

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004255.D
 Acq On : 27 Jul 2018 06:19
 Operator : SY/AP
 Sample : J4096-04RE
 Misc : 7.27G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	236384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	99565	85.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.84%	
35) Dibromofluoromethane	7.88	113	86036	56.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.46%	
50) Toluene-d8	10.33	98	179354	30.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.96%	
62) 4-Bromofluorobenzene	12.62	95	23705	11.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.34%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	5.18	59	12277	152.575	ug/l	97
13) Acrolein	3.89	56	189	2.286	ug/l #	13
16) Acetone	4.12	43	68682	245.210	ug/l	96
17) Carbon Disulfide	4.37	76	12606	3.985	ug/l	98
25) 2-Butanone	7.18	43	27157	72.048	ug/l	99
26) 2,2-Dichloropropane	7.15	77	1719	1.452	ug/l #	52
29) Tetrahydrofuran	7.53	42	551	2.347	ug/l #	40
31) Cyclohexane	7.95	56	7394	3.824	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	8274	3.402	ug/l #	51
37) Ethyl Acetate	7.18	43	27157	23.150	ug/l #	78
38) Carbon Tetrachloride	7.95	117	10506	4.623	ug/l #	16
39) Methylcyclohexane	9.34	83	5050	1.773	ug/l	92
40) Benzene	8.32	78	9431	1.398	ug/l	97
41) Methacrylonitrile	7.53	41	790	1.215	ug/l #	44
51) 4-Methyl-2-Pentanone	10.22	43	19880	17.007	ug/l	100
52) Toluene	10.39	92	21098	5.057	ug/l	97
55) 1,1,2-Trichloroethane	10.77	97	2116	1.684	ug/l #	25
56) Ethyl methacrylate	10.66	69	265	3.085	ug/l #	1
59) 2-Hexanone	10.95	43	4397	5.337	ug/l #	30
67) Ethyl Benzene	11.74	91	114118	34.827	ug/l	100
68) m/p-Xylenes	11.84	106	66669	53.234	ug/l	97
69) o-Xylene	12.17	106	22190	19.101	ug/l	98
70) Styrene	12.18	104	5575	2.873	ug/l #	40
73) Isopropylbenzene	12.47	105	24397	21.798	ug/l	99
74) N-amyl acetate	12.26	43	6872	23.564	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.79	83	6025	27.836	ug/l #	26
76) 1,2,3-Trichloropropane	12.80	75	597	3.797	ug/l #	100
77) Bromobenzene	12.90	156	6933	25.888	ug/l #	1
78) n-propylbenzene	12.81	91	73800	53.747	ug/l	98
79) 2-Chlorotoluene	12.87	91	25371	32.761	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.95	105	165082	175.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.42	75	416	5.852	ug/l #	19
82) 4-Chlorotoluene	12.95	91	17558	21.127	ug/l #	42
83) tert-Butylbenzene	13.26	119	44411	56.162	ug/l #	60

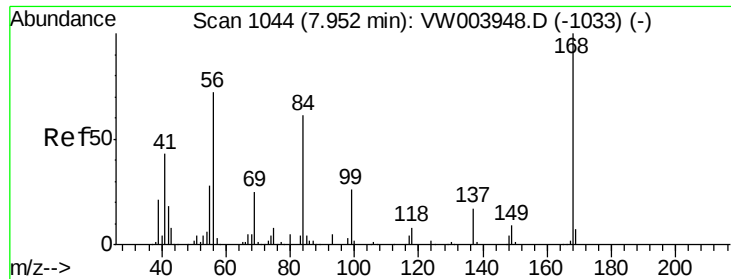
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	368375	380.145	ug/l	98
85) sec-Butylbenzene	13.39	105	26029	22.184	ug/l #	73
86) p-Isopropyltoluene	13.51	119	174256	169.318	ug/l	96
89) n-Butylbenzene	13.83	91	33962	33.569	ug/l #	64
90) Hexachloroethane	14.10	117	44596	235.073	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2800	72.748	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.17	180	444	1.327	ug/l #	9
95) Naphthalene	15.38	128	14657407	23726.040	ug/l	98
96) 1,2,3-Trichlorobenzene	15.59	180	794	2.679	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

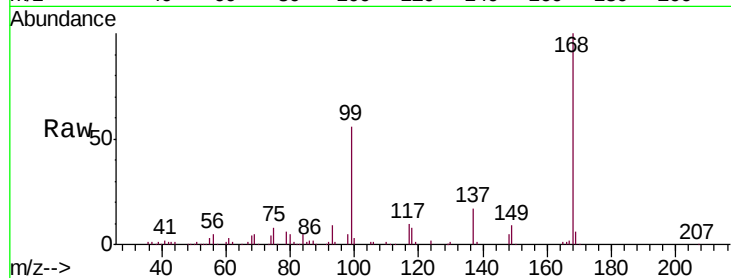
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 104277

Ion Ratio Lower Upper

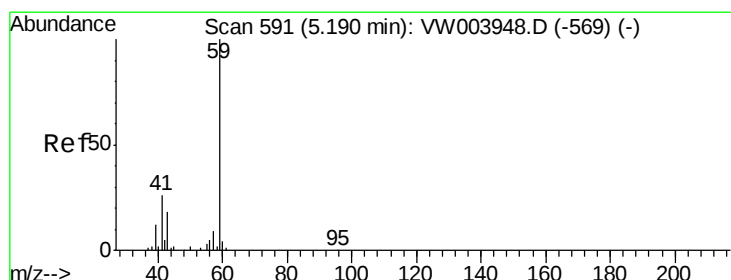
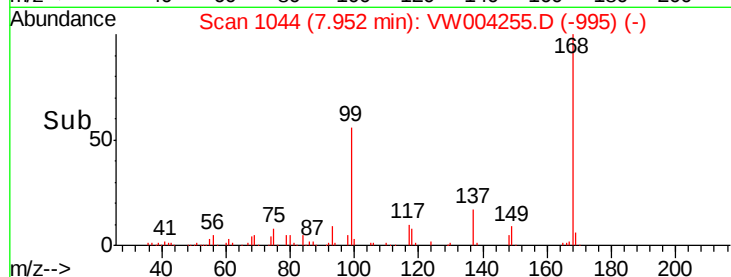
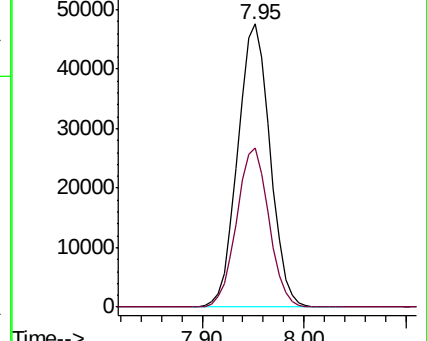
168 100

99 56.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 152.575 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW004255.D

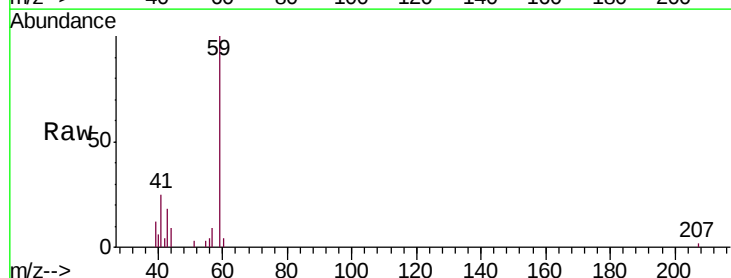
Acq: 27 Jul 2018 06:19

Tgt Ion: 59 Resp: 12277

Ion Ratio Lower Upper

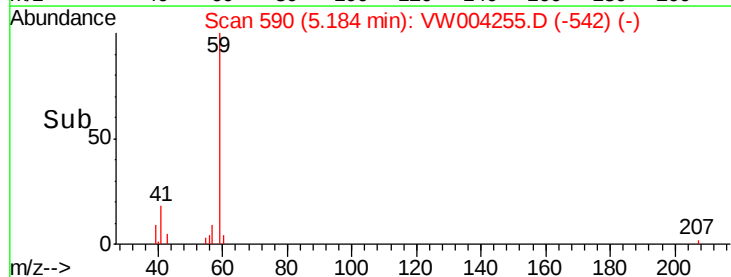
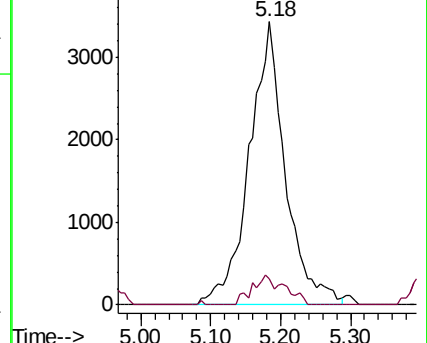
59 100

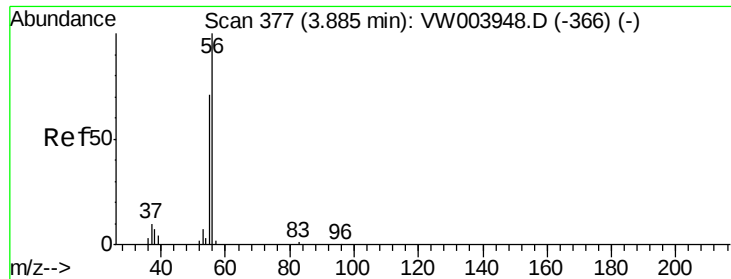
57 9.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

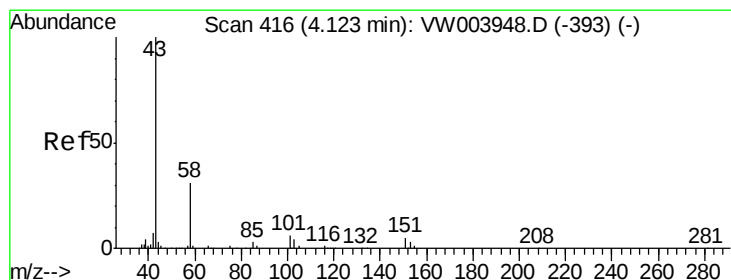
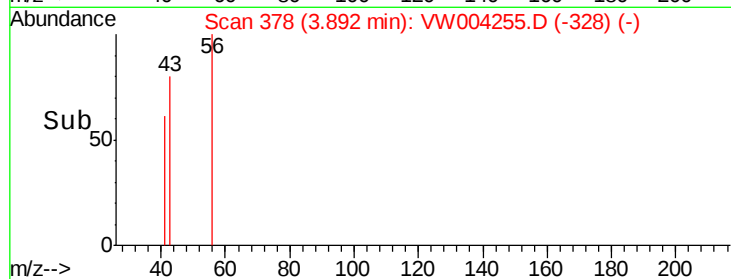
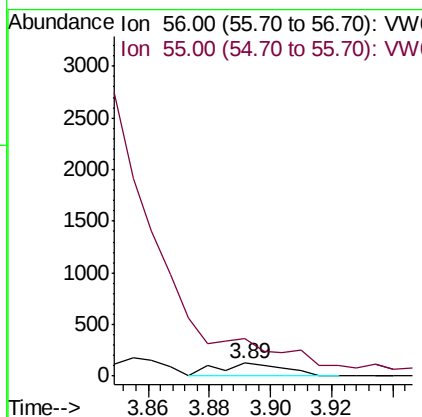
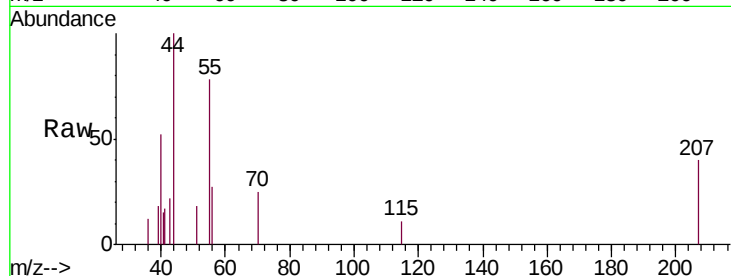




#13
Acrolein
Concen: 2.286 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.01 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

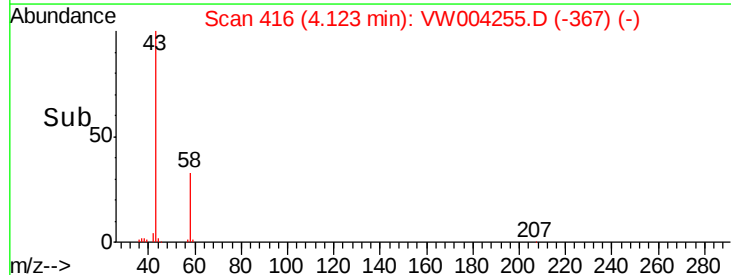
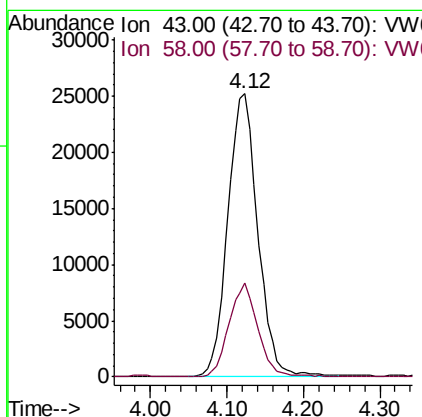
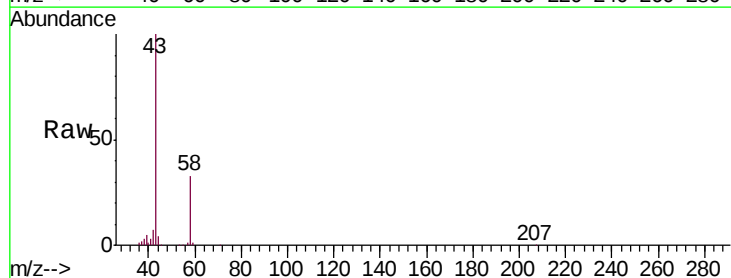
Instrument :
MSVOA_W
ClientSampled :

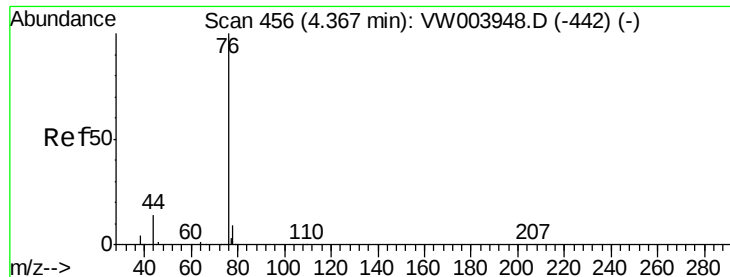
Tot Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#



#16
Acetone
Concen: 245.210 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 43 Resp: 68682
Ion Ratio Lower Upper
43 100
58 33.0 24.5 36.7





#17

Carbon Disulfide

Concen: 3.985 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

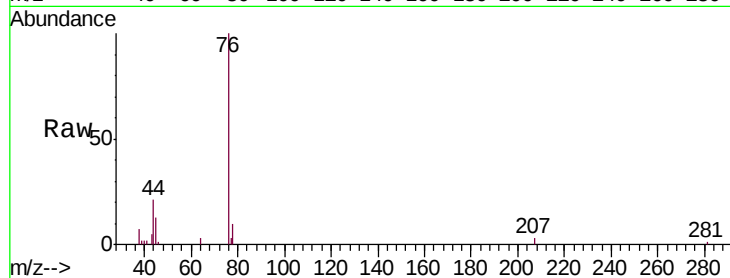
ClientSampleId :

Tot Ion: 76 Resp: 12606

Ion Ratio Lower Upper

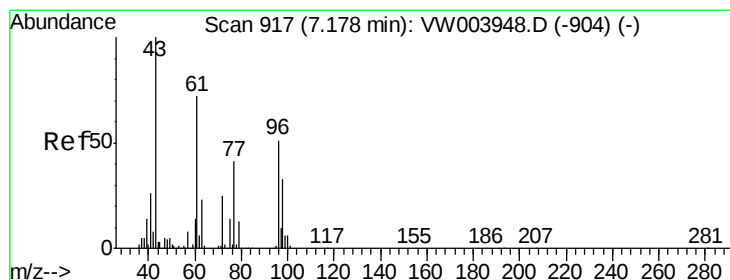
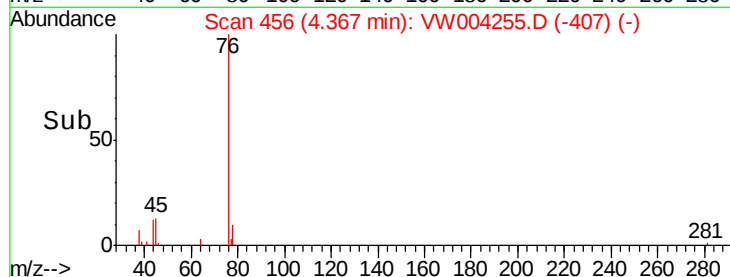
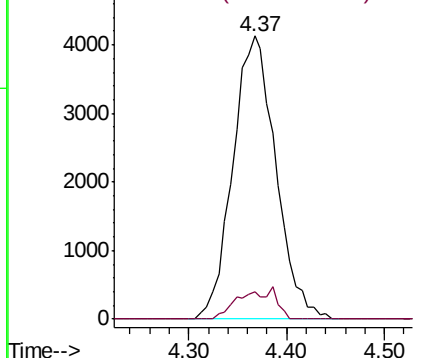
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 72.048 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004255.D

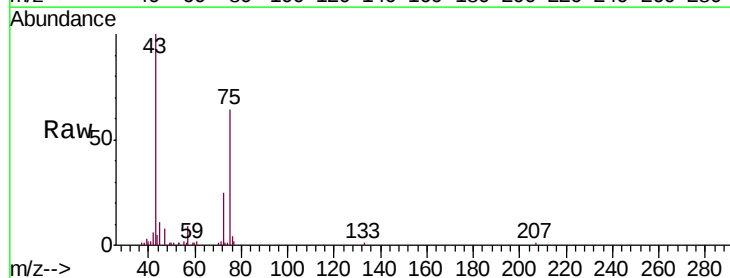
Acq: 27 Jul 2018 06:19

Tgt Ion: 43 Resp: 27157

Ion Ratio Lower Upper

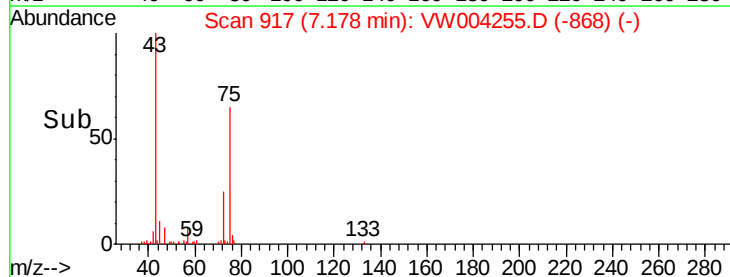
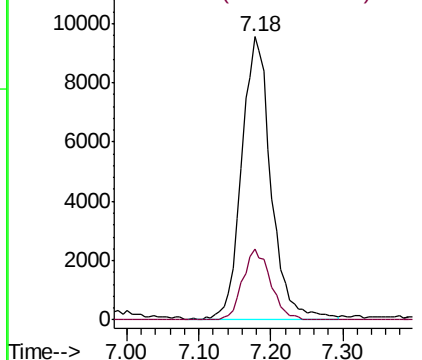
43 100

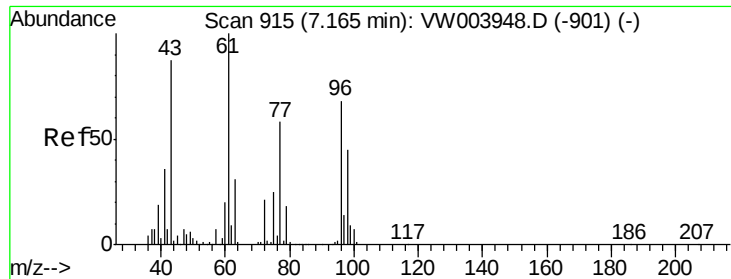
72 25.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

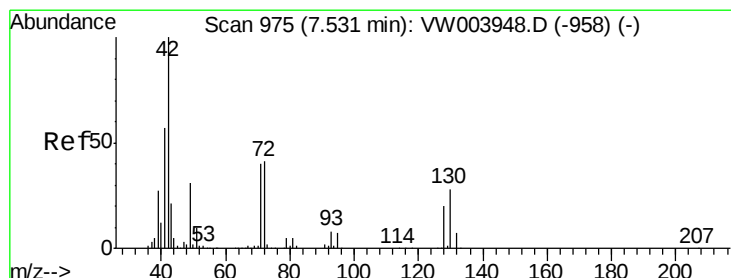
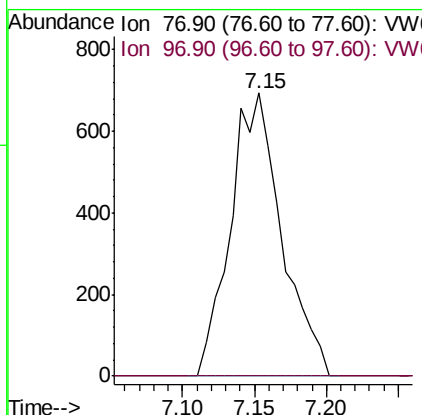
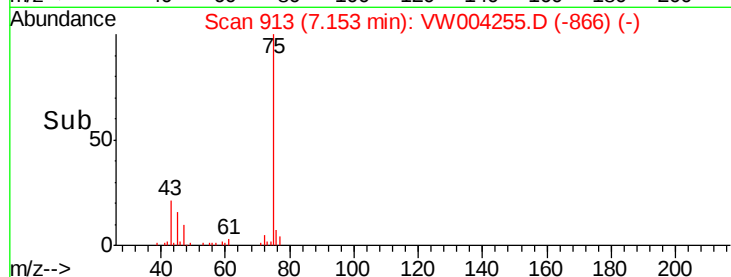
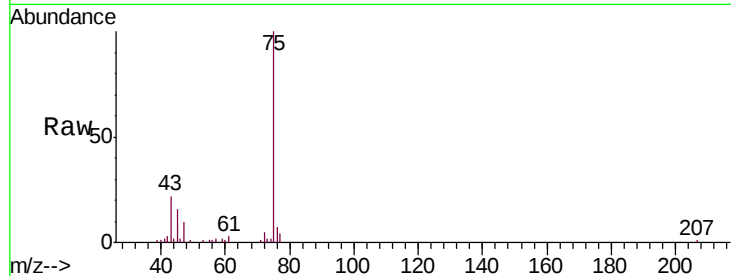




#26
 2,2-Dichloropropane
 Concen: 1.452 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

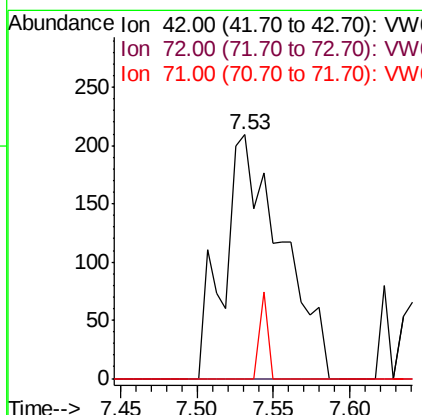
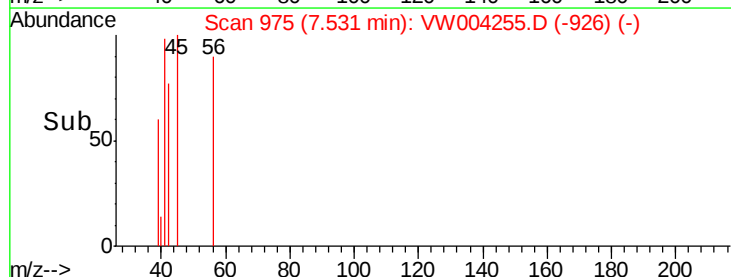
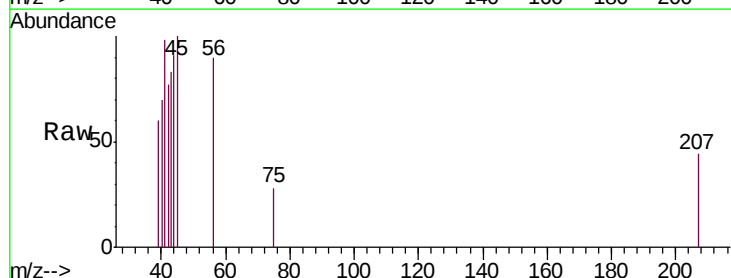
Instrument :
 MSVOA_W
 ClientSampleId :

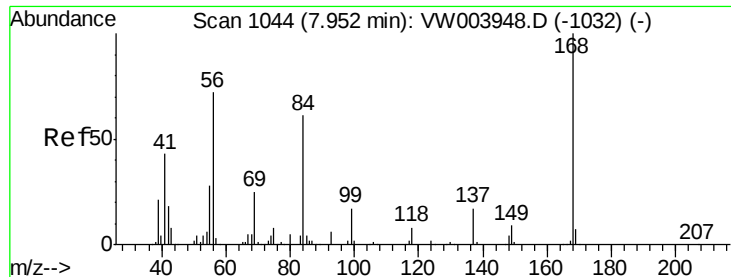
Tot Ion: 77 Resp: 1719
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#



#29
 Tetrahydrofuran
 Concen: 2.347 ug/l
 RT: 7.53 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Tgt Ion: 42 Resp: 551
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.6 48.8#
 71 4.9 30.5 45.7#

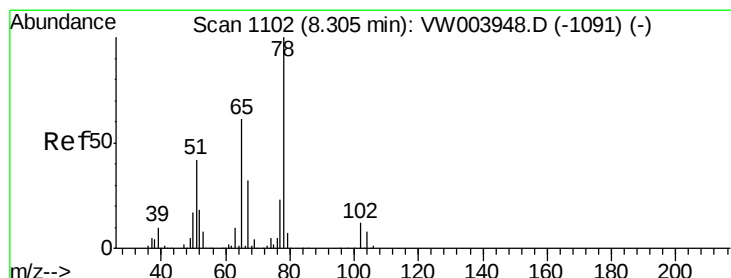
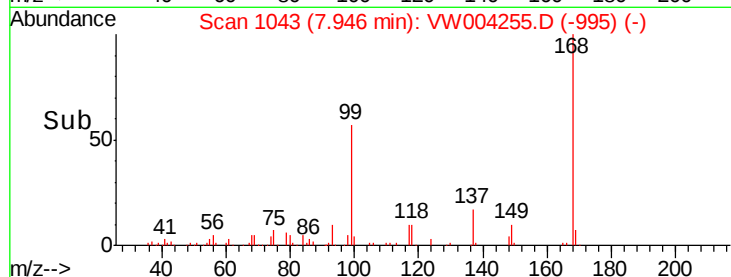
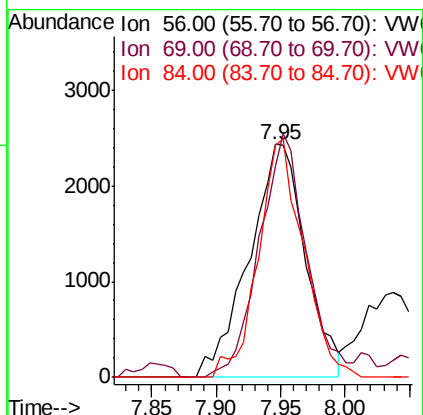
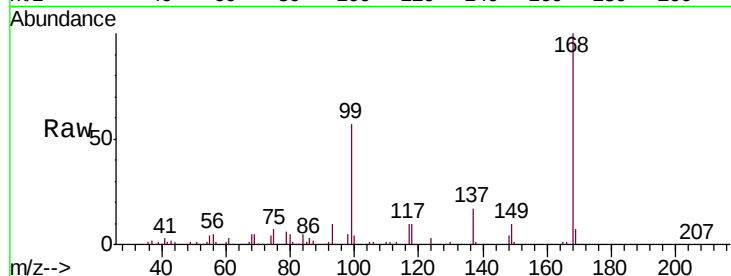




#31
Cyclohexane
Concen: 3.824 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

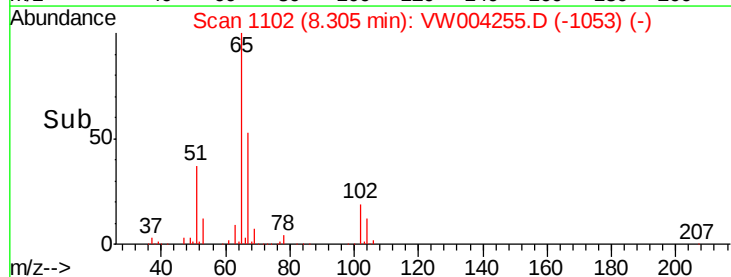
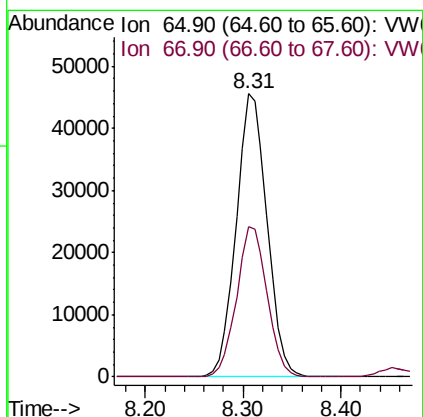
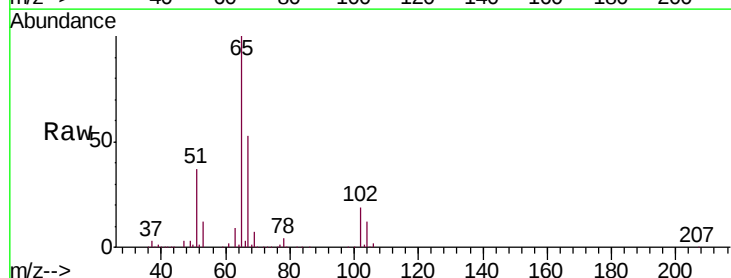
Instrument :
MSVOA_W
ClientSampleId :

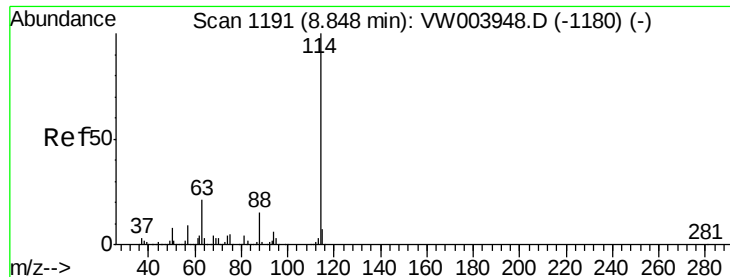
Tot Ion: 56 Resp: 7394
Ion Ratio Lower Upper
56 100
69 91.1 27.8 41.8#
84 99.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 85.419 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 65 Resp: 99565
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

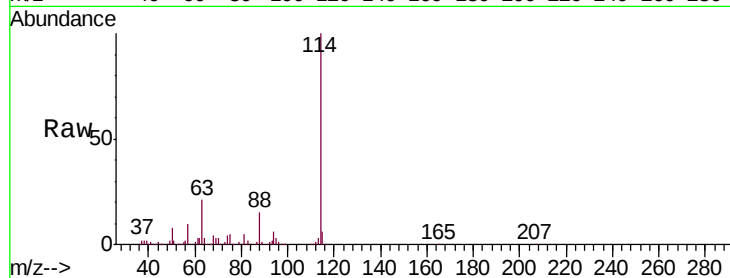
Tot Ion:114 Resp: 236384

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

150000

100000

50000

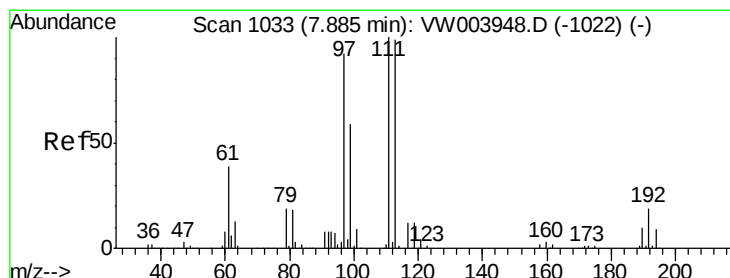
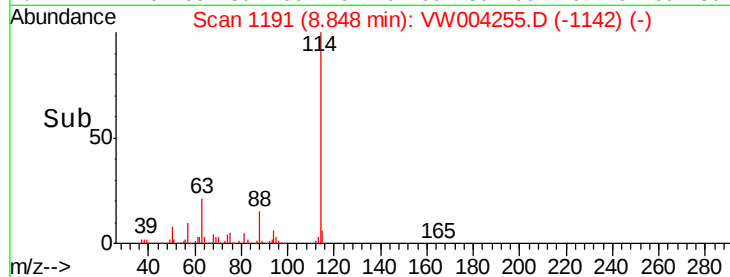
0

8.85

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 56.726 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

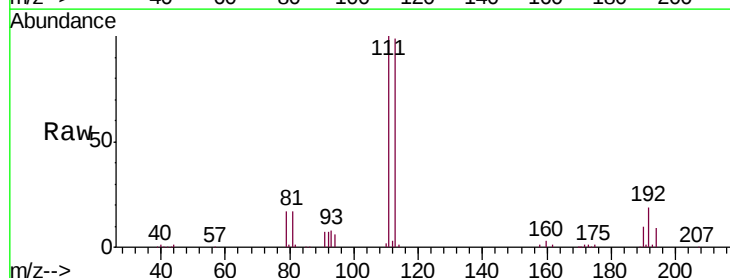
Tgt Ion:113 Resp: 86036

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 20.3 15.8 23.6



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

50000

40000

30000

20000

10000

0

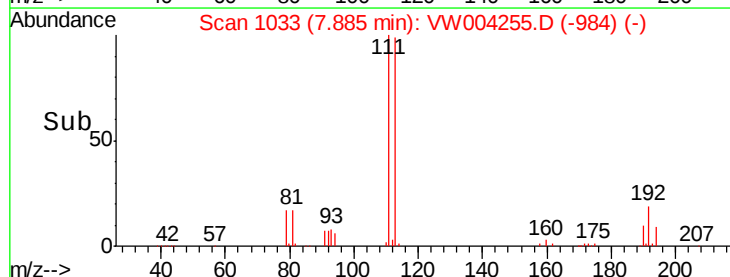
7.88

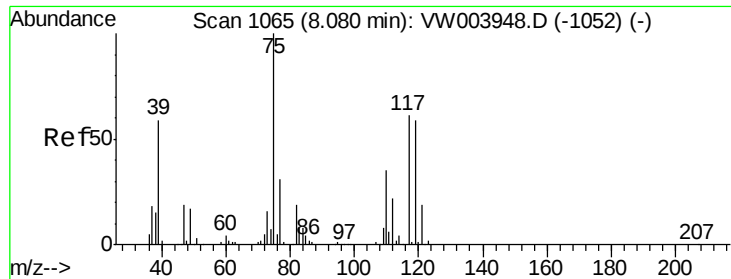
7.80

7.90

8.00

Time-->

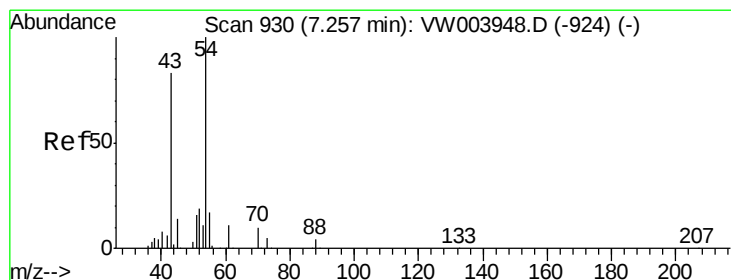
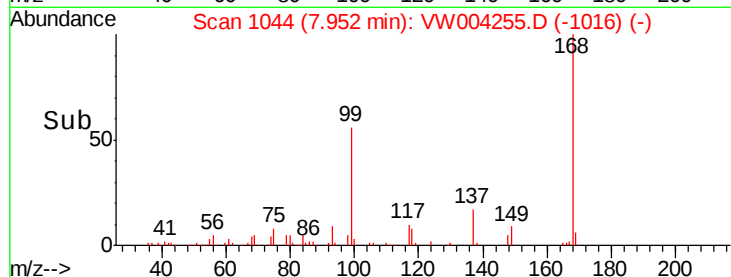
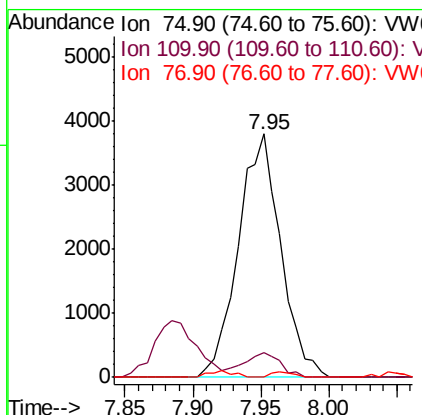
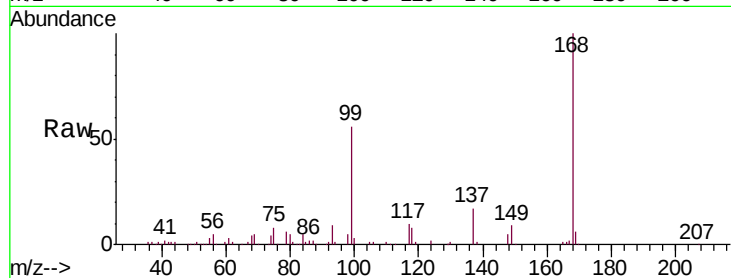




#36
 1,1-Dichloropropene
 Concen: 3.402 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

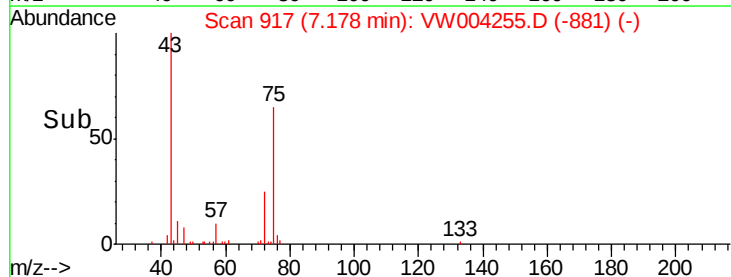
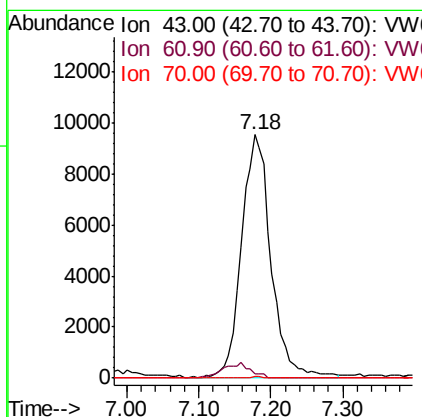
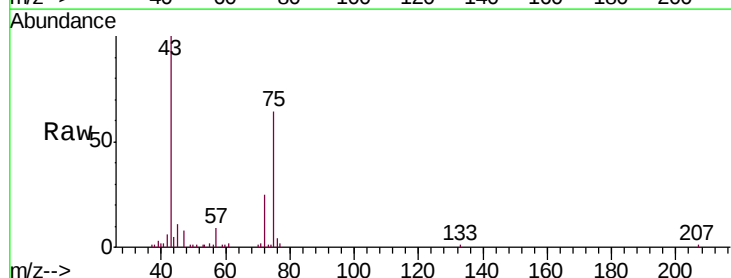
Instrument :
 MSVOA_W
 ClientSampleId :

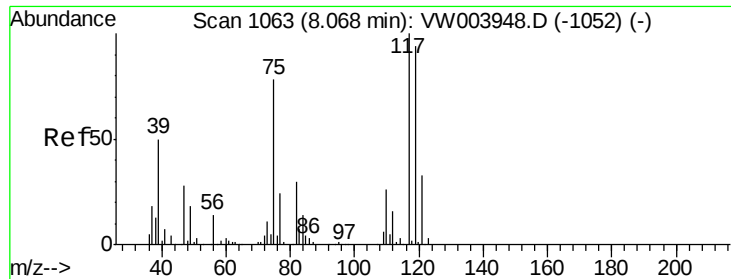
Tot Ion: 75 Resp: 8274
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.0 51.0#
 77 1.2 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 23.150 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.08 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Tgt Ion: 43 Resp: 27157
 Ion Ratio Lower Upper
 43 100
 61 5.8 10.7 16.1#
 70 0.2 7.7 11.5#

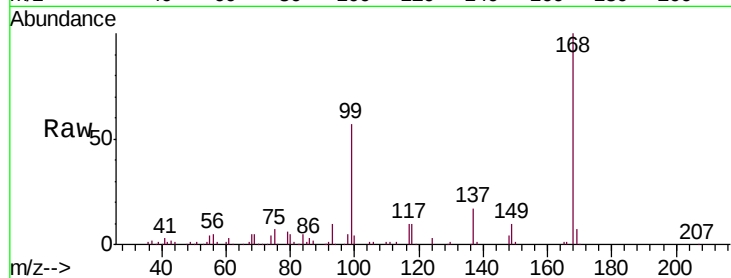




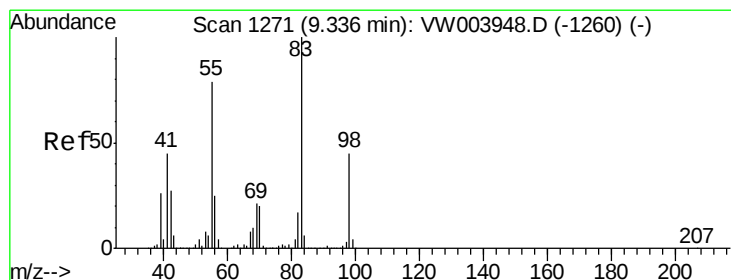
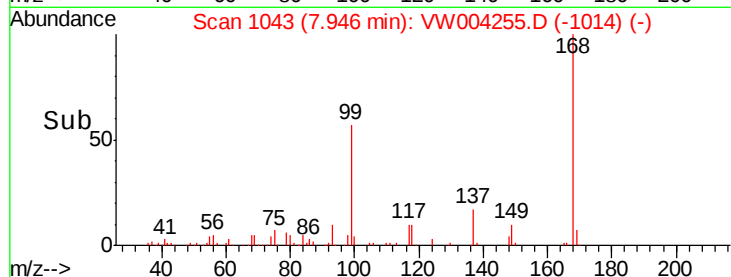
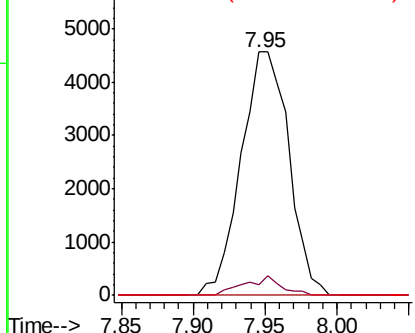
#38
Carbon Tetrachloride
Concen: 4.623 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 10506
Ion Ratio Lower Upper
117 100
119 4.6 75.3 112.9#
121 0.0 26.0 39.0#

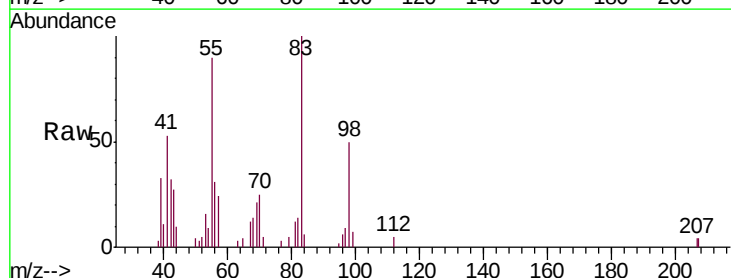


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

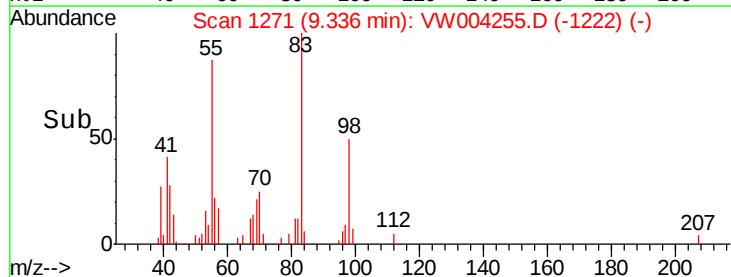
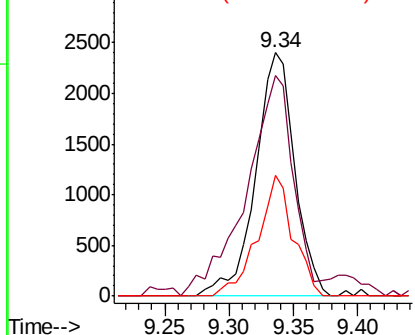


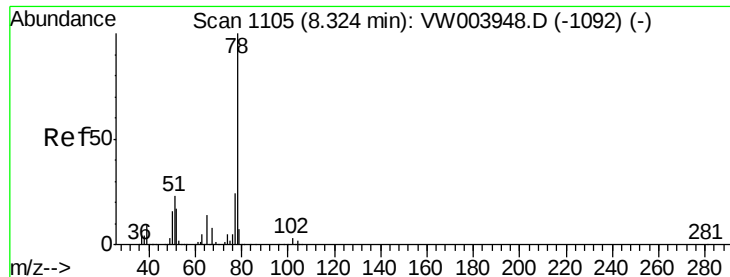
#39
Methylcyclohexane
Concen: 1.773 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 83 Resp: 5050
Ion Ratio Lower Upper
83 100
55 86.4 62.8 94.2
98 49.8 36.2 54.4



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





#40

Benzene

Concen: 1.398 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

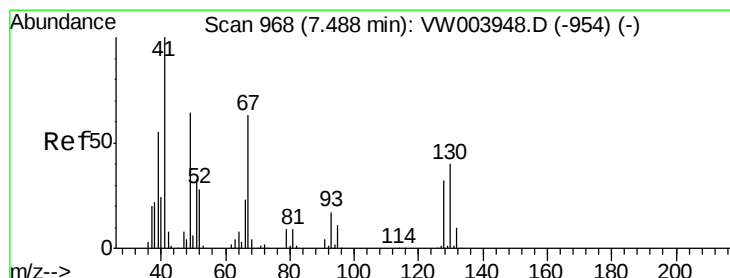
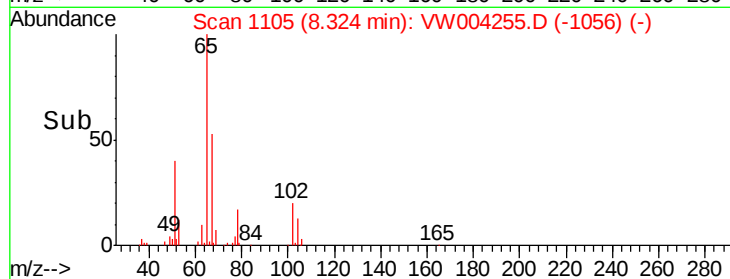
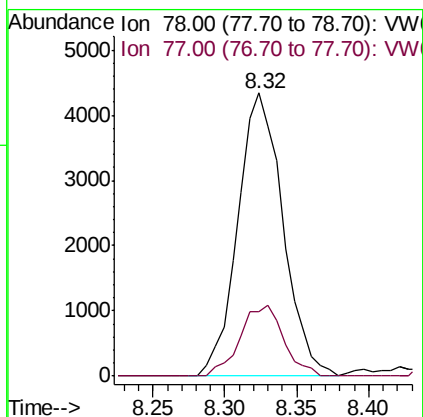
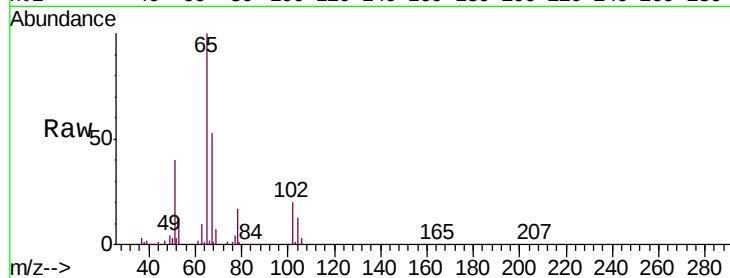
ClientSampleId :

Tot Ion: 78 Resp: 9431

Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3



#41

Methacrylonitrile

Concen: 1.215 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.04 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Tgt Ion: 41 Resp: 790

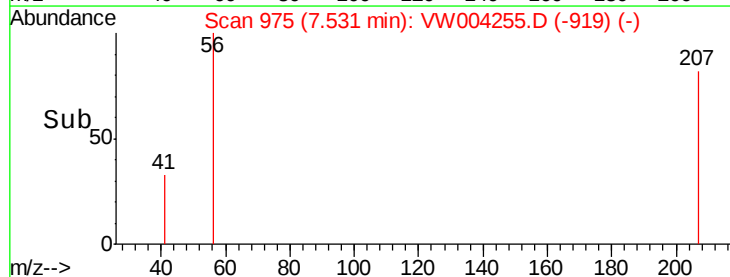
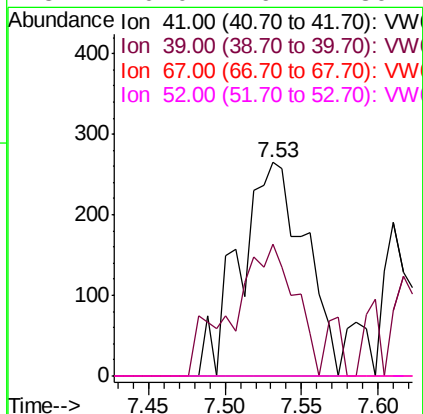
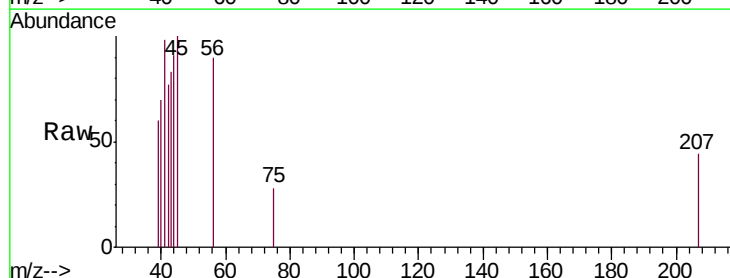
Ion Ratio Lower Upper

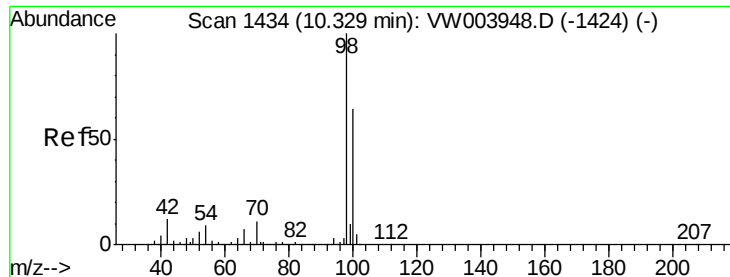
41 100

39 50.1 50.0 75.0

67 0.0 60.8 91.2#

52 0.0 26.2 39.4#





#50

Toluene-d8

Concen: 30.476 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

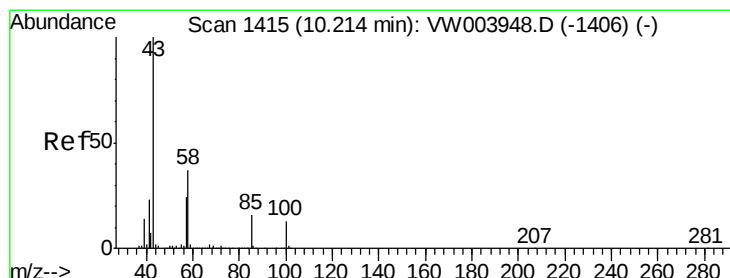
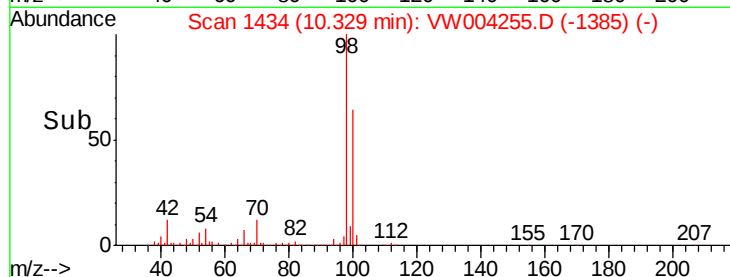
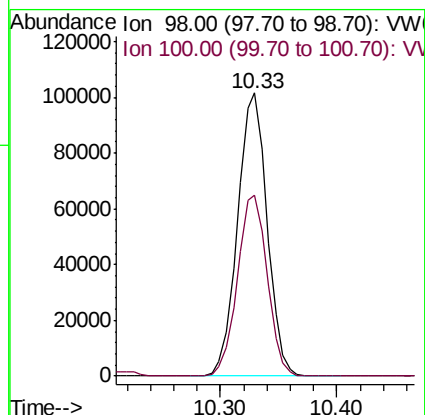
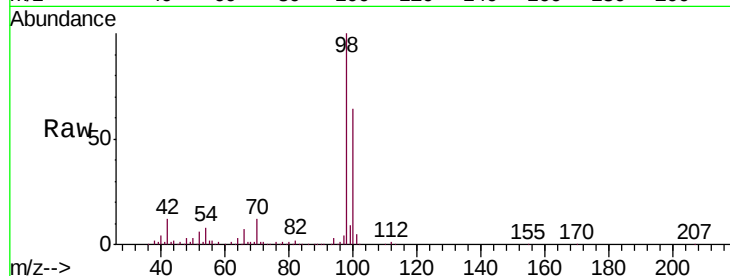
ClientSampleId :

Tot Ion: 98 Resp: 179354

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 17.007 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW004255.D

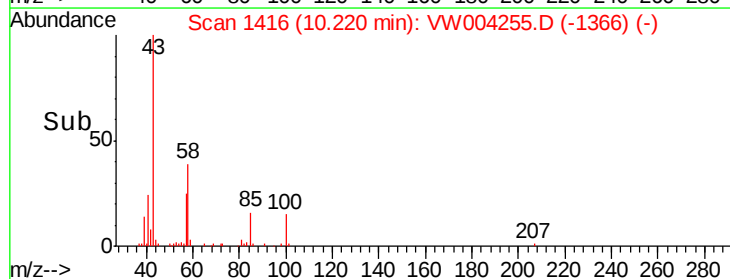
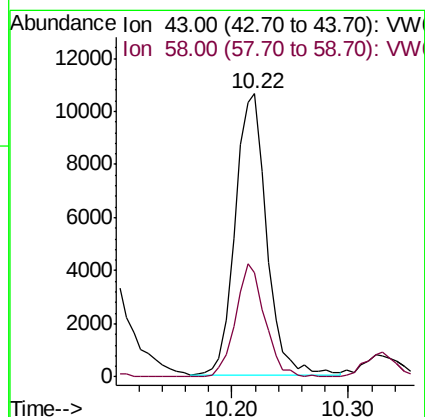
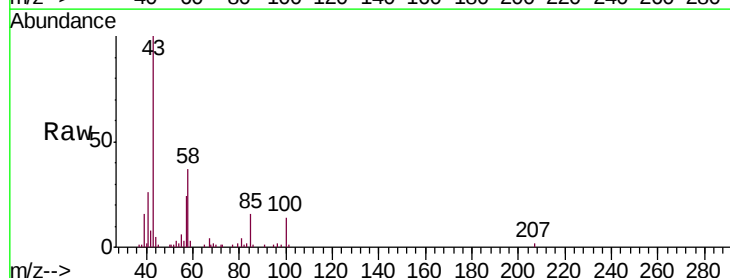
Acq: 27 Jul 2018 06:19

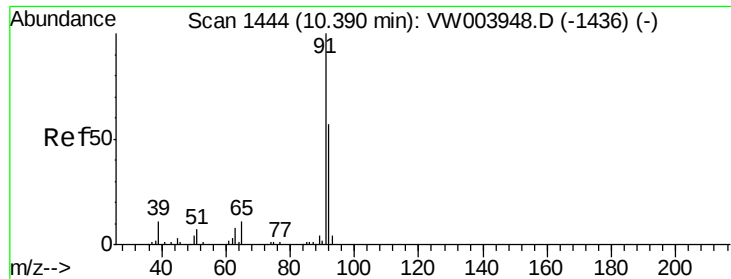
Tgt Ion: 43 Resp: 19880

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9





#52

Toluene

Concen: 5.057 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

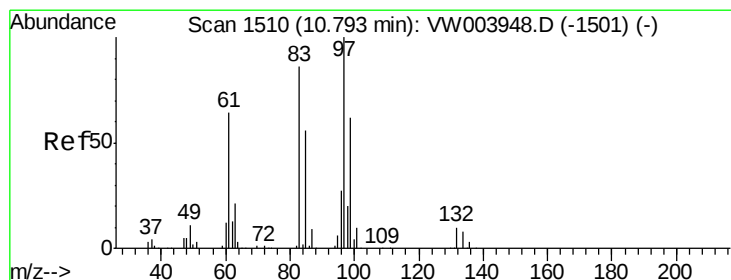
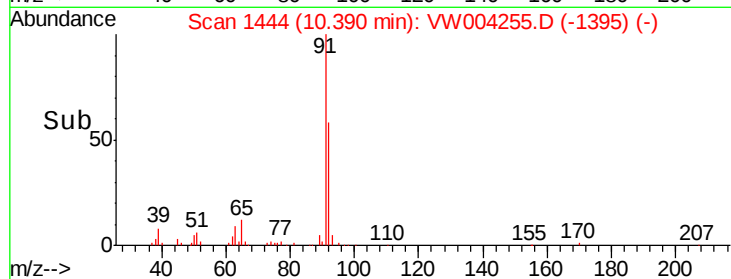
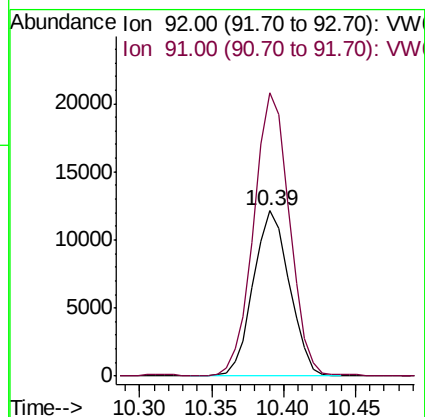
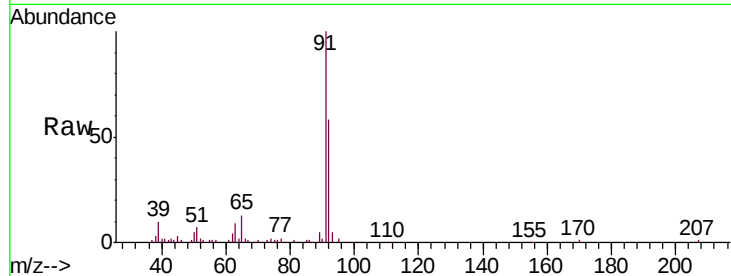
ClientSampled :

Tot Ion: 92 Resp: 21098

Ion Ratio Lower Upper

92 100

91 170.1 139.6 209.4



#55

1,1,2-Trichloroethane

Concen: 1.684 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Tgt Ion: 97 Resp: 2116

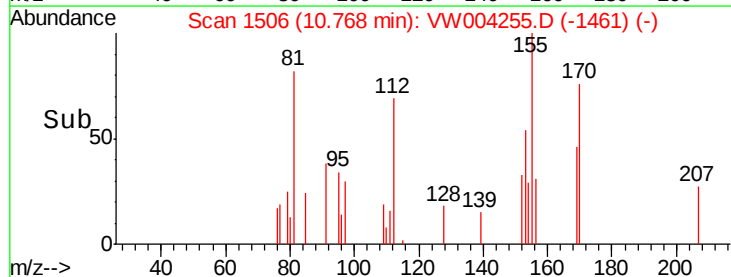
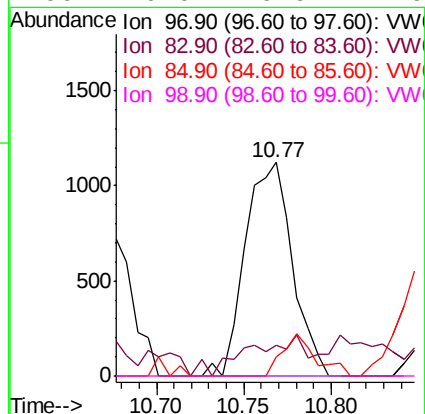
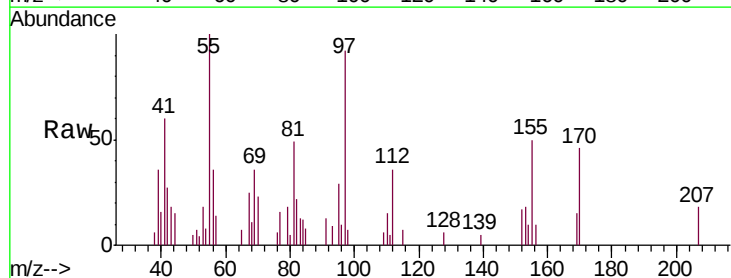
Ion Ratio Lower Upper

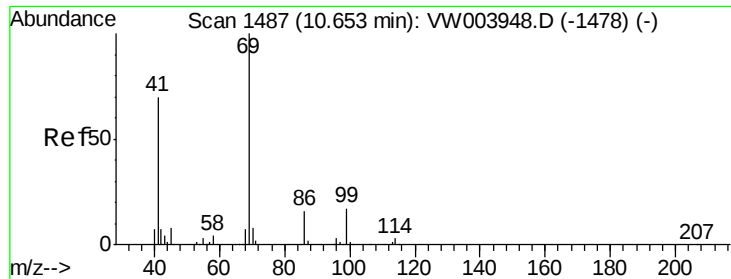
97 100

83 14.2 69.0 103.4#

85 8.8 45.0 67.6#

99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 3.085 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

ClientSampled :

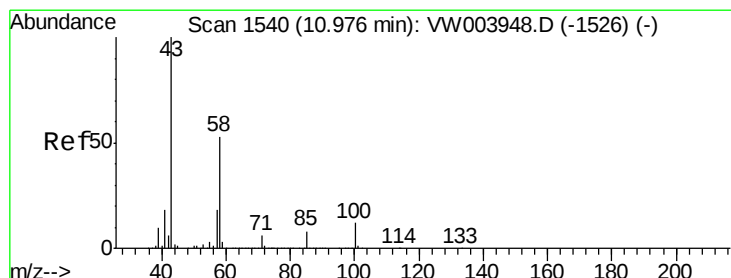
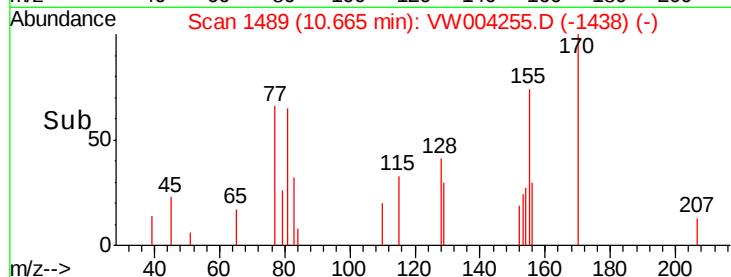
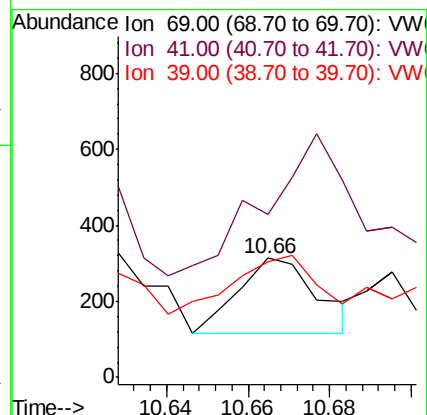
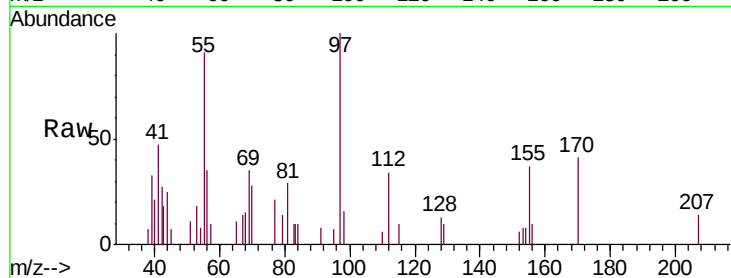
Tot Ion: 69 Resp: 265

Ion Ratio Lower Upper

69 100

41 385.3 56.5 84.7#

39 0.0 30.2 45.4#



#59

2-Hexanone

Concen: 5.337 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.03 min

Lab File: VW004255.D

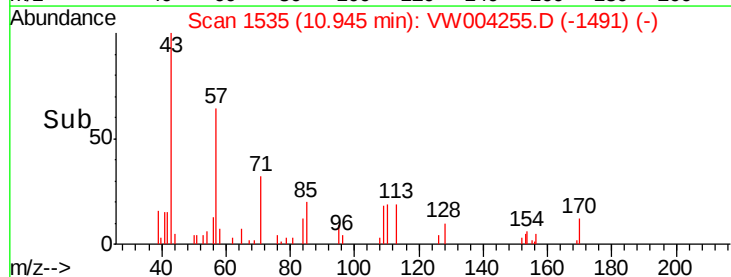
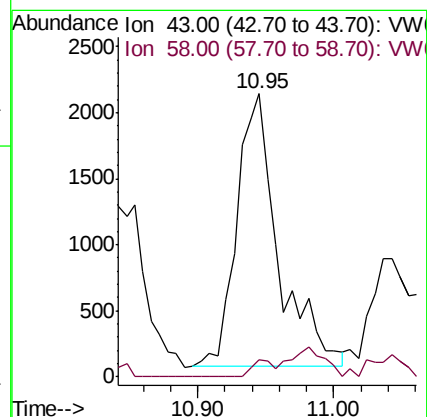
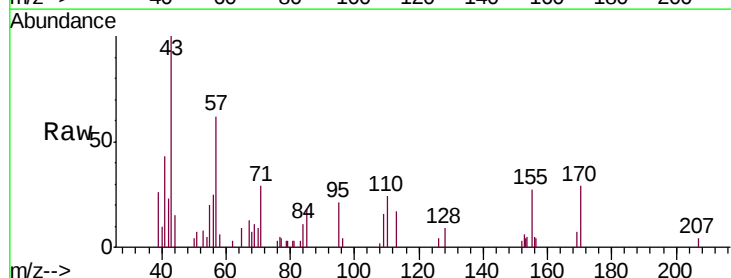
Acq: 27 Jul 2018 06:19

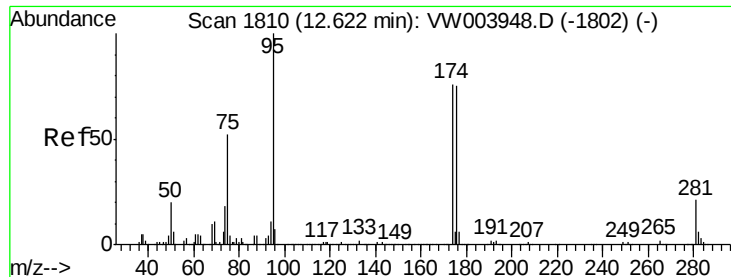
Tgt Ion: 43 Resp: 4397

Ion Ratio Lower Upper

43 100

58 3.2 26.0 78.0#

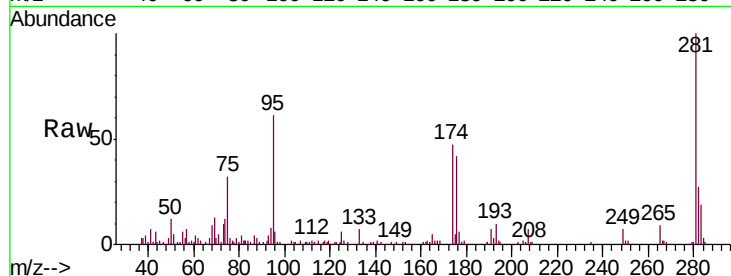




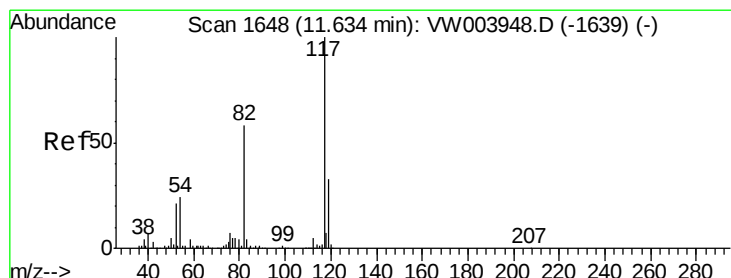
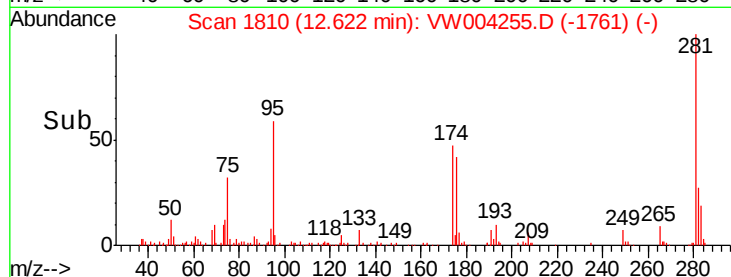
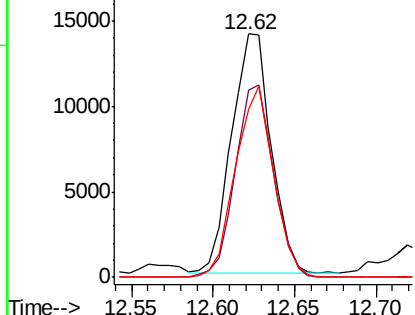
#62
4-Bromofluorobenzene
Concen: 11.170 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 23705
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.2
176 76.6 0.0 155.8

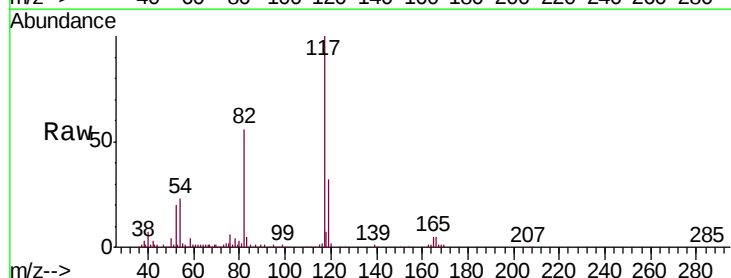


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

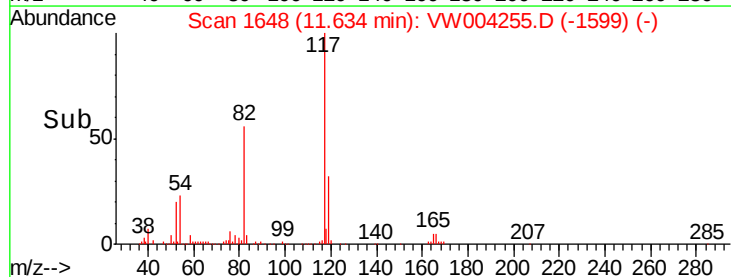
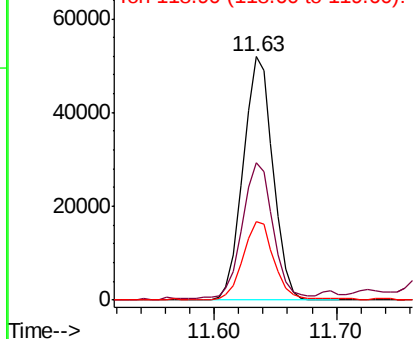


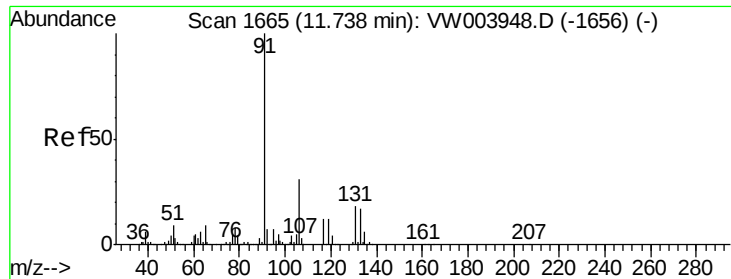
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 117 Resp: 87721
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 31.8 26.2 39.2



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

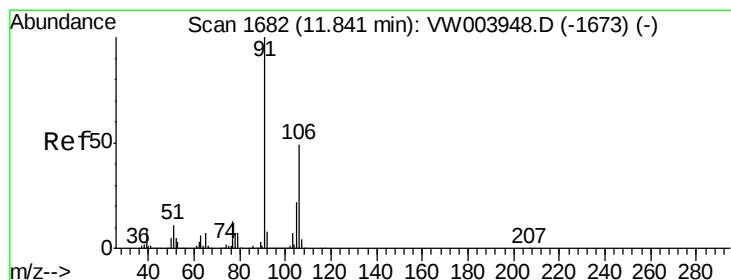
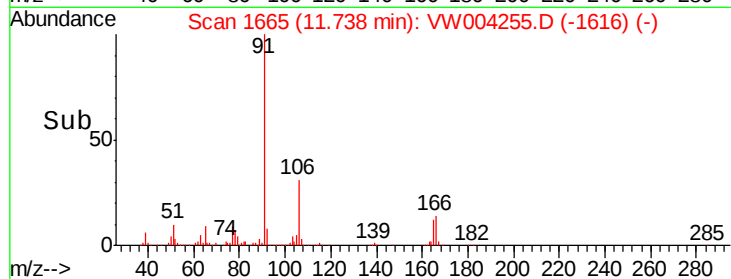
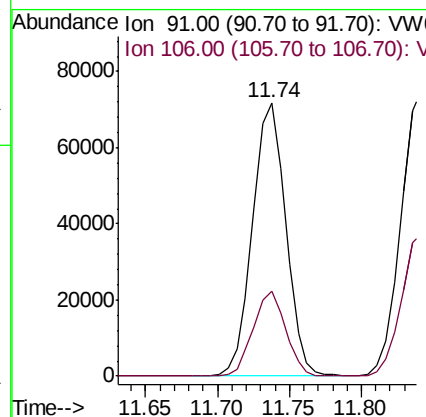
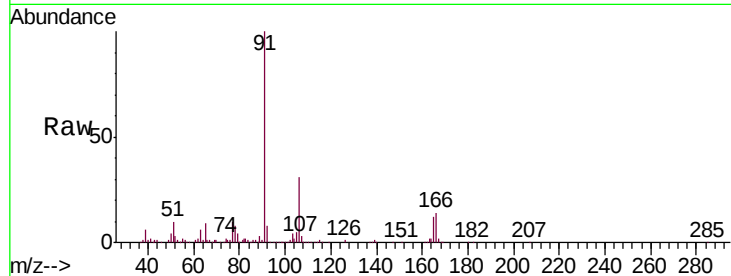




#67
Ethyl Benzene
Concen: 34.827 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

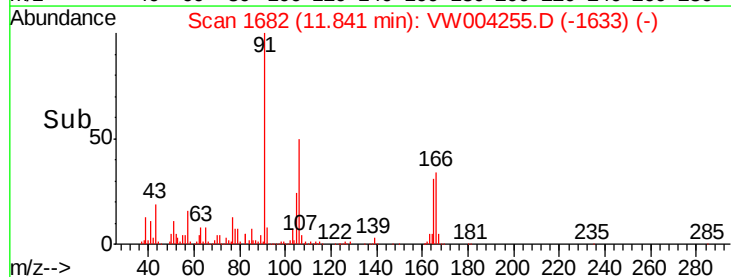
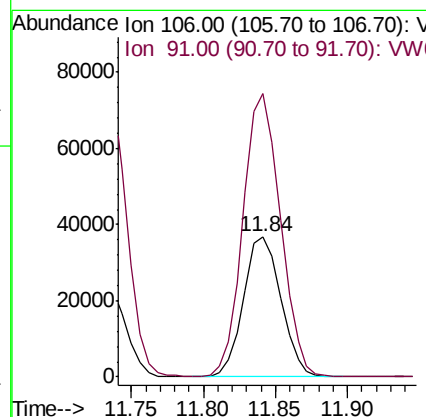
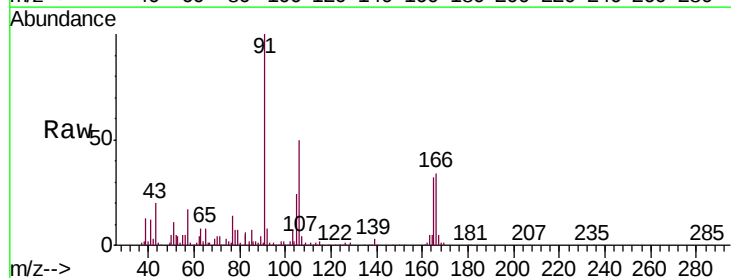
Instrument :
MSVOA_W
ClientSampleId :

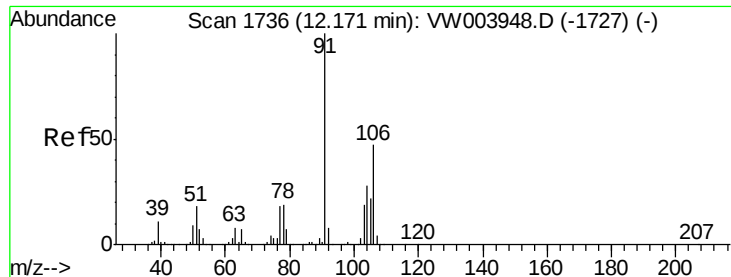
Tot Ion: 91 Resp: 114118
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 53.234 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 106 Resp: 66669
Ion Ratio Lower Upper
106 100
91 201.1 164.2 246.2

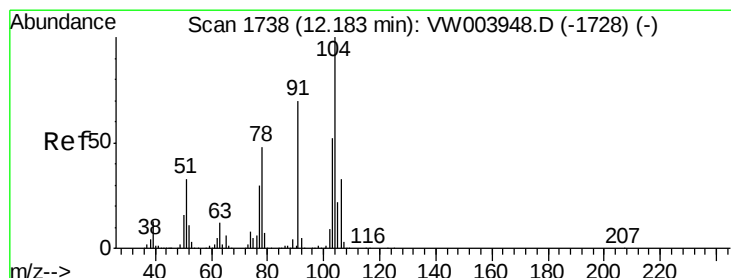
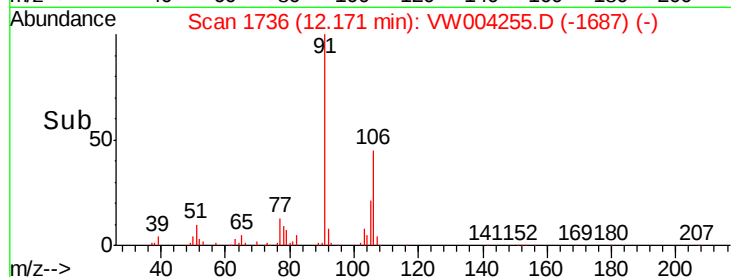
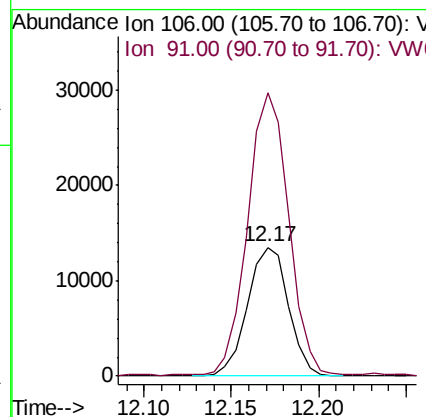
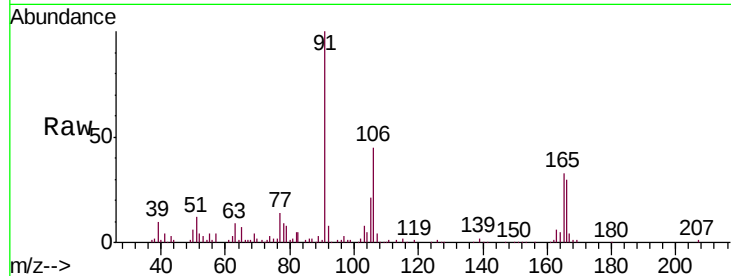




#69
o-Xylene
Concen: 19.101 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

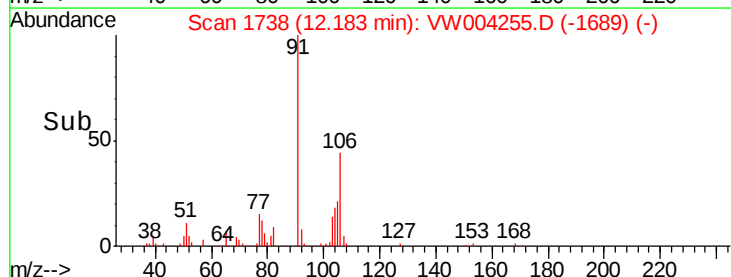
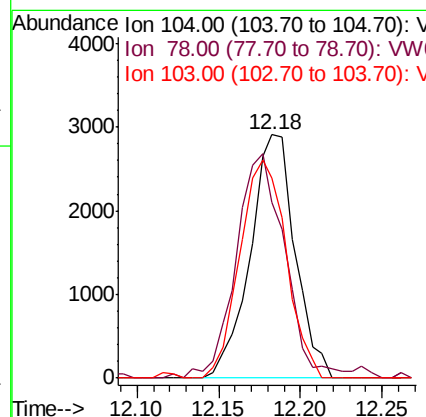
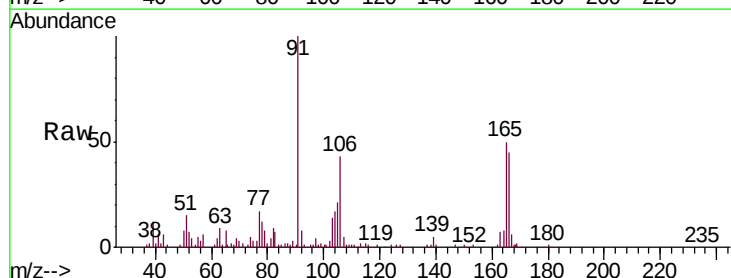
Instrument :
MSVOA_W
ClientSampleId :

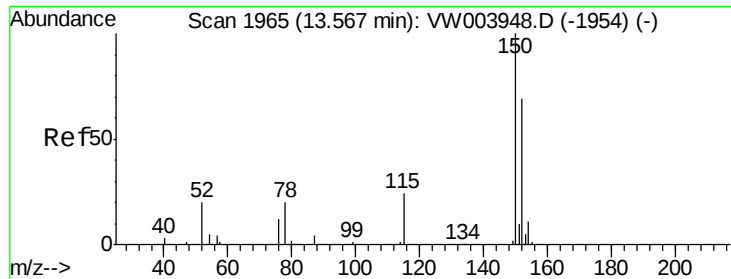
Tot Ion:106 Resp: 22190
Ion Ratio Lower Upper
106 100
91 218.2 107.5 322.6



#70
Styrene
Concen: 2.873 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion:104 Resp: 5575
Ion Ratio Lower Upper
104 100
78 100.2 41.0 61.4#
103 92.3 44.6 67.0#



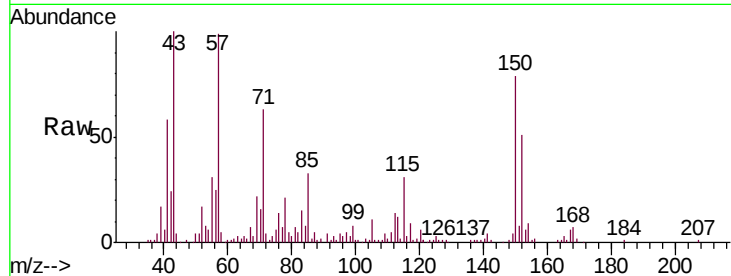


#72

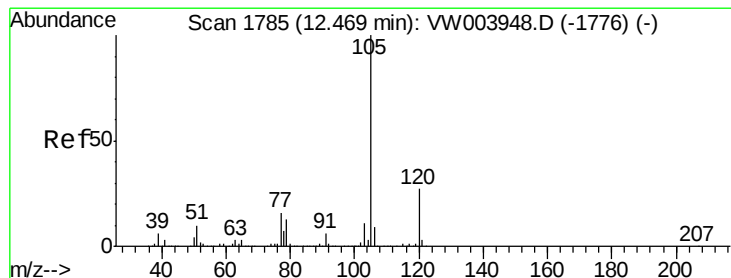
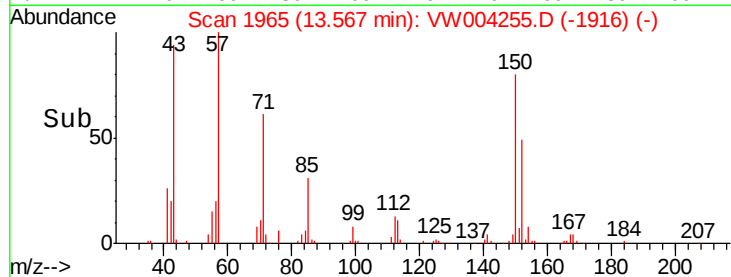
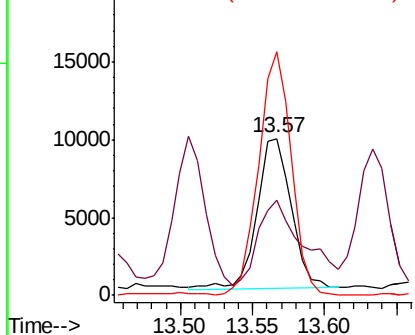
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	75.5	29.2	87.6
150	154.7	0.0	345.2



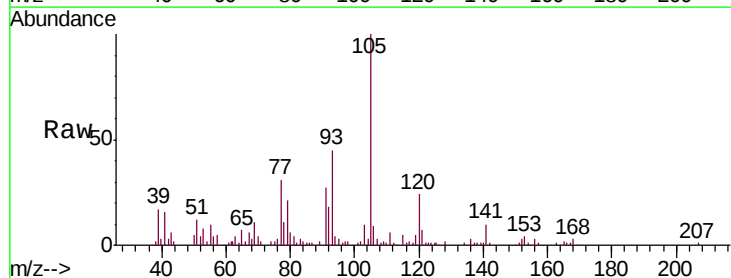
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



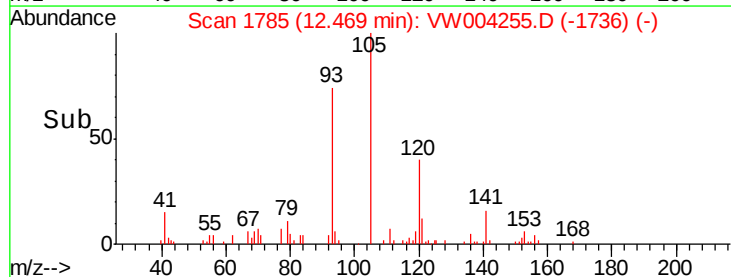
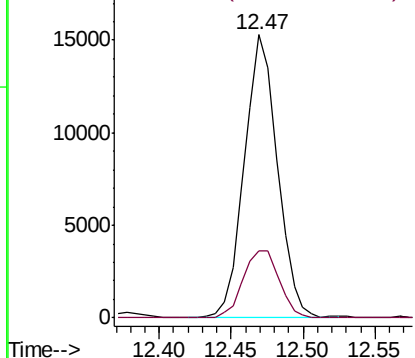
#73

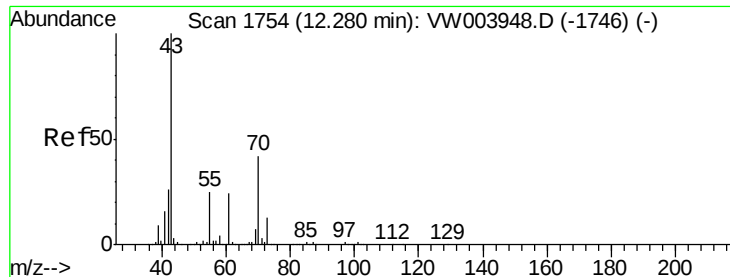
Isopropylbenzene
Concen: 21.798 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.2	39.6



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





#74

N-amvl acetate

Concen: 23.564 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6872

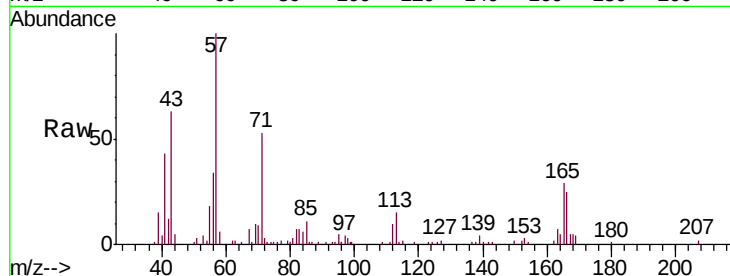
Ion Ratio Lower Upper

43 100

70 16.2 31.6 47.4#

55 30.0 20.0 30.0

61 0.0 18.5 27.7#

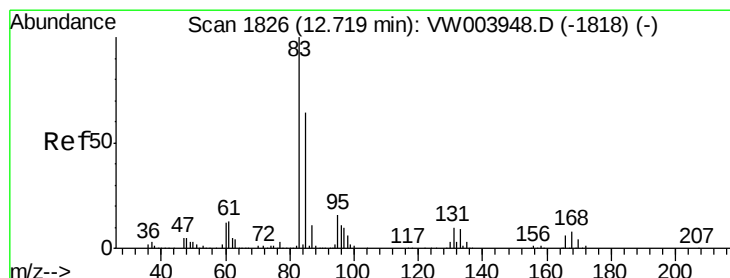
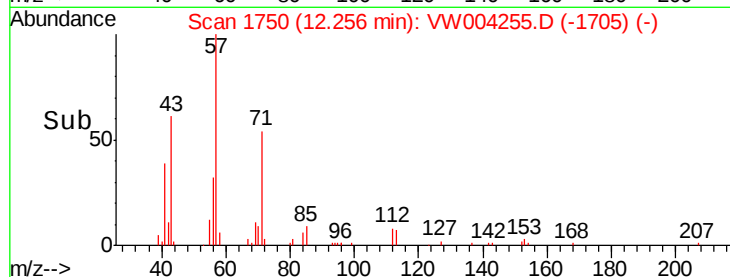
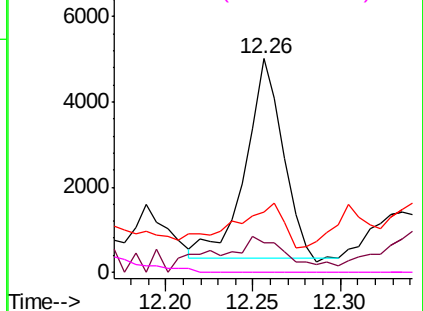


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 27.836 ug/l

RT: 12.79 min Scan# 1837

Delta R.T. 0.07 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

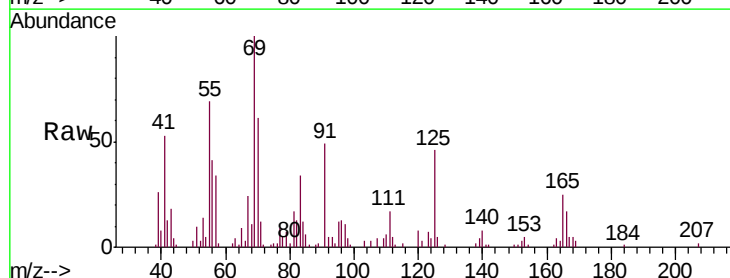
Tgt Ion: 83 Resp: 6025

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

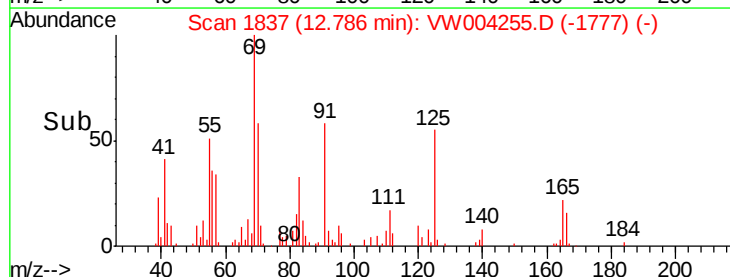
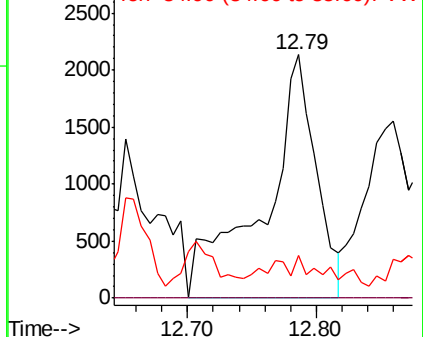
85 0.0 32.2 96.6#

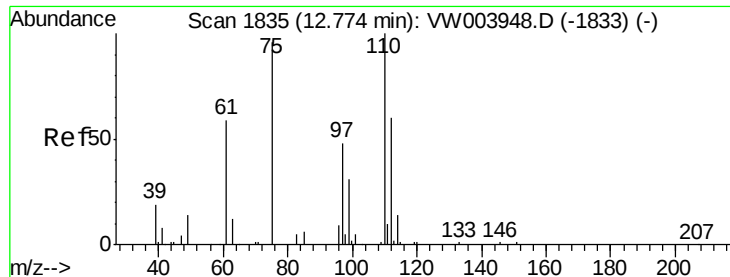


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

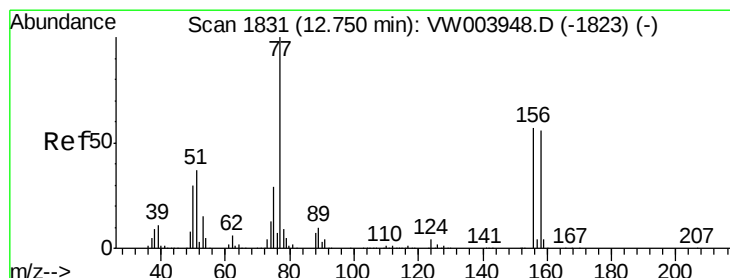
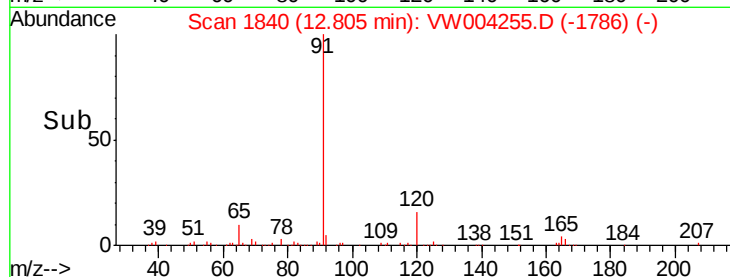
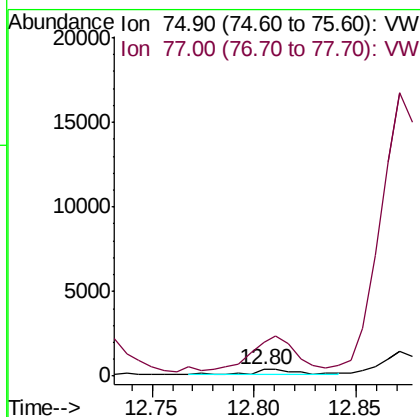
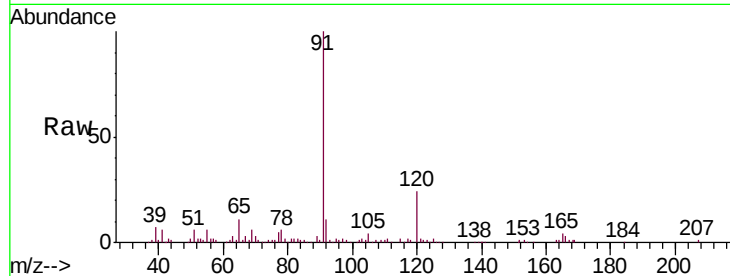




#76
 1,2,3-Trichloropropane
 Concen: 3.797 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. 0.03 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

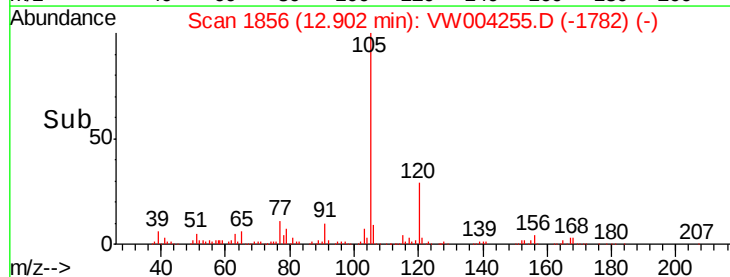
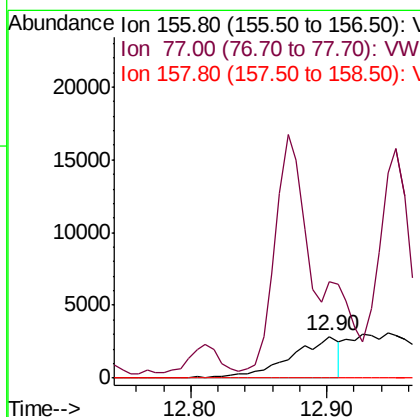
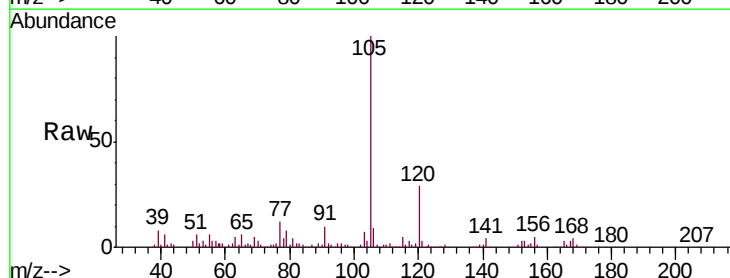
Instrument :
 MSVOA_W
 ClientSampleId :

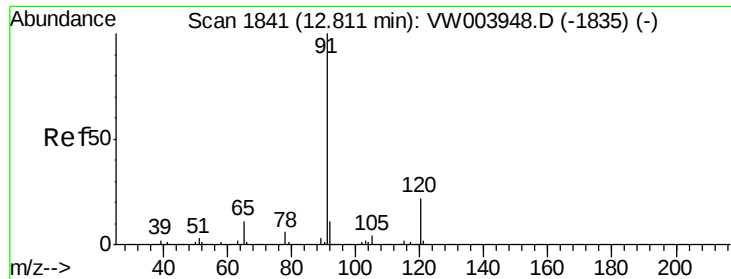
Tot Ion: 75 Resp: 597
 Ion Ratio Lower Upper
 75 100
 77 567.2 0.0 0.0#



#77
 Bromobenzene
 Concen: 25.888 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.15 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Tgt Ion: 156 Resp: 6933
 Ion Ratio Lower Upper
 156 100
 77 0.0 96.2 288.6#
 158 0.3 48.5 145.5#





#78

n-propylbenzene

Concen: 53.747 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

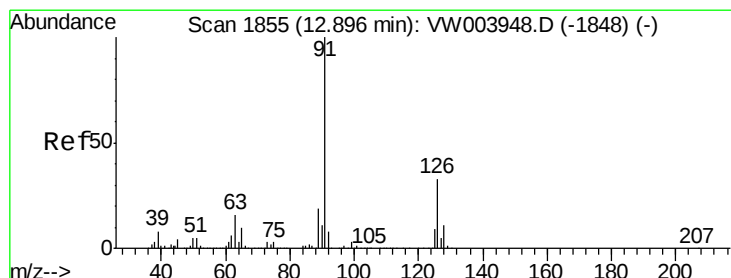
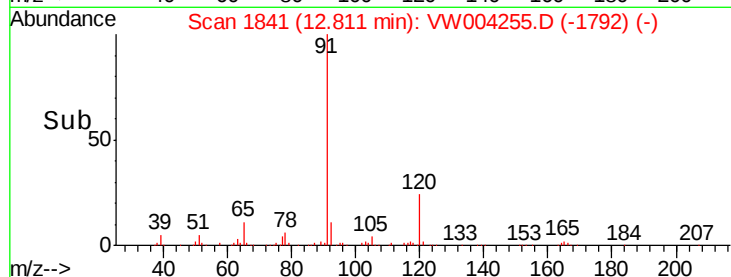
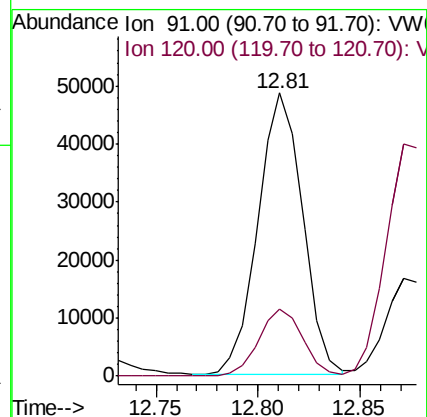
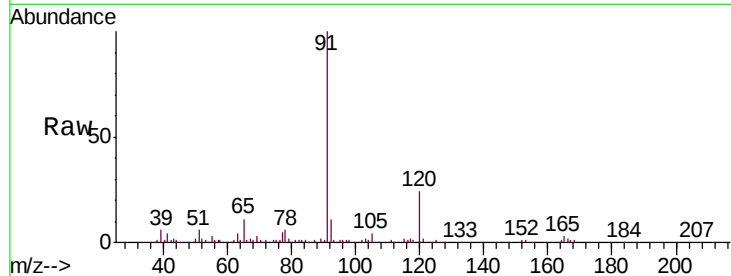
ClientSampled :

Tot Ion: 91 Resp: 73800

Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.6



#79

2-Chlorotoluene

Concen: 32.761 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: VW004255.D

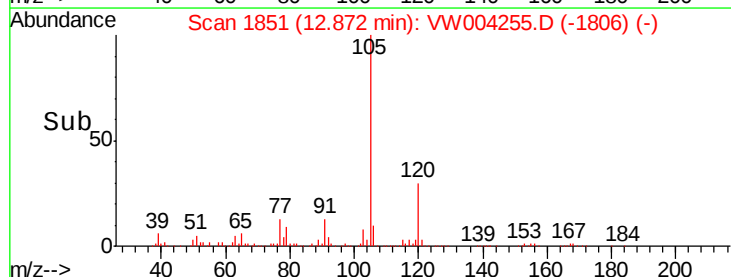
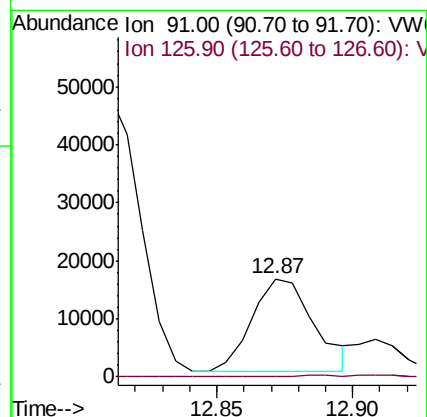
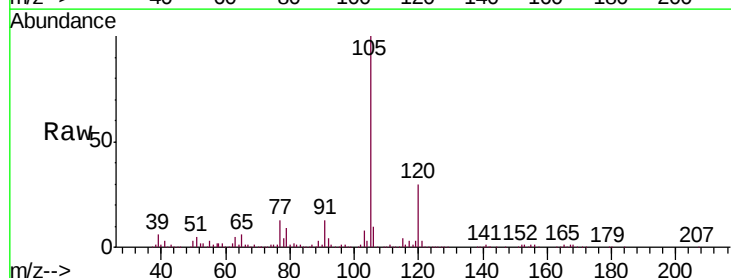
Acq: 27 Jul 2018 06:19

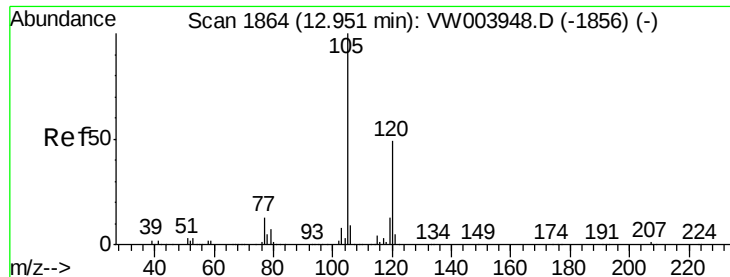
Tgt Ion: 91 Resp: 25371

Ion Ratio Lower Upper

91 100

126 0.5 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 175.270 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

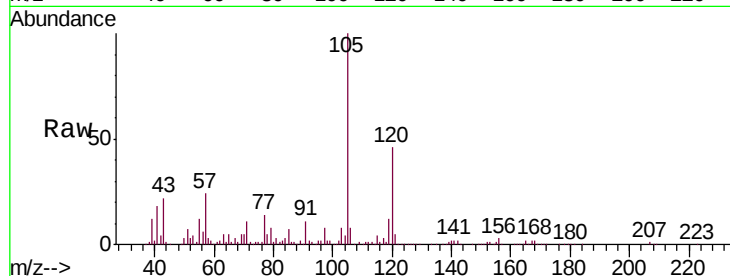
ClientSampled :

Tot Ion:105 Resp: 165082

Ion Ratio Lower Upper

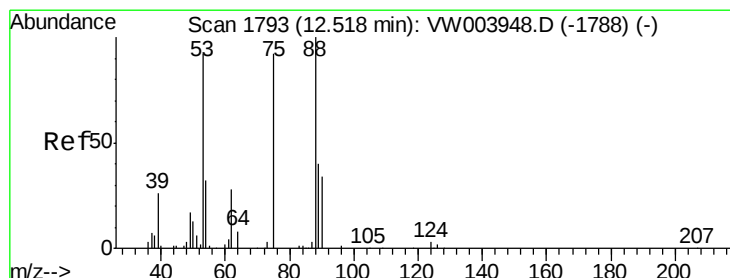
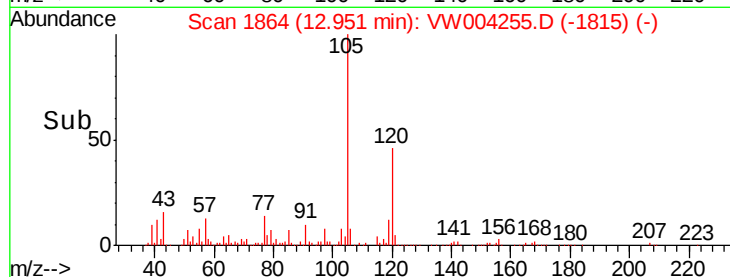
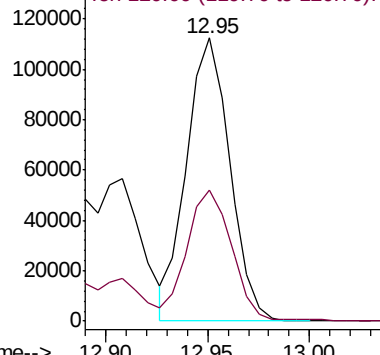
105 100

120 48.4 24.4 73.2



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: 5.852 ug/l

RT: 12.42 min Scan# 1777

Delta R.T. -0.10 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

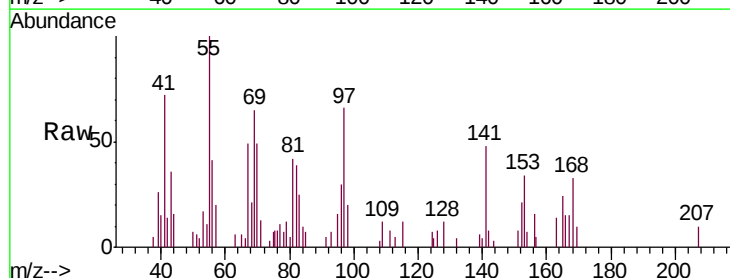
Tgt Ion: 75 Resp: 416

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

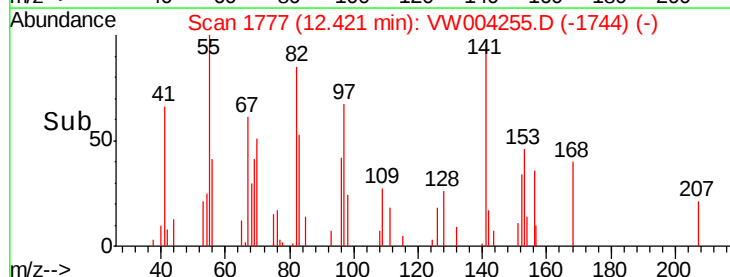
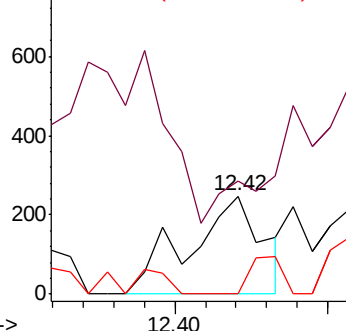
89 16.3 36.6 54.8#

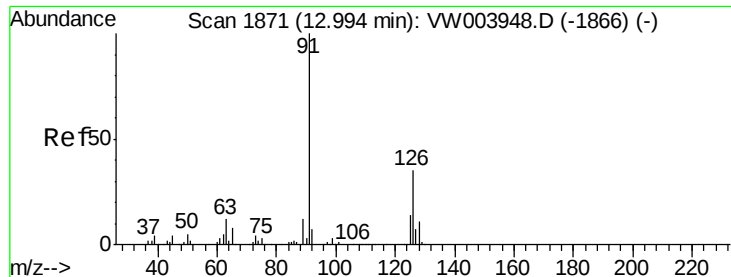


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 21.127 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

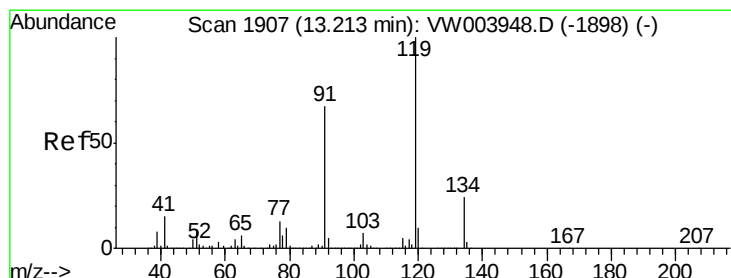
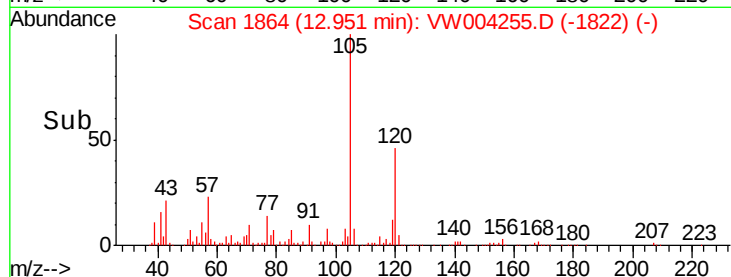
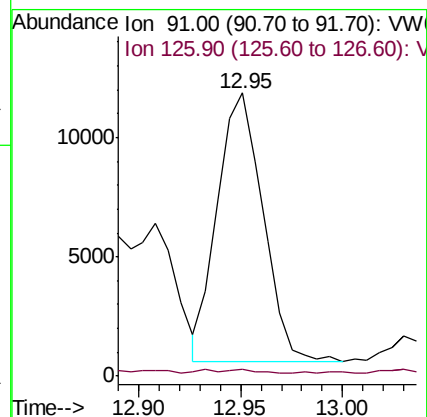
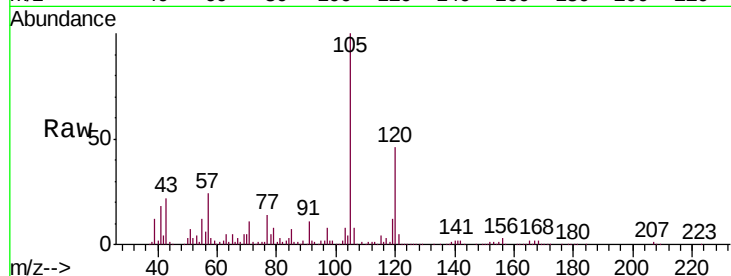
ClientSampled :

Tot Ion: 91 Resp: 17558

Ion Ratio Lower Upper

91 100

126 0.5 16.7 50.0#



#83

tert-Butylbenzene

Concen: 56.162 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.04 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

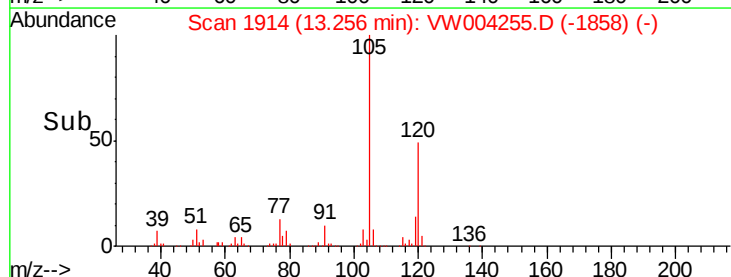
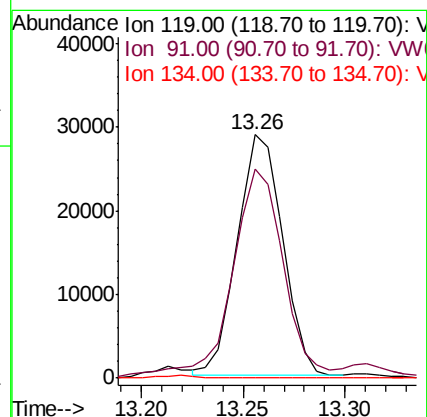
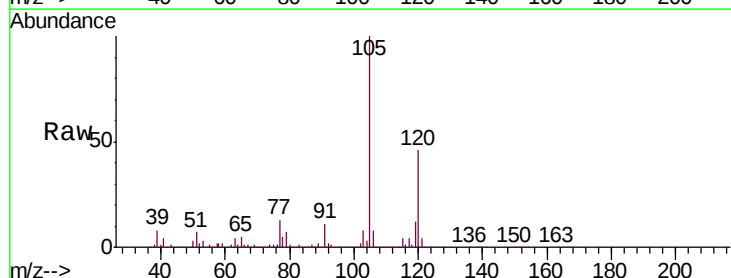
Tgt Ion: 119 Resp: 44411

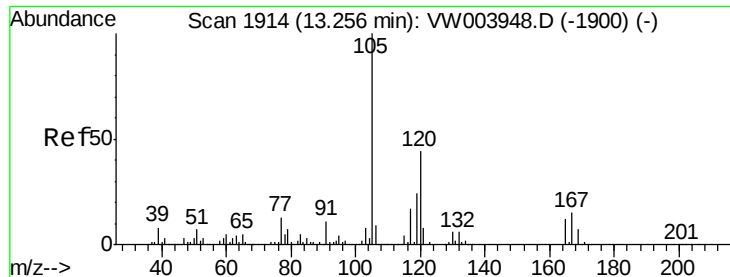
Ion Ratio Lower Upper

119 100

91 95.2 33.2 99.6

134 0.0 13.0 38.9#

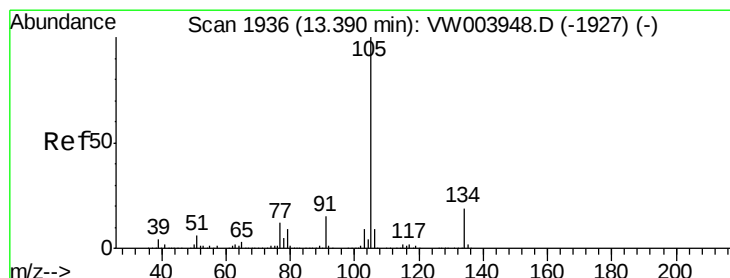
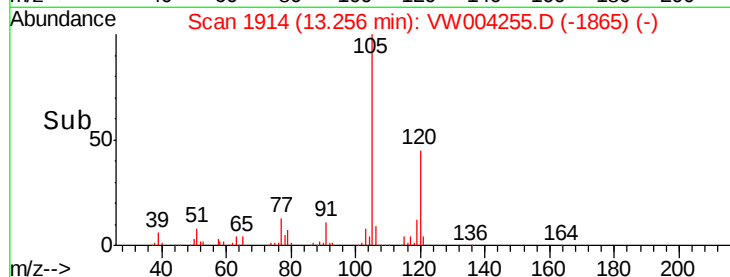
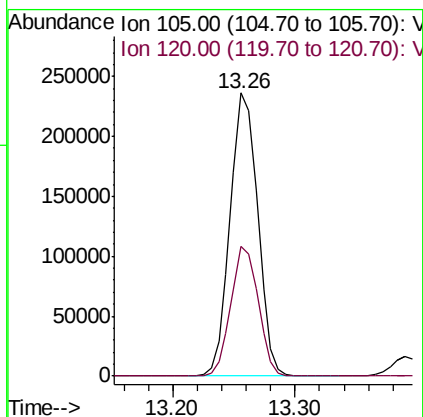
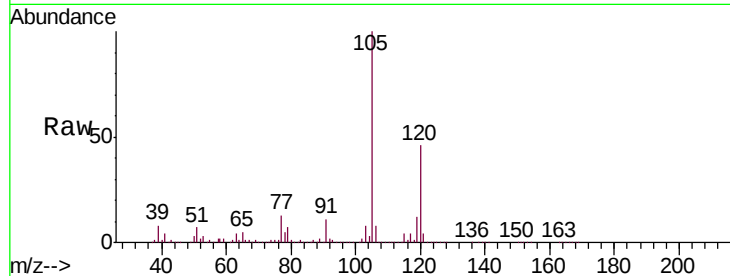




#84
 1,2,4-Trimethylbenzene
 Concen: 380.145 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

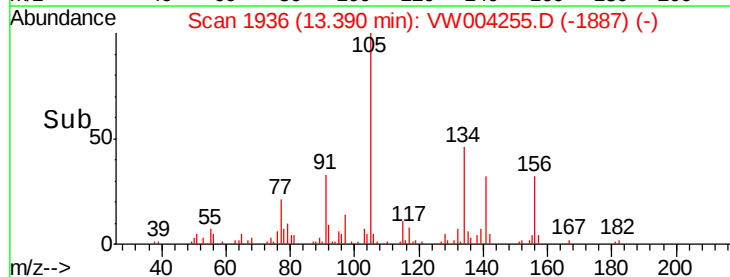
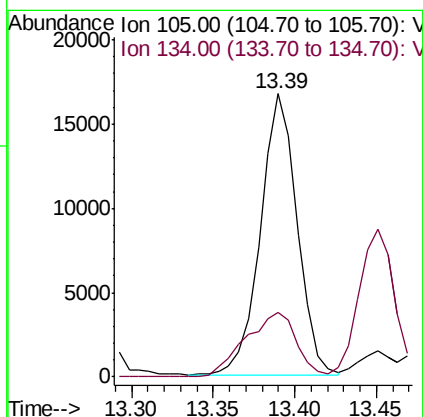
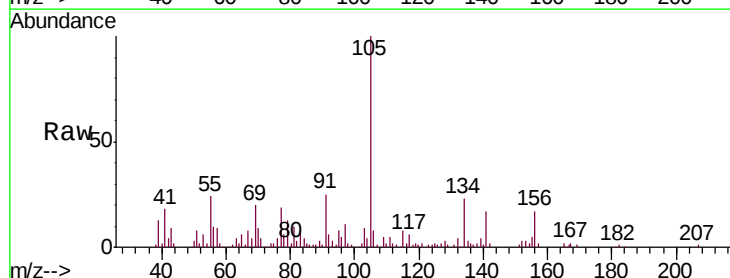
Instrument :
 MSVOA_W
 ClientSampleId :

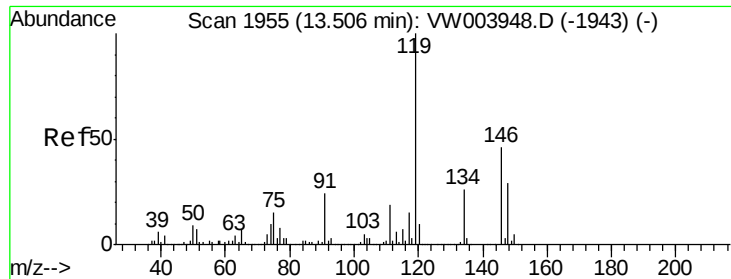
Tot Ion:105 Resp: 368375
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 22.184 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Tgt Ion:105 Resp: 26029
 Ion Ratio Lower Upper
 105 100
 134 32.0 9.8 29.4#

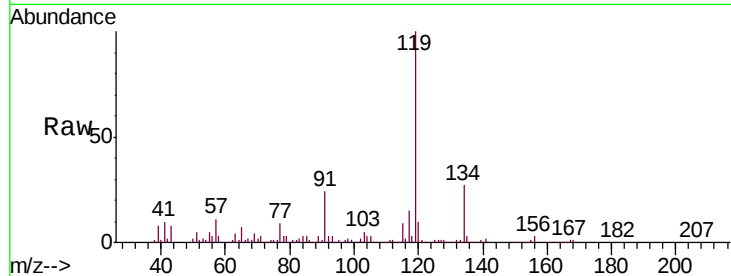




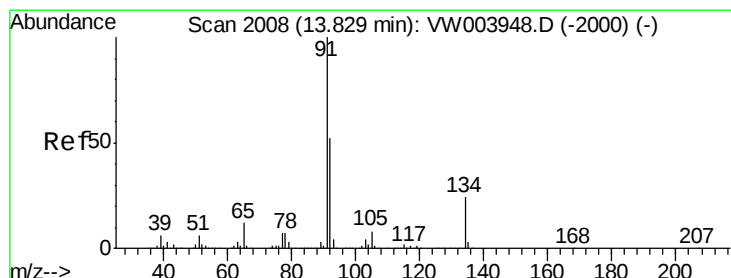
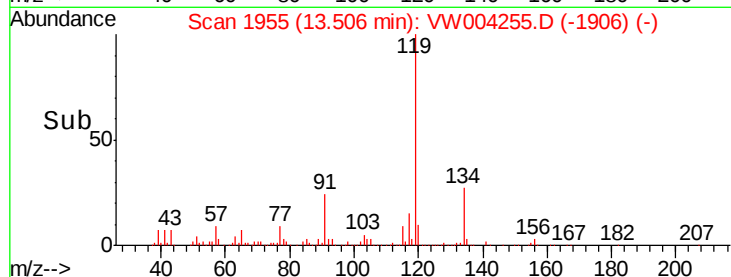
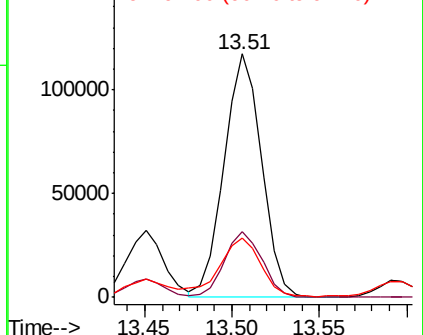
#86
p-Isopropyltoluene
Concen: 169.318 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 174256
Ion Ratio Lower Upper
119 100
134 27.1 13.0 38.9
91 26.8 11.8 35.3

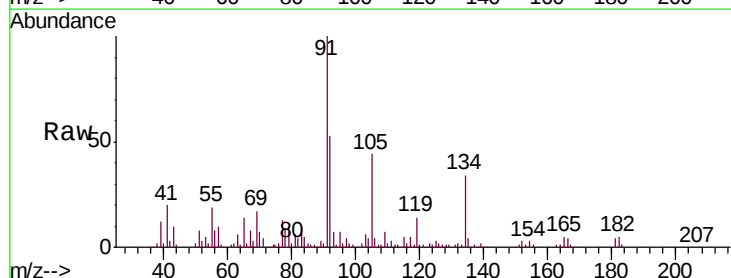


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

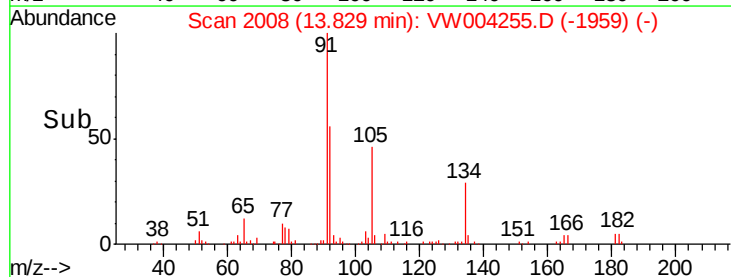
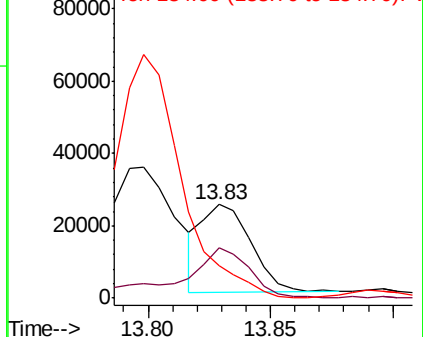


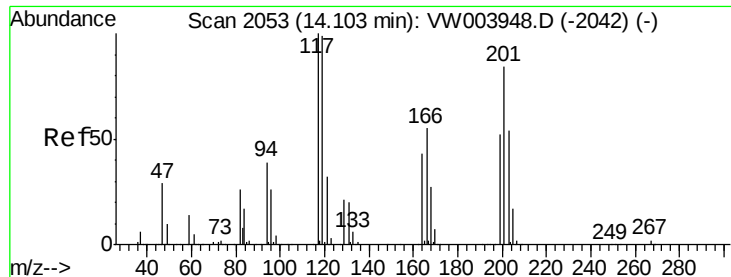
#89
n-Butylbenzene
Concen: 33.569 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004255.D
Acq: 27 Jul 2018 06:19

Tgt Ion: 91 Resp: 33962
Ion Ratio Lower Upper
91 100
92 73.1 26.1 78.3
134 0.0 12.4 37.4#



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): V





#90

Hexachloroethane

Concen: 235.073 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

Instrument :

MSVOA_W

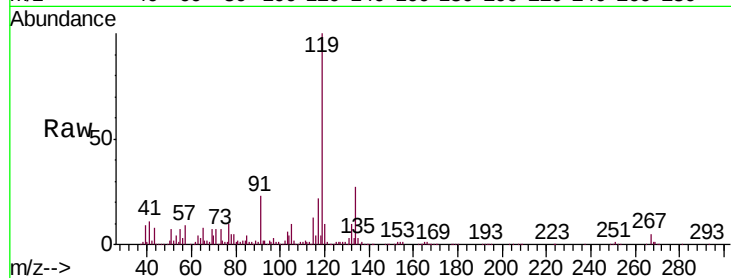
ClientSampled :

Tot Ion:117 Resp: 44596

Ion Ratio Lower Upper

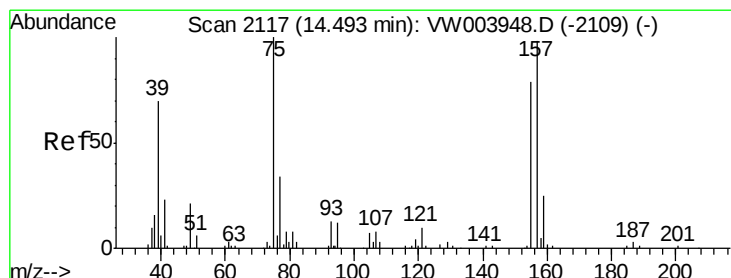
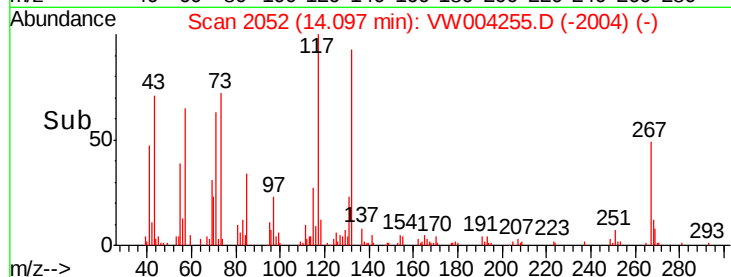
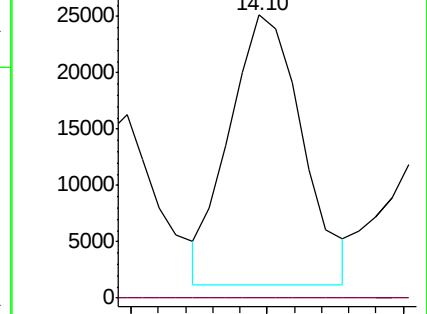
117 100

201 0.0 40.3 120.9#



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: 72.748 ug/l

RT: 14.52 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VW004255.D

Acq: 27 Jul 2018 06:19

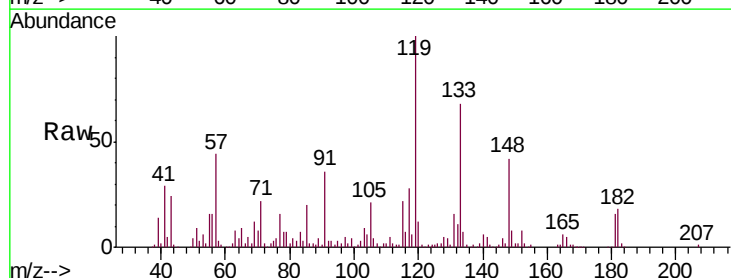
Tgt Ion: 75 Resp: 2800

Ion Ratio Lower Upper

75 100

155 16.3 39.4 118.1#

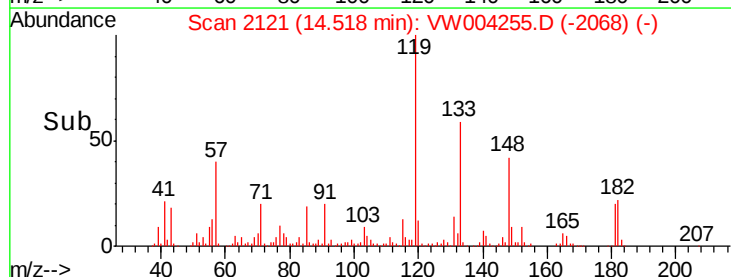
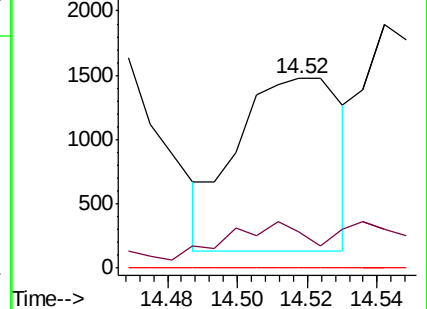
157 0.0 51.8 155.4#

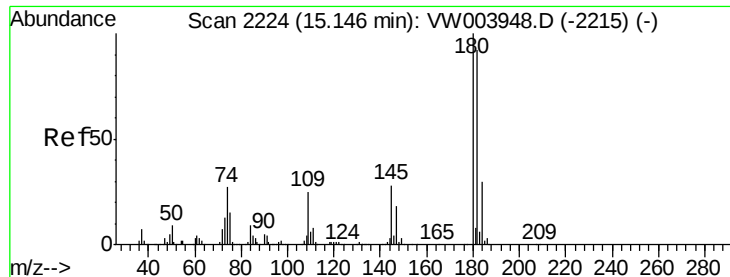


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

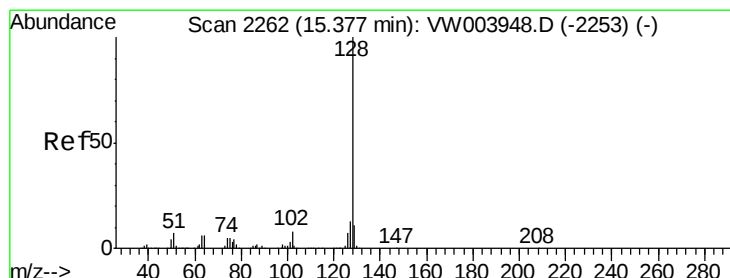
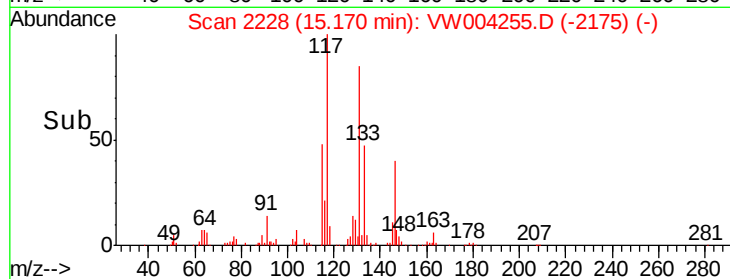
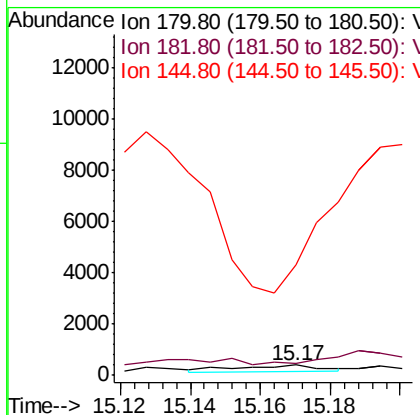
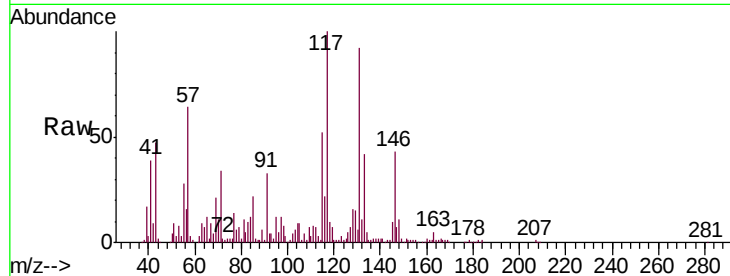




#93
 1,2,4-Trichlorobenzene
 Concen: 1.327 ug/l
 RT: 15.17 min Scan# 2228
 Delta R.T. 0.02 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

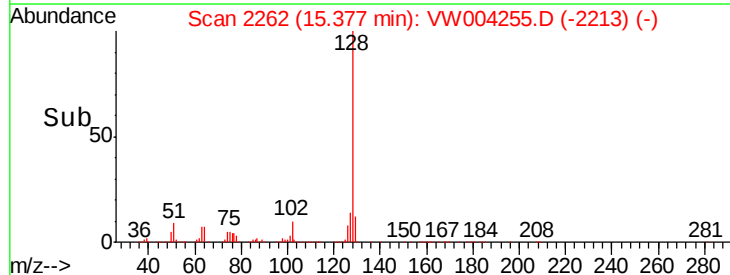
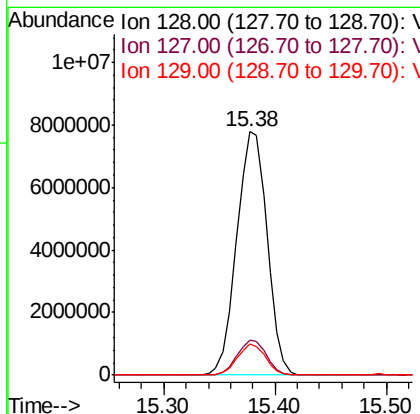
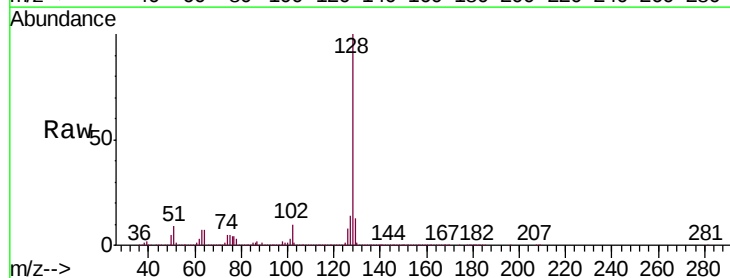
Instrument :
 MSVOA_W
 ClientSampleId :

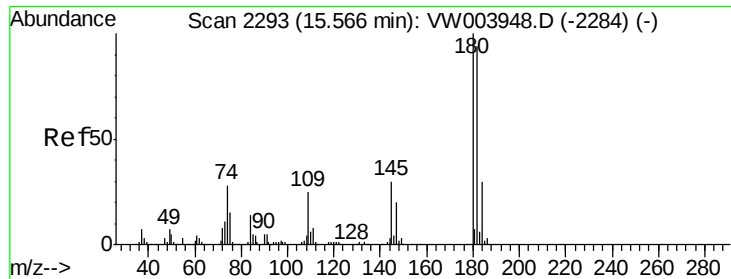
Tot Ion:180 Resp: 444
 Ion Ratio Lower Upper
 180 100
 182 192.1 46.9 140.8#
 145 0.0 15.0 45.0#



#95
 Naphthalene
 Concen: 23726.040 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Tgt Ion:128 Resp:14657407
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.7 16.1
 129 12.0 8.7 13.1

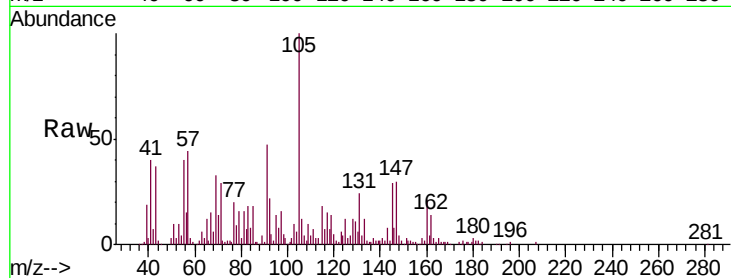




#96
 1,2,3-Trichlorobenzene
 Concen: 2.679 ug/l
 RT: 15.59 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: VW004255.D
 Acq: 27 Jul 2018 06:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.6#
145	0.0	15.8	47.4#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

