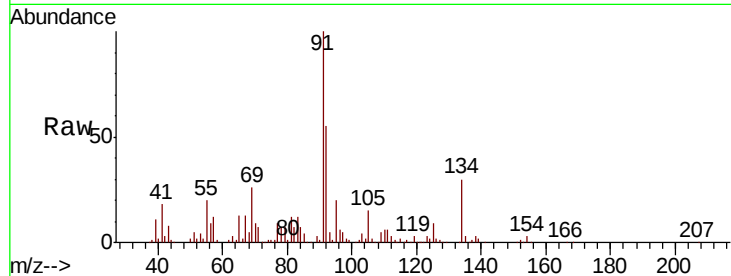
Tot Ion: 91 Resp: 69416

Ion Ratio Lower Upper

91 100

92 58.9 27.7 83.1

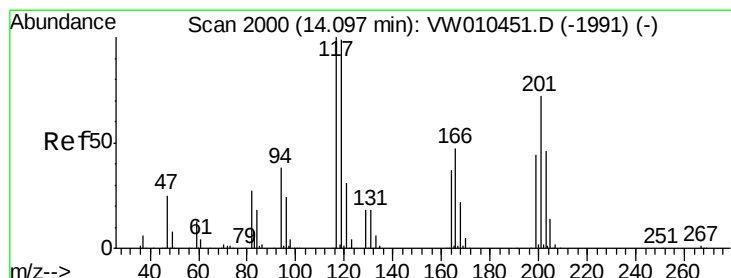
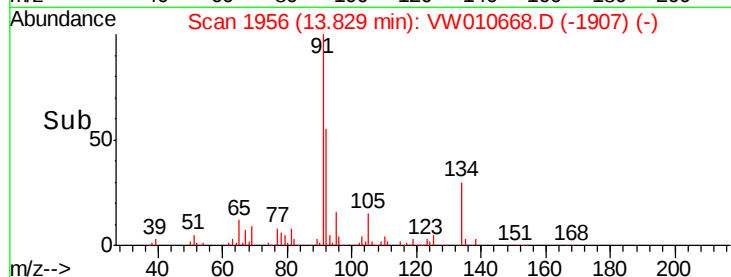
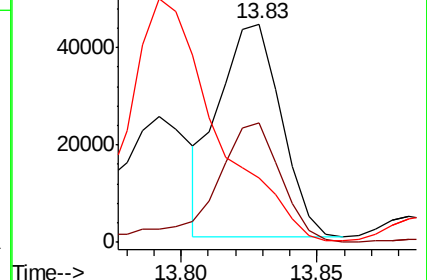
134 0.0 13.9 41.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 32.684 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW010668.D

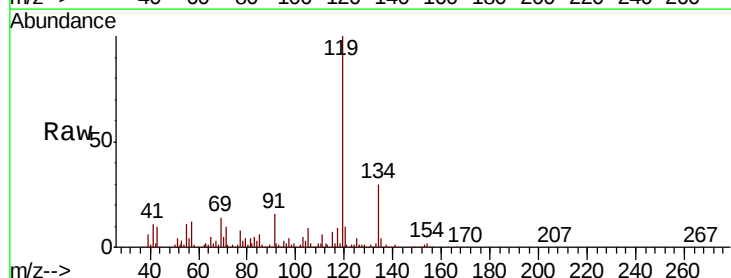
Acq: 03 Jun 2019 19:11

Tgt Ion: 117 Resp: 21506

Ion Ratio Lower Upper

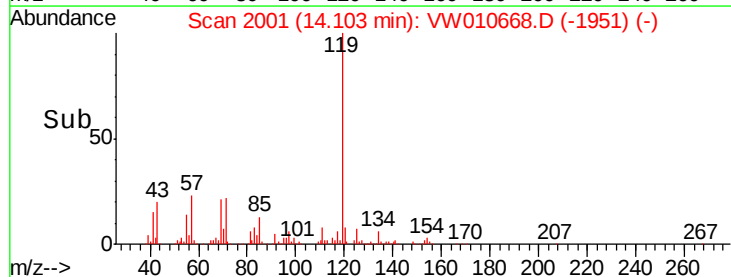
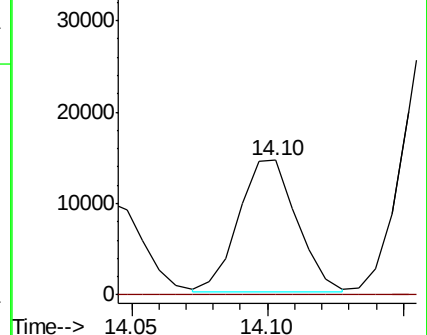
117 100

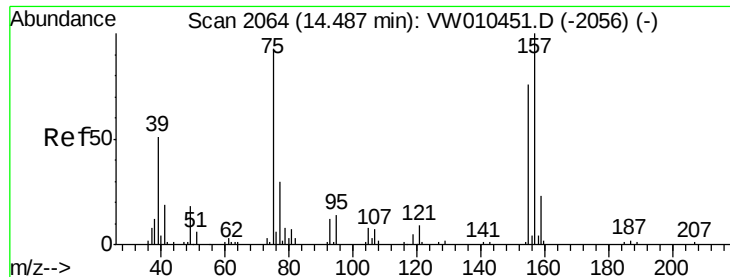
201 0.0 34.6 103.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.896 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

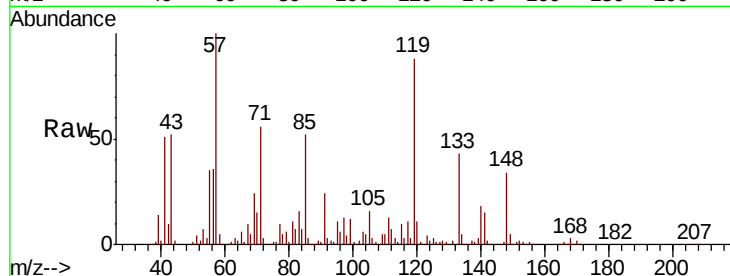
Tot Ion: 75 Resp: 478

Ion Ratio Lower Upper

75 100

155 234.3 43.0 129.0#

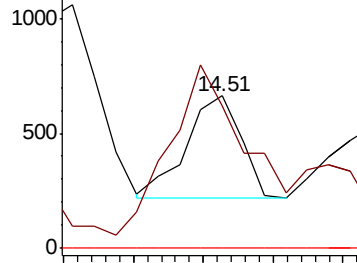
157 0.0 55.7 167.1#



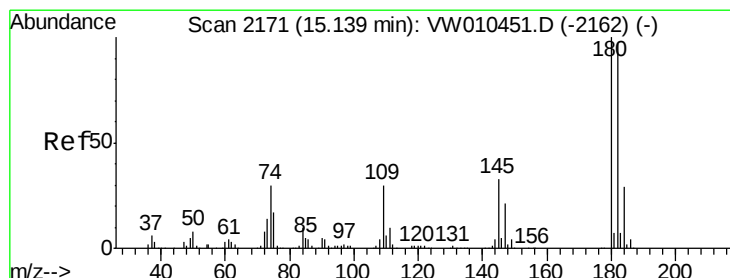
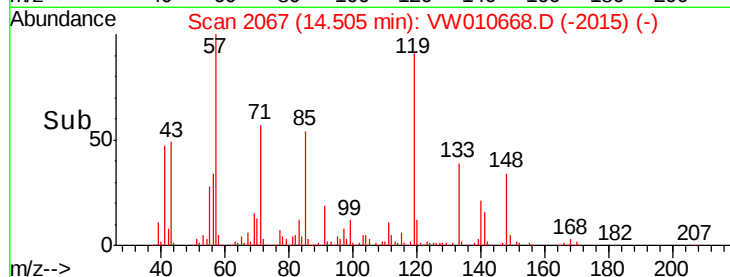
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time--> 14.46 14.48 14.50 14.52



#93

1,2,4-Trichlorobenzene

Concen: 14.980 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW010668.D

Acq: 03 Jun 2019 19:11

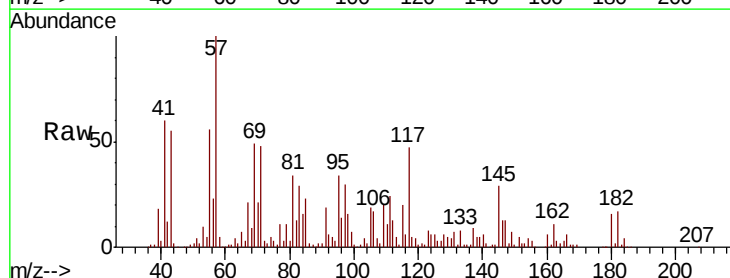
Tgt Ion: 180 Resp: 14791

Ion Ratio Lower Upper

180 100

182 102.8 47.0 141.2

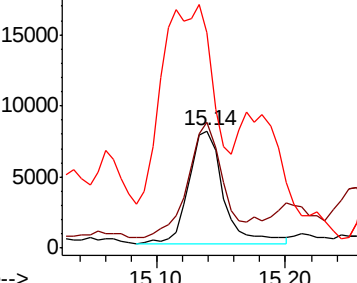
145 348.0 16.7 50.0#



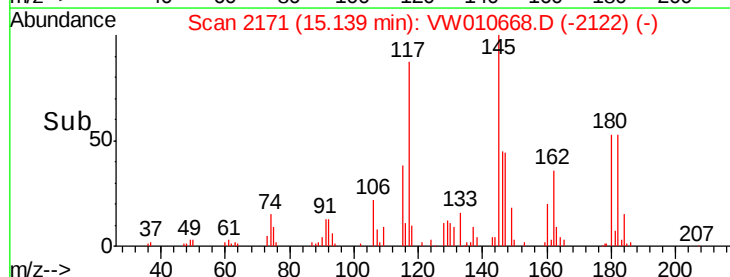
Abundance Ion 179.80 (179.50 to 180.50): V

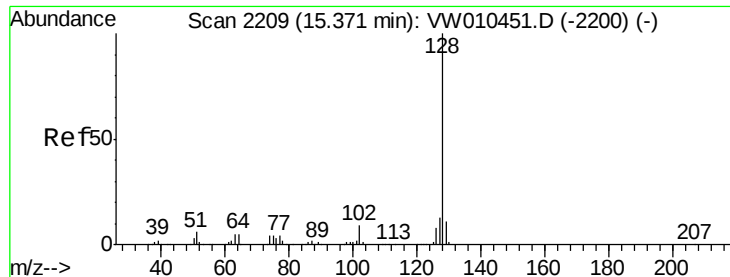
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time--> 15.10 15.20

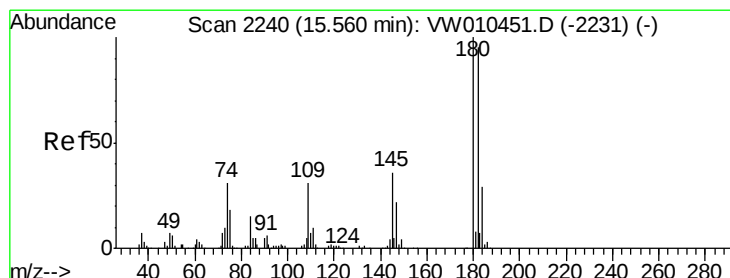
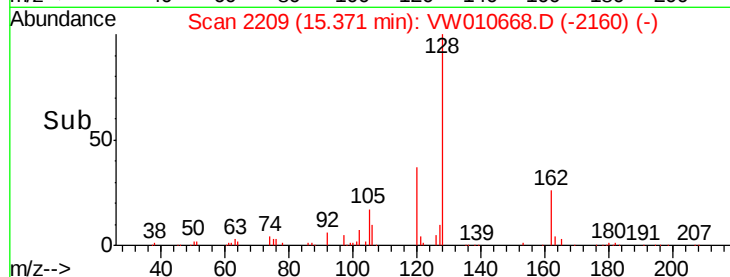
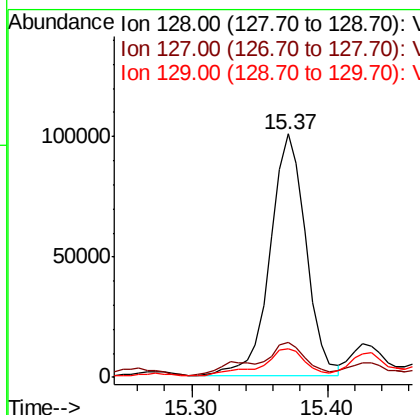
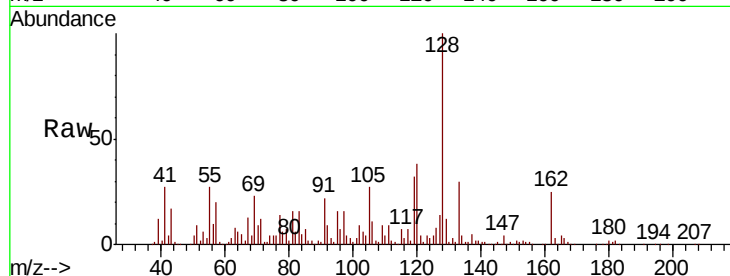




#95
Naphthalene
Concen: 88.709 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.6	15.8#
129	13.5	8.9	13.3#



#96
1,2,3-Trichlorobenzene
Concen: 14.000 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VW010668.D
Acq: 03 Jun 2019 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	42.8	47.1	141.3#
145	488.3	17.4	52.3#

