

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007033.D
 Acq On : 22 Nov 2018 07:34
 Operator : VAY/AP
 Sample : J6028-01
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 23:46:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33271	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	59680	59.17	ug/l	0.00
Spiked Amount			Recovery	=	118.34%	
35) Dibromofluoromethane	7.88	113	24836	26.45	ug/l	0.00
Spiked Amount			Recovery	=	52.90%	
50) Toluene-d8	10.32	98	195269	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.62	95	52473	32.16	ug/l	0.00
Spiked Amount			Recovery	=	64.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	608	1.151	ug/l	52
11) Tert butyl alcohol	5.19	59	285	4.341	ug/l #	71
16) Acetone	4.14	43	14674	100.210	ug/l	99
17) Carbon Disulfide	4.38	76	4039	1.340	ug/l #	94
20) Methylene Chloride	4.93	84	3612	Below Cal	#	83
25) 2-Butanone	7.19	43	648	2.584	ug/l #	48
31) Cyclohexane	7.95	56	2368	1.219	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	8059	4.960	ug/l #	50
37) Ethyl Acetate	7.19	43	648	1.101	ug/l #	69
38) Carbon Tetrachloride	7.95	117	10637	6.837	ug/l #	18
40) Benzene	8.32	78	7608	1.735	ug/l	97
48) Methyl methacrylate	9.34	41	581	1.074	ug/l #	53
52) Toluene	10.39	92	17036	5.708	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	1263	1.586	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.92	63	680	1.407	ug/l	96
59) 2-Hexanone	10.93	43	640	1.648	ug/l #	24
67) Ethyl Benzene	11.73	91	15654	3.294	ug/l	100
68) m/p-Xylenes	11.84	106	8939	4.794	ug/l	95
69) o-Xylene	12.17	106	12342	7.019	ug/l	98
73) Isopropylbenzene	12.47	105	6292	2.433	ug/l	98
74) N-amyl acetate	12.26	43	1193	2.753	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	25300	96.771	ug/l #	100
78) n-propylbenzene	12.81	91	12441	3.972	ug/l	98
79) 2-Chlorotoluene	12.87	91	4079	2.259	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	17198	7.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25300	242.954	ug/l #	10
83) tert-Butylbenzene	13.25	119	3585	1.852	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.26	105	29328	13.165	ug/l	97
85) sec-Butylbenzene	13.39	105	7358	2.690	ug/l	85
86) p-Isopropyltoluene	13.50	119	5203	2.156	ug/l	98
89) n-Butylbenzene	13.83	91	4608	2.029	ug/l #	77
90) Hexachloroethane	14.10	117	1629	4.624	ug/l #	14
95) Naphthalene	15.38	128	3561	2.994	ug/l	97

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QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

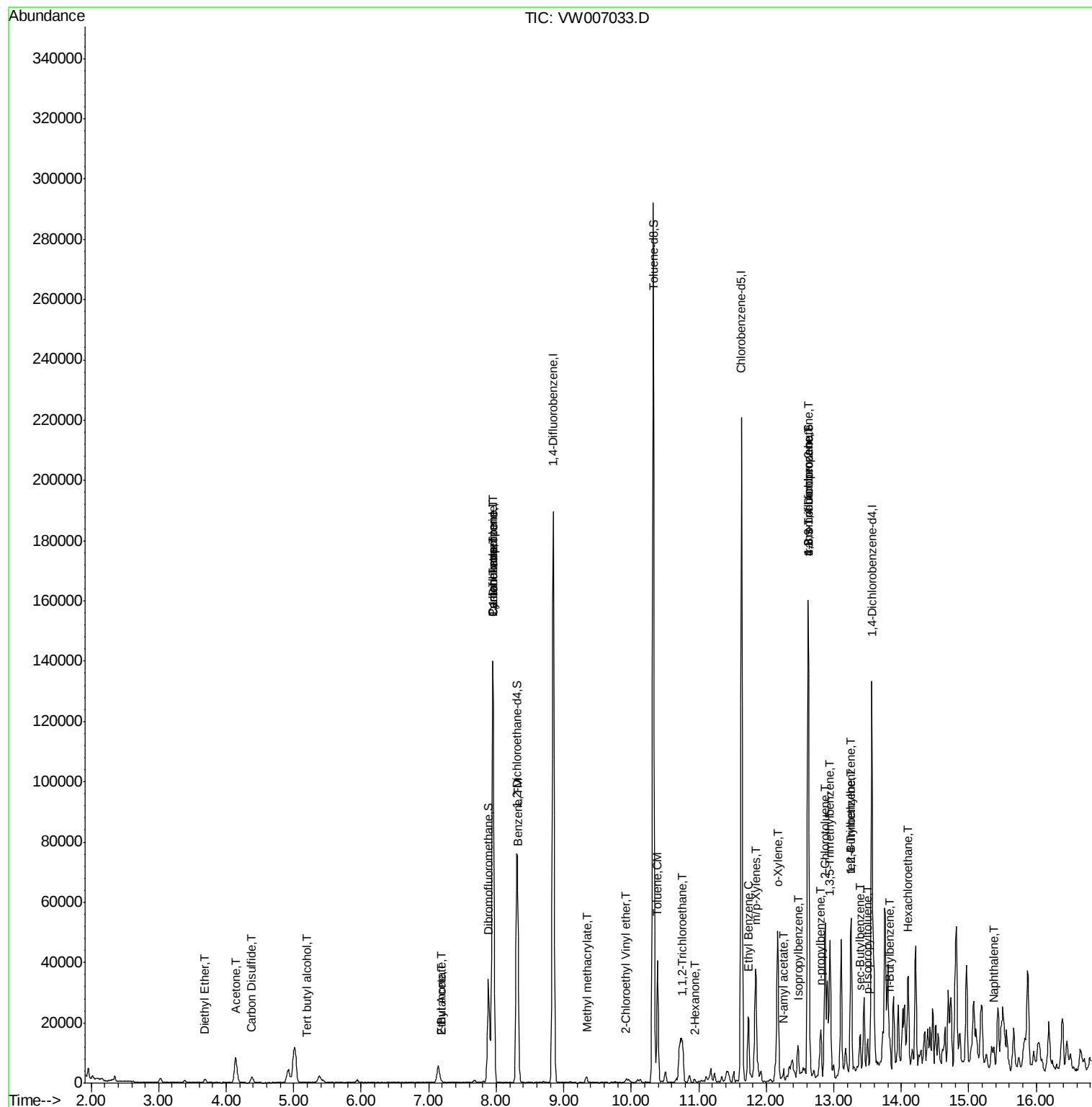
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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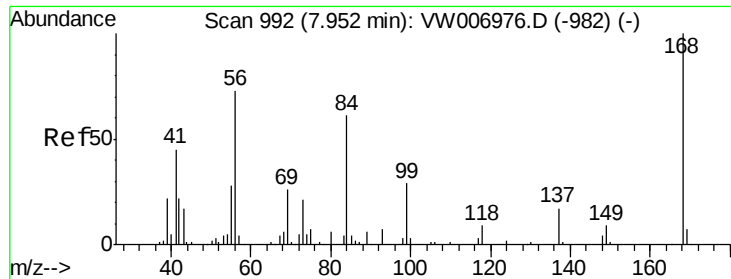
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

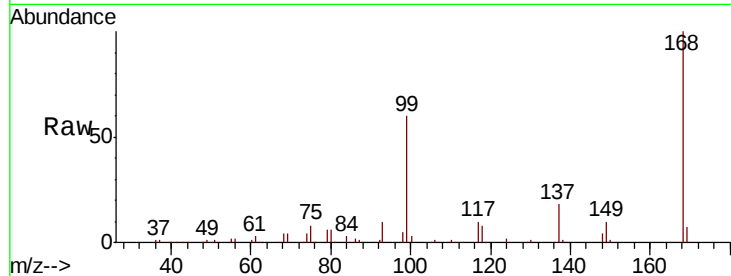
ClientSampled :

Tot Ion:168 Resp: 103018

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



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

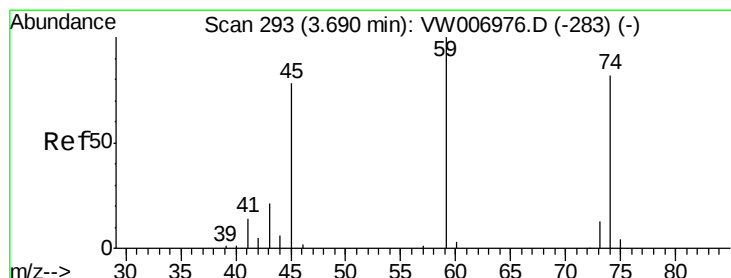
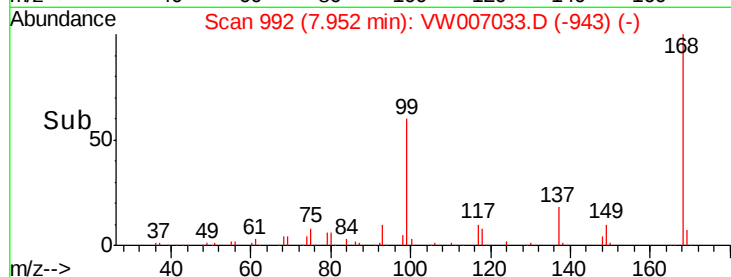
10000

0

Time-->

7.90

8.00



#8

Diethyl Ether

Concen: 1.151 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW007033.D

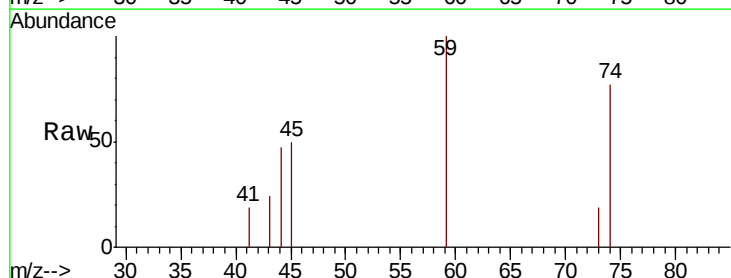
Acq: 22 Nov 2018 07:34

Tgt Ion: 74 Resp: 608

Ion Ratio Lower Upper

74 100

45 143.8 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

200

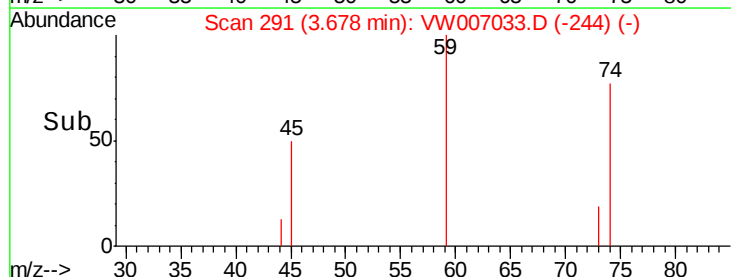
100

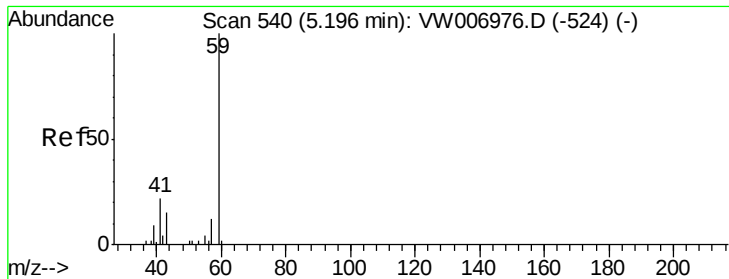
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Time-->

3.65

3.70



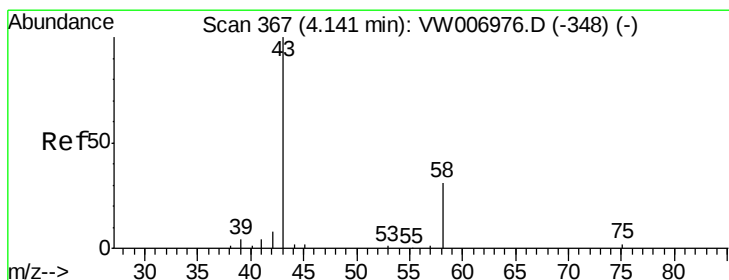
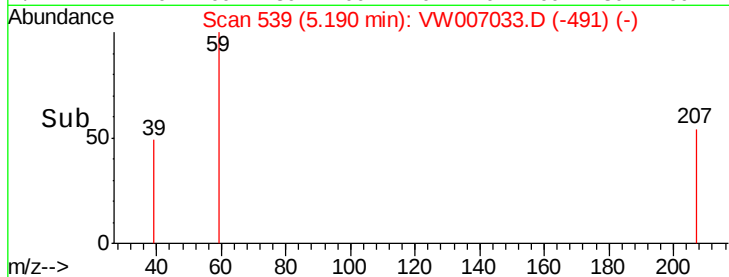
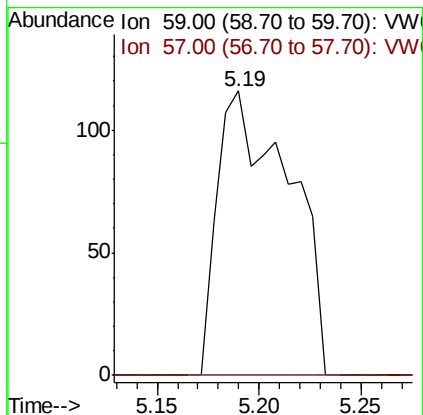
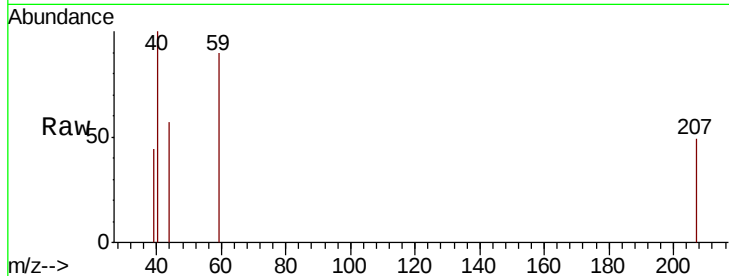


#11

Tert butyl alcohol
 Concen: 4.341 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Instrument :
 MSVOA_W
 ClientSampled :

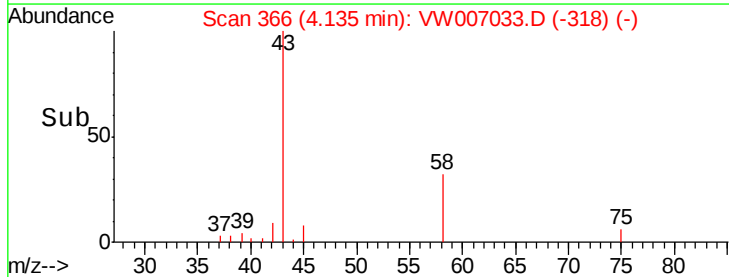
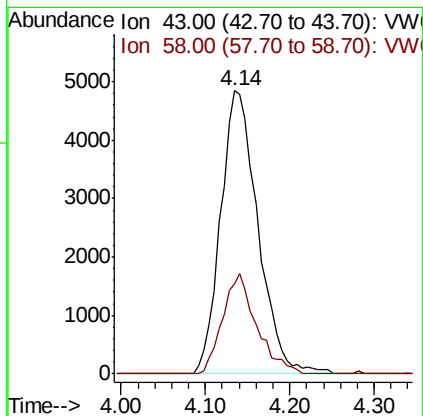
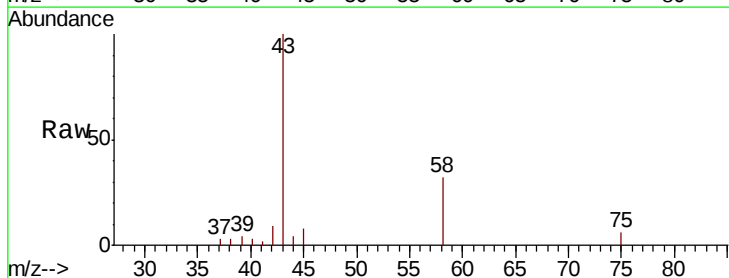
Tot Ion: 59 Resp: 285
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

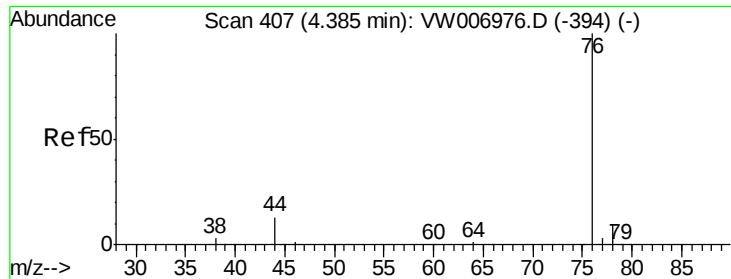


#16

Acetone
 Concen: 100.210 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion: 43 Resp: 14674
 Ion Ratio Lower Upper
 43 100
 58 31.8 24.8 37.2





#17

Carbon Disulfide

Concen: 1.340 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

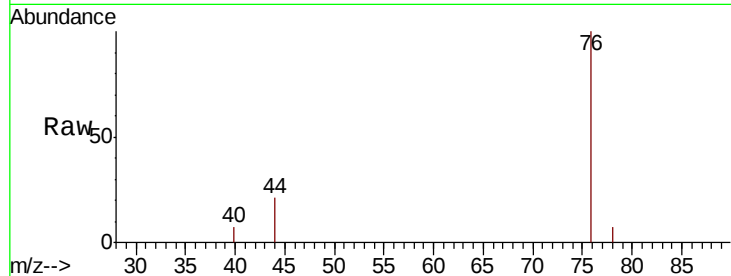
ClientSampleId :

Tot Ion: 76 Resp: 4039

Ion Ratio Lower Upper

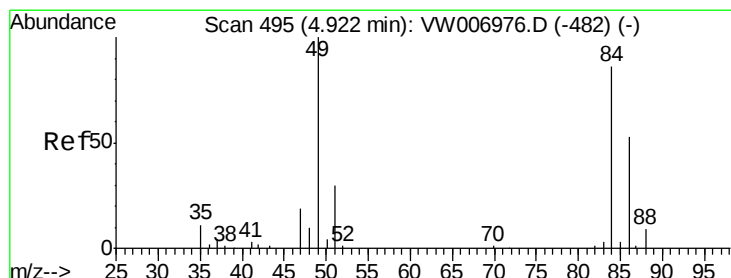
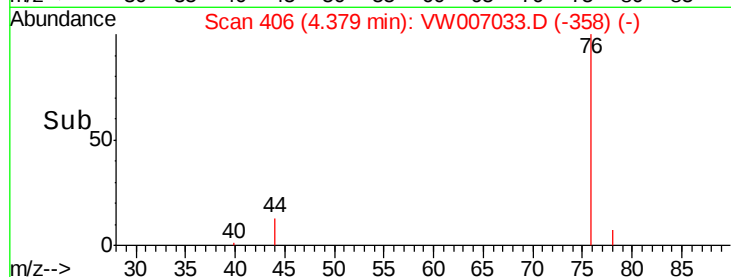
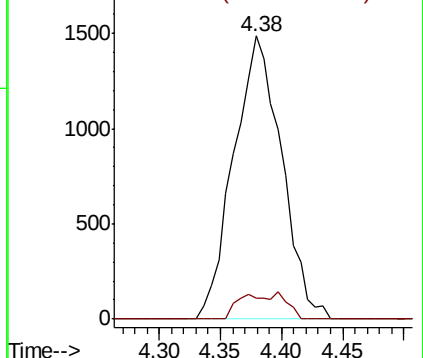
76 100

78 7.4 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Tgt Ion: 84 Resp: 3612

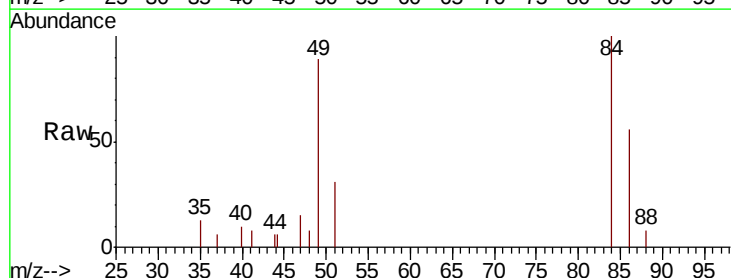
Ion Ratio Lower Upper

84 100

49 89.2 93.4 140.0#

51 30.9 28.4 42.6

86 55.9 49.8 74.8

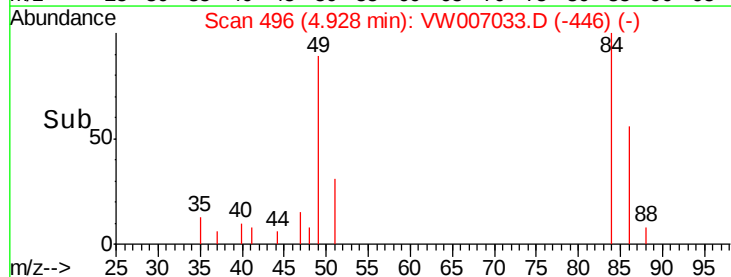
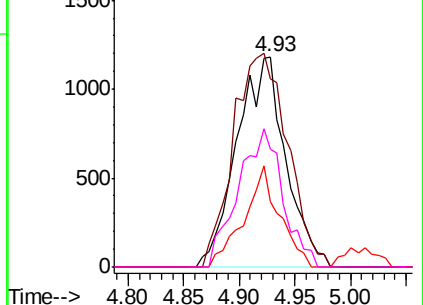


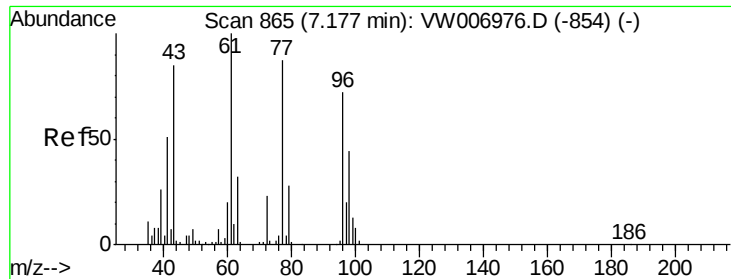
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 2.584 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

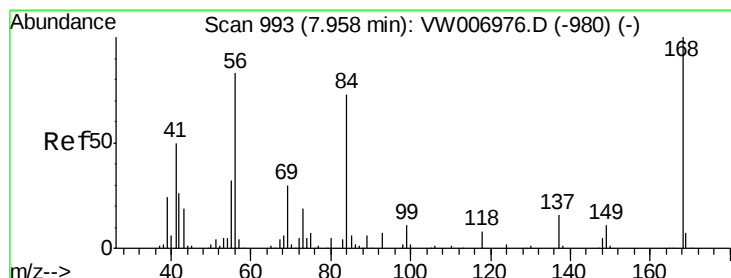
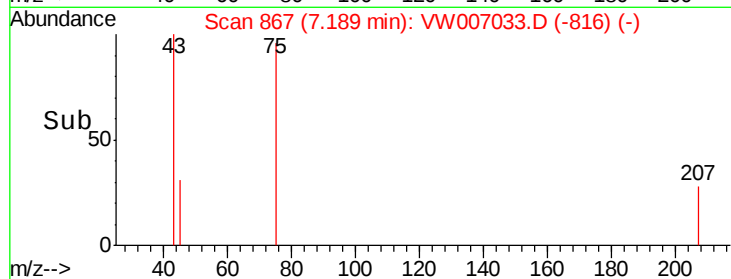
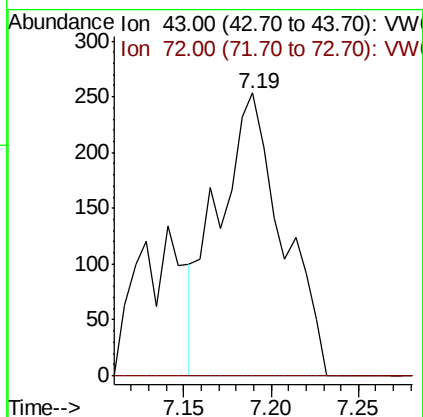
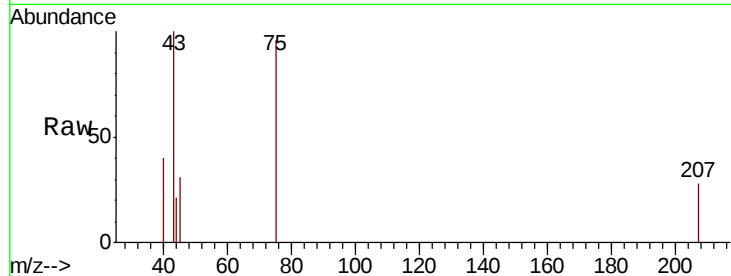
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

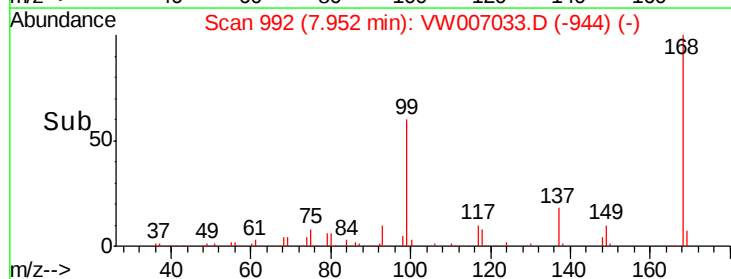
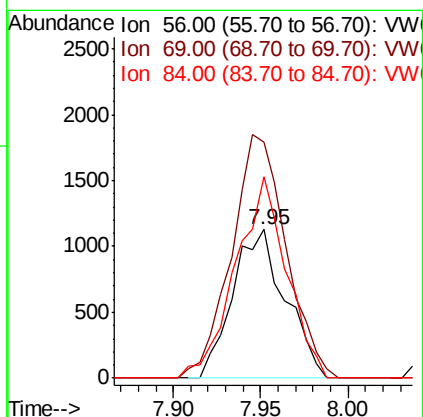
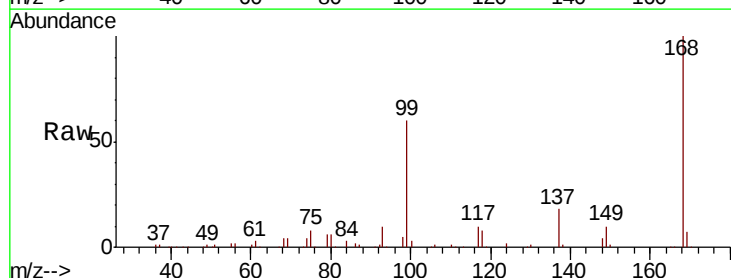
Tgt Ion: 56 Resp: 2368

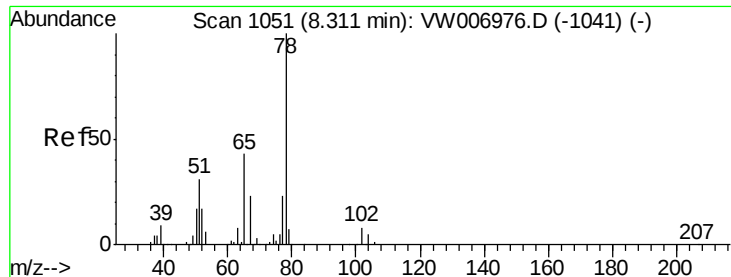
Ion Ratio Lower Upper

56 100

69 158.8 29.1 43.7#

84 135.6 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 59.173 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

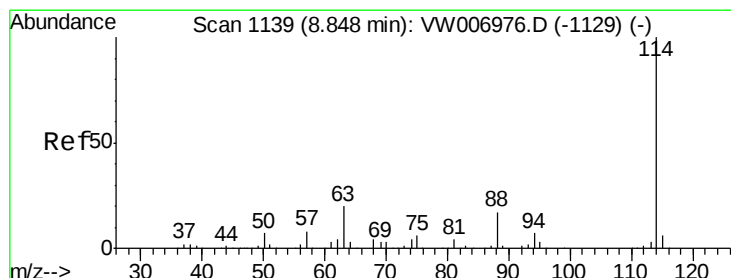
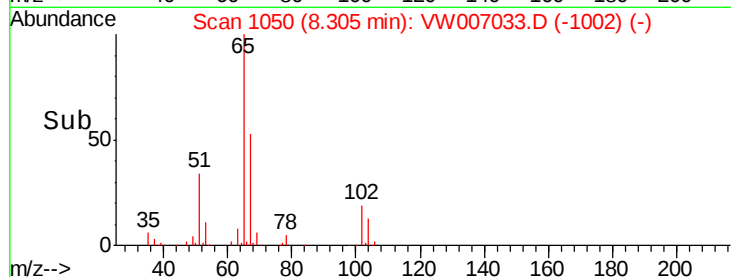
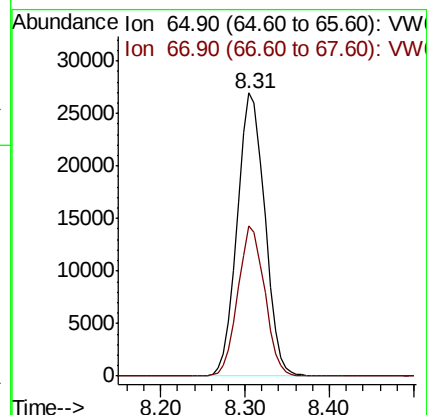
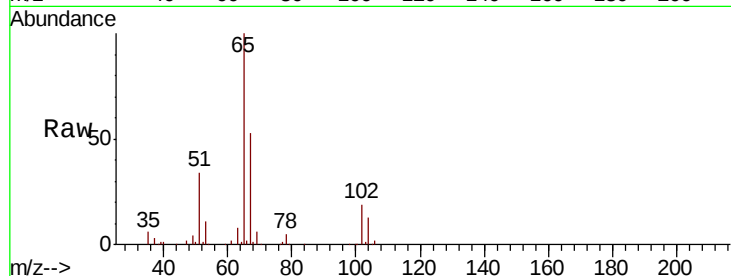
ClientSampled :

Tot Ion: 65 Resp: 59680

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

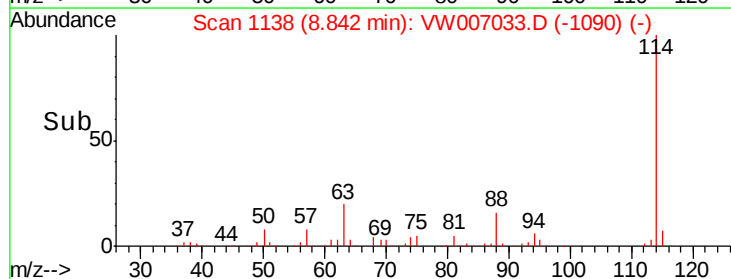
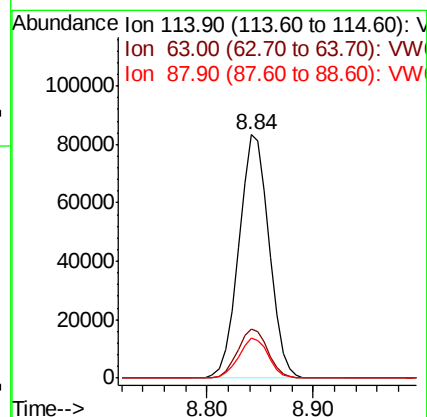
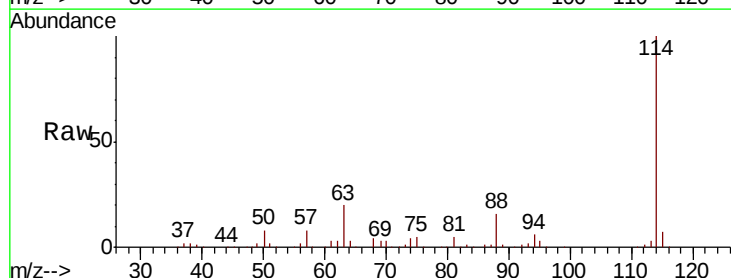
Tgt Ion: 114 Resp: 166264

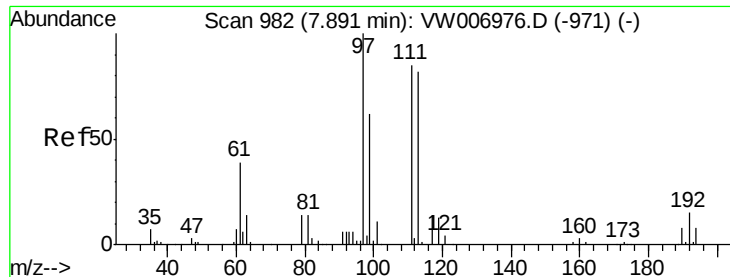
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 16.3 0.0 34.2

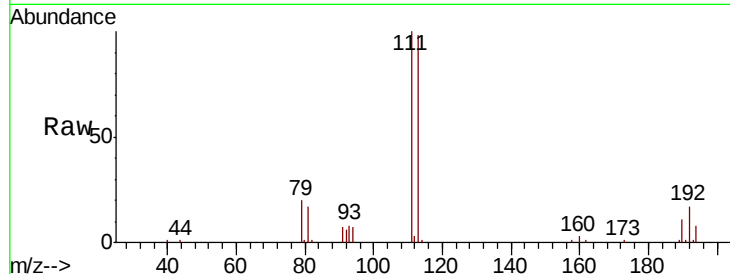




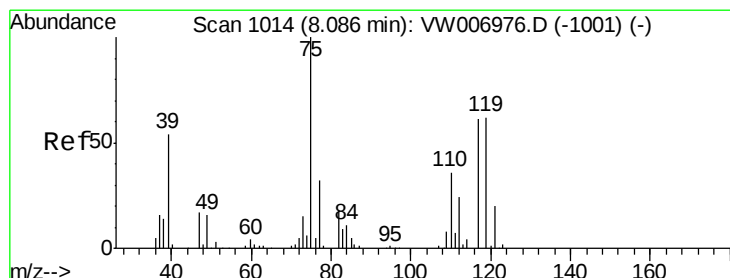
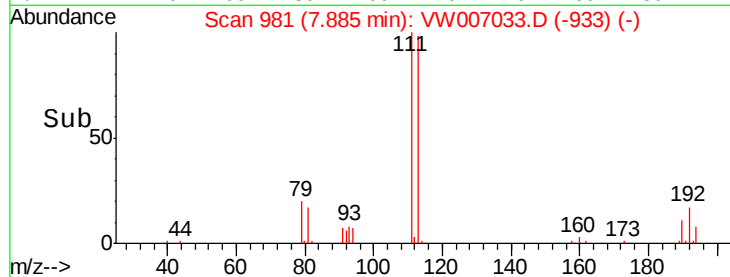
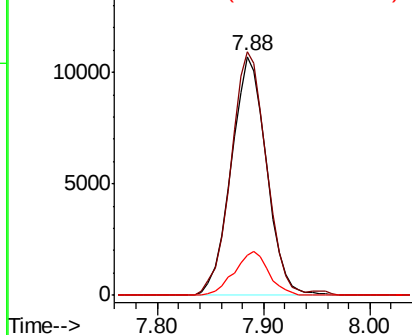
#35
 Dibromofluoromethane
 Concen: 26.451 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 24836
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 17.9 15.0 22.6

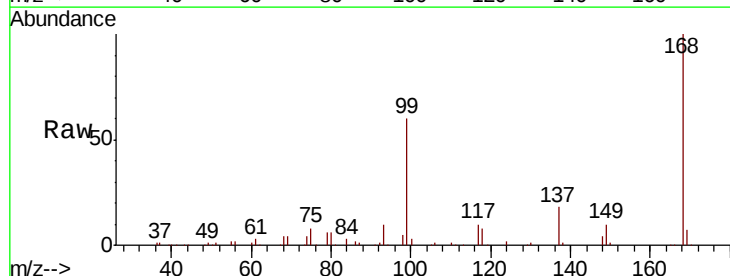


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

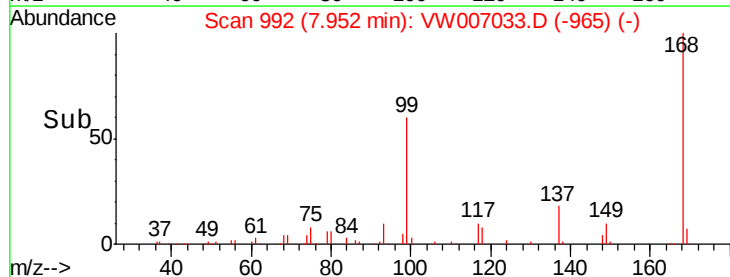
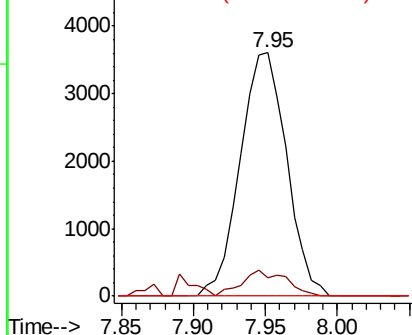


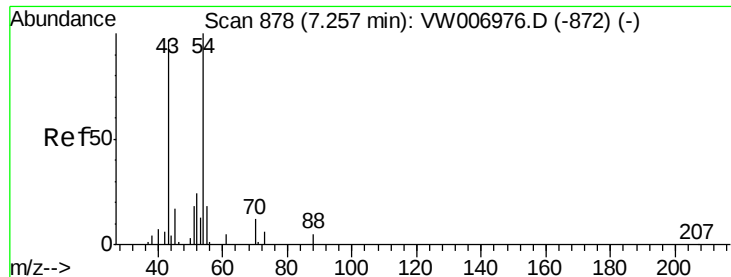
#36
 1,1-Dichloropropene
 Concen: 4.960 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion: 75 Resp: 8059
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.0 54.0#
 77 0.0 24.9 37.3#



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

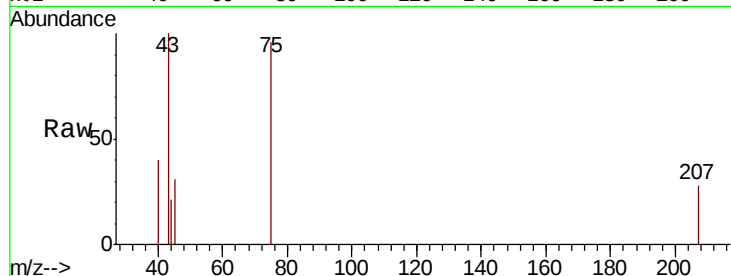




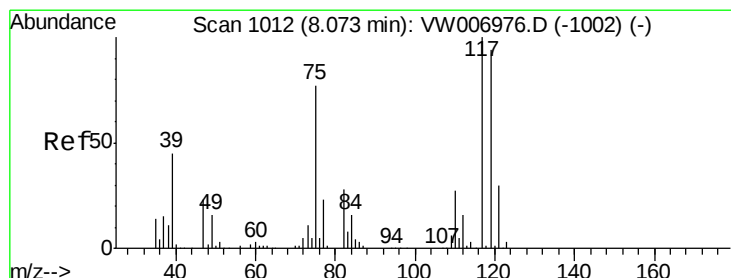
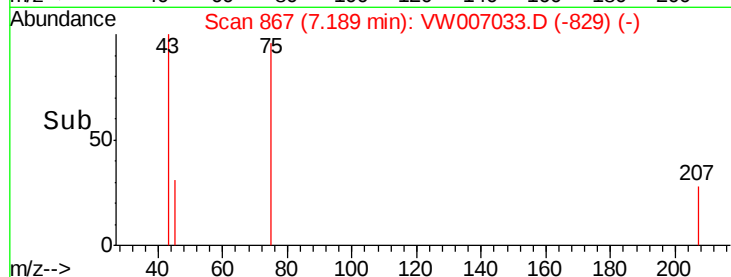
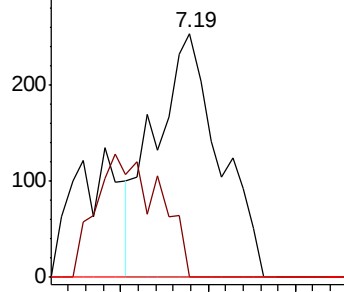
#37
Ethyl Acetate
Concen: 1.101 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#

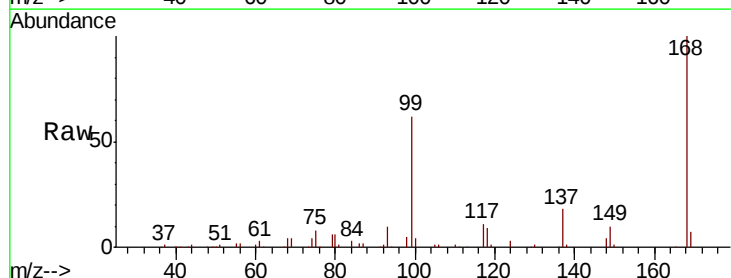


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

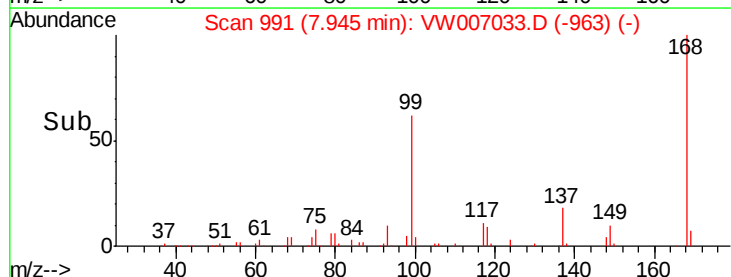
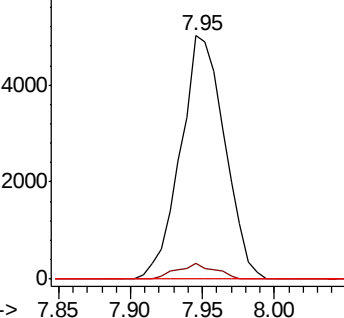


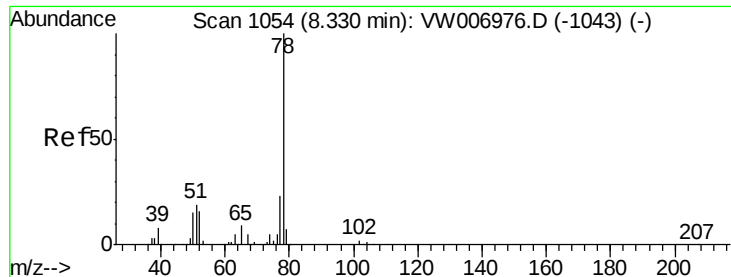
#38
Carbon Tetrachloride
Concen: 6.837 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion: 117 Resp: 10637
Ion Ratio Lower Upper
117 100
119 6.6 74.9 112.3#
121 0.0 23.6 35.4#



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





#40

Benzene

Concen: 1.735 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

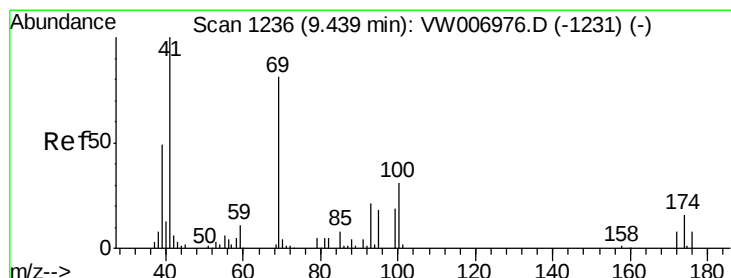
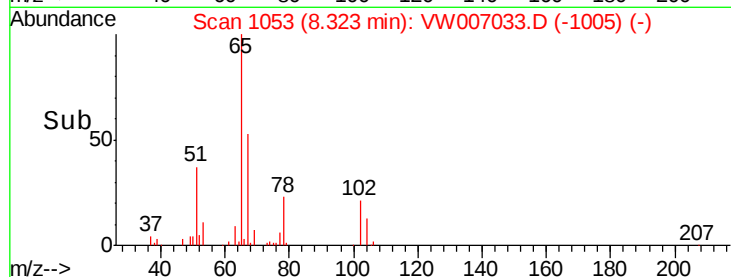
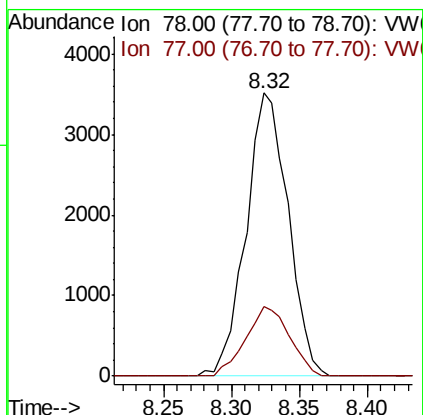
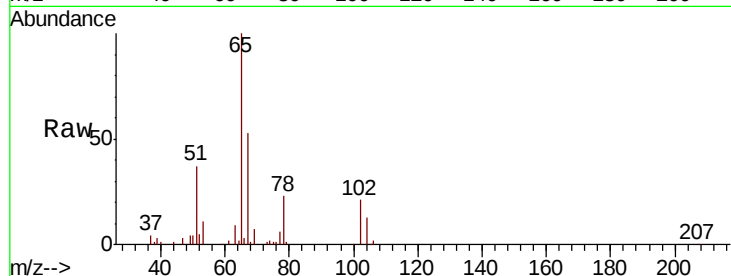
ClientSampled :

Tot Ion: 78 Resp: 7608

Ion Ratio Lower Upper

78 100

77 24.6 18.6 28.0



#48

Methyl methacrylate

Concen: 1.074 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.10 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

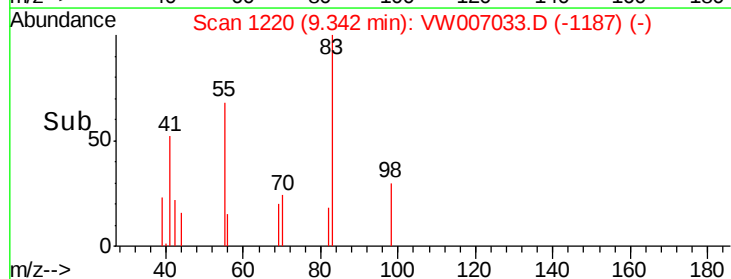
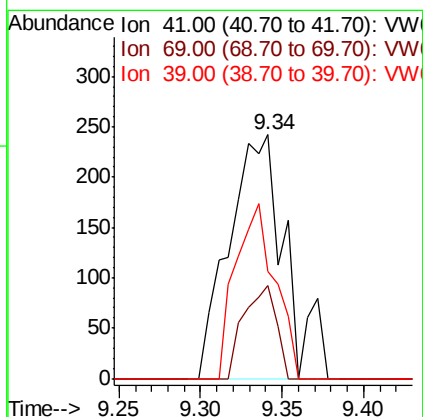
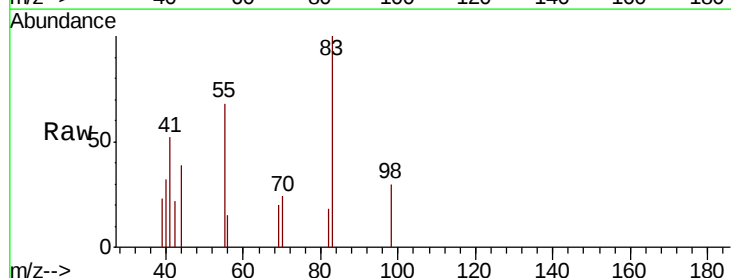
Tgt Ion: 41 Resp: 581

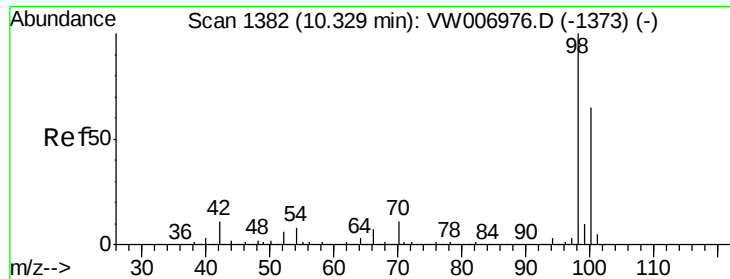
Ion Ratio Lower Upper

41 100

69 22.0 71.4 107.0#

39 50.3 44.8 67.2





#50

Toluene-d8

Concen: 47.096 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

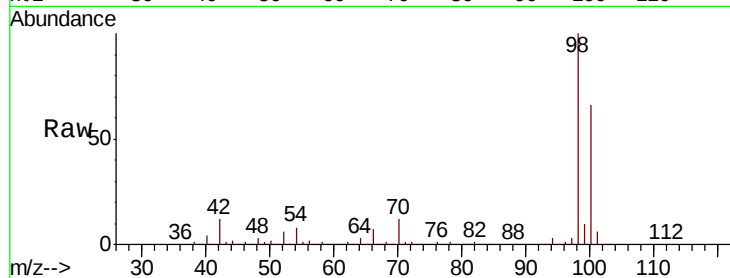
ClientSampleId :

Tot Ion: 98 Resp: 195269

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

120000

100000

80000

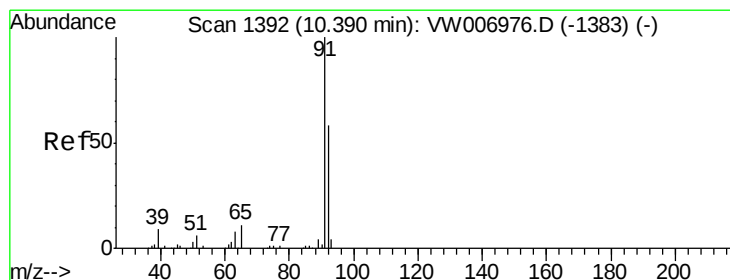
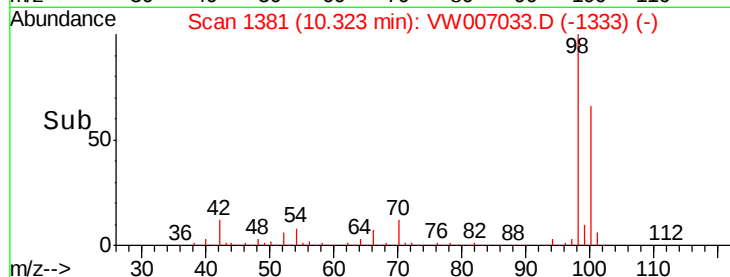
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 5.708 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007033.D

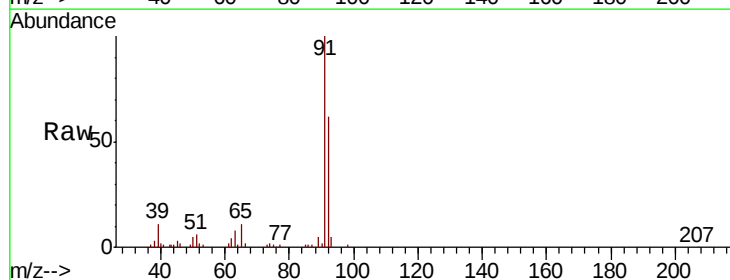
Acq: 22 Nov 2018 07:34

Tgt Ion: 92 Resp: 17036

Ion Ratio Lower Upper

92 100

91 168.2 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

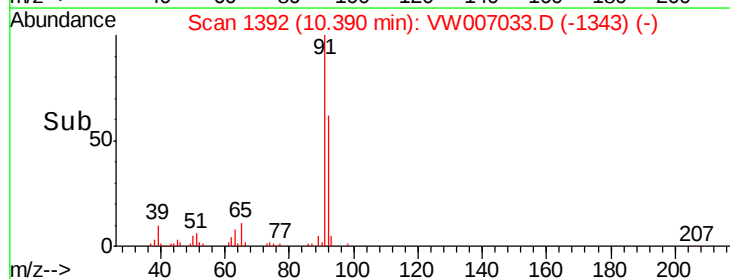
15000

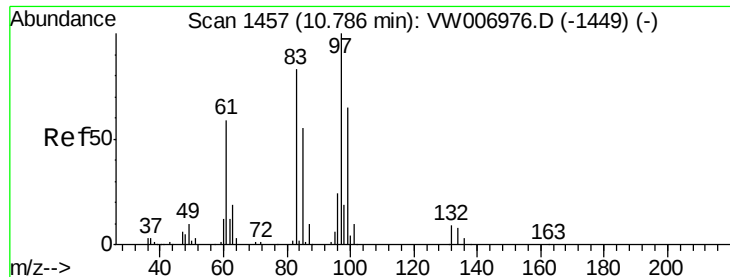
10000

5000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 1.586 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 1263

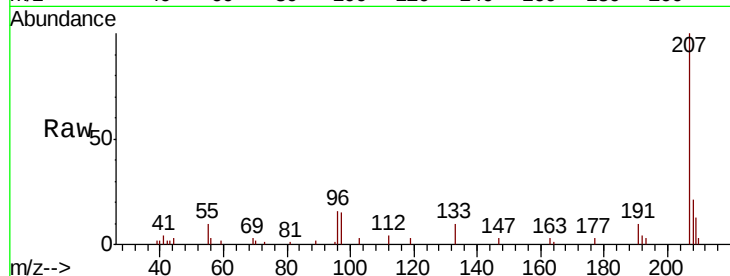
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 44.1 66.1#

99 0.0 51.7 77.5#

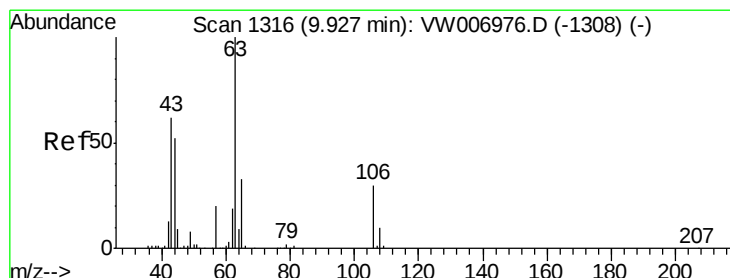
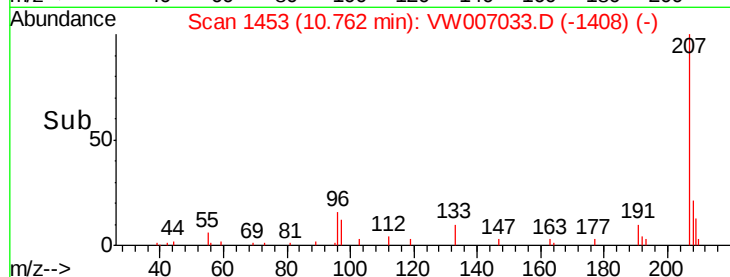
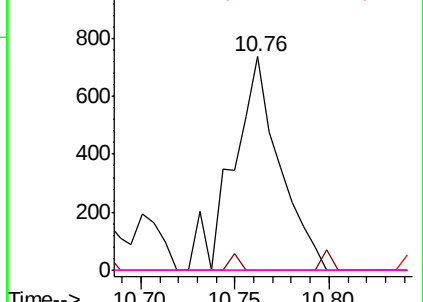


Abundance Ion 96.90 (96.60 to 97.60): VW

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



#58

2-Chloroethyl Vinyl ether

Concen: 1.407 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW007033.D

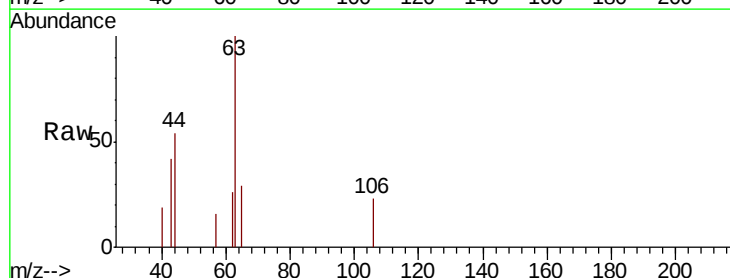
Acq: 22 Nov 2018 07:34

Tgt Ion: 63 Resp: 680

Ion Ratio Lower Upper

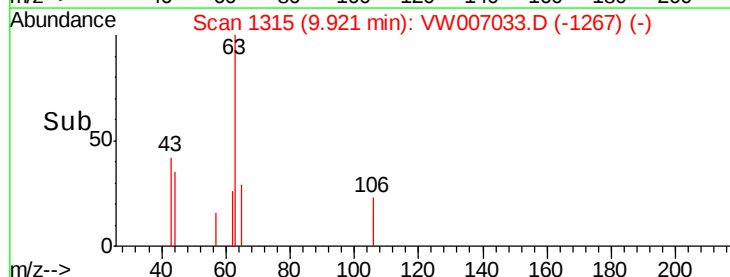
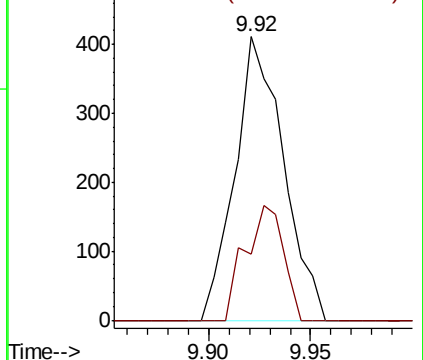
63 100

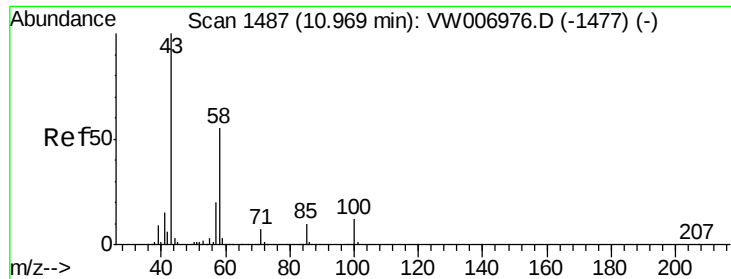
106 31.6 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

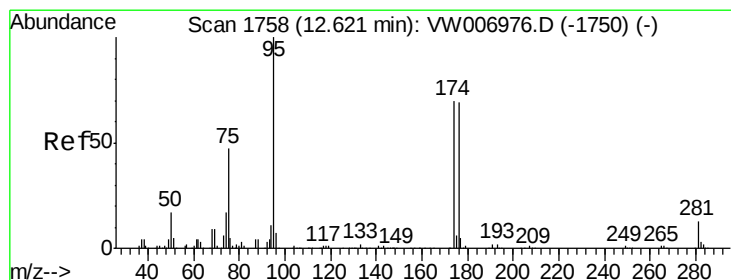
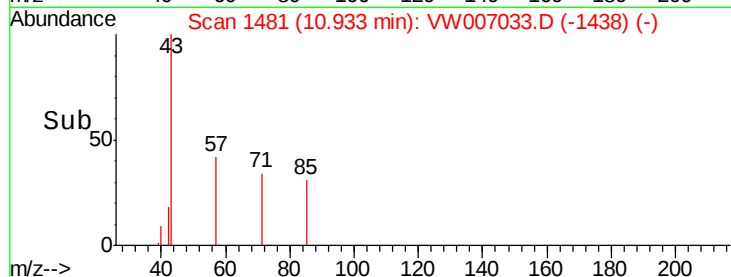
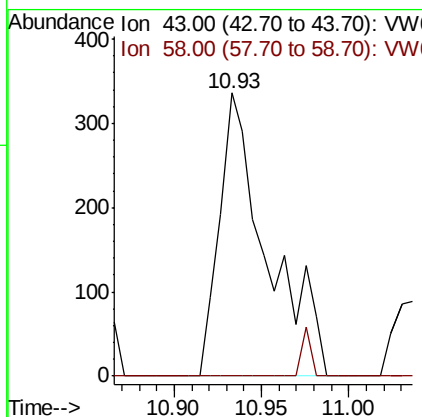
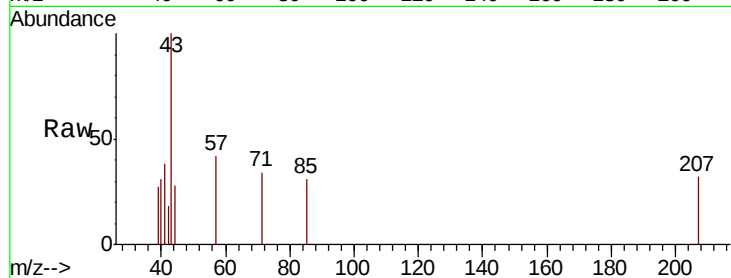




#59
2-Hexanone
Concen: 1.648 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

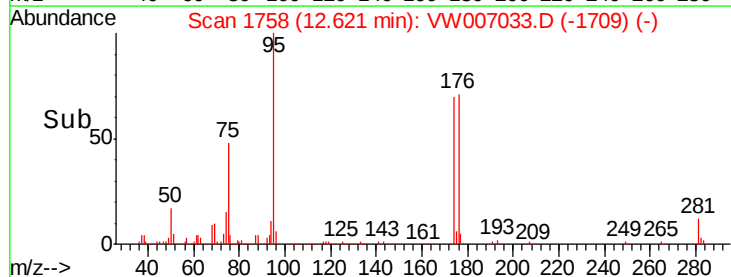
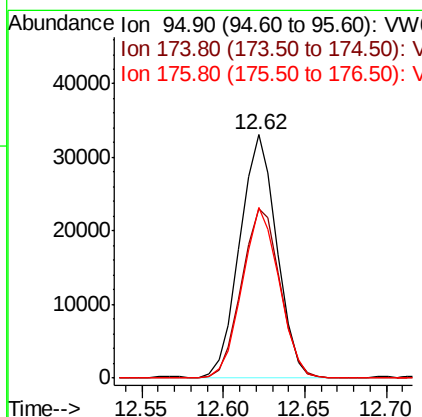
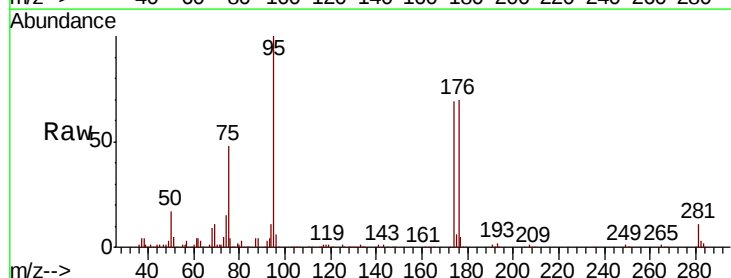
Instrument :
MSVOA_W
ClientSampleId :

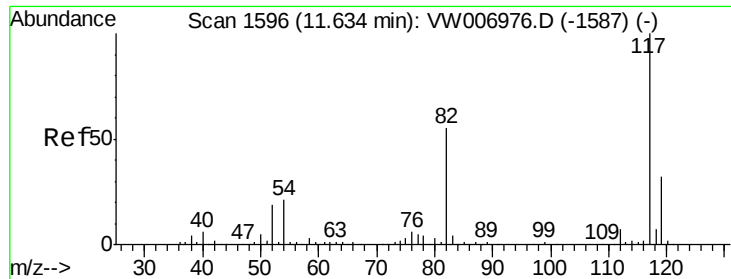
Tot Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 32.160 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion: 95 Resp: 52473
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.6
176 70.1 0.0 140.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampleId :

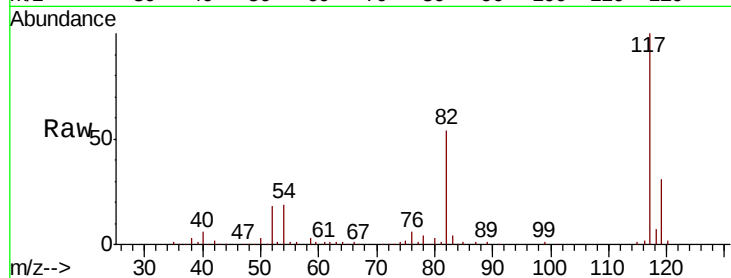
Tot Ion:117 Resp: 123960

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

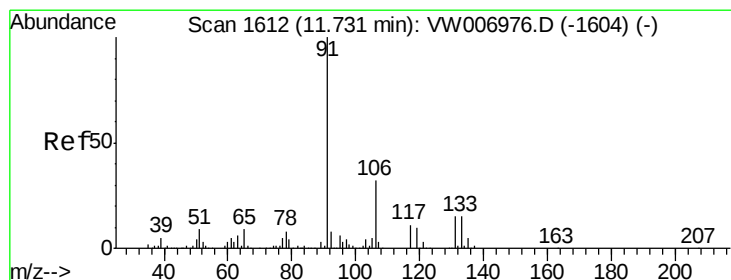
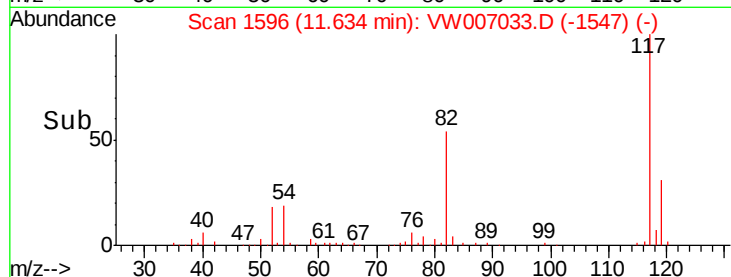
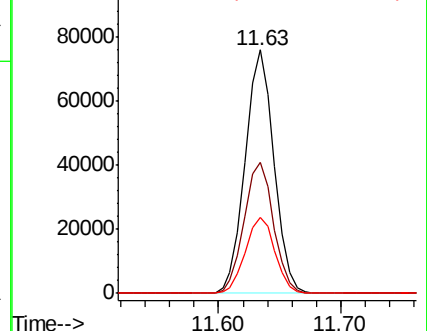
119 31.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 3.294 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007033.D

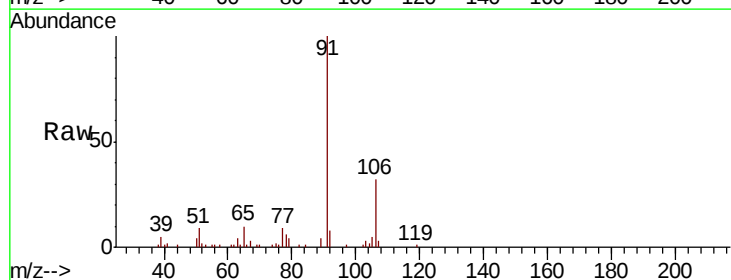
Acq: 22 Nov 2018 07:34

Tgt Ion: 91 Resp: 15654

Ion Ratio Lower Upper

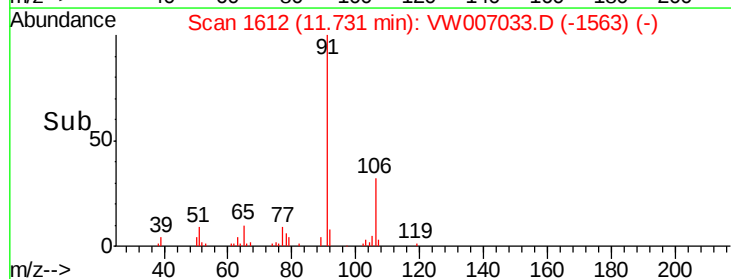
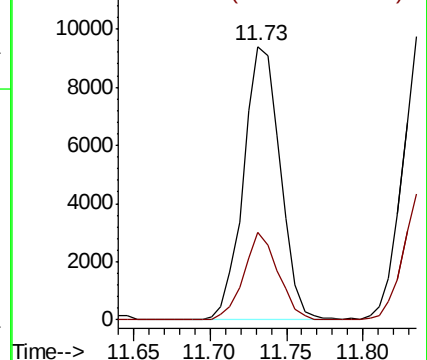
91 100

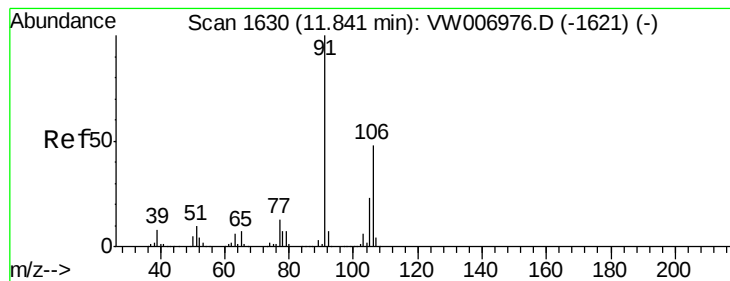
106 31.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.794 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

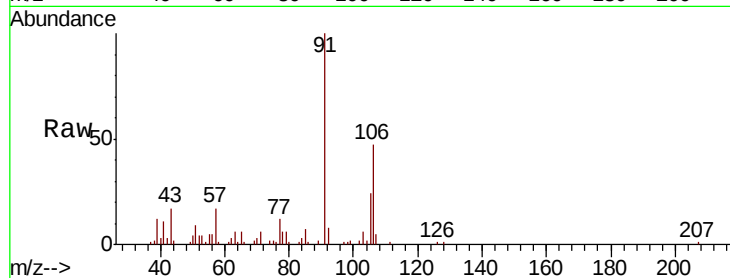
ClientSampleId :

Tot Ion:106 Resp: 8939

Ion Ratio Lower Upper

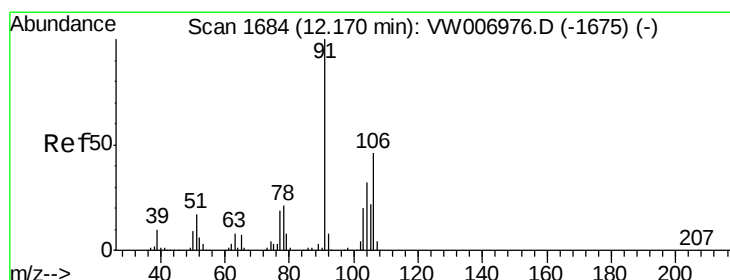
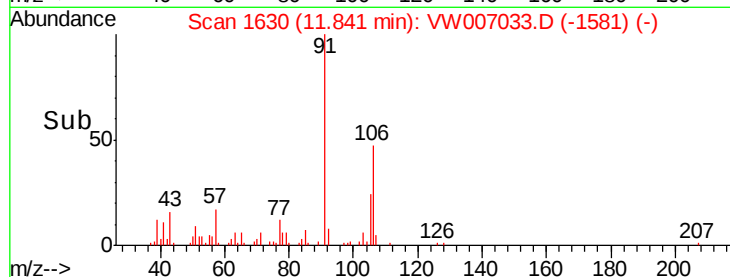
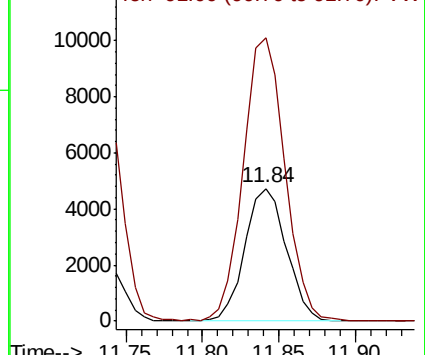
106 100

91 213.7 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 7.019 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW007033.D

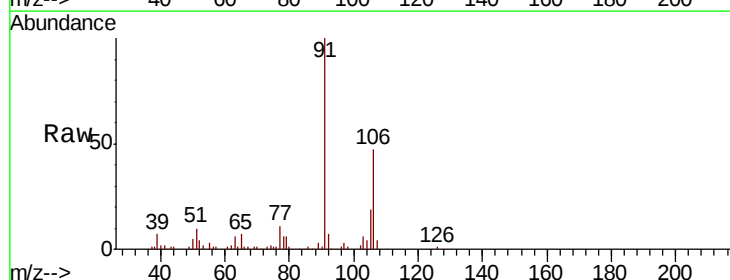
Acq: 22 Nov 2018 07:34

Tgt Ion:106 Resp: 12342

Ion Ratio Lower Upper

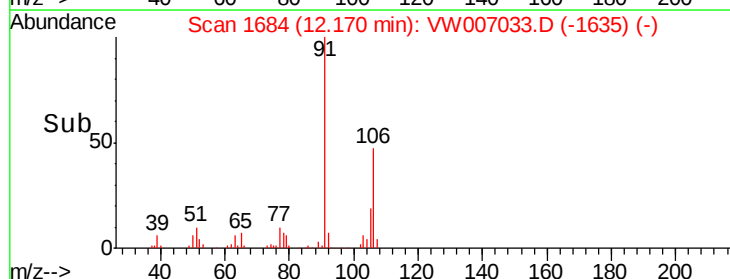
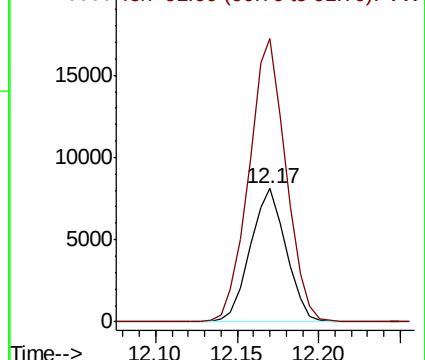
106 100

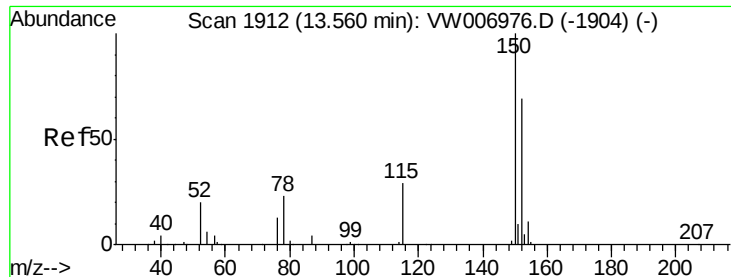
91 219.6 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampled :

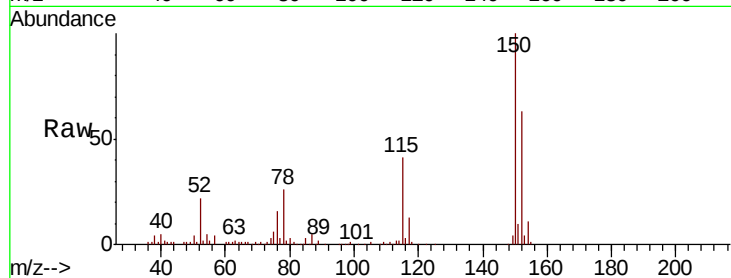
Tot Ion:152 Resp: 33271

Ion Ratio Lower Upper

152 100

115 64.6 31.4 94.2

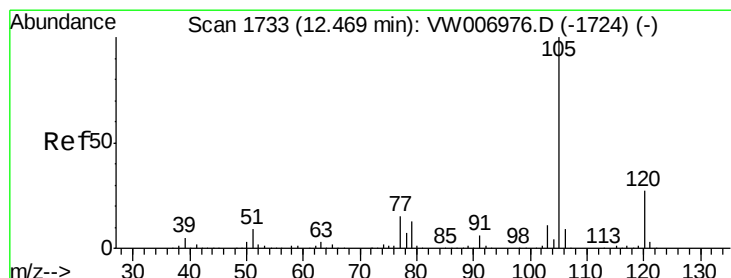
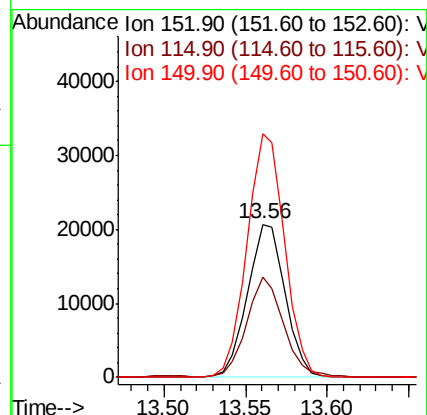
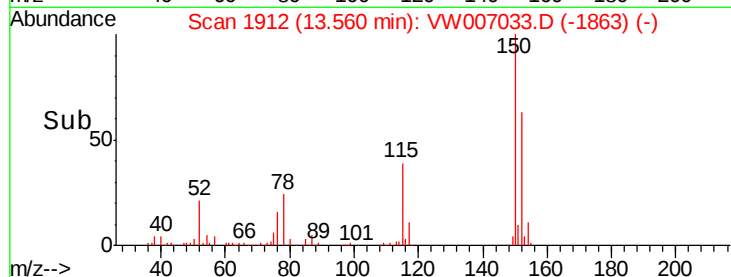
150 158.6 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.433 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007033.D

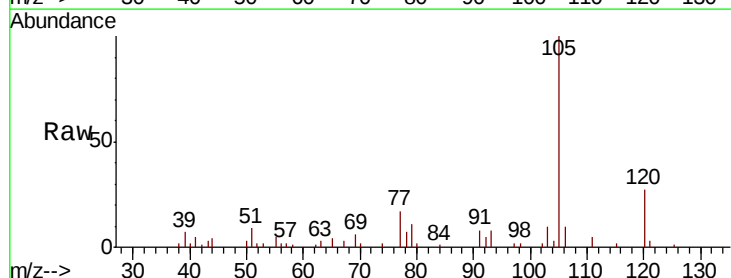
Acq: 22 Nov 2018 07:34

Tgt Ion:105 Resp: 6292

Ion Ratio Lower Upper

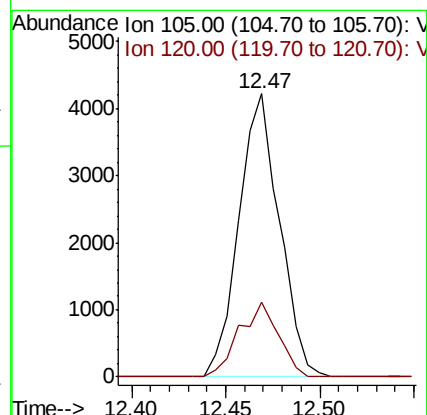
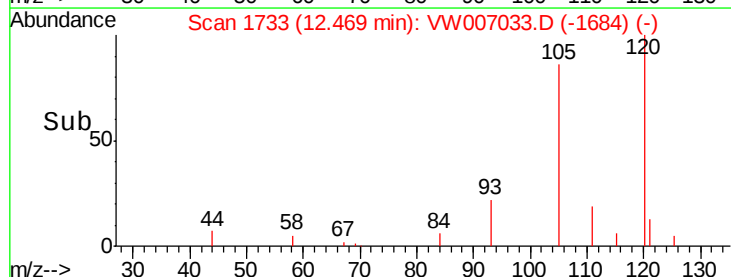
105 100

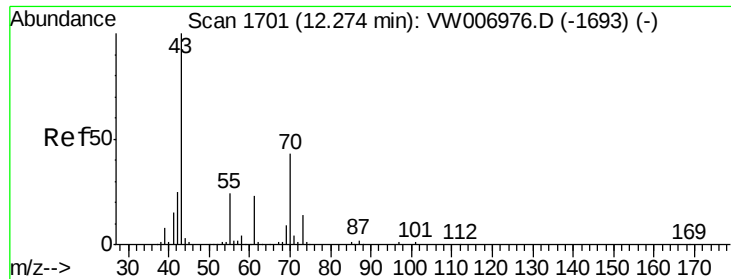
120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.753 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1193

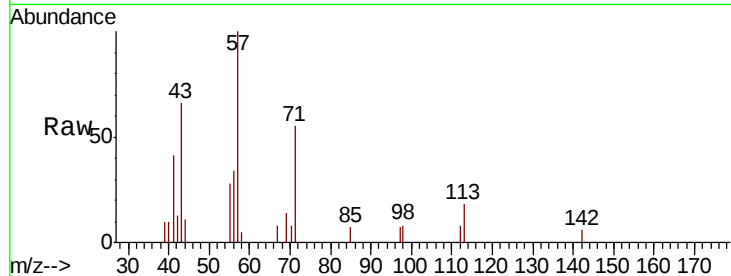
Ion Ratio Lower Upper

43 100

70 7.3 34.0 51.0#

55 0.0 19.4 29.0#

61 0.0 19.4 29.2#

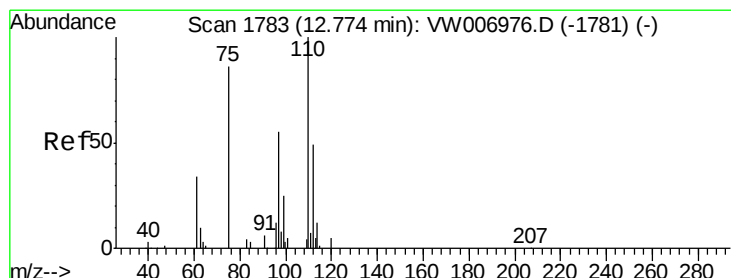
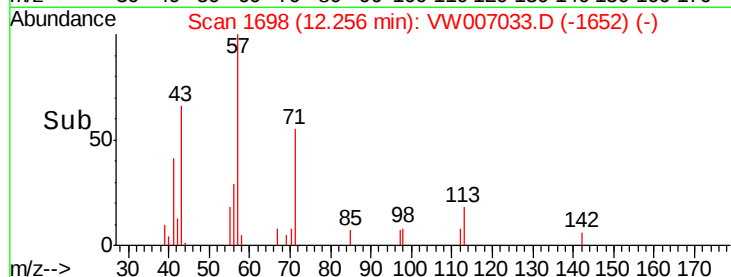
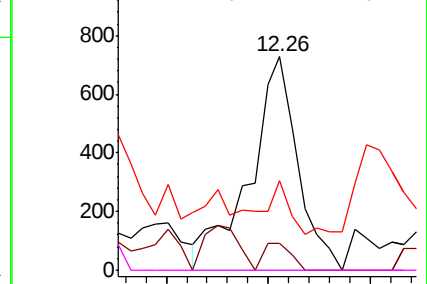


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 96.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007033.D

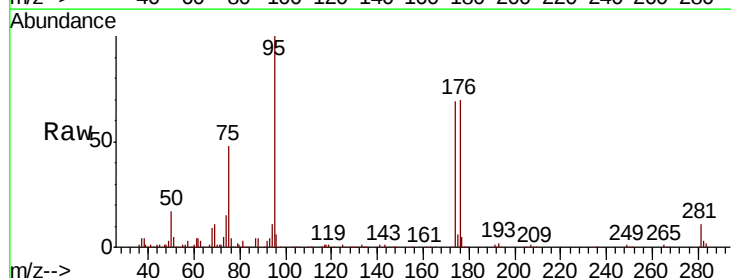
Acq: 22 Nov 2018 07:34

Tgt Ion: 75 Resp: 25300

Ion Ratio Lower Upper

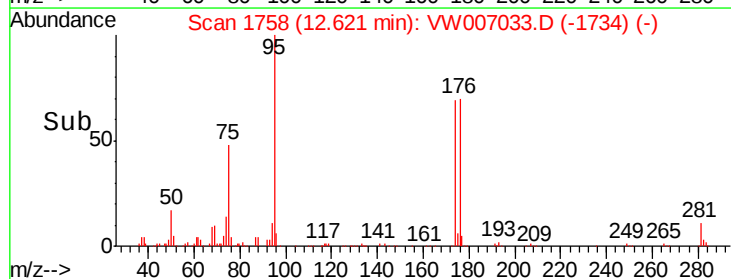
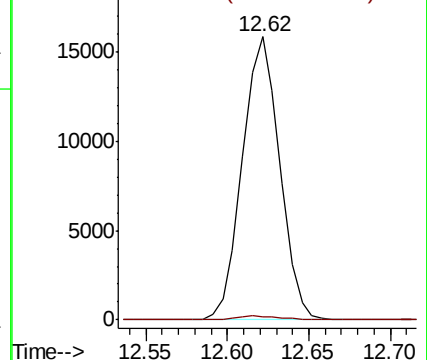
75 100

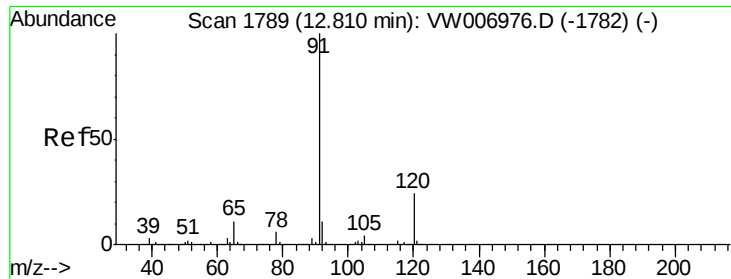
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 3.972 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

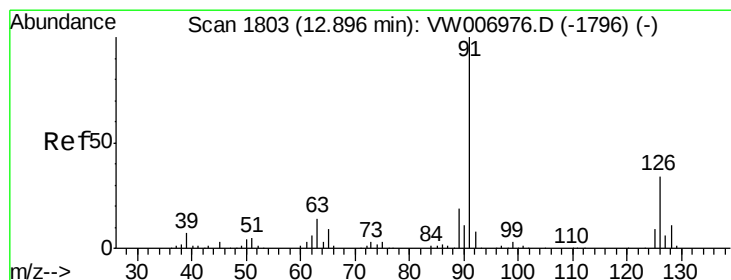
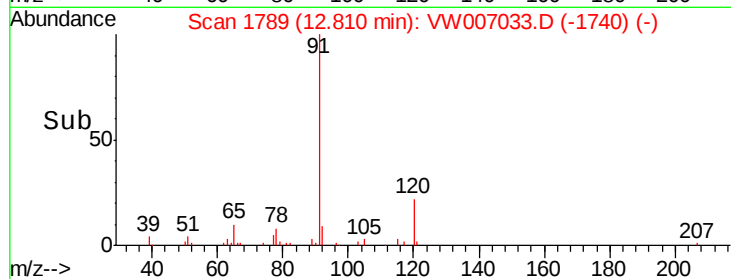
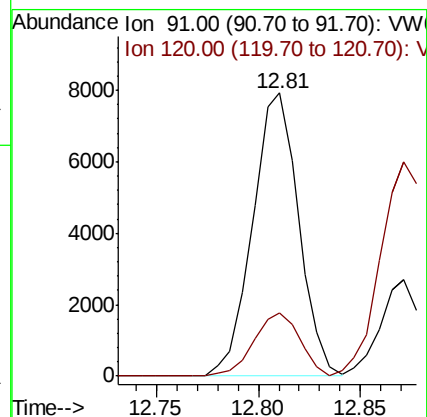
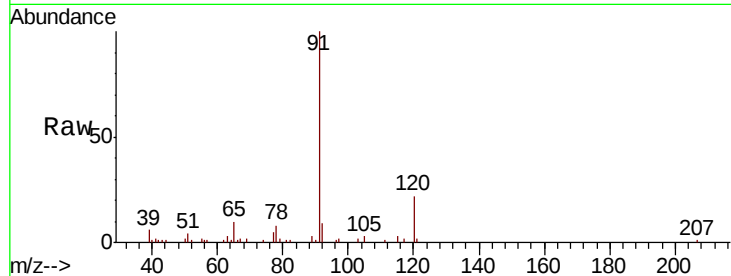
ClientSampled :

Tot Ion: 91 Resp: 12441

Ion Ratio Lower Upper

91 100

120 22.3 11.7 35.1



#79

2-Chlorotoluene

Concen: 2.259 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW007033.D

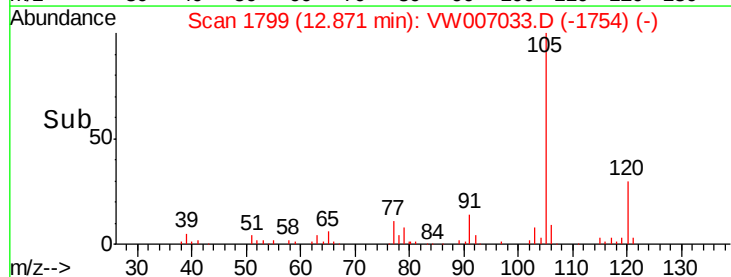
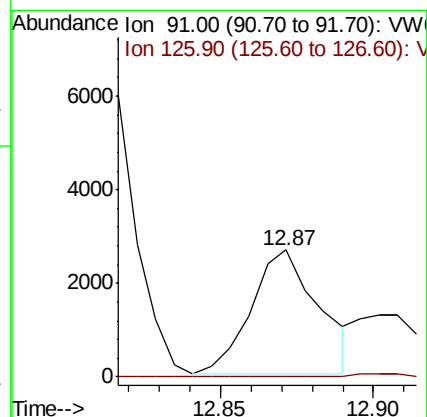
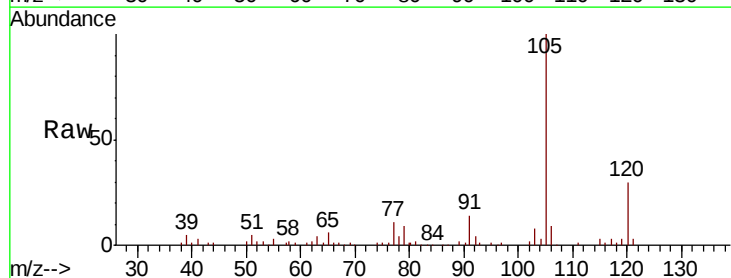
Acq: 22 Nov 2018 07:34

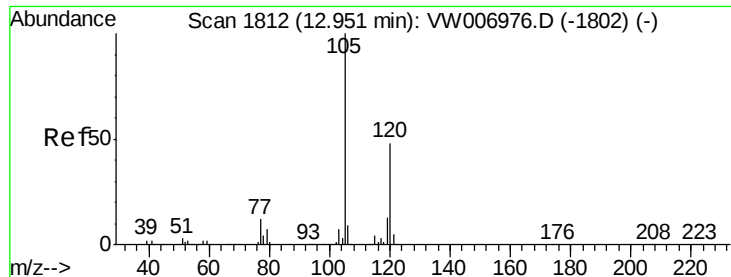
Tgt Ion: 91 Resp: 4079

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#

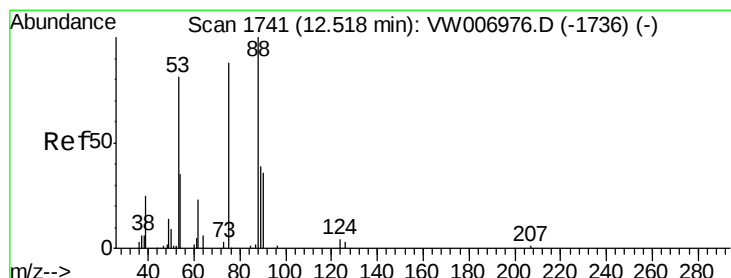
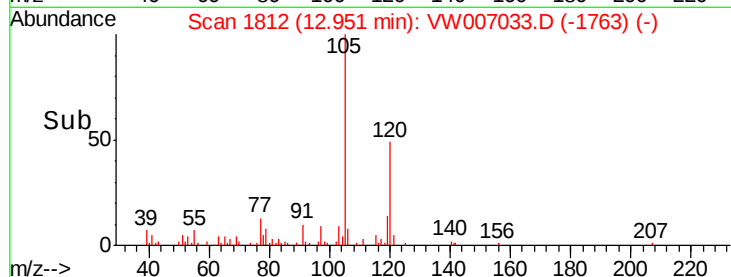
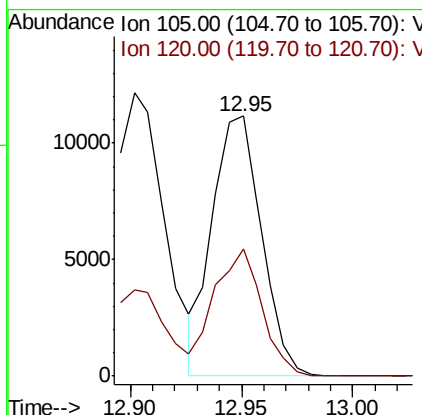
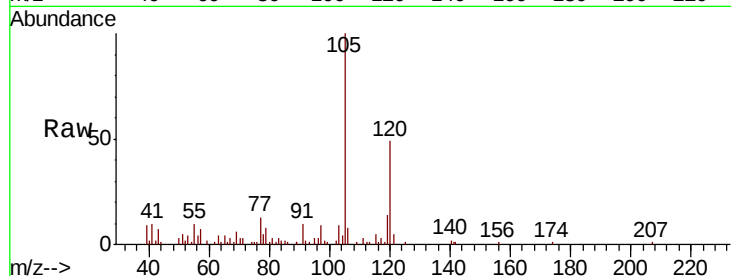




#80
 1,3,5-Trimethylbenzene
 Concen: 7.691 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

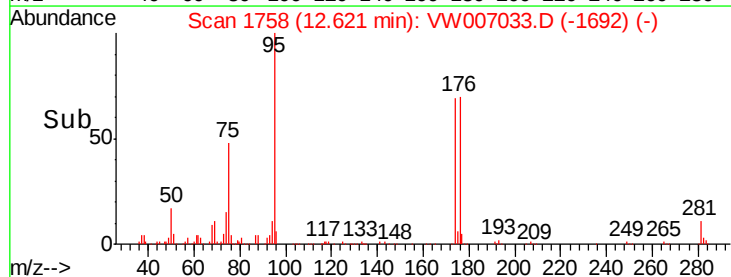
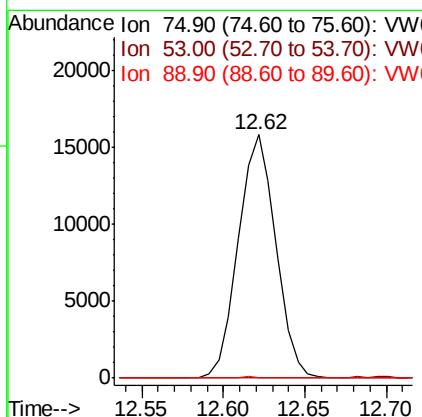
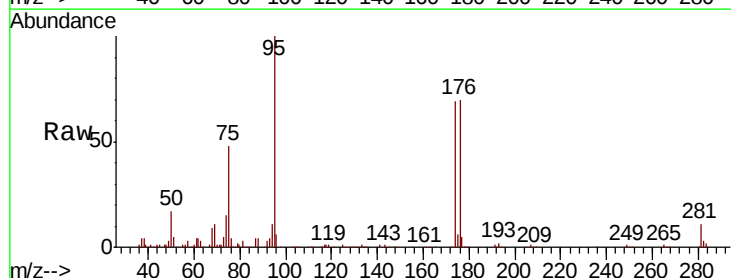
Instrument :
 MSVOA_W
 ClientSampled :

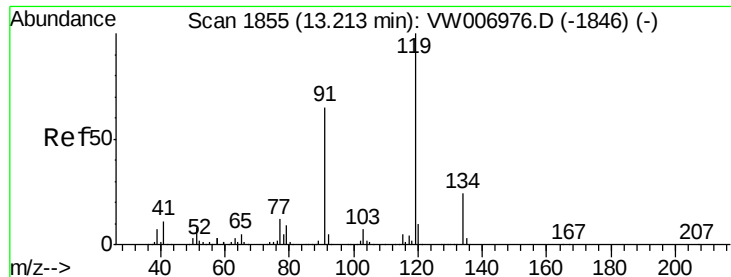
Tot Ion:105 Resp: 17198
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 242.954 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion: 75 Resp: 25300
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.1 39.3 58.9#

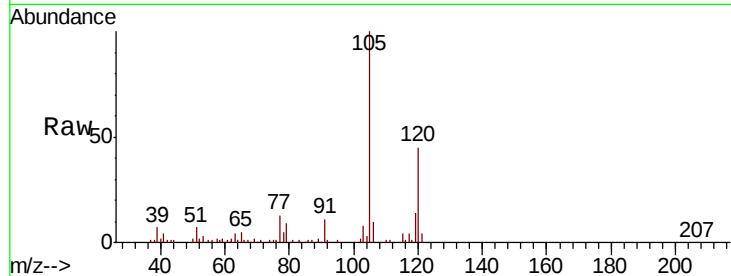




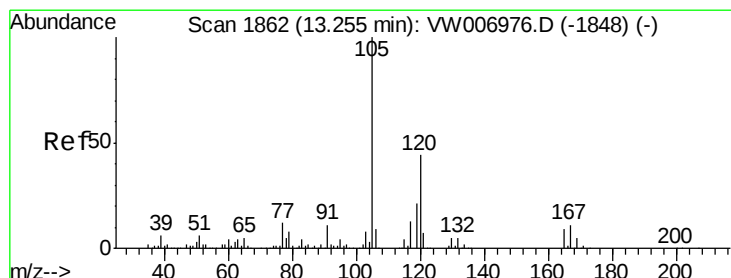
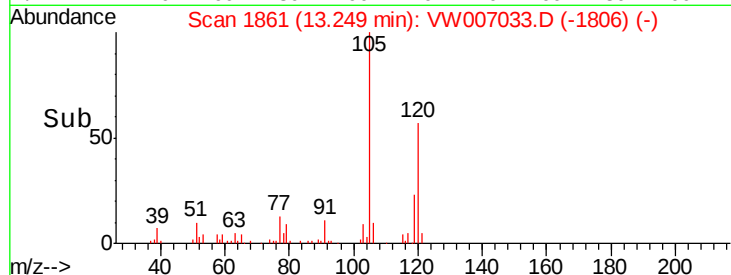
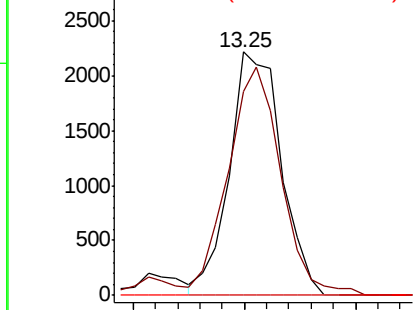
#83
tert-Butylbenzene
Concen: 1.852 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 3585
Ion Ratio Lower Upper
119 100
91 95.9 33.5 100.5
134 0.0 12.6 37.8#

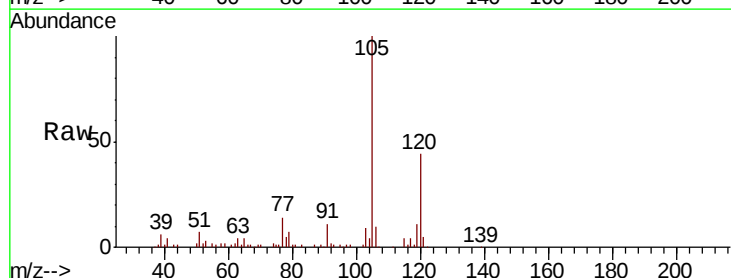


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

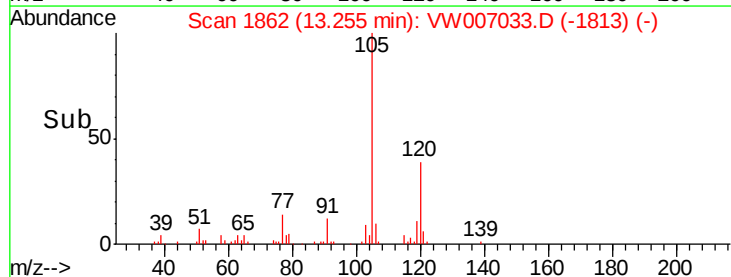
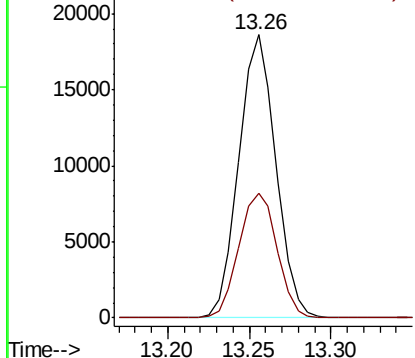


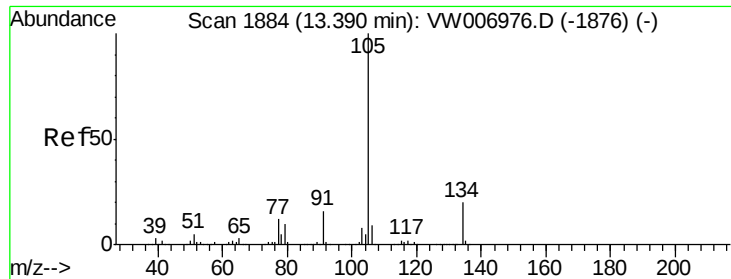
#84
1,2,4-Trimethylbenzene
Concen: 13.165 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion:105 Resp: 29328
Ion Ratio Lower Upper
105 100
120 45.5 21.8 65.3



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

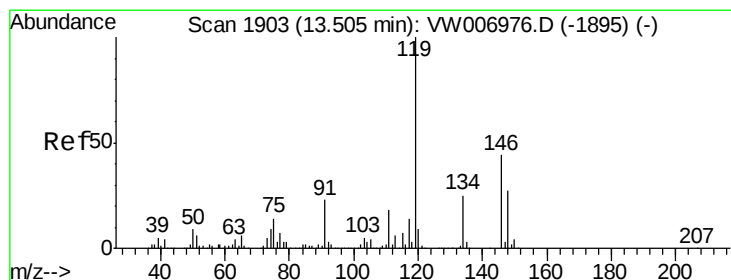
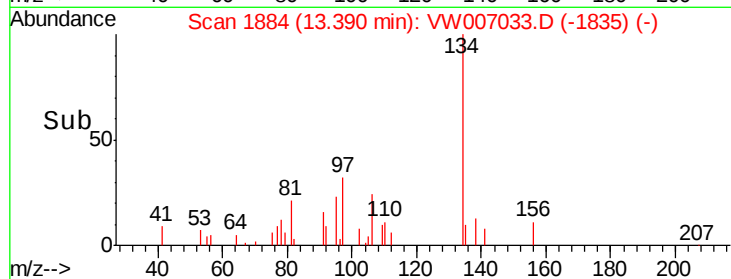
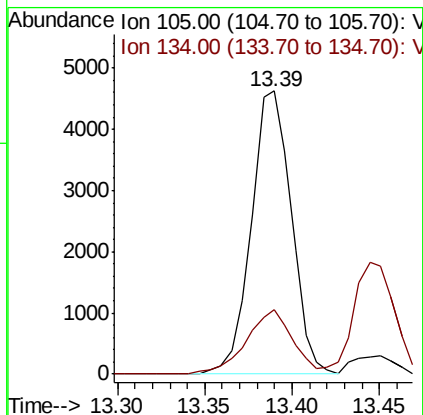
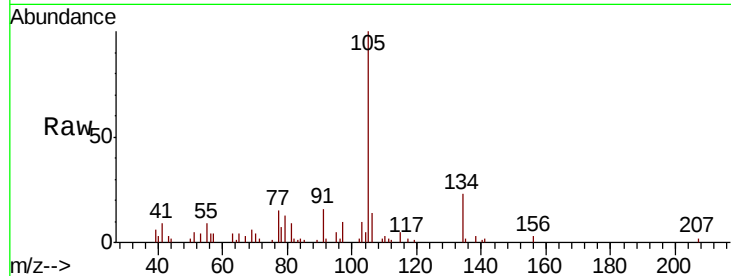




#85
 sec-Butylbenzene
 Concen: 2.690 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

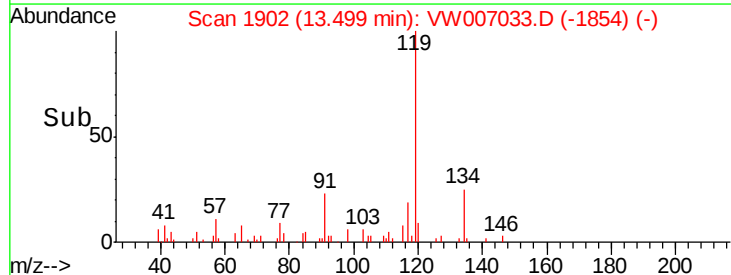
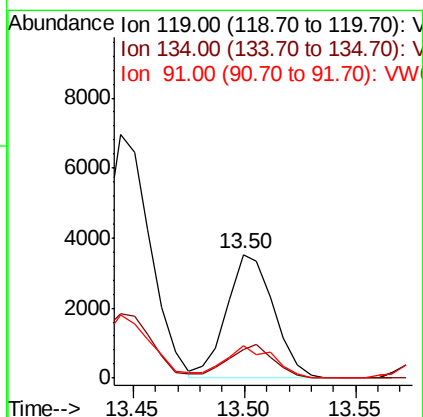
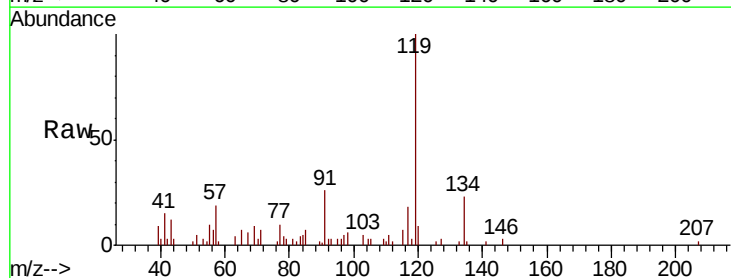
Instrument :
 MSVOA_W
 ClientSampled :

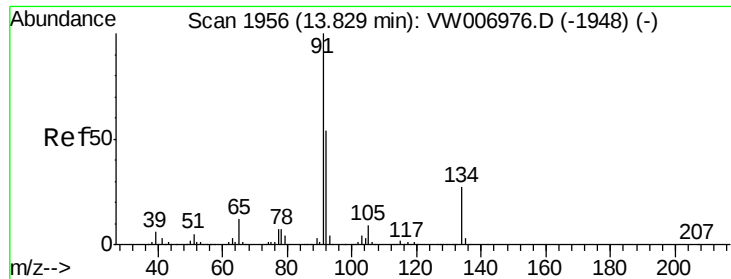
Tot Ion:105 Resp: 7358
 Ion Ratio Lower Upper
 105 100
 134 26.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 2.156 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion:119 Resp: 5203
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 26.0 12.2 36.6





#89

n-Butylbenzene

Concen: 2.029 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampled :

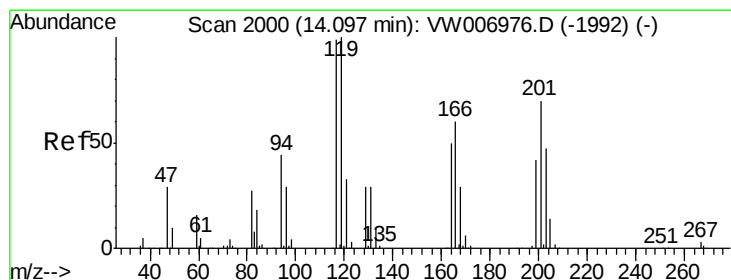
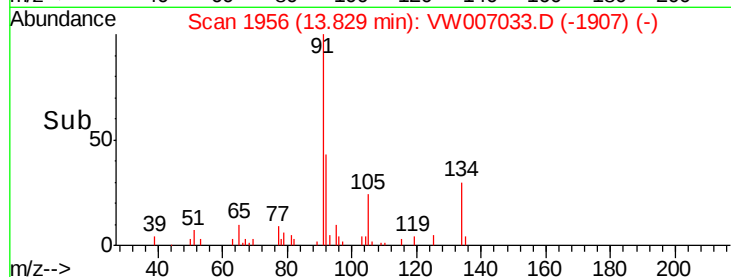
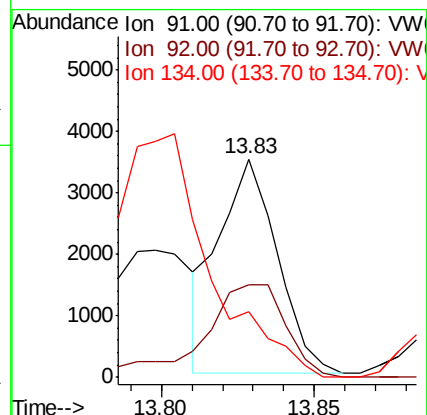
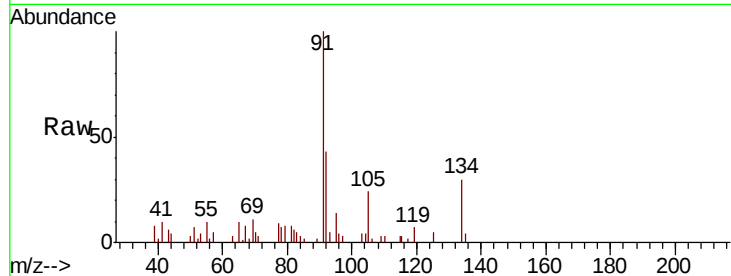
Tot Ion: 91 Resp: 4608

Ion Ratio Lower Upper

91 100

92 59.9 26.8 80.4

134 0.0 13.3 39.8#



#90

Hexachloroethane

Concen: 4.624 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007033.D

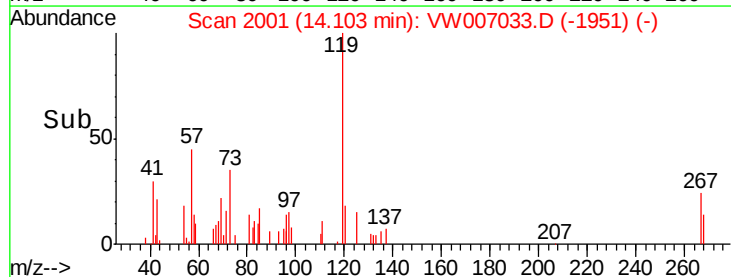
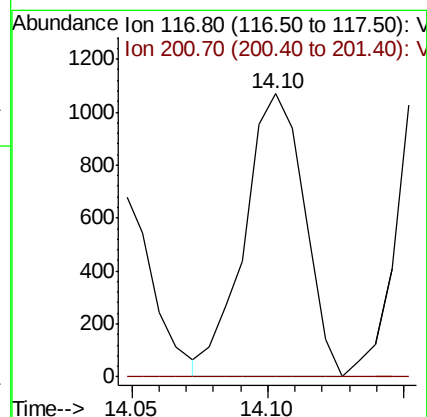
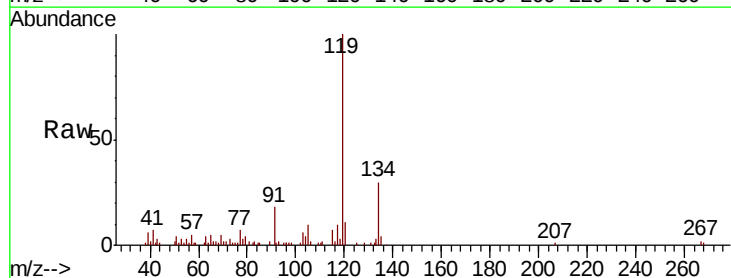
Acq: 22 Nov 2018 07:34

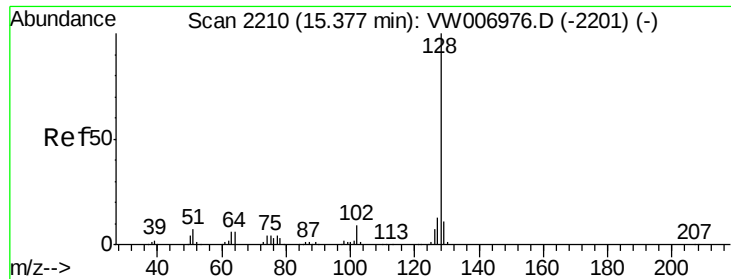
Tgt Ion: 117 Resp: 1629

Ion Ratio Lower Upper

117 100

201 0.0 35.9 107.5#

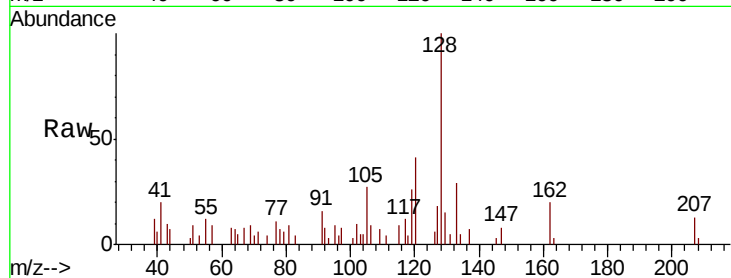




#95
Naphthalene
Concen: 2.994 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 3561
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 12.3 8.7 13.1



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

