

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007890.D
 Acq On : 24 Dec 2018 15:51
 Operator : SY/AP
 Sample : J6426-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:03:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	66848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4701	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	36061	91.74	ug/l	0.00
Spiked Amount			Recovery	=	183.48%	
35) Dibromofluoromethane	7.88	113	27600	67.68	ug/l	0.00
Spiked Amount			Recovery	=	135.36%	
50) Toluene-d8	10.32	98	37427	24.34	ug/l	0.00
Spiked Amount			Recovery	=	48.68%	
62) 4-Bromofluorobenzene	12.62	95	7529	12.68	ug/l	0.00
Spiked Amount			Recovery	=	25.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	401	15.123	ug/l #	73
15) Acrylonitrile	5.38	53	126	1.859	ug/l #	49
16) Acetone	4.12	43	3042	41.326	ug/l	97
18) Methyl Acetate	4.67	43	794	4.536	ug/l #	59
20) Methylene Chloride	4.91	84	1065	Below Cal	#	83
25) 2-Butanone	7.18	43	292	3.387	ug/l	94
26) 2,2-Dichloropropane	7.15	77	498	1.065	ug/l #	53
29) Tetrahydrofuran	7.54	42	170	3.306	ug/l #	36
31) Cyclohexane	7.95	56	910	1.555	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	2998	4.647	ug/l #	47
38) Carbon Tetrachloride	7.95	117	3756	4.943	ug/l #	11
51) 4-Methyl-2-Pentanone	10.21	43	759	3.600	ug/l	90
52) Toluene	10.38	92	2224	1.925	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	1581	4.877	ug/l #	19
56) Ethyl methacrylate	10.66	69	659	1.720	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.92	63	516	2.950	ug/l #	77
59) 2-Hexanone	10.98	43	400	2.698	ug/l #	50
68) m/p-Xylenes	11.83	106	1247	3.623	ug/l	100
69) o-Xylene	12.17	106	470	1.457	ug/l	86
74) N-amyl acetate	12.25	43	862	14.005	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.69	83	982	18.432	ug/l #	62
76) 1,2,3-Trichloropropane	12.62	75	4299	118.318	ug/l #	100
79) 2-Chlorotoluene	12.89	91	373	1.548	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	734	2.395	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	4299	248.358	ug/l #	13
83) tert-Butylbenzene	13.44	119	515	1.915	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1660	5.367	ug/l	89
85) sec-Butylbenzene	13.39	105	575	1.551	ug/l	96
86) p-Isopropyltoluene	13.51	119	343	1.018	ug/l	89
90) Hexachloroethane	14.05	117	122	2.062	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.15	180	124	1.234	ug/l #	1
95) Naphthalene	15.37	128	1169	6.292	ug/l #	91

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QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

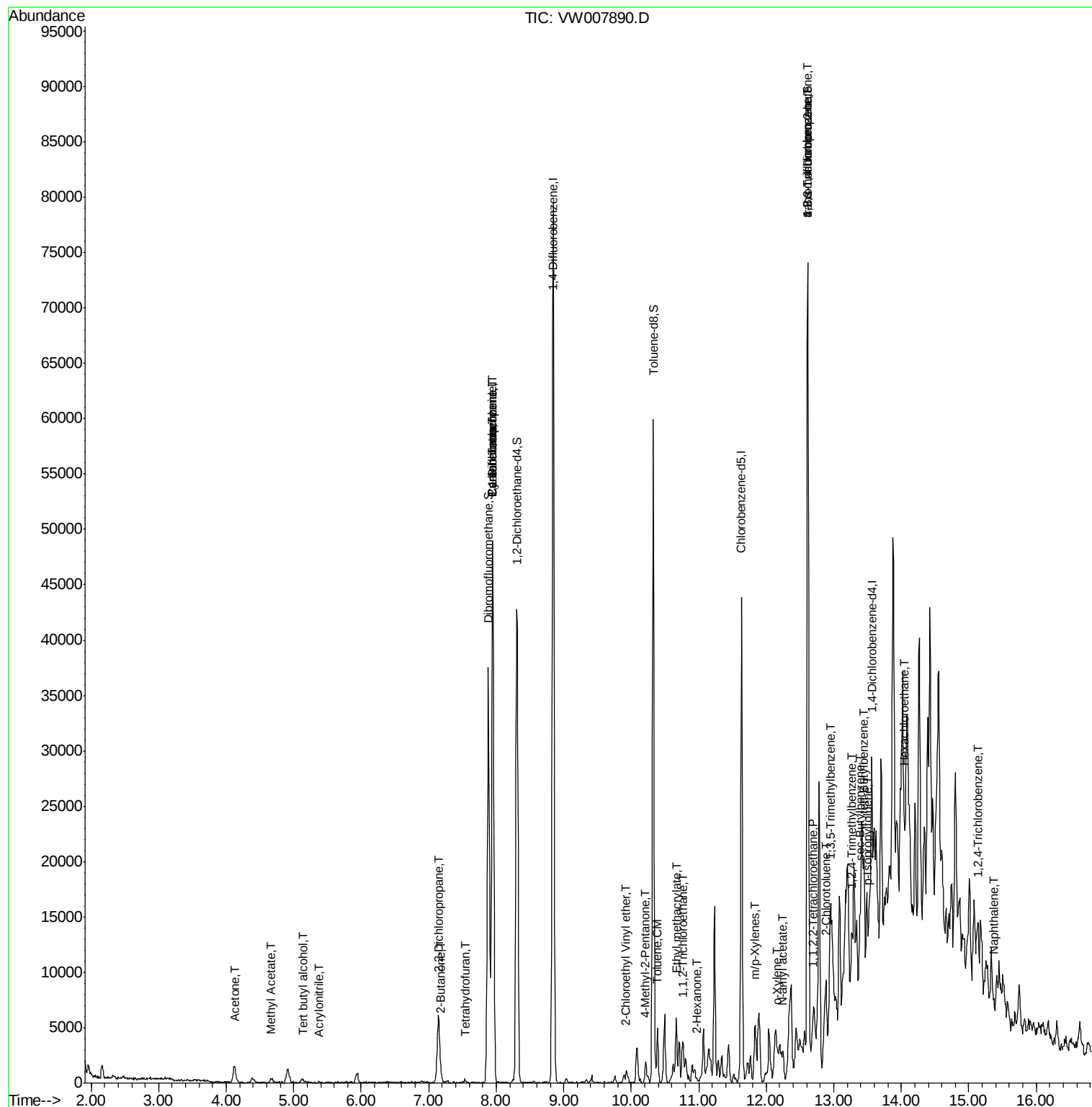
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

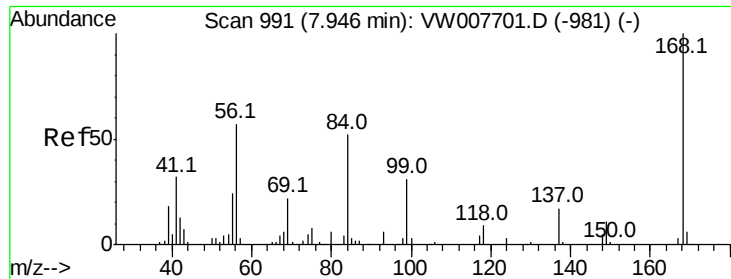
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
Data File : VW007890.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

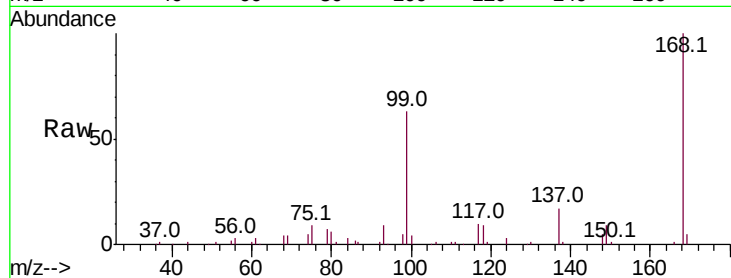
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 35864

Ion Ratio Lower Upper

168 100

99 63.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

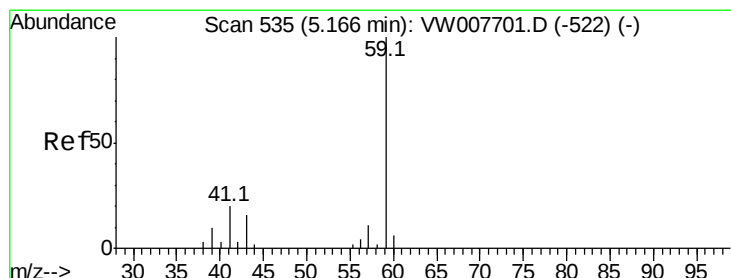
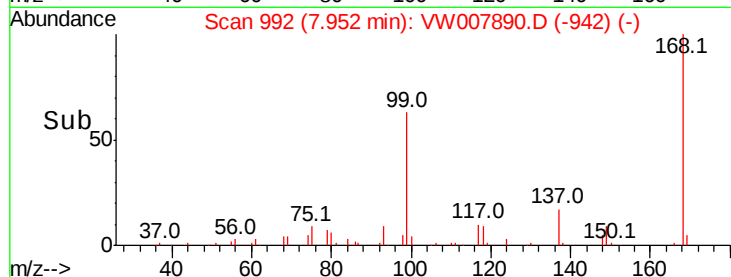
15000

10000

5000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 15.123 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW007890.D

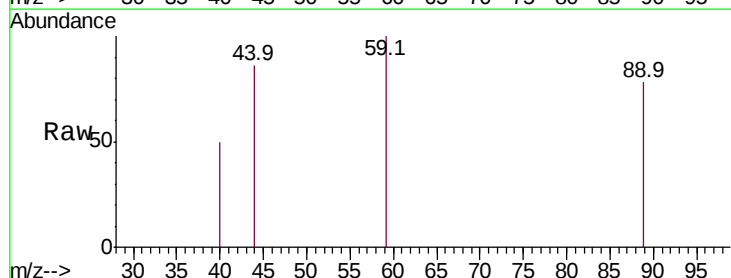
Acq: 24 Dec 2018 15:51

Tgt Ion: 59 Resp: 401

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

120

100

80

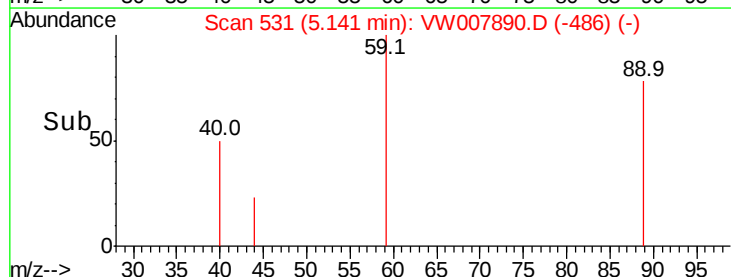
60

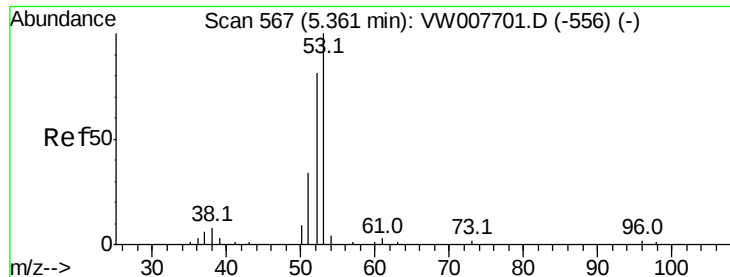
40

20

0

Time--> 5.05 5.10 5.15 5.20





#15

Acrylonitrile

Concen: 1.859 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.02 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampled :

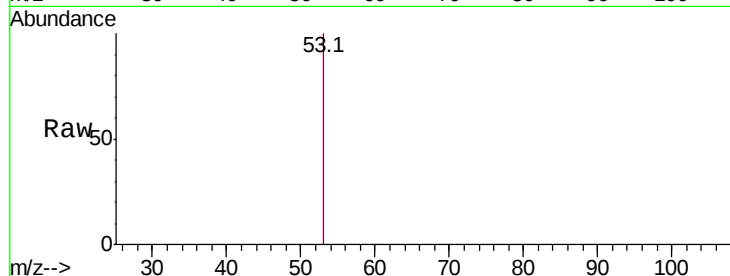
Tot Ion: 53 Resp: 126

Ion Ratio Lower Upper

53 100

52 42.1 67.0 100.4#

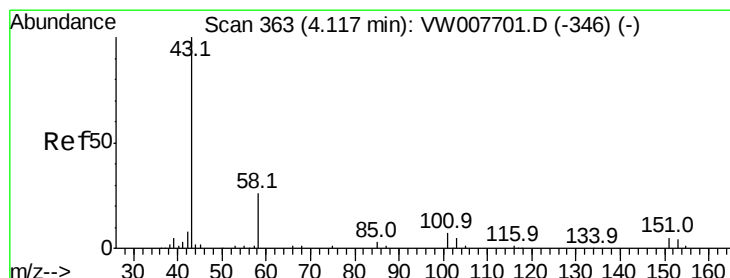
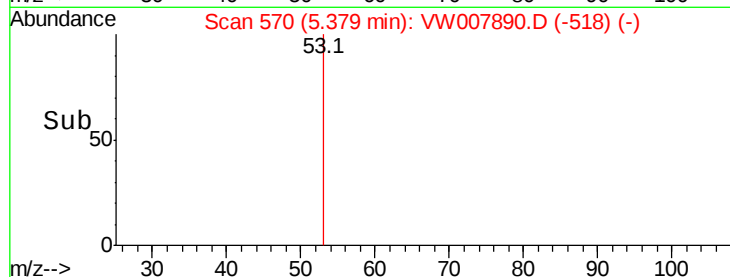
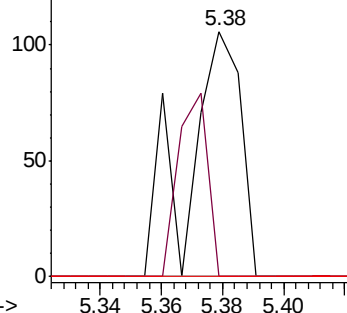
51 0.0 30.2 45.2#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 41.326 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007890.D

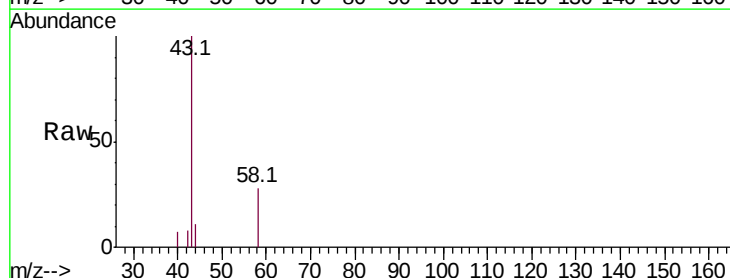
Acq: 24 Dec 2018 15:51

Tgt Ion: 43 Resp: 3042

Ion Ratio Lower Upper

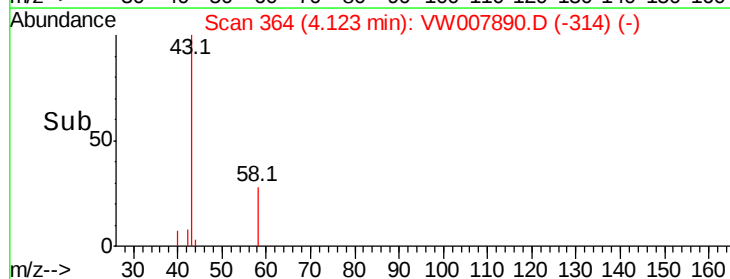
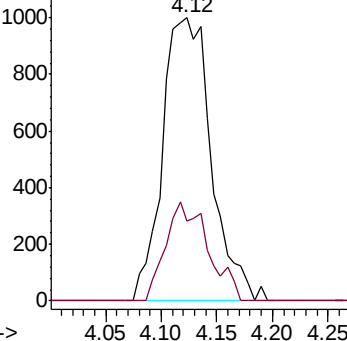
43 100

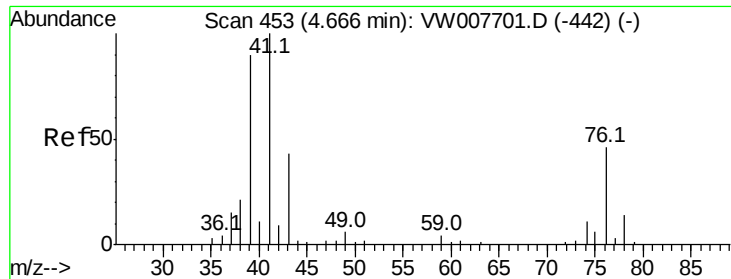
58 28.2 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

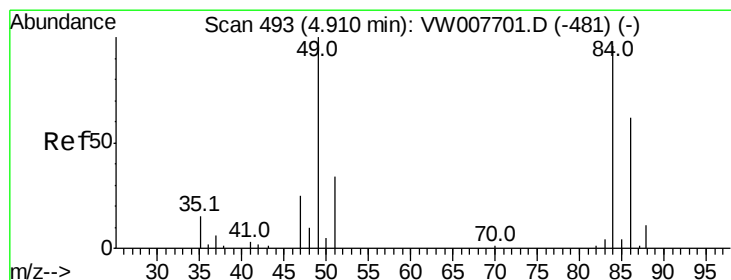
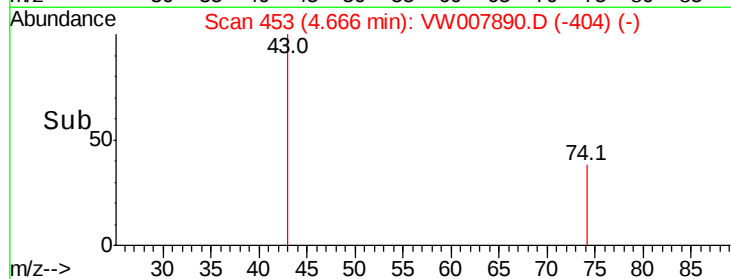
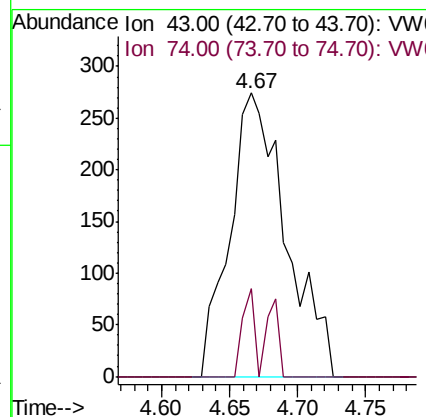
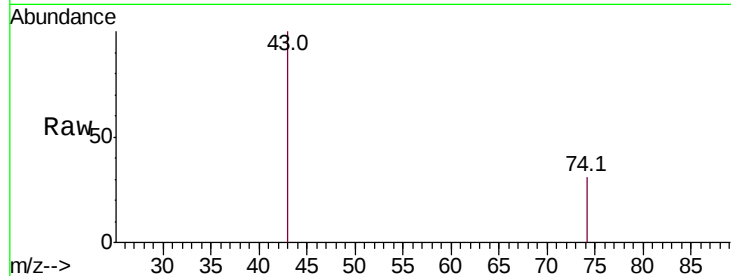




#18
Methyl Acetate
Concen: 4.536 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

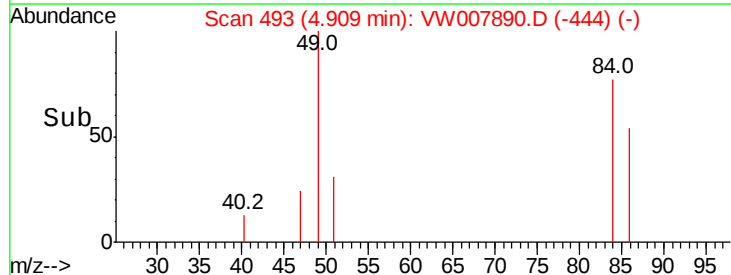
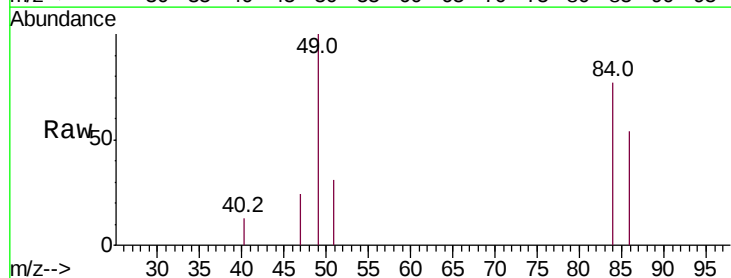
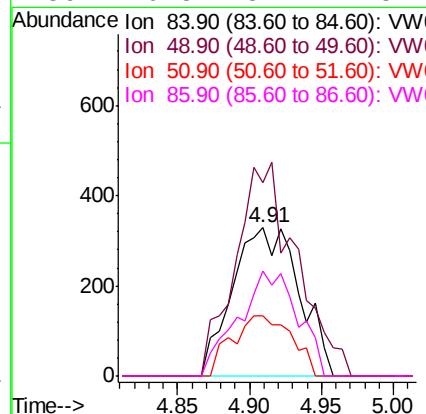
Instrument :
MSVOA_W
ClientSampled :

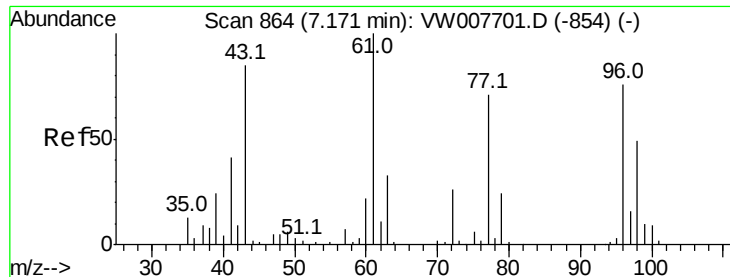
Tot Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 6.5 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion: 84 Resp: 1065
Ion Ratio Lower Upper
84 100
49 130.7 83.7 125.5#
51 41.0 28.2 42.2
86 70.8 52.2 78.2





#25

2-Butanone

Concen: 3.387 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

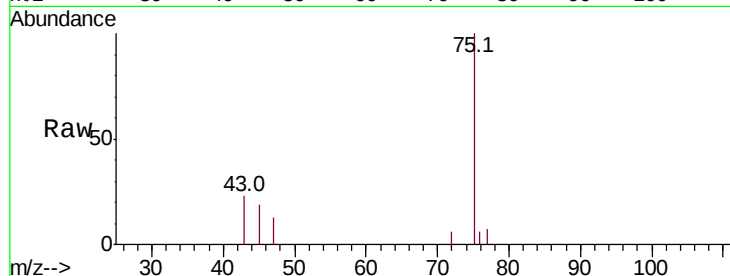
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 292

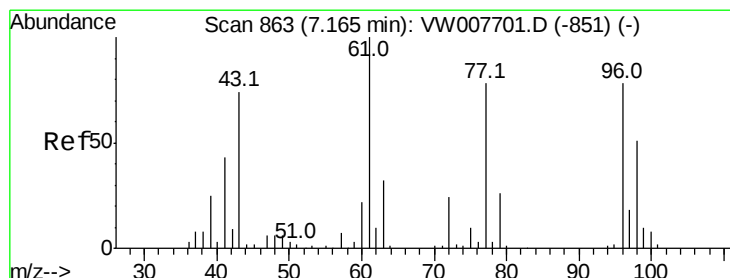
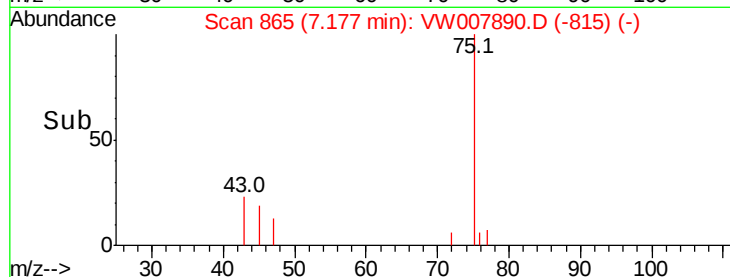
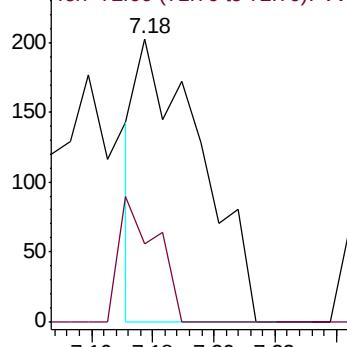
Ion Ratio Lower Upper

43 100

72 27.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.065 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW007890.D

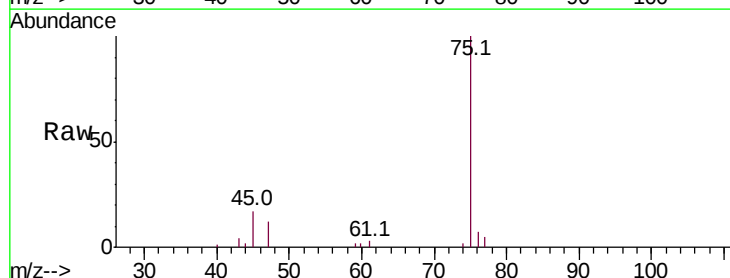
Acq: 24 Dec 2018 15:51

Tgt Ion: 77 Resp: 498

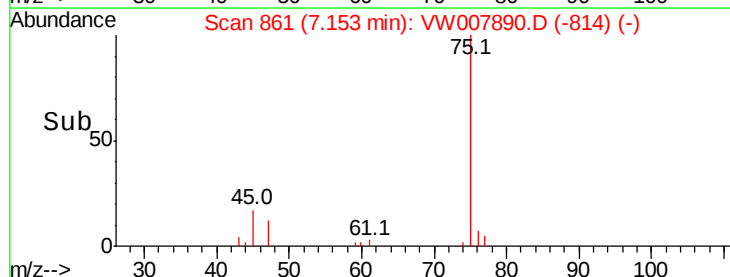
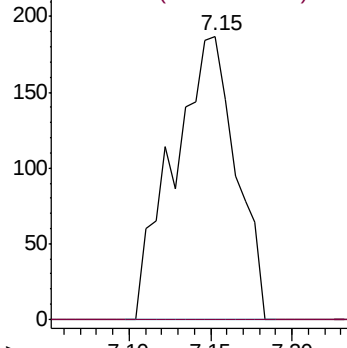
Ion Ratio Lower Upper

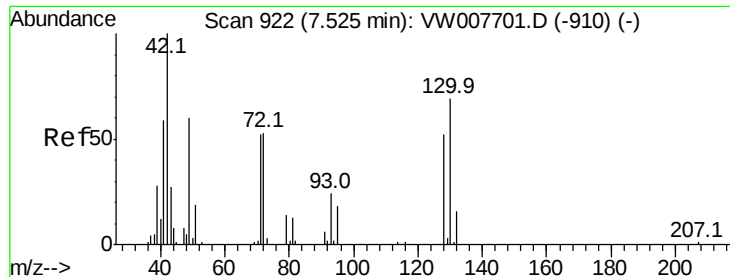
77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW





#29

Tetrahydrofuran

Concen: 3.306 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampled :

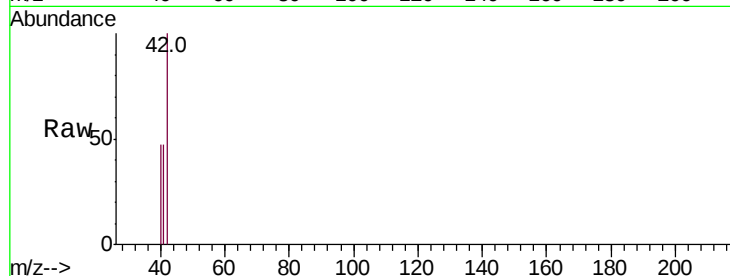
Tot Ion: 42 Resp: 170

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

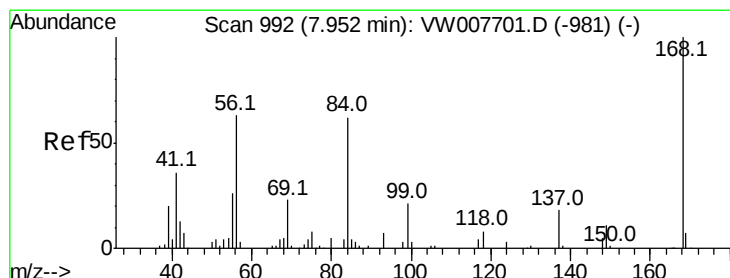
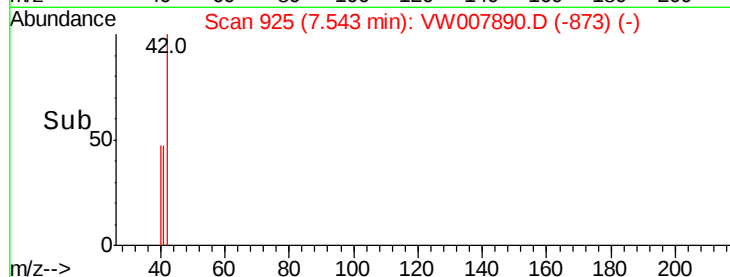
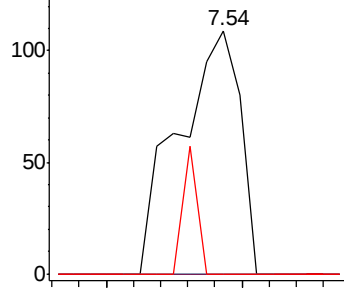
71 12.4 39.0 58.6#



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: 1.555 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

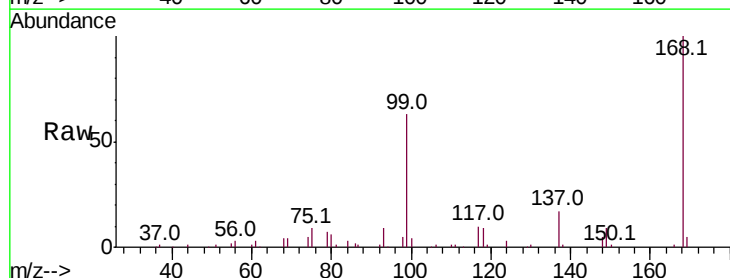
Tgt Ion: 56 Resp: 910

Ion Ratio Lower Upper

56 100

69 152.1 29.7 44.5#

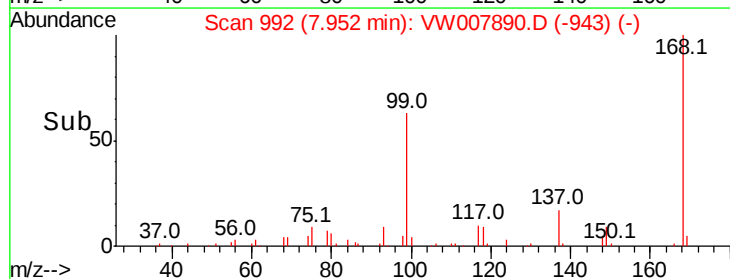
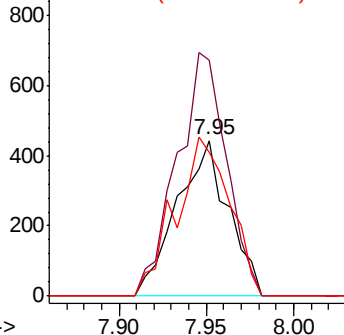
84 92.3 78.9 118.3

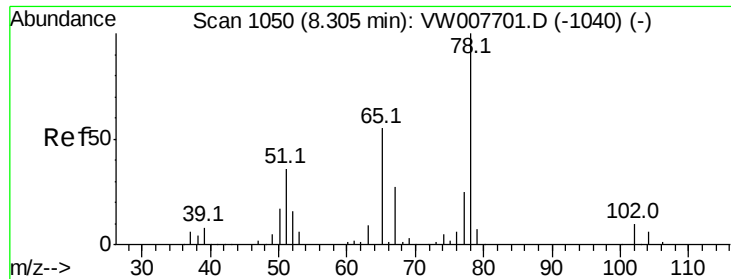


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

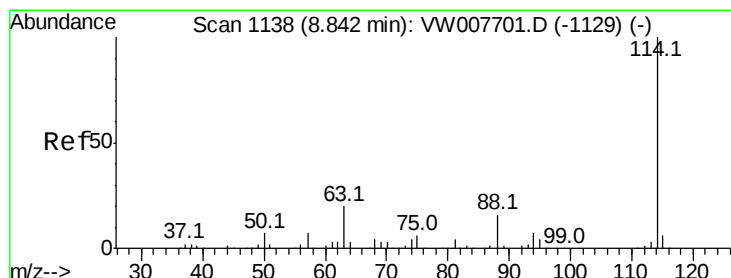
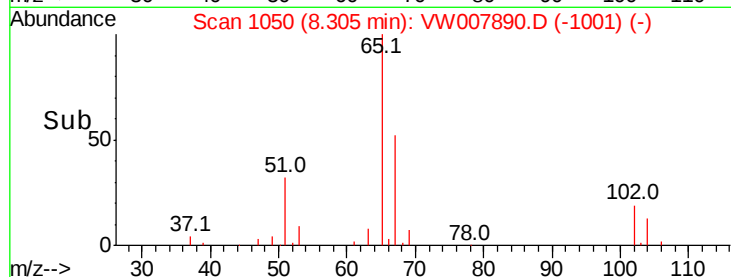
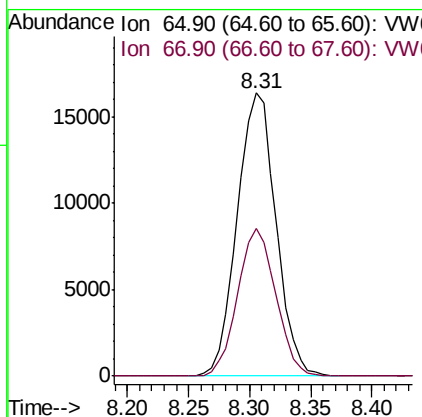
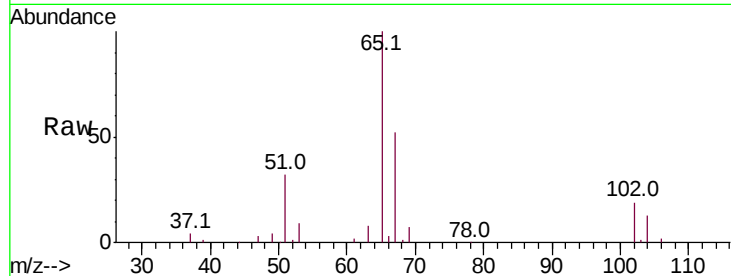




#33
 1,2-Dichloroethane-d4
 Concen: 91.738 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

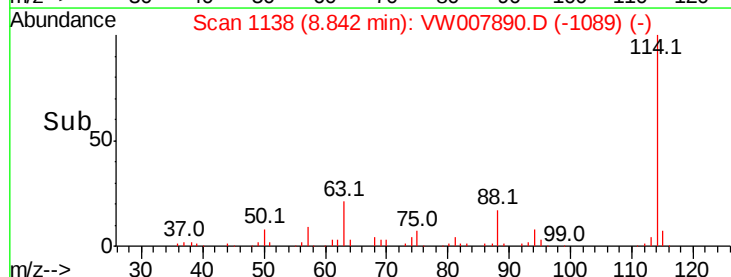
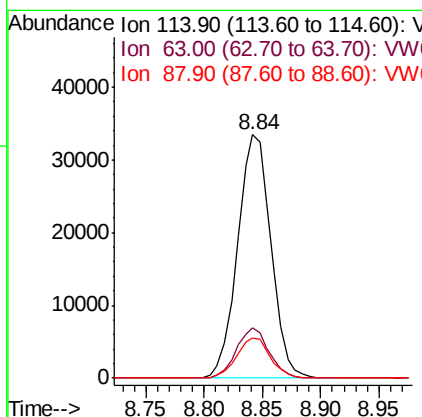
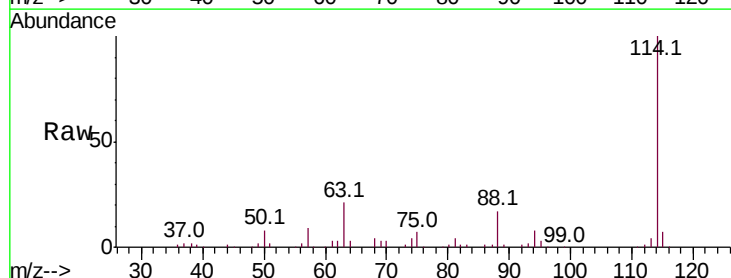
Instrument :
 MSVOA_W
 ClientSampleId :

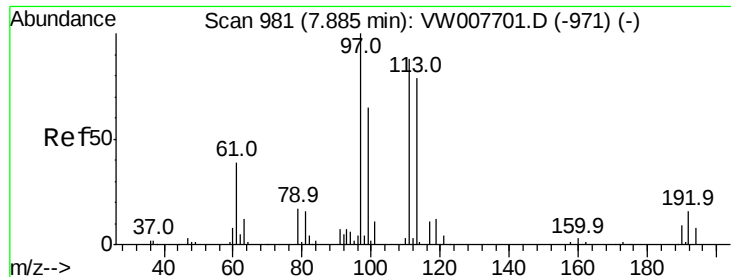
Tot Ion: 65 Resp: 36061
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

Tgt Ion: 114 Resp: 66848
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 67.679 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

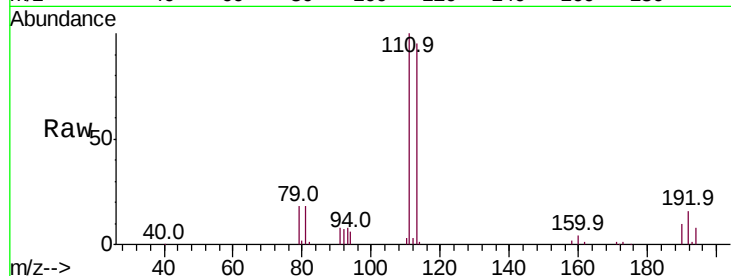
Tot Ion:113 Resp: 27600

Ion Ratio Lower Upper

113 100

111 100.0 82.6 124.0

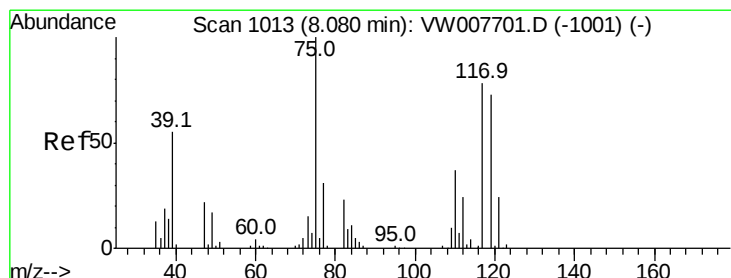
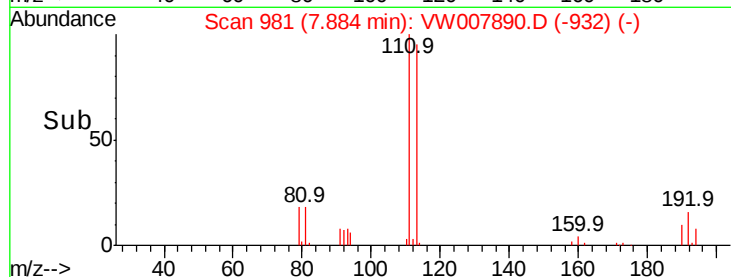
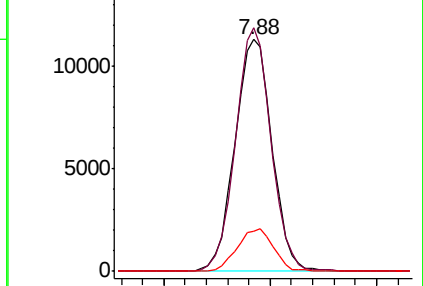
192 17.9 15.5 23.3



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: 4.647 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

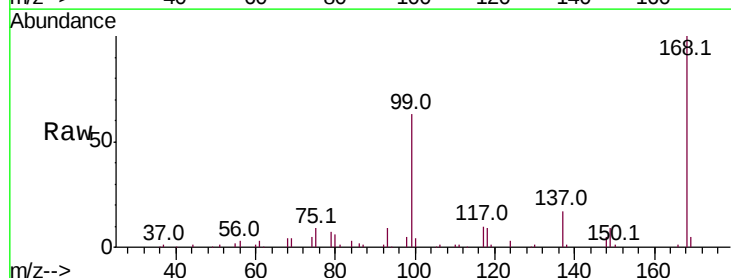
Tgt Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

110 7.3 18.6 55.8#

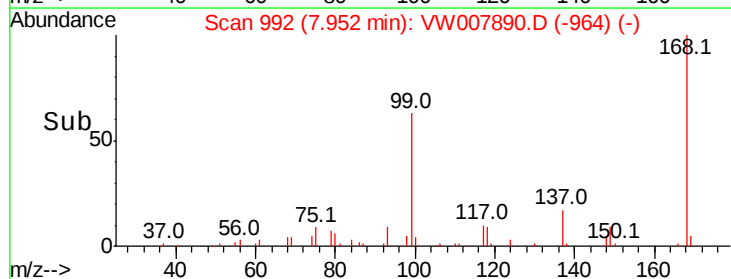
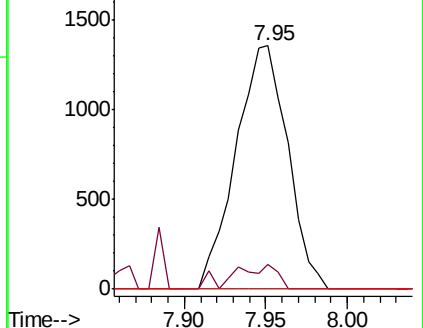
77 0.0 25.0 37.4#

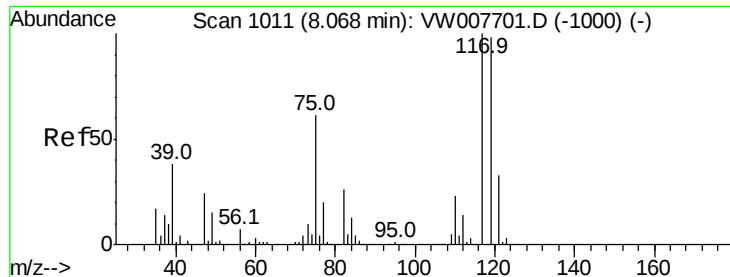


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

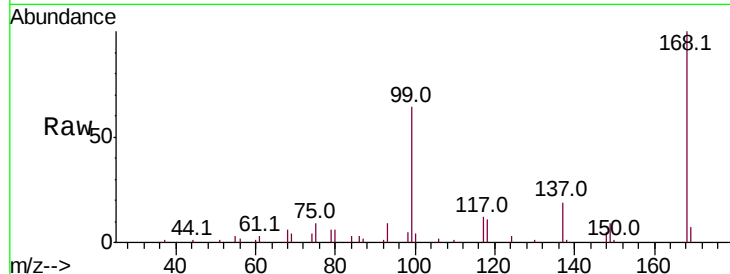




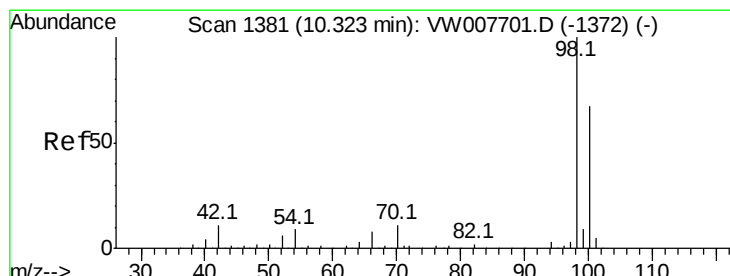
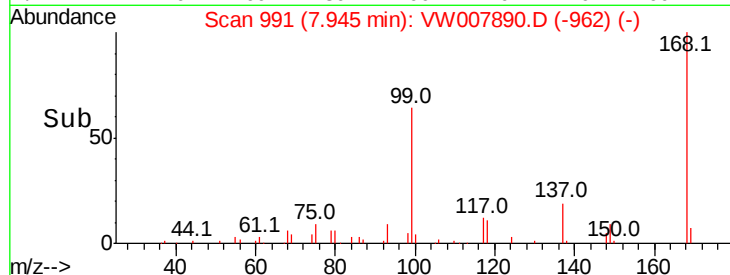
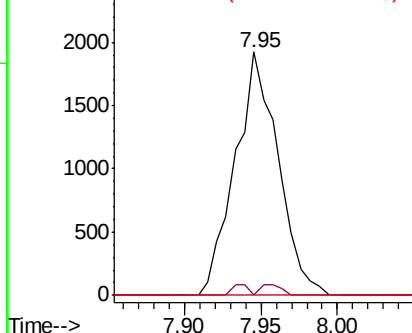
#38
Carbon Tetrachloride
Concen: 4.943 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 3756
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 26.1 39.1#

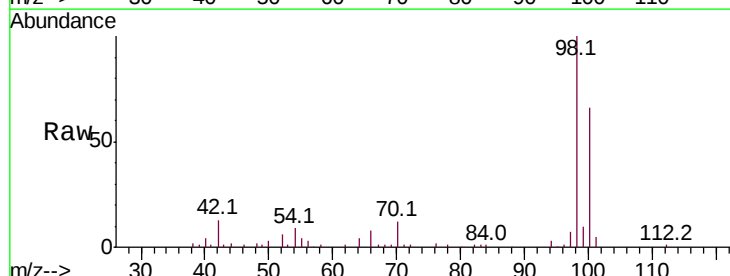


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

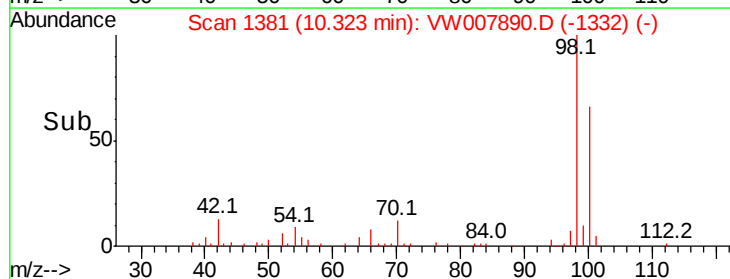
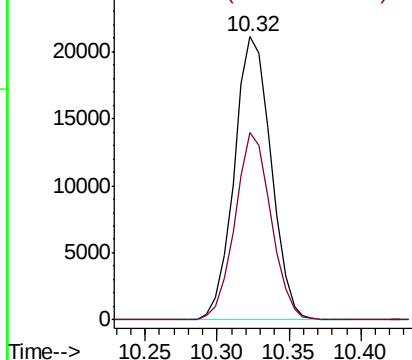


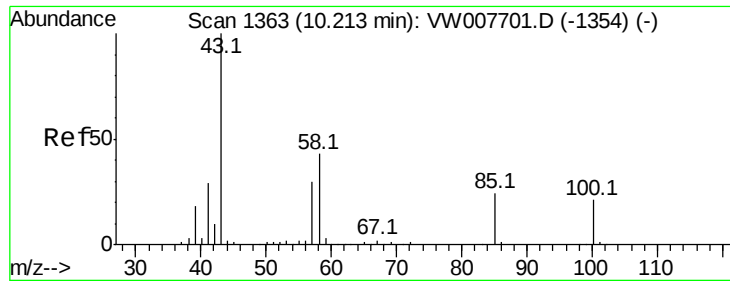
#50
Toluene-d8
Concen: 24.345 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion: 98 Resp: 37427
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



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: 3.600 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

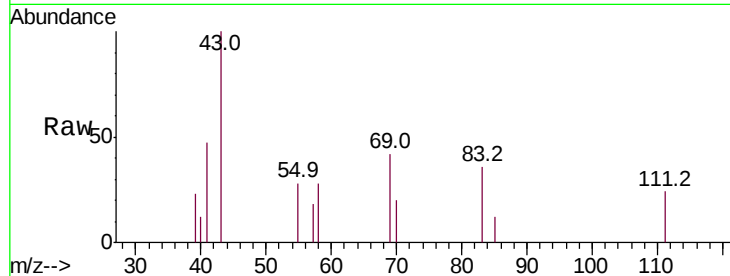
ClientSampled :

Tot Ion: 43 Resp: 759

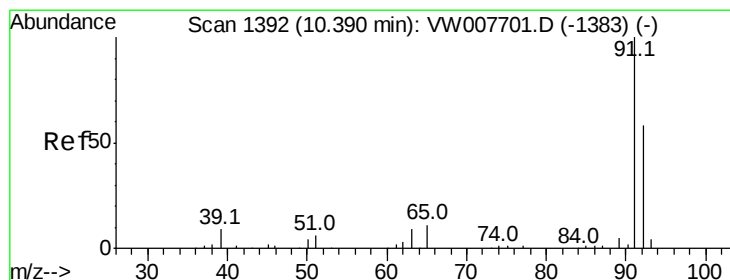
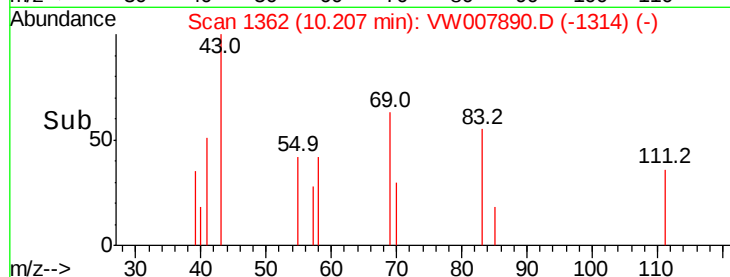
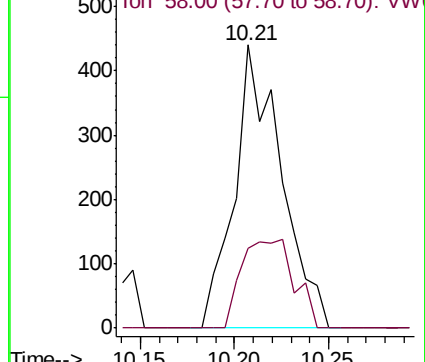
Ion Ratio Lower Upper

43 100

58 35.2 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW



#52

Toluene

Concen: 1.925 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007890.D

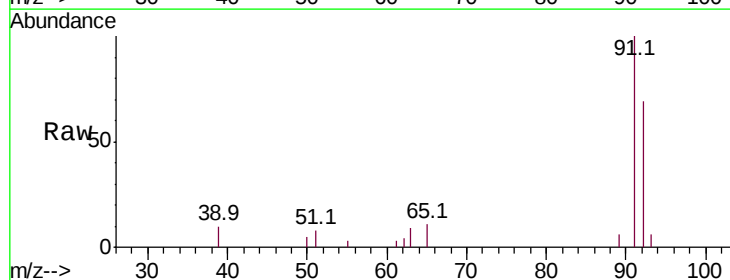
Acq: 24 Dec 2018 15:51

Tgt Ion: 92 Resp: 2224

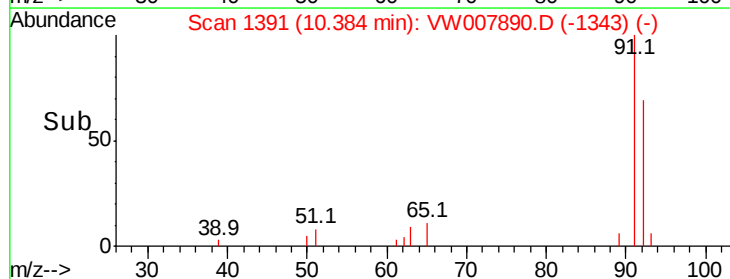
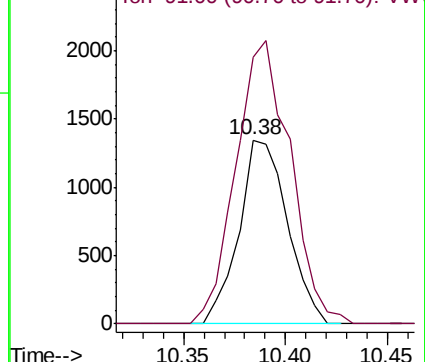
Ion Ratio Lower Upper

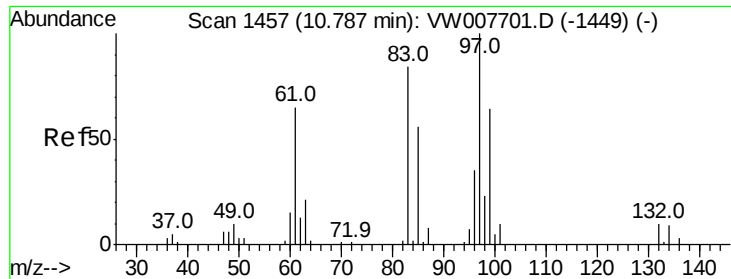
92 100

91 172.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW





#55

1,1,2-Trichloroethane

Concen: 4.877 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 1581

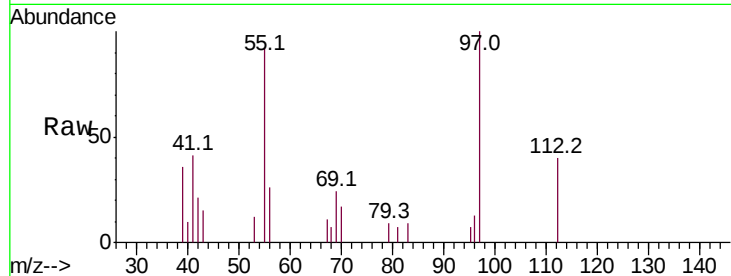
Ion Ratio Lower Upper

97 100

83 8.7 67.5 101.3#

85 0.0 44.8 67.2#

99 0.0 51.0 76.4#

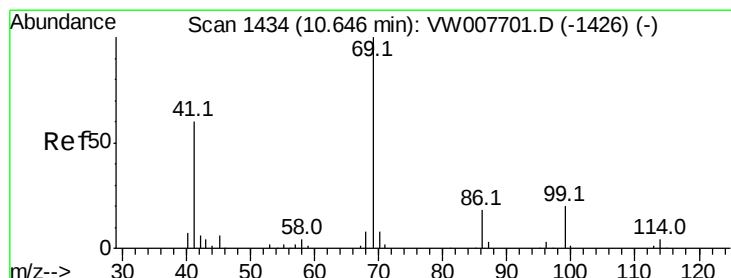
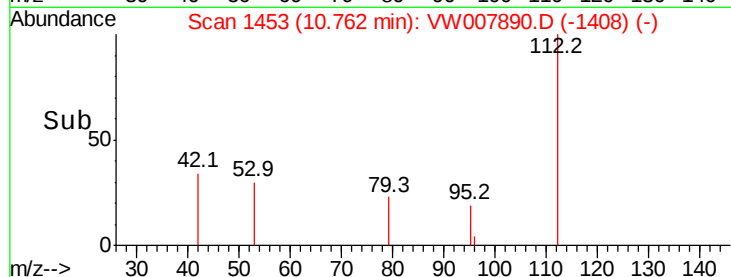
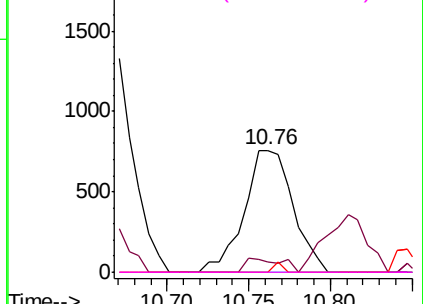


Abundance Ion 96.90 (96.60 to 97.60): VW

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



#56

Ethyl methacrylate

Concen: 1.720 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

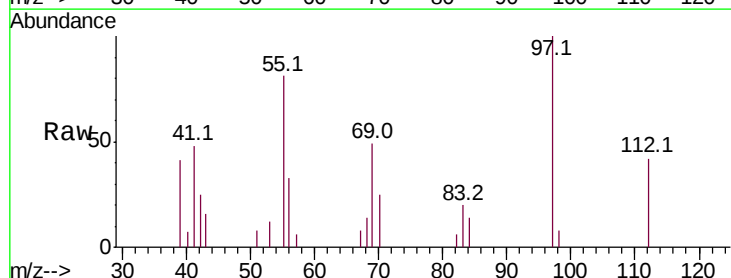
Tgt Ion: 69 Resp: 659

Ion Ratio Lower Upper

69 100

41 149.0 48.9 73.3#

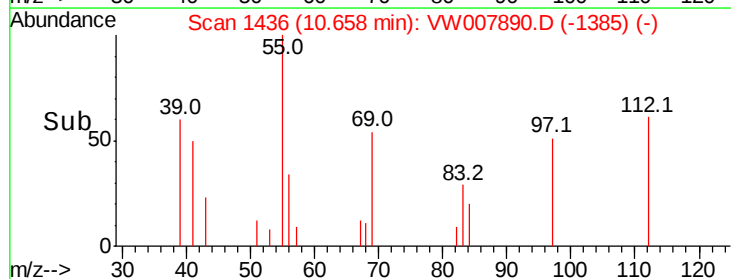
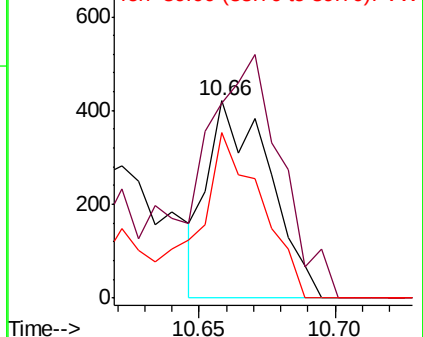
39 83.6 31.3 46.9#

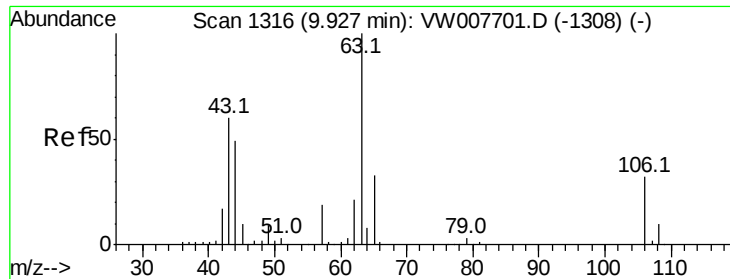


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

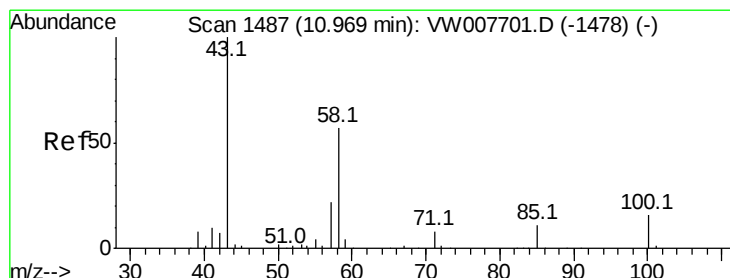
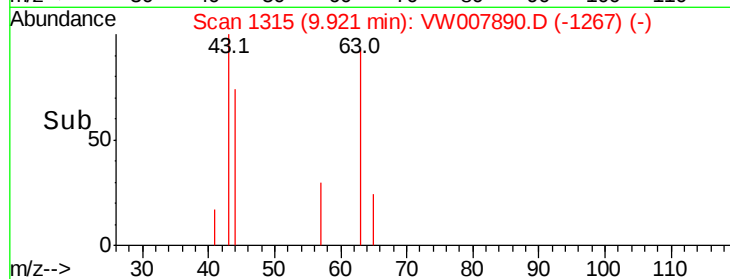
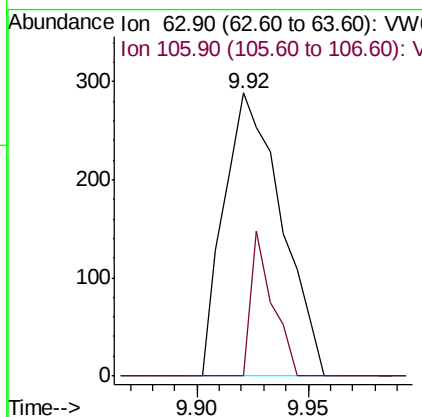
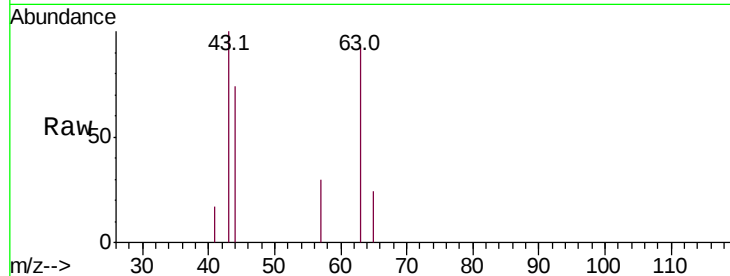




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.950 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

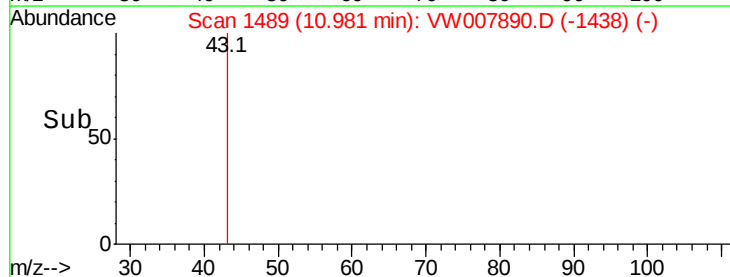
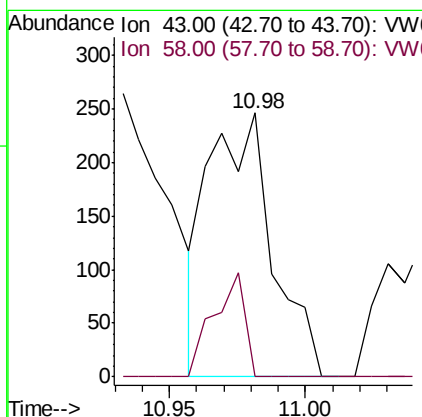
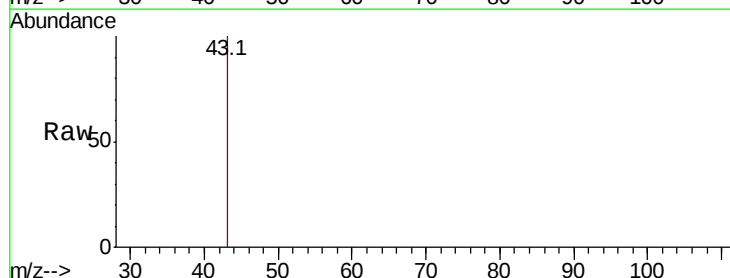
Instrument :
 MSVOA_W
 ClientSampleId :

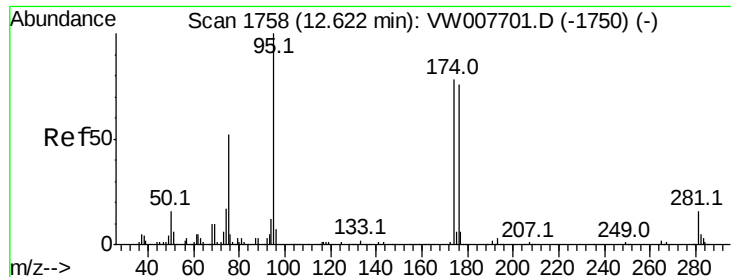
Tot Ion: 63 Resp: 516
 Ion Ratio Lower Upper
 63 100
 106 19.6 25.9 38.9#



#59
 2-Hexanone
 Concen: 2.698 ug/l
 RT: 10.98 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

Tgt Ion: 43 Resp: 400
 Ion Ratio Lower Upper
 43 100
 58 19.3 27.7 83.1#

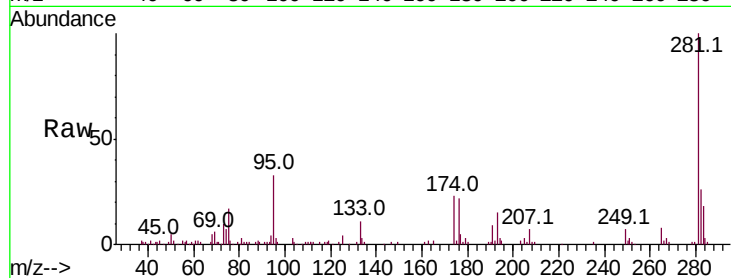




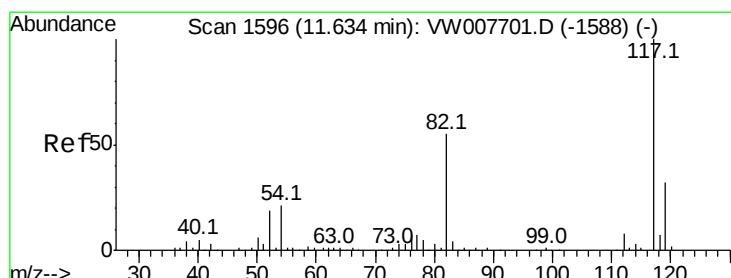
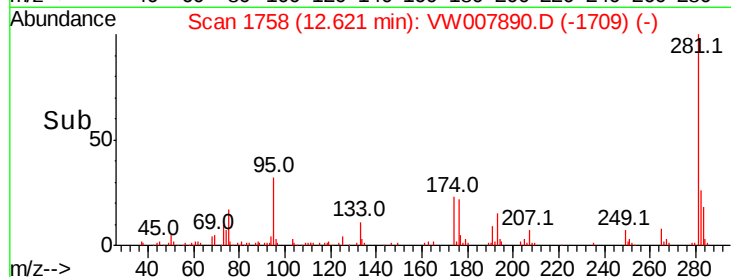
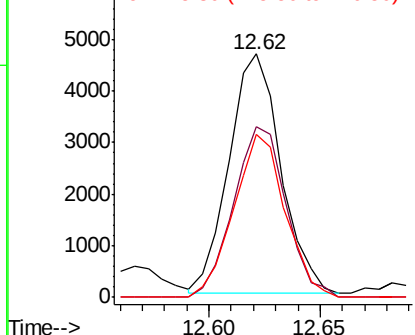
#62
4-Bromofluorobenzene
Concen: 12.677 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 7529
Ion Ratio Lower Upper
95 100
174 71.9 0.0 152.2
176 67.3 0.0 146.8

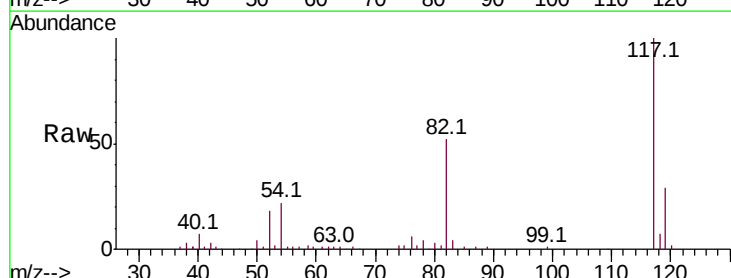


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

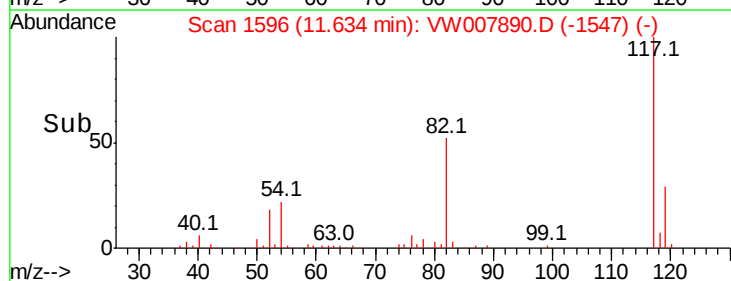
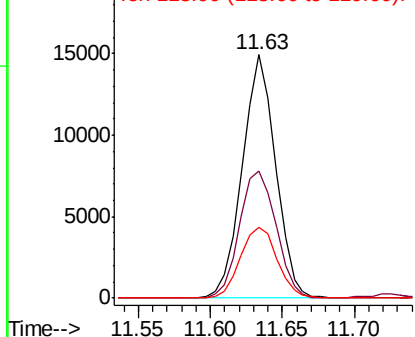


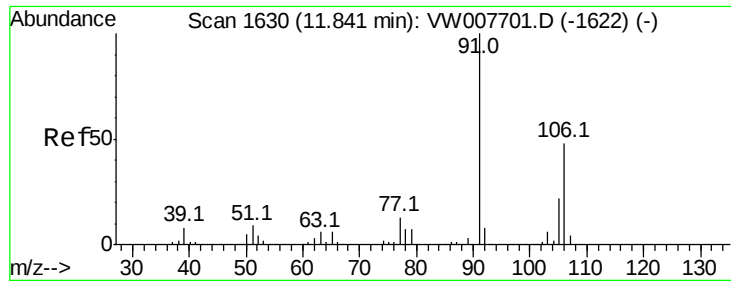
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion: 117 Resp: 23887
Ion Ratio Lower Upper
117 100
82 52.3 44.3 66.5
119 29.3 25.7 38.5



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

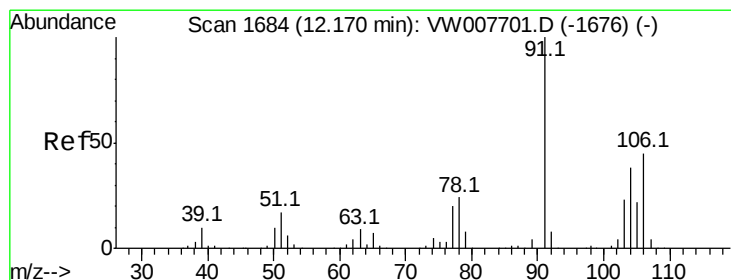
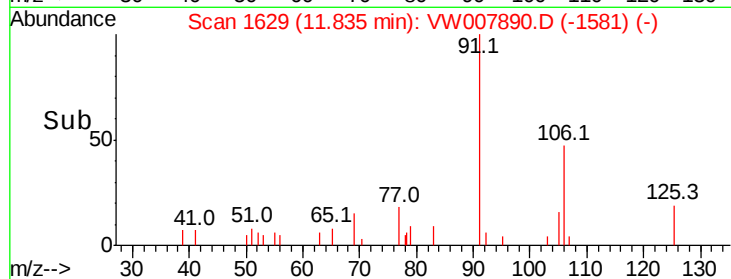
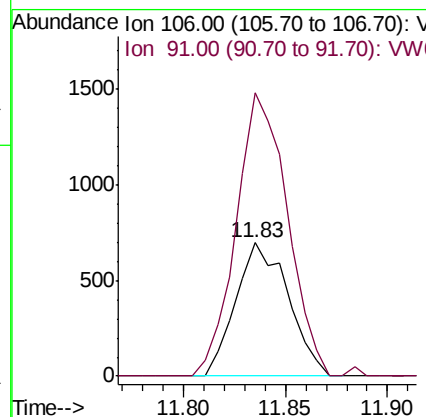
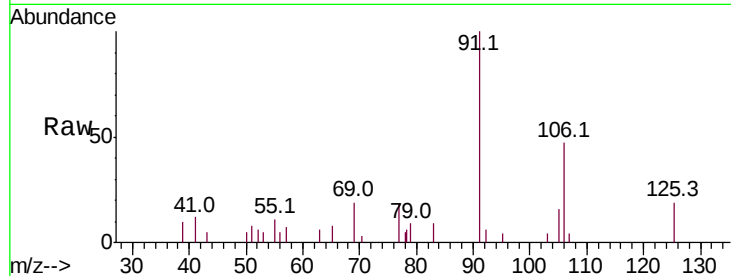




#68
m/p-Xylenes
Concen: 3.623 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

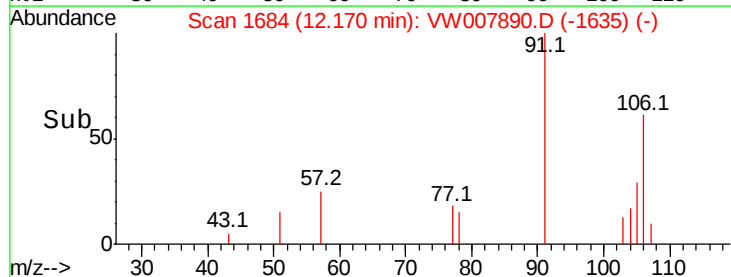
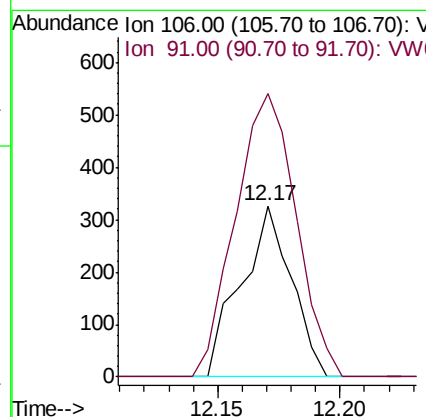
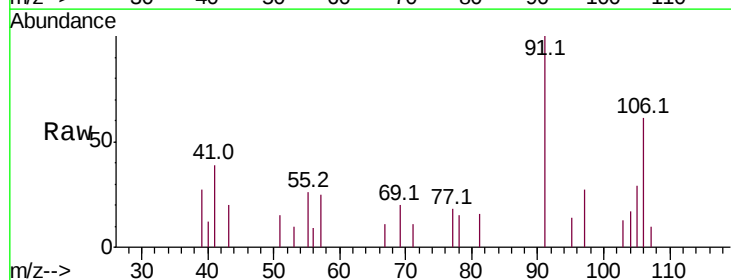
Instrument :
MSVOA_W
ClientSampled :

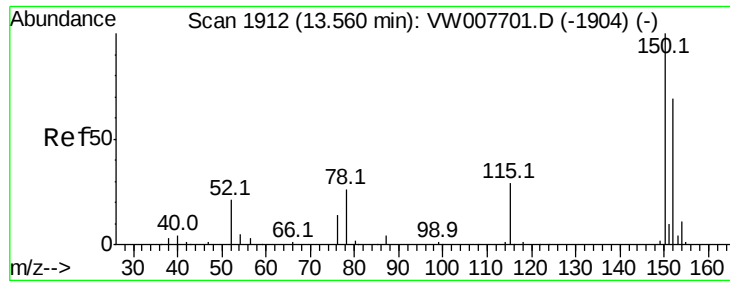
Tot Ion:106 Resp: 1247
Ion Ratio Lower Upper
106 100
91 206.6 165.2 247.8



#69
o-Xylene
Concen: 1.457 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion:106 Resp: 470
Ion Ratio Lower Upper
106 100
91 198.7 110.5 331.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampled :

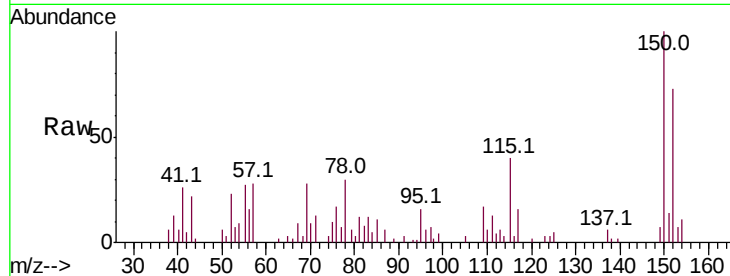
Tot Ion:152 Resp: 4701

Ion Ratio Lower Upper

152 100

115 59.0 31.8 95.4

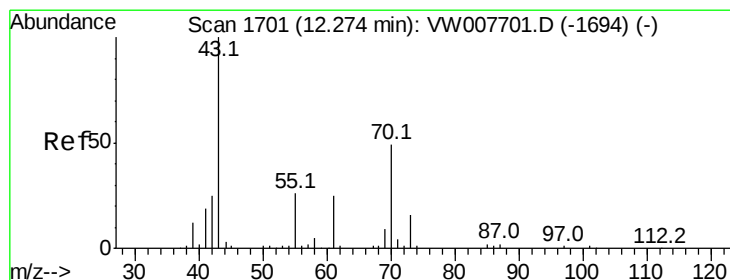
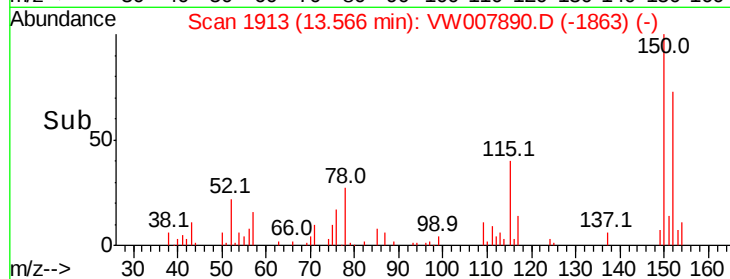
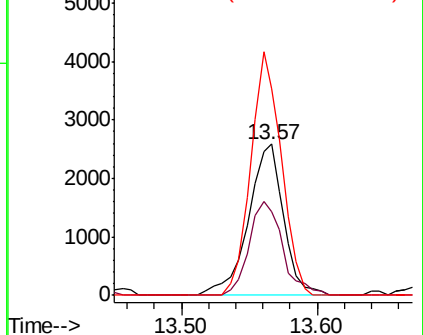
150 139.1 0.0 350.8



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



#74

N-ethyl acetate

Concen: 14.005 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Tgt Ion: 43 Resp: 862

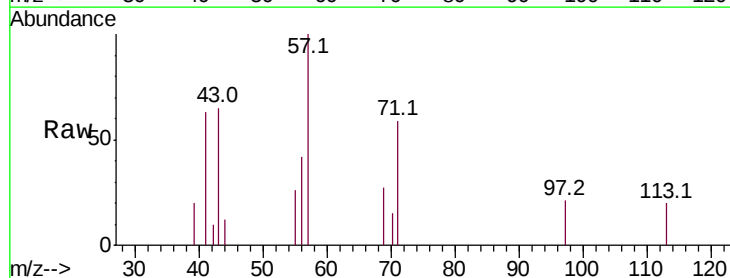
Ion Ratio Lower Upper

43 100

70 13.6 37.6 56.4#

55 0.0 21.7 32.5#

61 0.0 20.1 30.1#

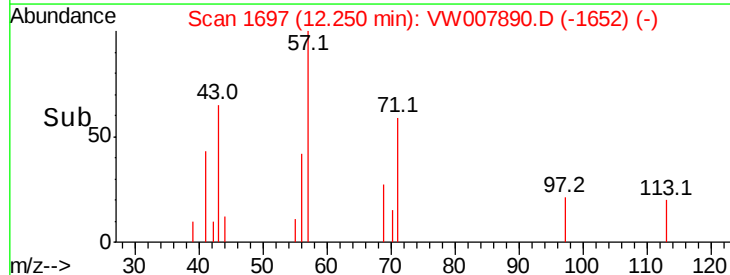
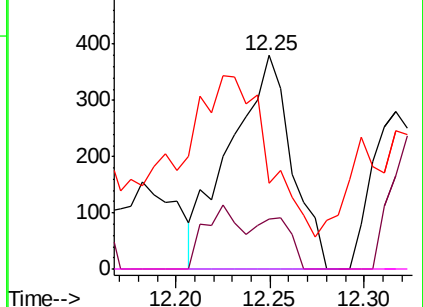


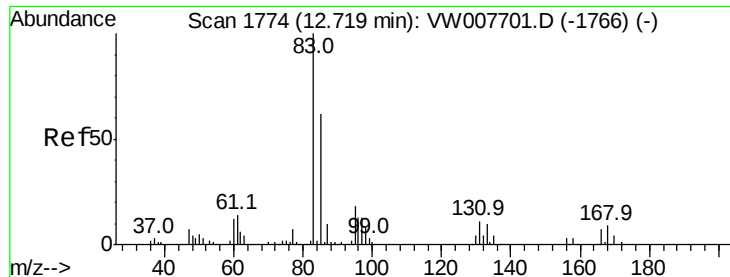
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.432 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampled :

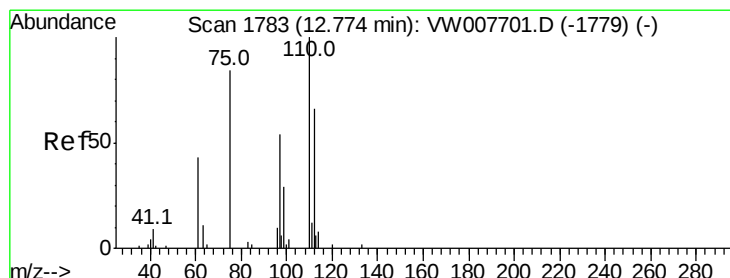
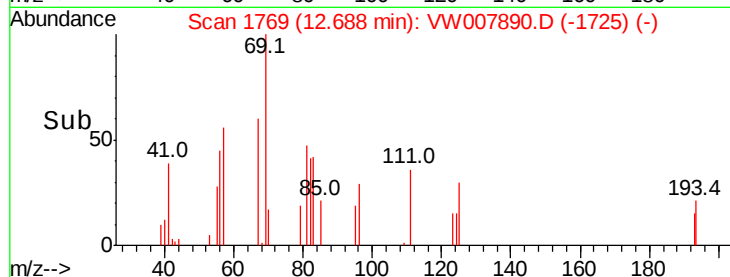
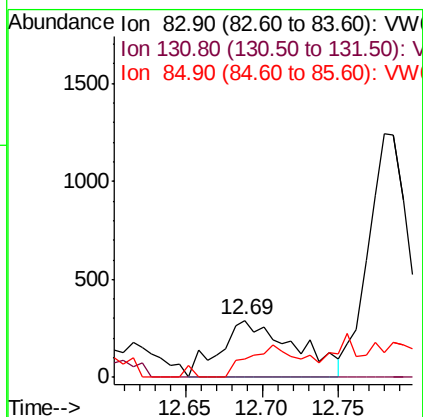
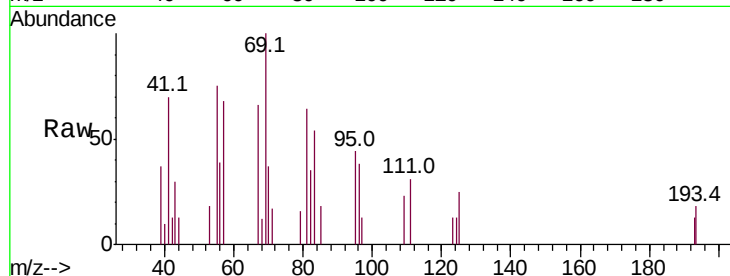
Tot Ion: 83 Resp: 982

Ion Ratio Lower Upper

83 100

131 0.0 6.3 18.8#

85 34.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 118.318 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007890.D

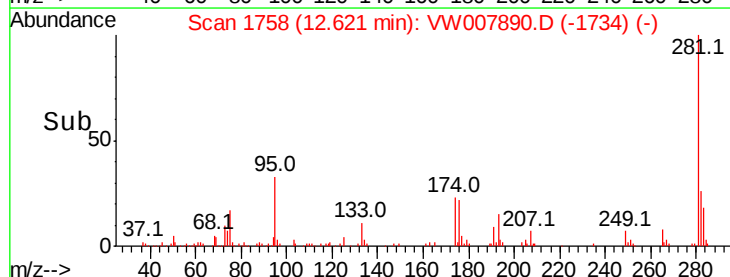
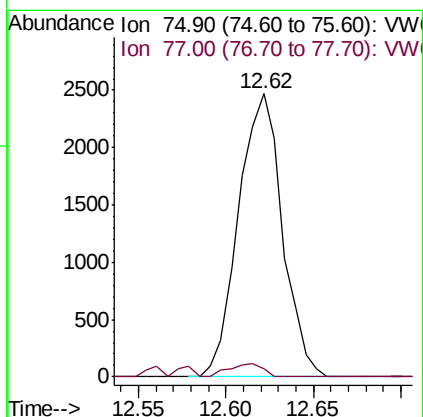
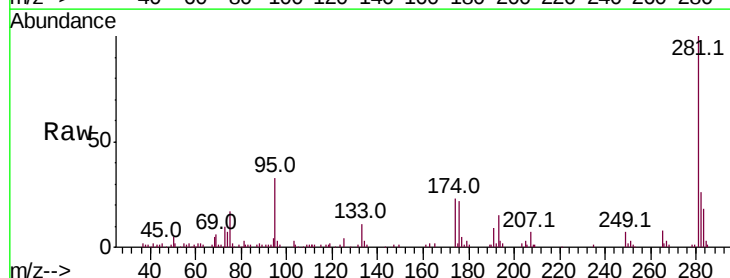
Acq: 24 Dec 2018 15:51

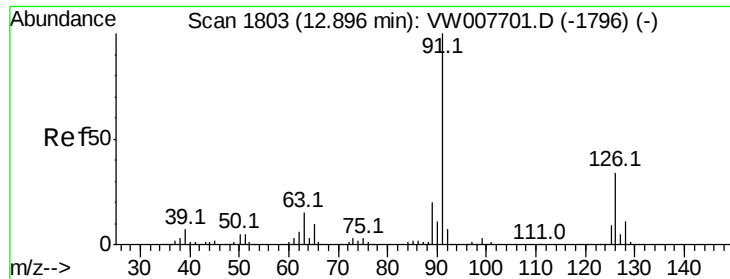
Tgt Ion: 75 Resp: 4299

Ion Ratio Lower Upper

75 100

77 3.6 0.0 0.0#





#79

2-Chlorotoluene

Concen: 1.548 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

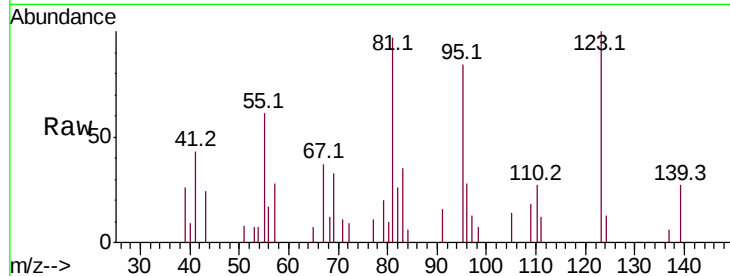
ClientSampled :

Tot Ion: 91 Resp: 373

Ion Ratio Lower Upper

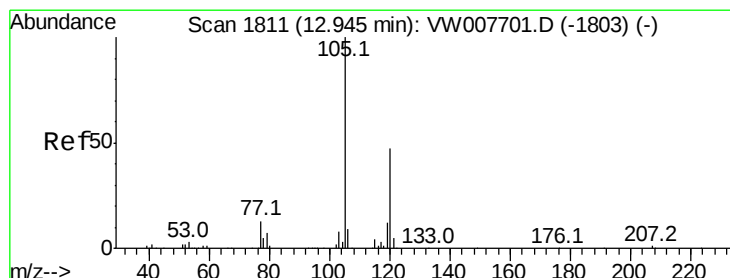
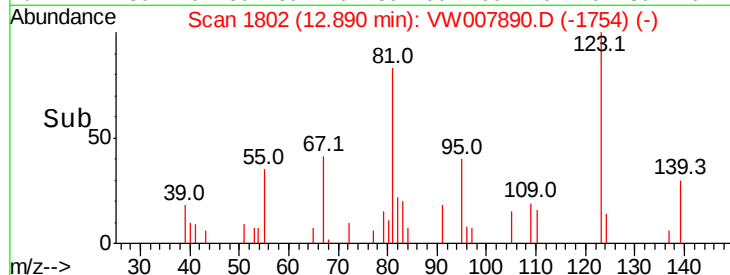
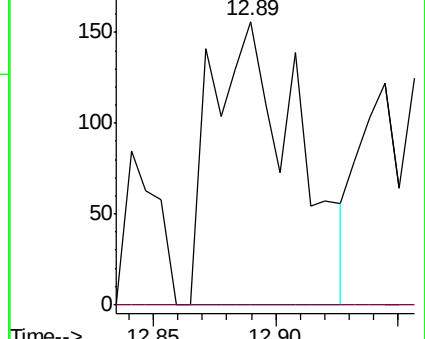
91 100

126 0.0 17.0 51.0#



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: 2.395 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007890.D

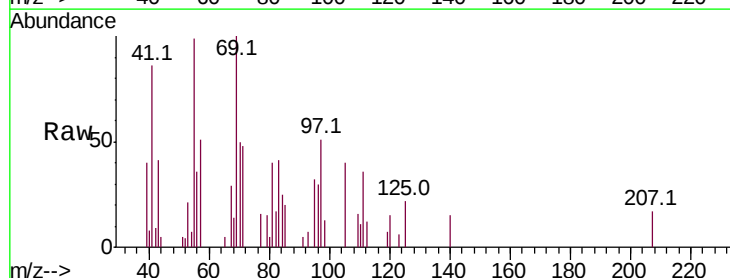
Acq: 24 Dec 2018 15:51

Tgt Ion:105 Resp: 734

Ion Ratio Lower Upper

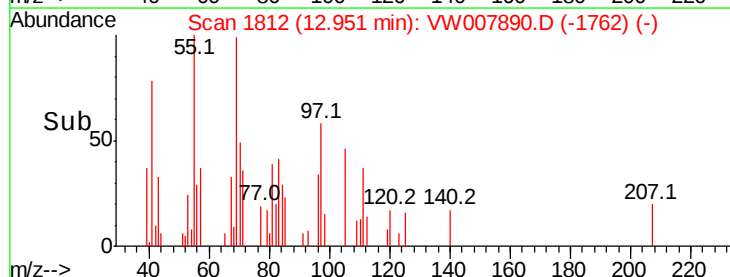
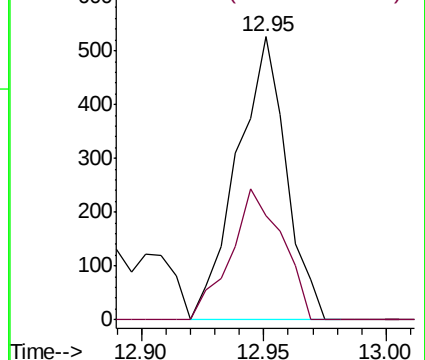
105 100

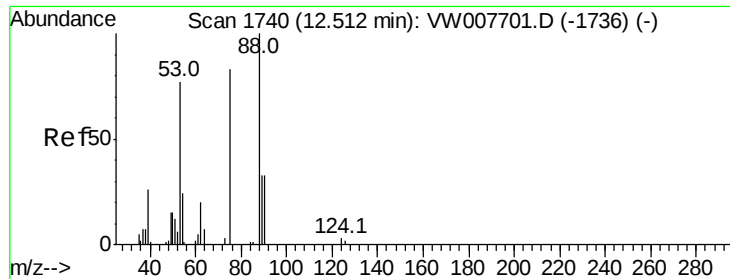
120 48.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 248.358 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

Instrument :

MSVOA_W

ClientSampleId :

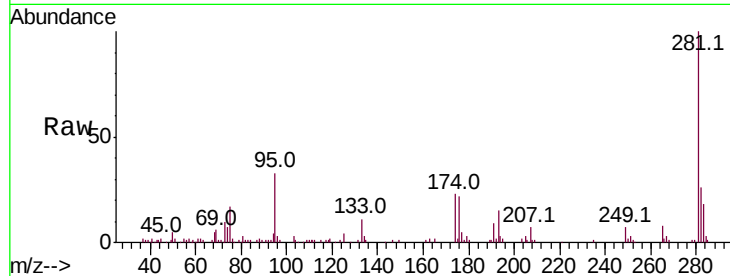
Tot Ion: 75 Resp: 4299

Ion Ratio Lower Upper

75 100

53 3.4 80.2 120.2#

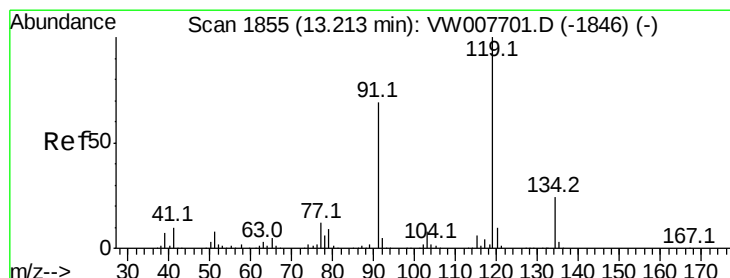
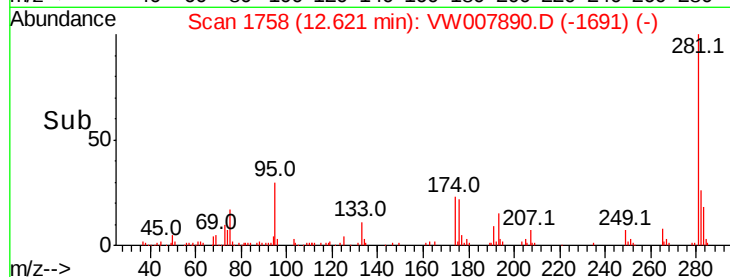
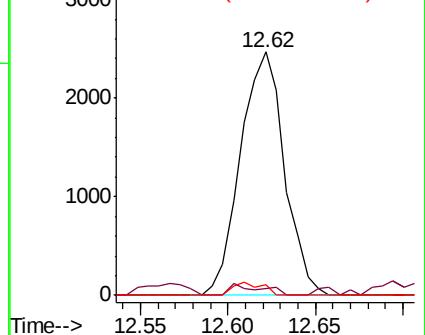
89 3.6 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 1.915 ug/l

RT: 13.44 min Scan# 1893

Delta R.T. 0.23 min

Lab File: VW007890.D

Acq: 24 Dec 2018 15:51

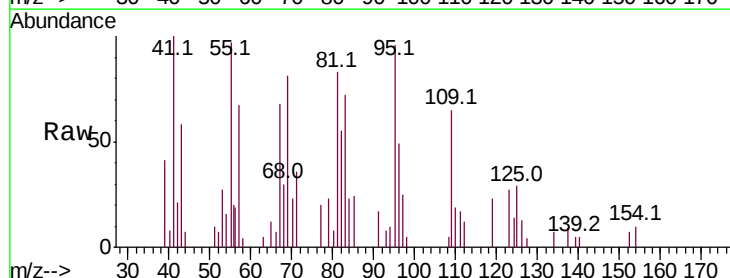
Tgt Ion: 119 Resp: 515

Ion Ratio Lower Upper

119 100

91 67.0 34.2 102.5

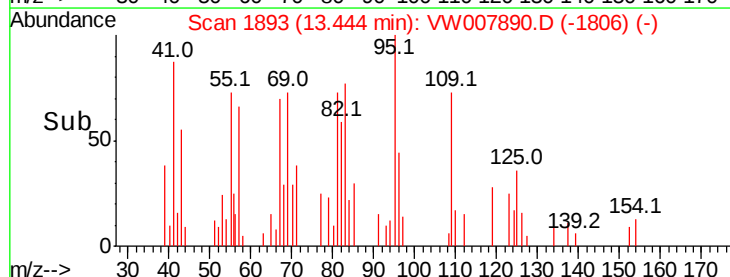
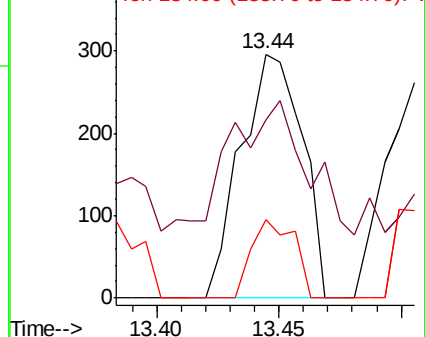
134 22.3 12.8 38.4

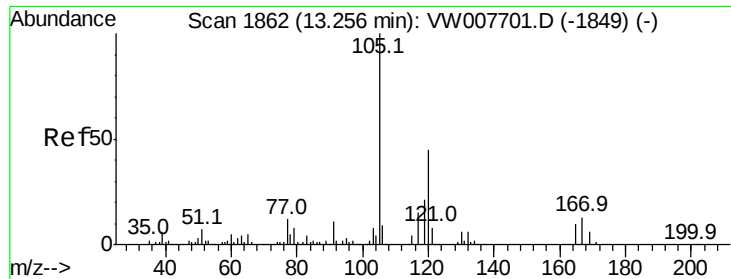


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

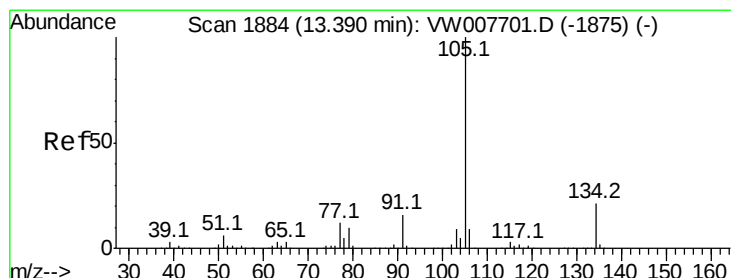
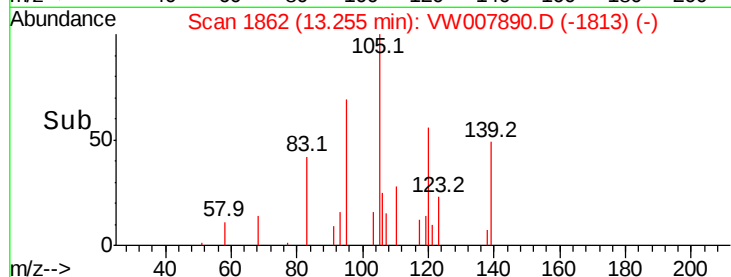
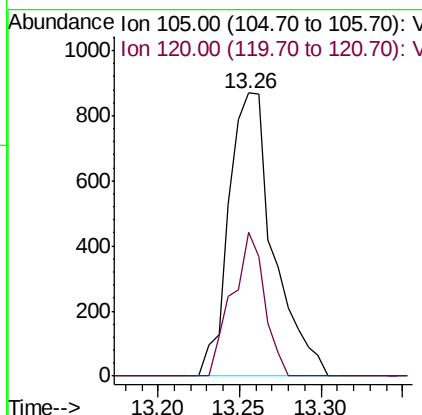
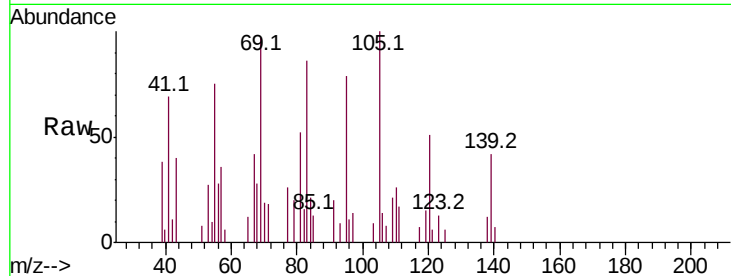




#84
1,2,4-Trimethylbenzene
Concen: 5.367 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

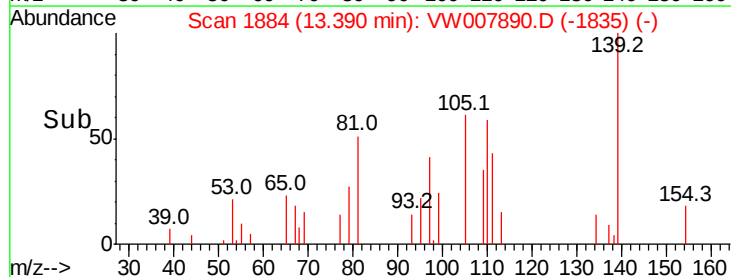
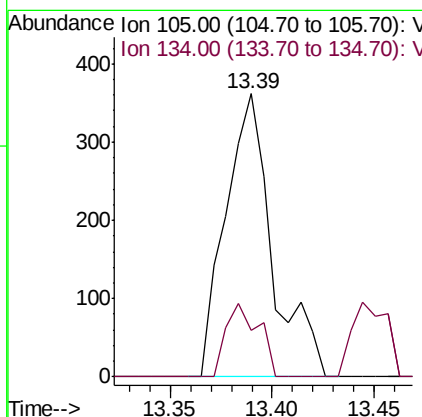
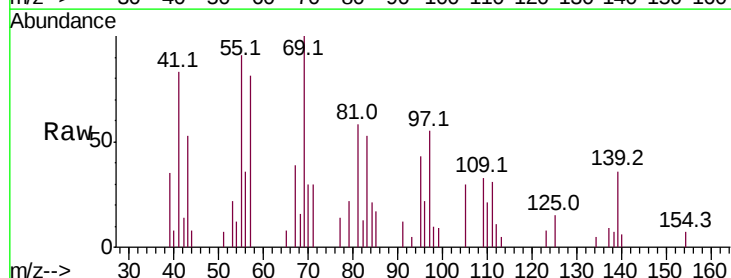
Instrument :
MSVOA_W
ClientSampled :

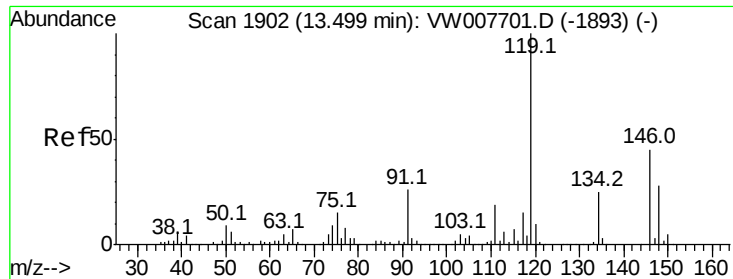
Tot Ion:105 Resp: 1660
Ion Ratio Lower Upper
105 100
120 37.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.551 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion:105 Resp: 575
Ion Ratio Lower Upper
105 100
134 18.3 10.2 30.4

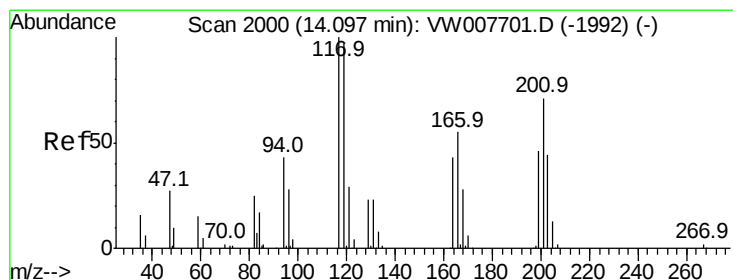
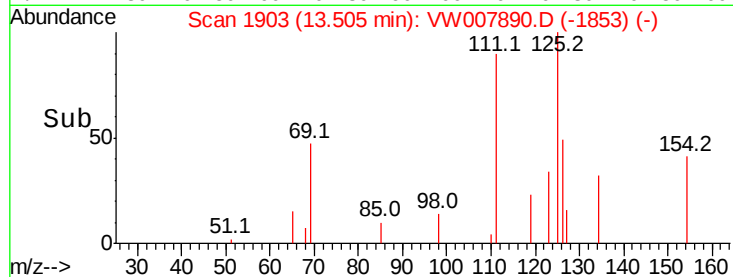
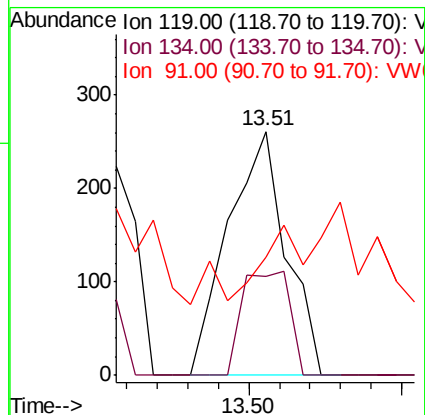
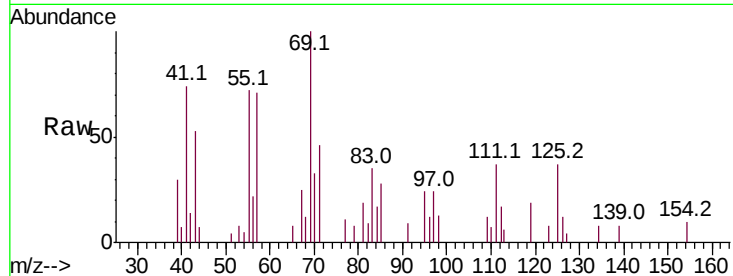




#86
p-Isopropyltoluene
Concen: 1.018 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

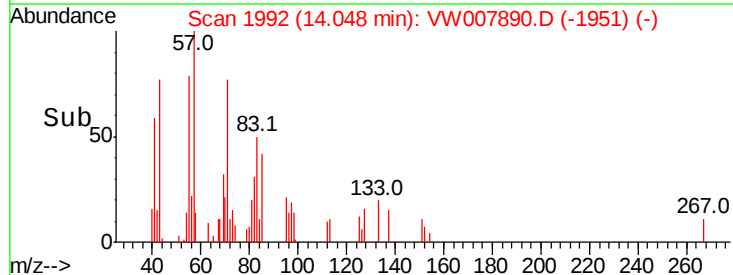
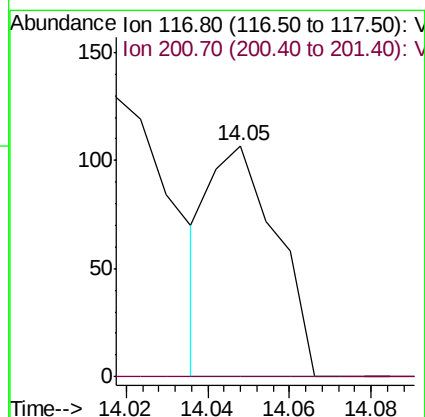
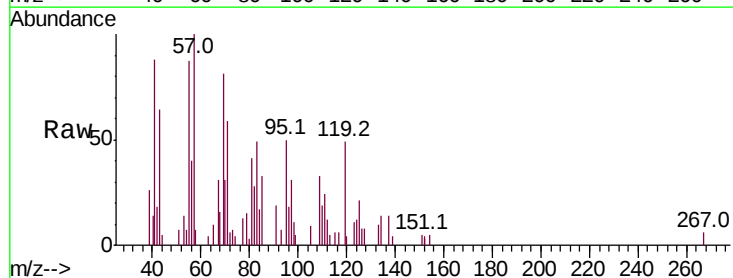
Instrument :
MSVOA_W
ClientSampled :

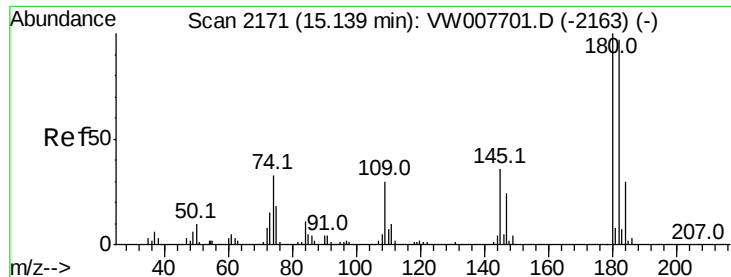
Tot Ion:119 Resp: 343
Ion Ratio Lower Upper
119 100
134 34.7 13.0 39.0
91 23.3 12.8 38.4



#90
Hexachloroethane
Concen: 2.062 ug/l
RT: 14.05 min Scan# 1992
Delta R.T. -0.05 min
Lab File: VW007890.D
Acq: 24 Dec 2018 15:51

Tgt Ion:117 Resp: 122
Ion Ratio Lower Upper
117 100
201 0.0 36.2 108.6#

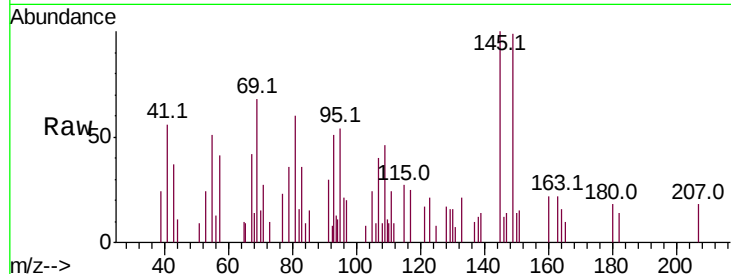




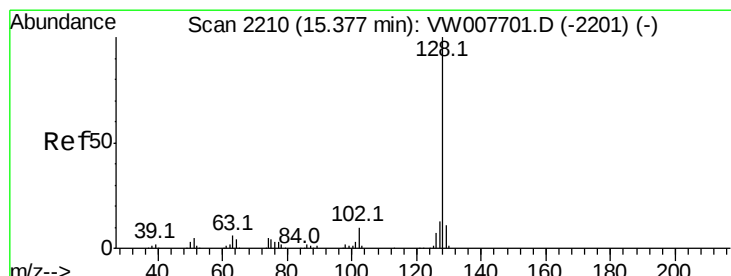
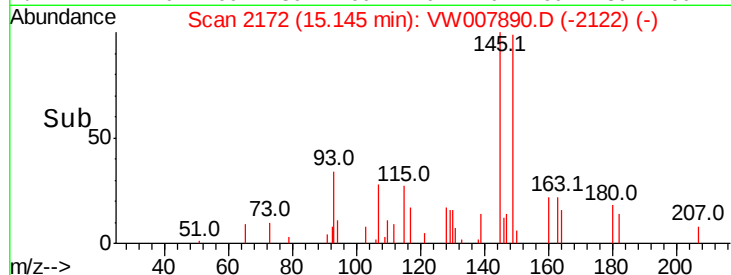
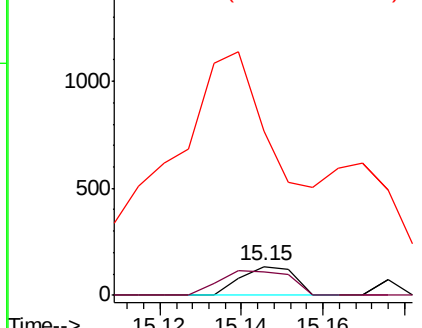
#93
 1,2,4-Trichlorobenzene
 Concen: 1.234 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 124
 Ion Ratio Lower Upper
 180 100
 182 110.5 47.5 142.6
 145 1596.8 17.5 52.5#

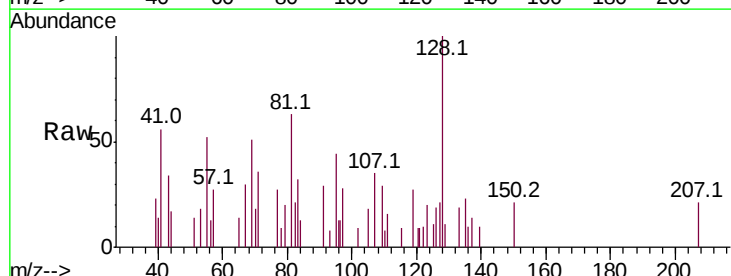


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.292 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007890.D
 Acq: 24 Dec 2018 15:51

Tgt Ion:128 Resp: 1169
 Ion Ratio Lower Upper
 128 100
 127 19.5 10.7 16.1#
 129 11.9 8.8 13.2



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

