

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006241.D
 Acq On : 19 Oct 2018 22:13
 Operator : VA/AP
 Sample : J5604-03RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

Quant Time: Oct 20 01:23:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	248008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	91569	71.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.20%	
35) Dibromofluoromethane	7.88	113	82651	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
50) Toluene-d8	10.33	98	200312	35.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.86%	
62) 4-Bromofluorobenzene	12.62	95	49428	23.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.25	59	536	6.188	ug/l #	71
16) Acetone	4.15	43	43344	174.948	ug/l	99
17) Carbon Disulfide	4.37	76	4168	1.064	ug/l	99
18) Methyl Acetate	4.68	43	1311	2.023	ug/l #	81
20) Methylene Chloride	4.92	84	6988	3.618	ug/l	96
25) 2-Butanone	7.19	43	8756	25.167	ug/l	95
29) Tetrahydrofuran	7.55	42	927	4.335	ug/l #	80
31) Cyclohexane	7.95	56	5586	2.370	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	10036	4.390	ug/l #	49
37) Ethyl Acetate	7.19	43	8756	10.309	ug/l #	67
38) Carbon Tetrachloride	7.95	117	14241	5.683	ug/l #	17
39) Methylcyclohexane	9.34	83	7534	2.479	ug/l	96
40) Benzene	8.33	78	125784	20.060	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	2468	2.837	ug/l	96
52) Toluene	10.39	92	123605	29.402	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	1224	1.023	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.93	63	725	1.293	ug/l	90
59) 2-Hexanone	11.04	43	751	1.209	ug/l	64
67) Ethyl Benzene	11.74	91	35391	6.725	ug/l	96
68) m/p-Xylenes	11.84	106	72834	35.015	ug/l	100
69) o-Xylene	12.17	106	48927	24.681	ug/l	99
70) Styrene	12.19	104	10911	3.385	ug/l #	35
71) Bromoform	12.40	173	1814	3.014	ug/l #	38
73) Isopropylbenzene	12.47	105	21236	7.373	ug/l	93
74) N-amyl acetate	12.26	43	5301	9.476	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.68	83	3552	8.109	ug/l #	31
76) 1,2,3-Trichloropropane	12.62	75	26076	83.743	ug/l #	100
77) Bromobenzene	12.94	156	31931	45.265	ug/l #	1
78) n-propylbenzene	12.81	91	19598	5.849	ug/l	97
79) 2-Chlorotoluene	12.87	91	12227	6.495	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.95	105	39119	16.112	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	26076	200.180	ug/l #	10
82) 4-Chlorotoluene	12.95	91	4256	2.158	ug/l #	58
83) tert-Butylbenzene	13.21	119	123288	56.755	ug/l	95

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 Response via : Initial Calibration

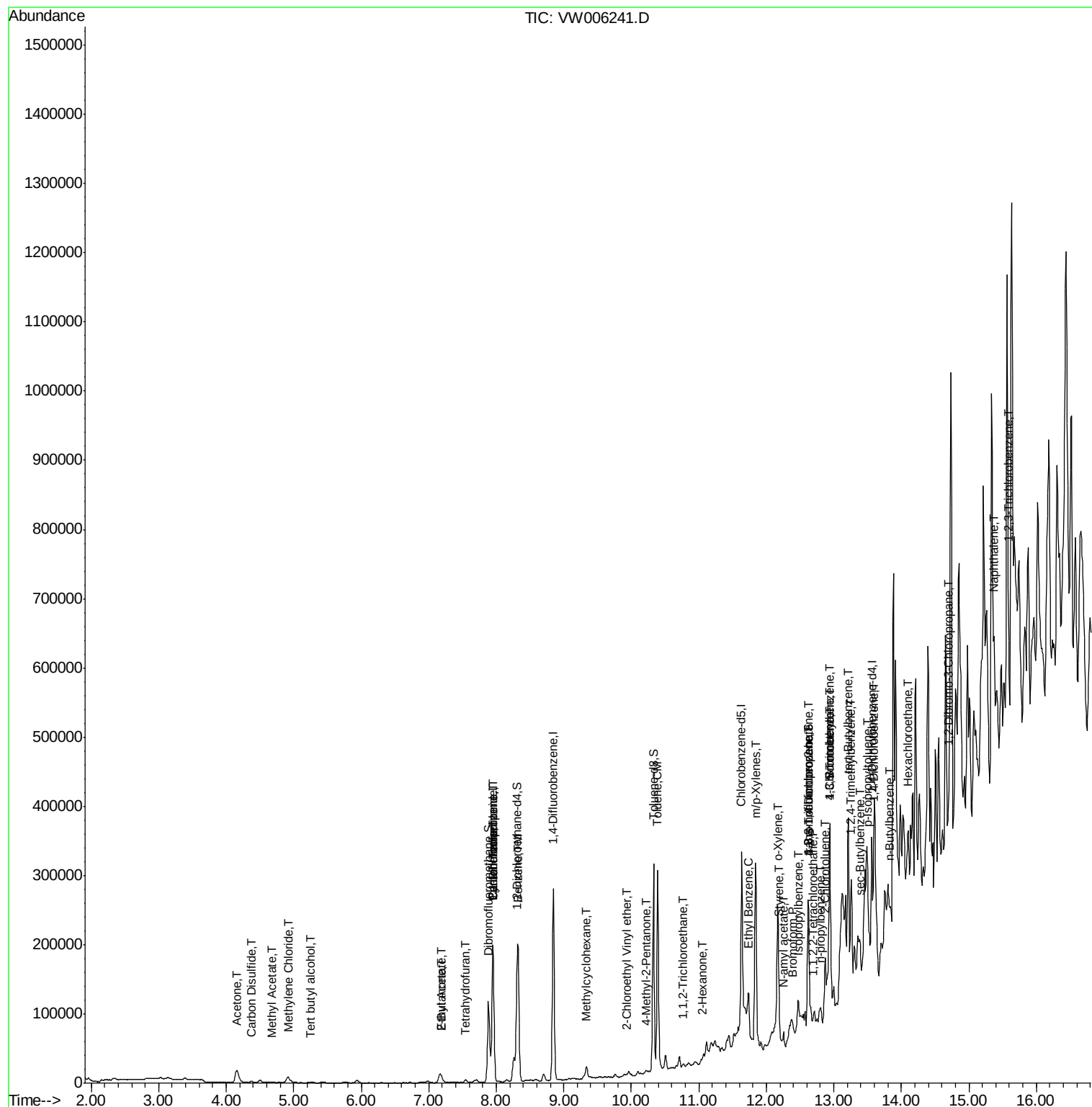
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	90869	36.986	ug/l	100
85) sec-Butylbenzene	13.39	105	13126	4.277	ug/l #	77
86) p-Isopropyltoluene	13.51	119	30894	11.130	ug/l	92
88) 1,4-Dichlorobenzene	13.58	146	4374	3.129	ug/l #	43
89) n-Butylbenzene	13.83	91	14094	5.552	ug/l #	79
90) Hexachloroethane	14.10	117	3873	8.237	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.70	75	451	5.750	ug/l	82
95) Naphthalene	15.38	128	168581	105.173	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.59	180	2624	3.148	ug/l #	12

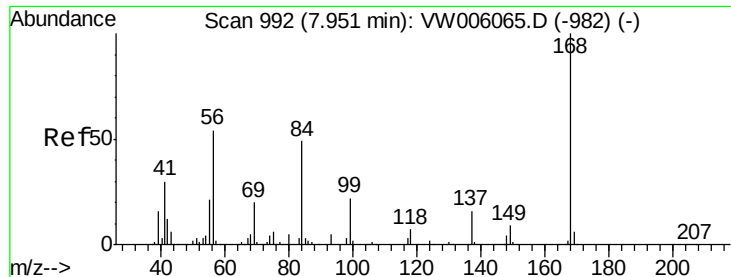
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

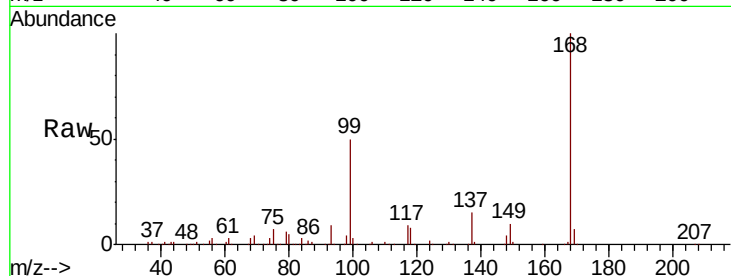
MS-VB-25868-BOX-1RE

Tot Ion:168 Resp: 155344

Ion Ratio Lower Upper

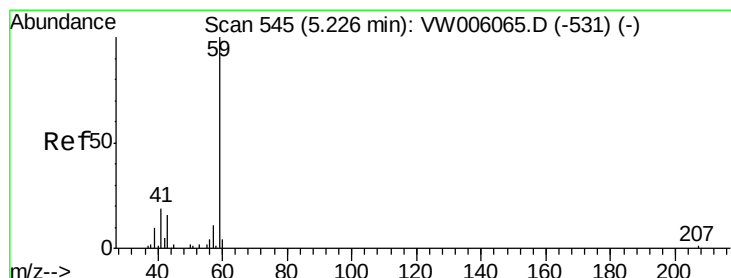
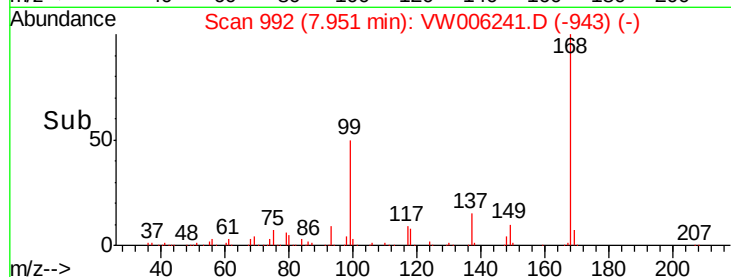
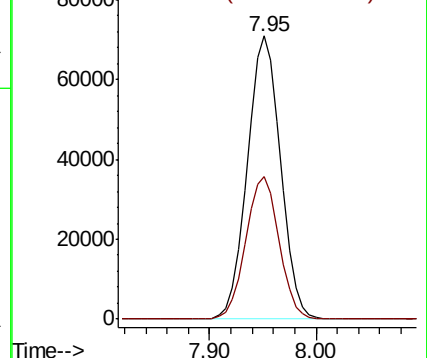
168 100

99 50.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.188 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.02 min

Lab File: VW006241.D

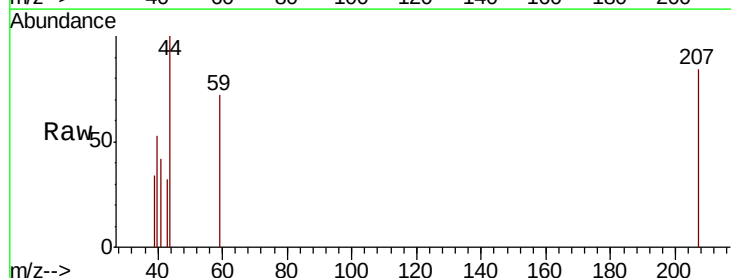
Acq: 19 Oct 2018 22:13

Tgt Ion: 59 Resp: 536

Ion Ratio Lower Upper

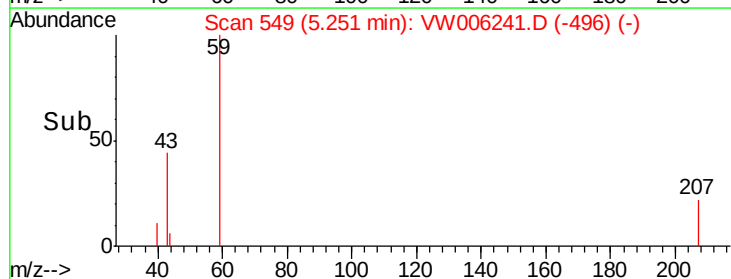
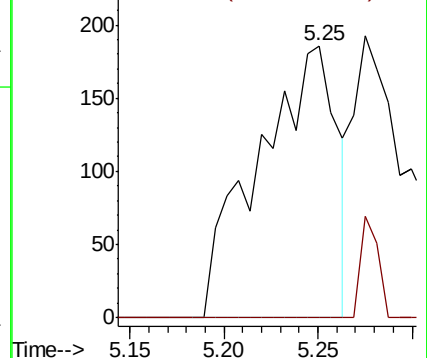
59 100

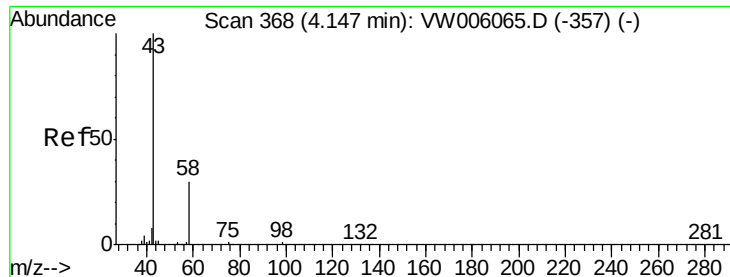
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 174.948 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

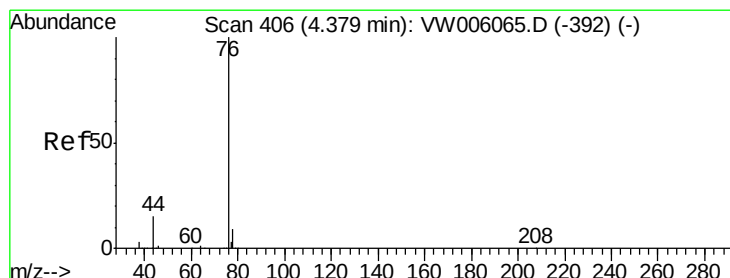
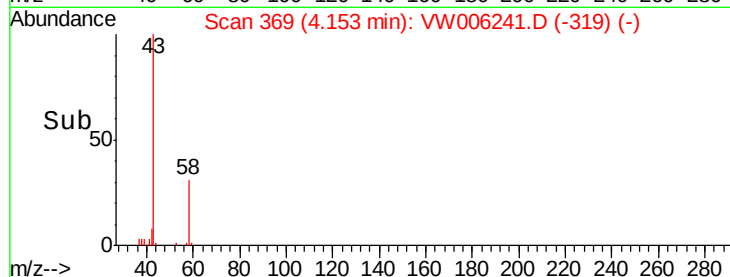
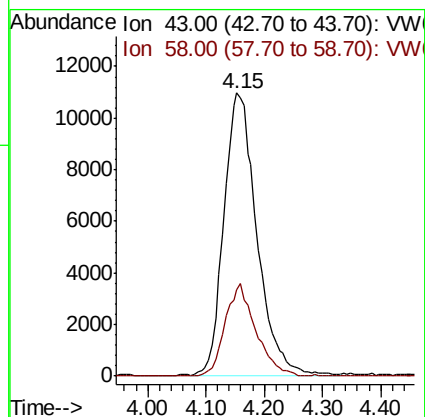
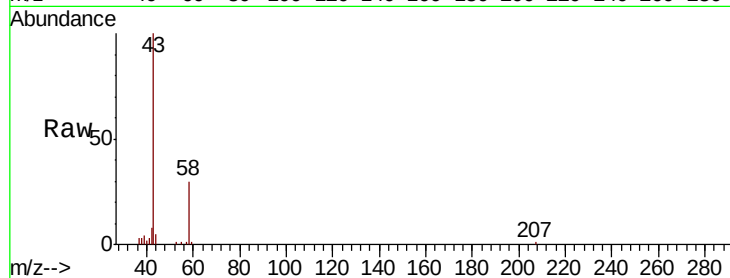
MS-VB-25868-BOX-1RE

Tot Ion: 43 Resp: 43344

Ion Ratio Lower Upper

43 100

58 30.4 24.0 36.0



#17

Carbon Disulfide

Concen: 1.064 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006241.D

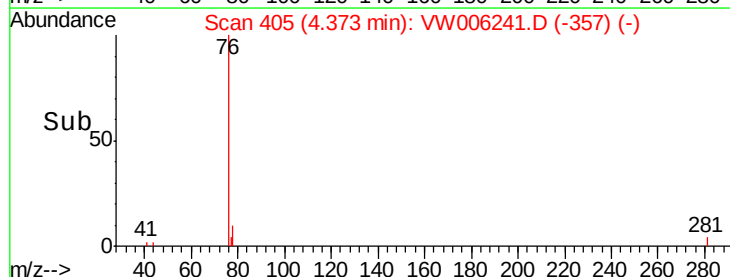
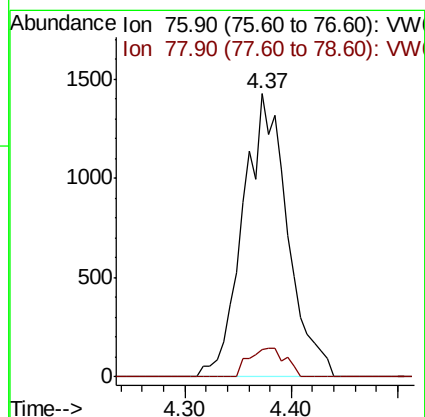
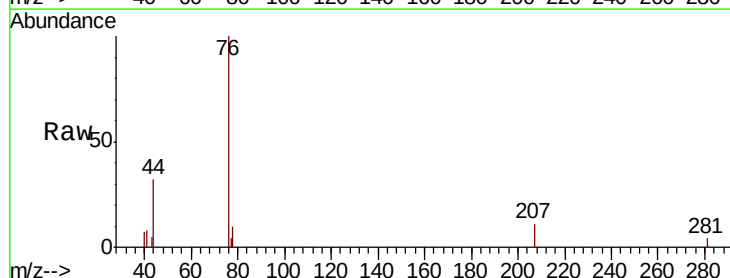
Acq: 19 Oct 2018 22:13

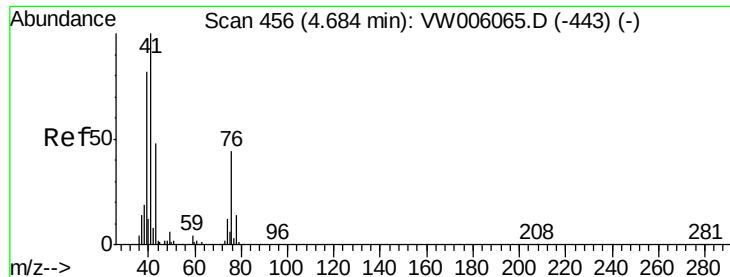
Tgt Ion: 76 Resp: 4168

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

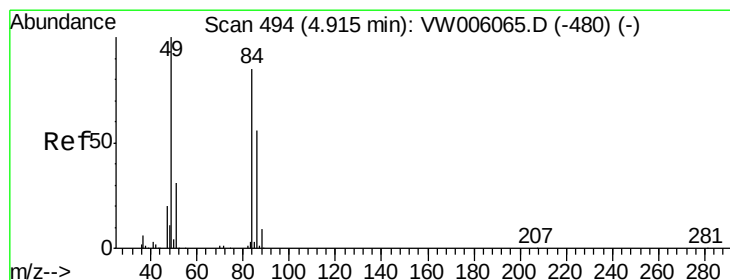
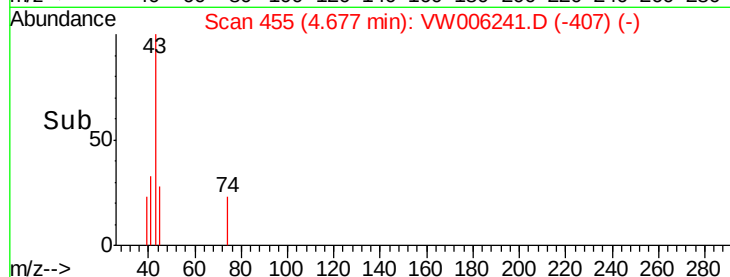
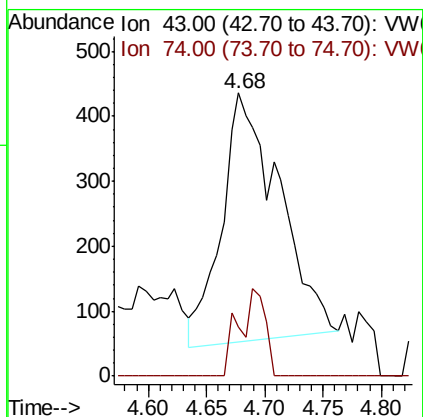
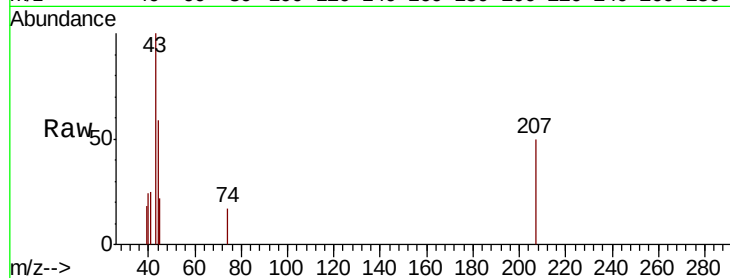




#18
Methyl Acetate
Concen: 2.023 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

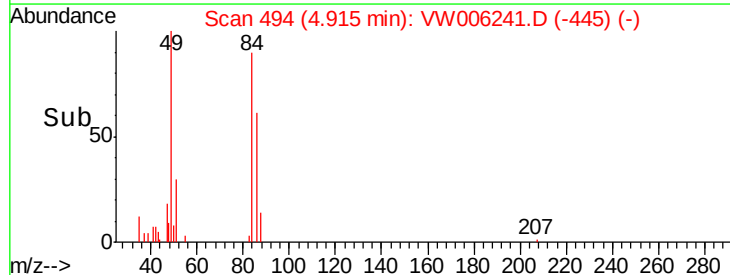
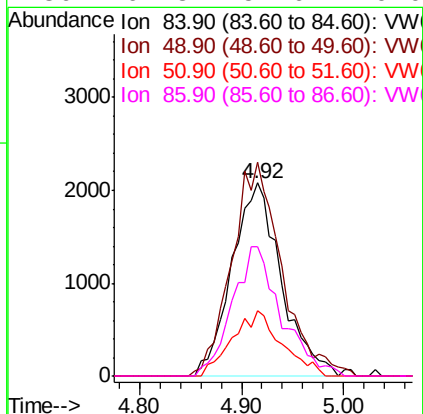
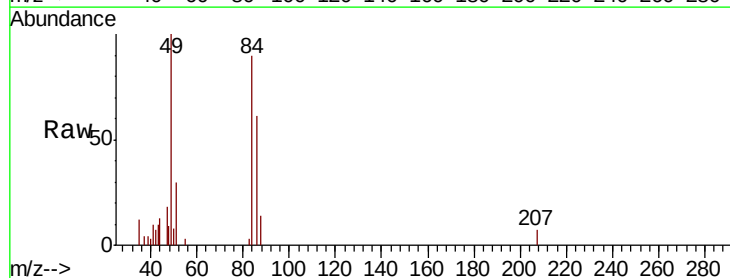
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1RE

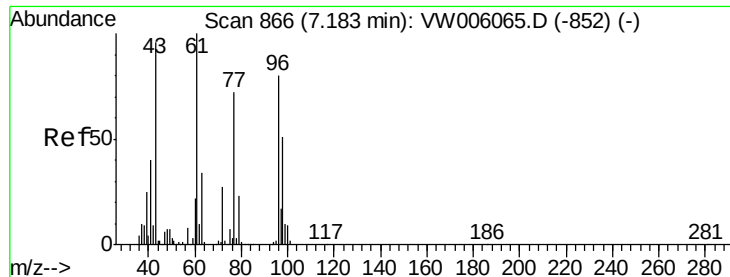
Tot Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
74 16.0 20.5 30.7#



#20
Methylene Chloride
Concen: 3.618 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

Tgt Ion: 84 Resp: 6988
Ion Ratio Lower Upper
84 100
49 110.8 93.6 140.4
51 33.6 29.0 43.4
86 67.3 52.6 79.0





#25

2-Butanone

Concen: 25.167 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

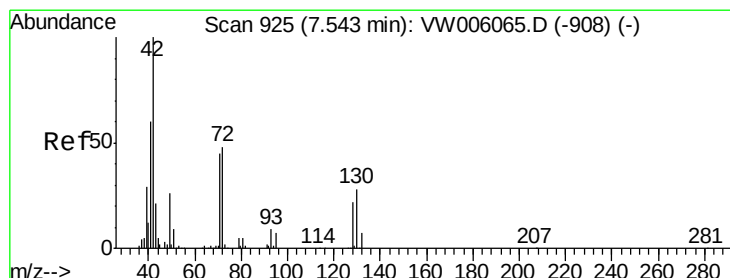
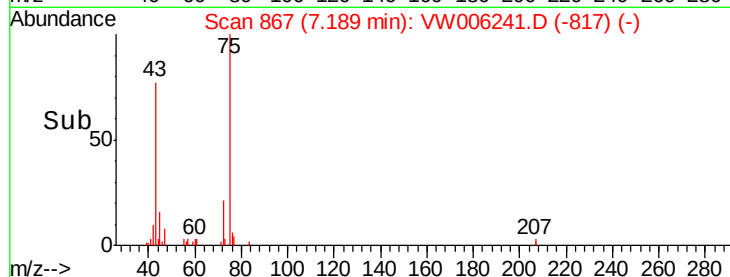
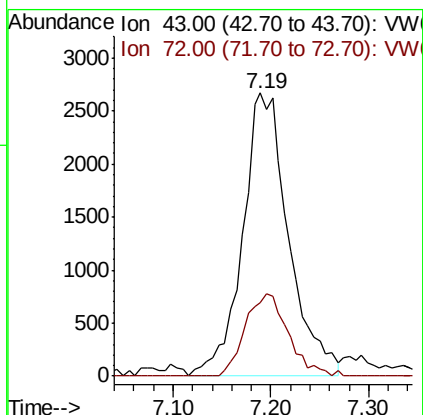
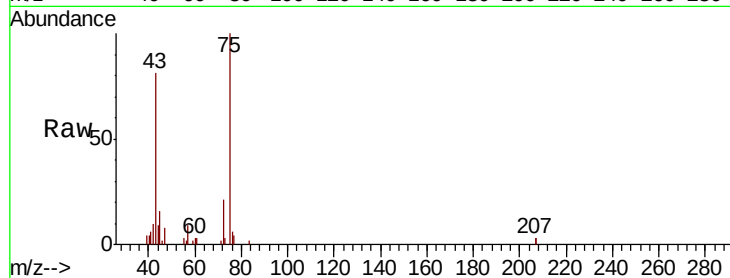
MS-VB-25868-BOX-1RE

Tot Ion: 43 Resp: 8756

Ion Ratio Lower Upper

43 100

72 26.0 22.8 34.2



#29

Tetrahydrofuran

Concen: 4.335 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

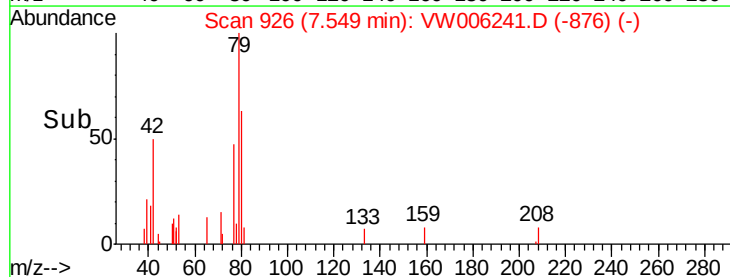
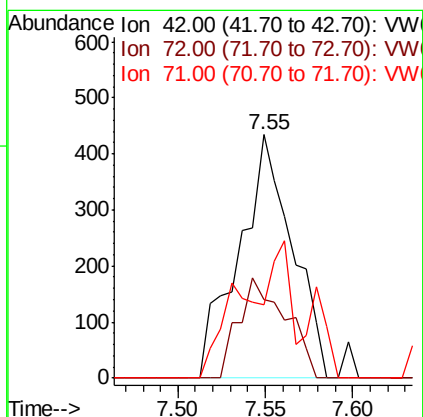
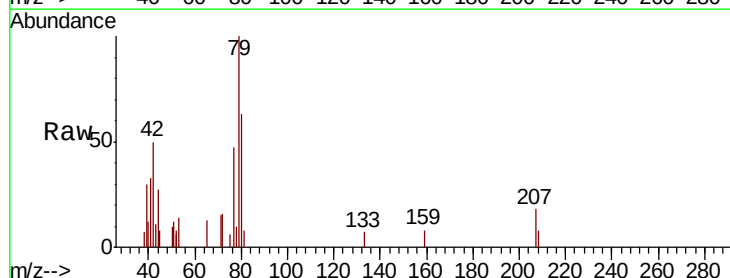
Tgt Ion: 42 Resp: 927

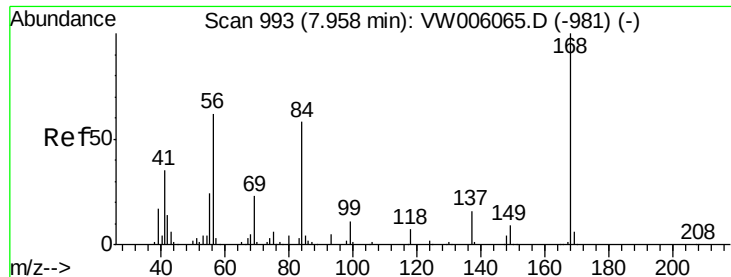
Ion Ratio Lower Upper

42 100

72 36.1 38.0 57.0#

71 28.5 35.3 52.9#





#31

Cyclohexane

Concen: 2.370 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

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ClientSampleId :

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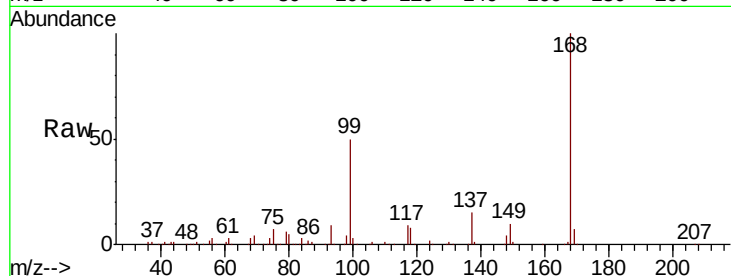
Tot Ion: 56 Resp: 5586

Ion Ratio Lower Upper

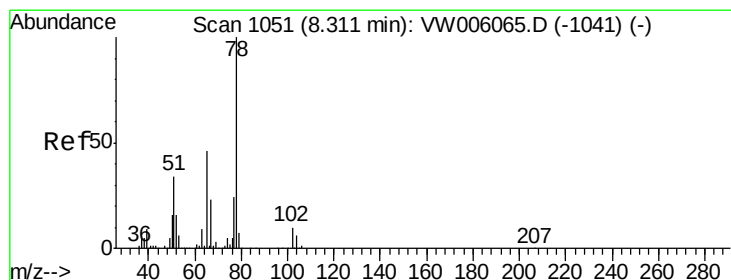
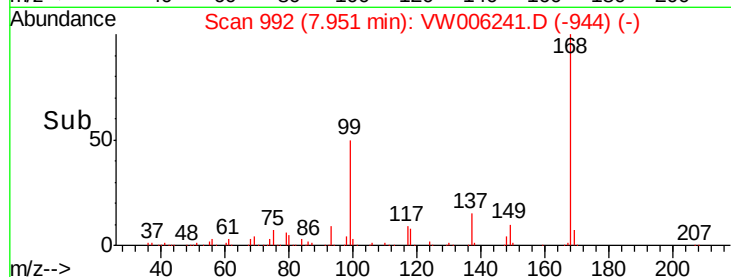
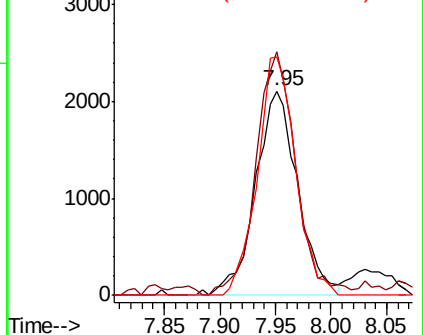
56 100

69 114.6 29.4 44.0#

84 116.7 74.0 111.0#



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: 71.100 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006241.D

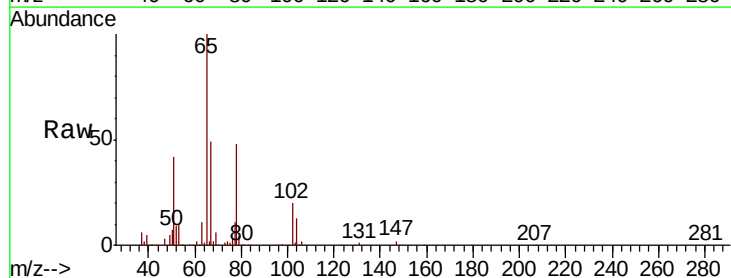
Acq: 19 Oct 2018 22:13

Tgt Ion: 65 Resp: 91569

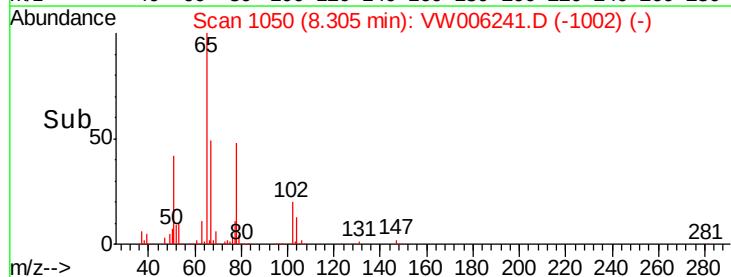
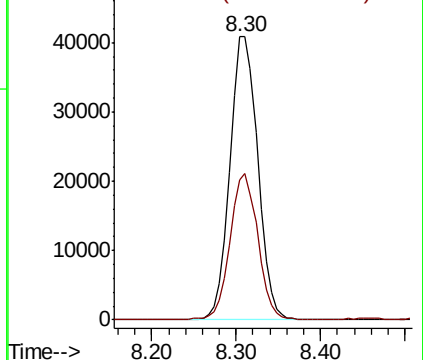
Ion Ratio Lower Upper

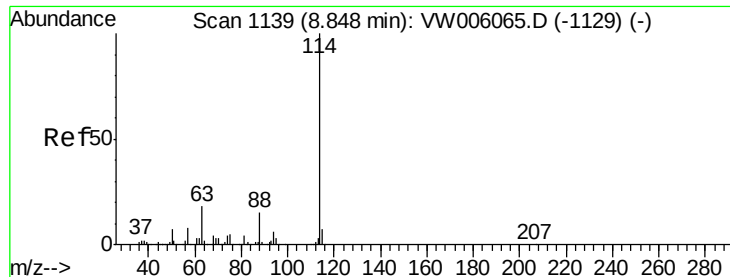
65 100

67 50.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

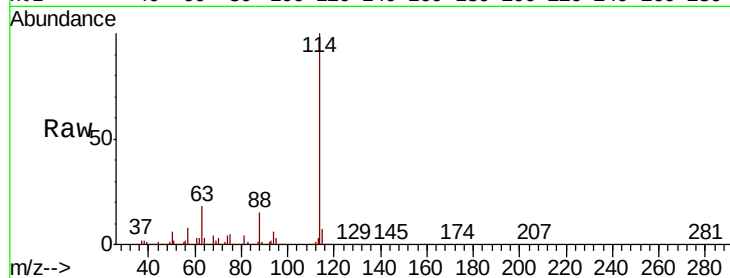
Tot Ion:114 Resp: 248008

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 14.8 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

150000

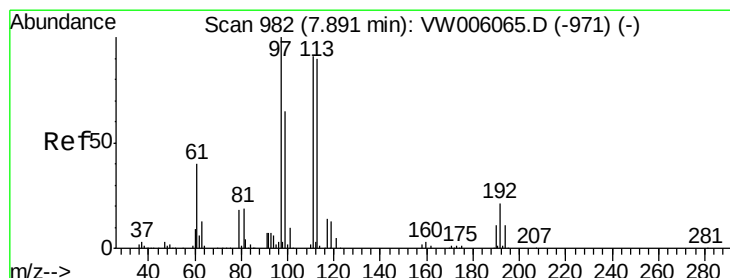
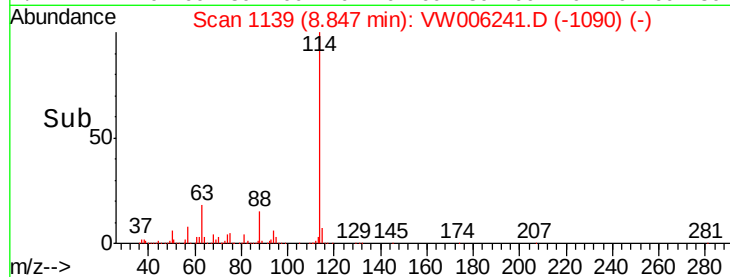
100000

50000

0

8.80 8.85 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 56.399 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

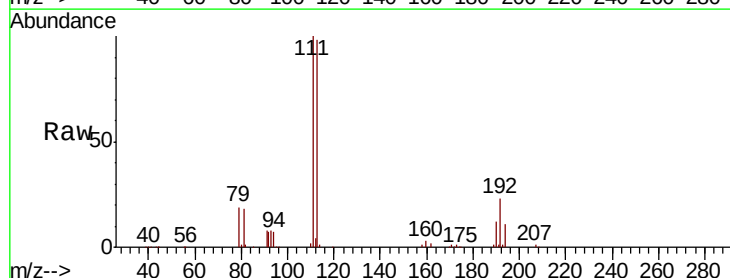
Tgt Ion:113 Resp: 82651

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 23.3 18.7 28.1



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

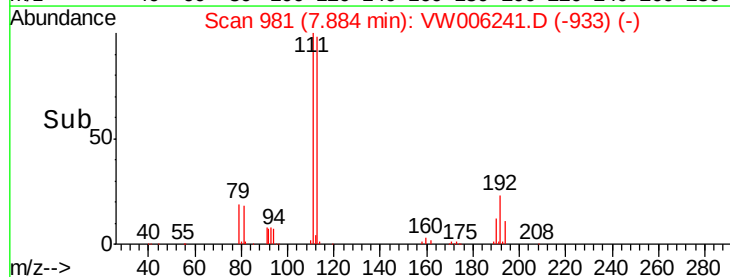
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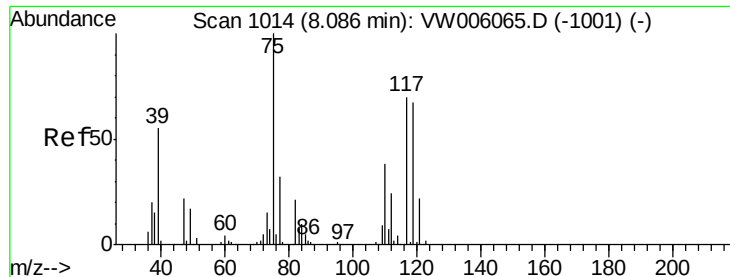
10000

0

7.80 7.88 7.90 8.00

Time-->





#36

1,1-Dichloropropene

Concen: 4.390 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

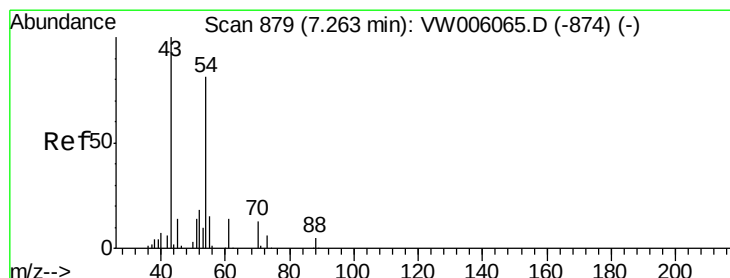
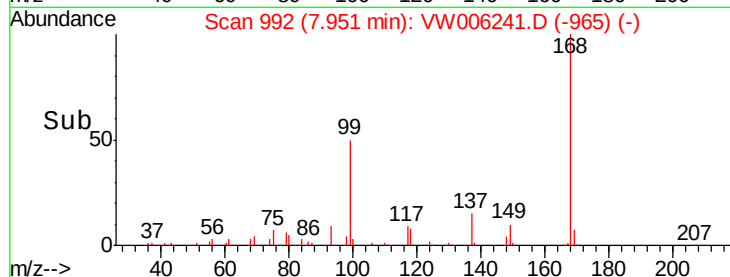
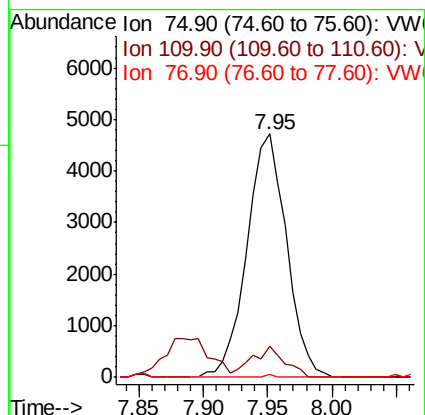
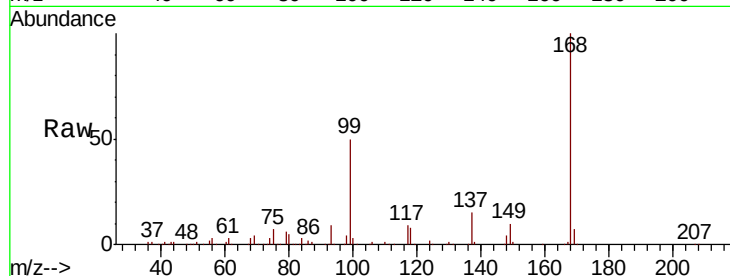
Tot Ion: 75 Resp: 10036

Ion Ratio Lower Upper

75 100

110 10.6 19.1 57.1#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 10.309 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

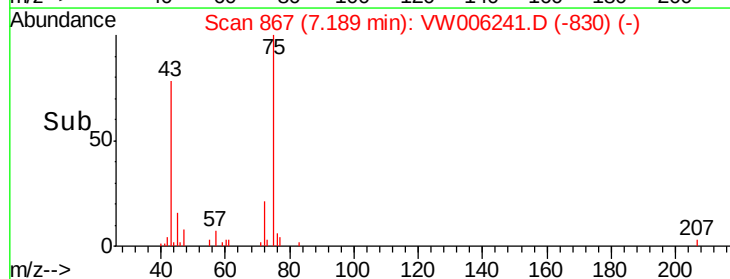
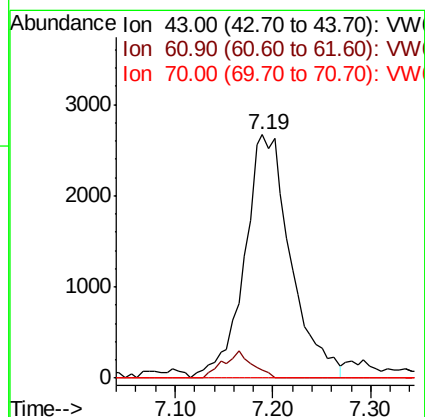
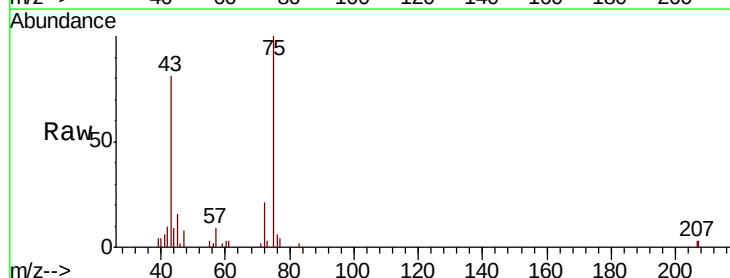
Tgt Ion: 43 Resp: 8756

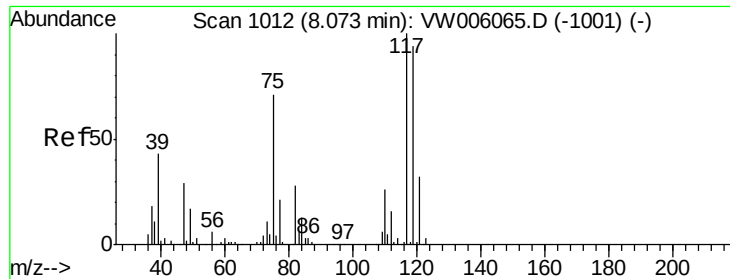
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 5.683 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

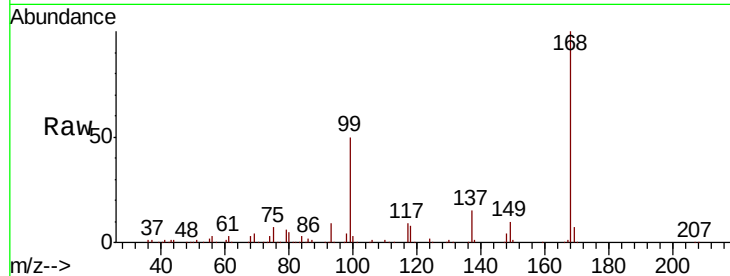
Tot Ion:117 Resp: 14241

Ion Ratio Lower Upper

117 100

119 5.1 75.2 112.8#

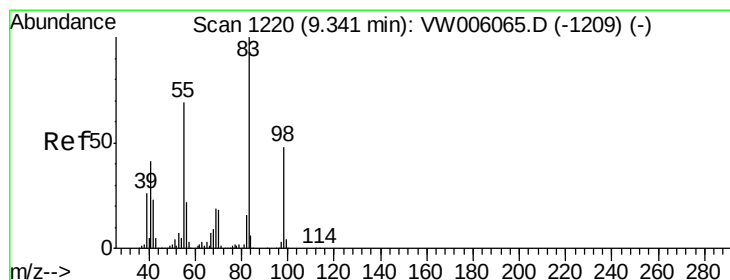
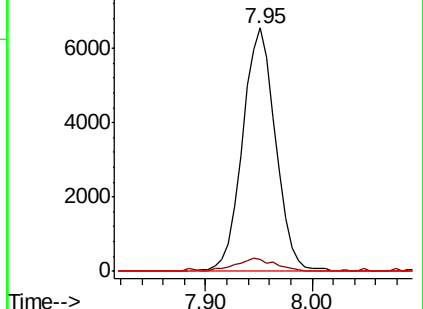
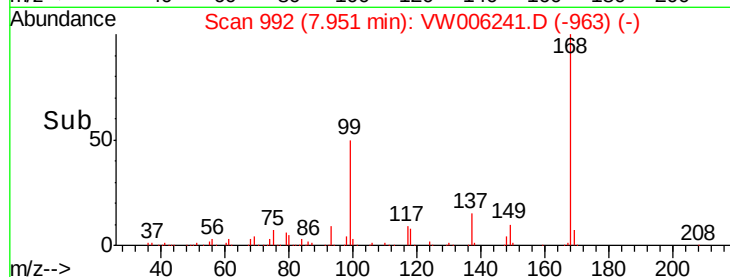
121 0.0 25.3 37.9#



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: 2.479 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

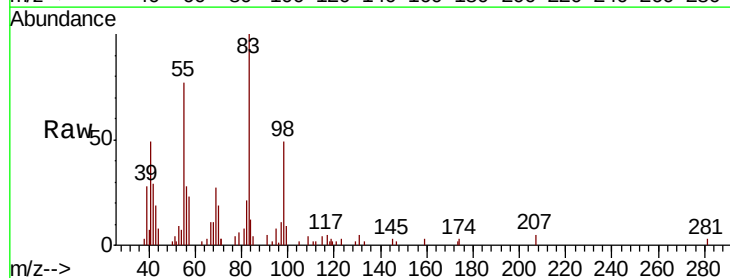
Tgt Ion: 83 Resp: 7534

Ion Ratio Lower Upper

83 100

55 71.2 55.0 82.6

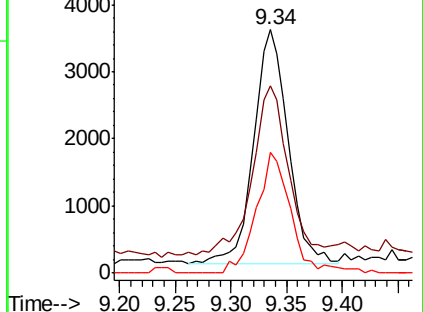
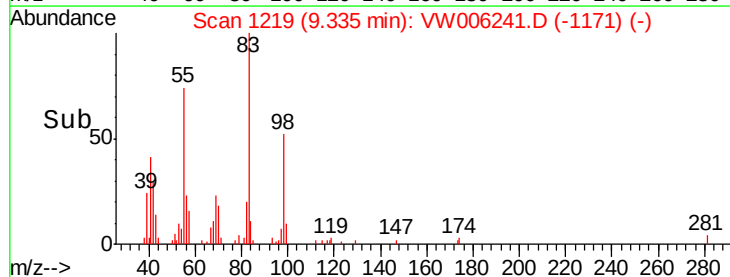
98 51.5 38.6 57.8

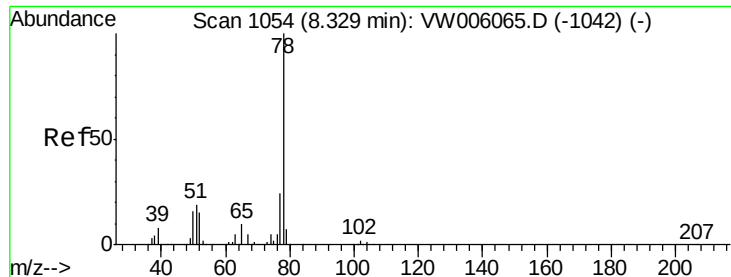


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 20.060 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

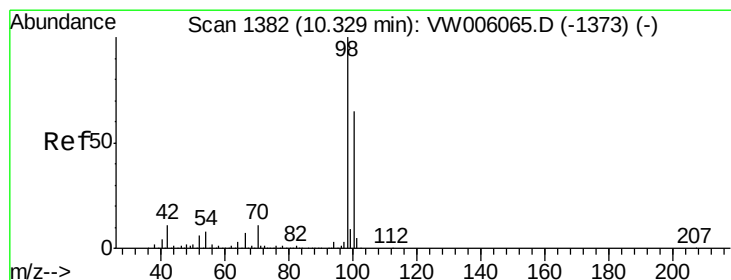
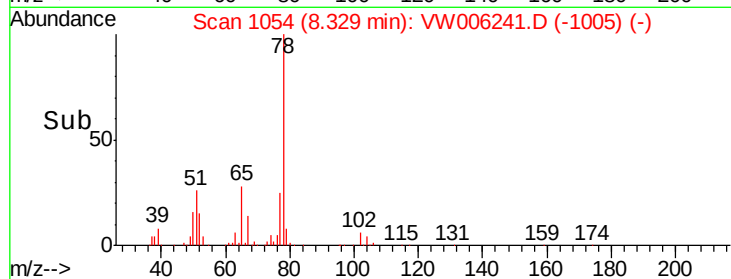
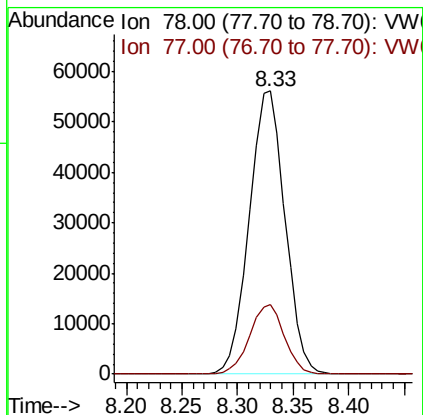
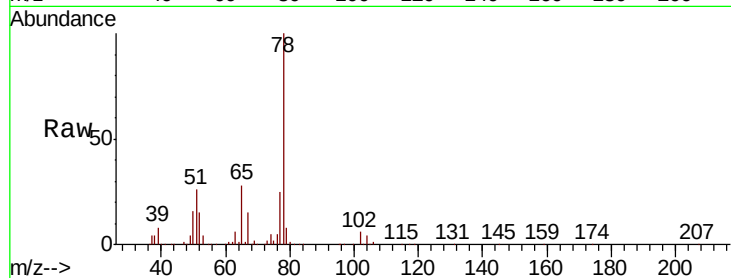
MS-VB-25868-BOX-1RE

Tot Ion: 78 Resp: 125784

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



#50

Toluene-d8

Concen: 35.928 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006241.D

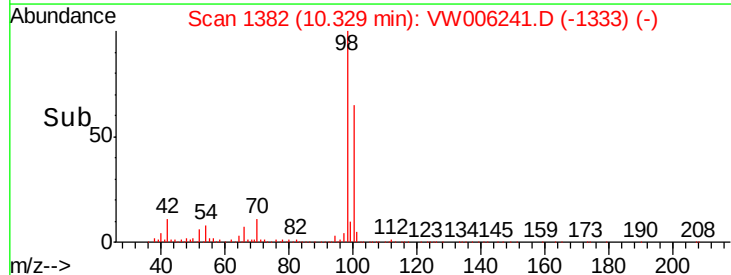
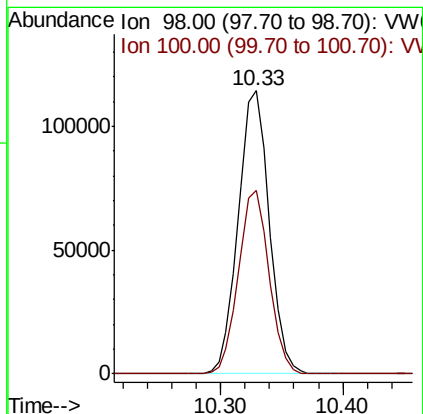
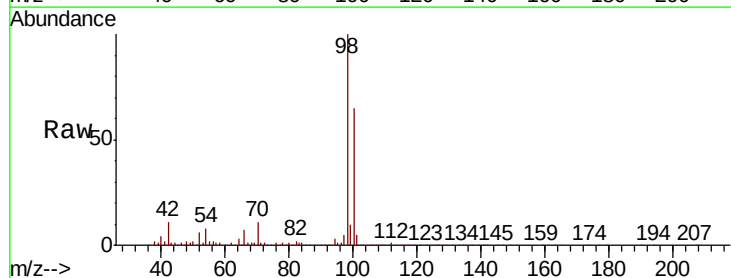
Acq: 19 Oct 2018 22:13

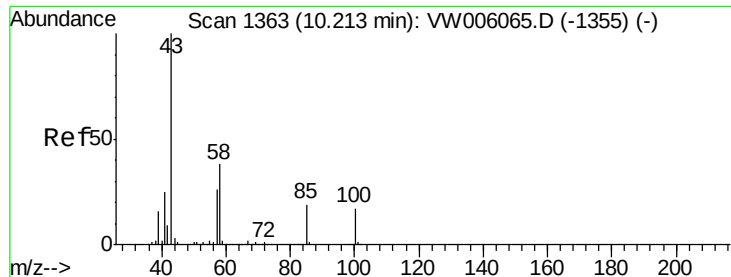
Tgt Ion: 98 Resp: 200312

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 2.837 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

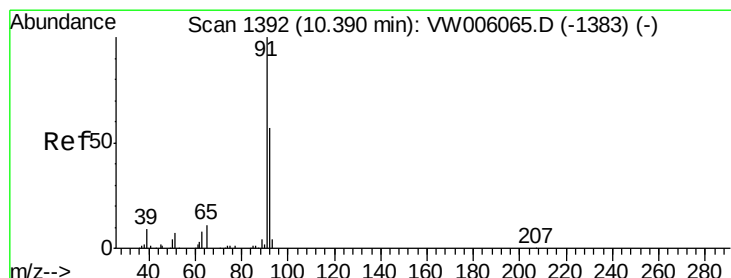
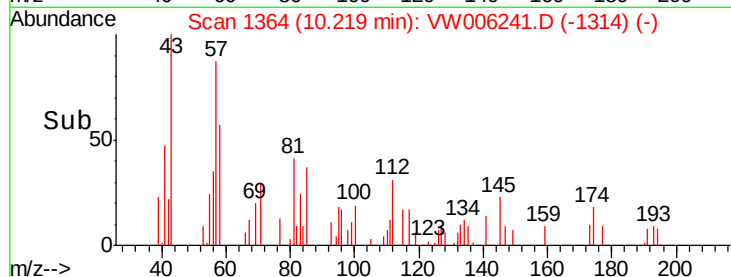
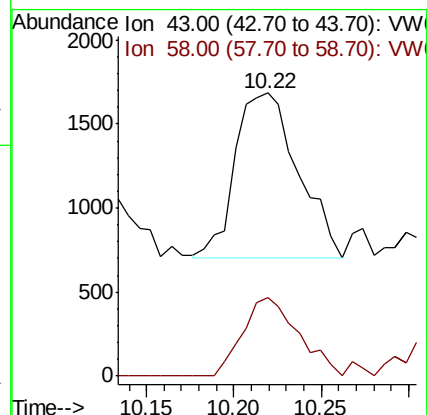
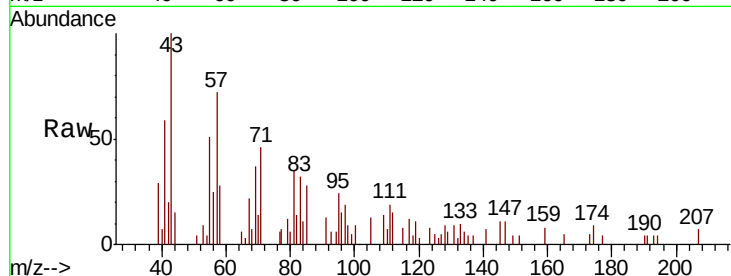
MS-VB-25868-BOX-1RE

Tot Ion: 43 Resp: 2468

Ion Ratio Lower Upper

43 100

58 41.7 31.5 47.3



#52

Toluene

Concen: 29.402 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006241.D

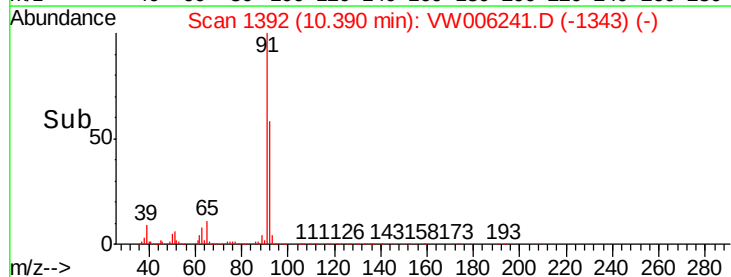
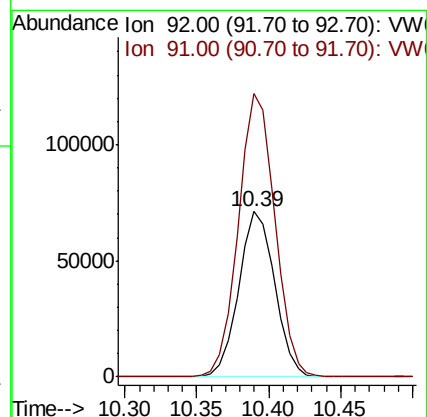
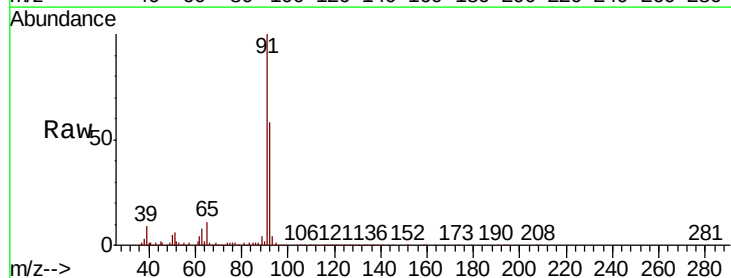
Acq: 19 Oct 2018 22:13

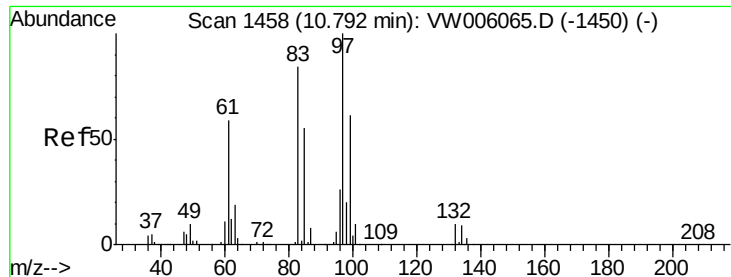
Tgt Ion: 92 Resp: 123605

Ion Ratio Lower Upper

92 100

91 172.9 140.0 210.0

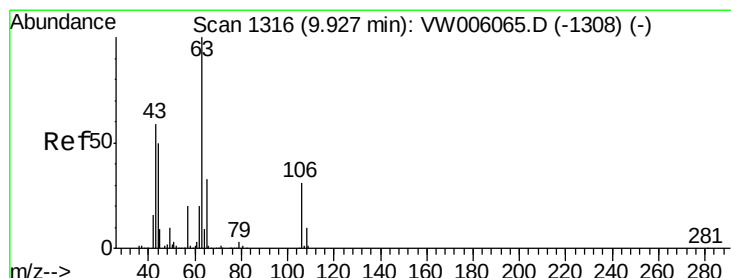
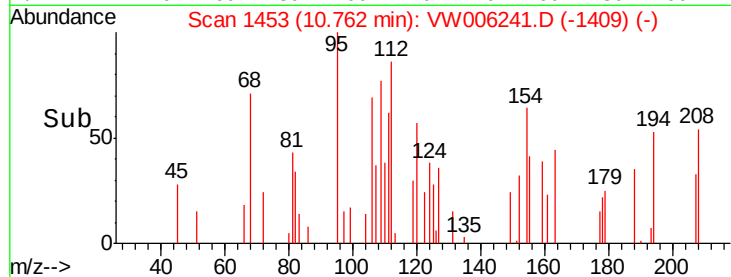
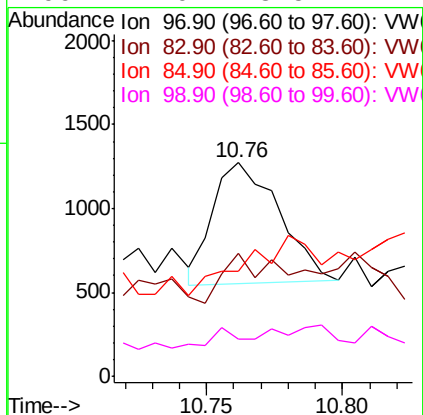
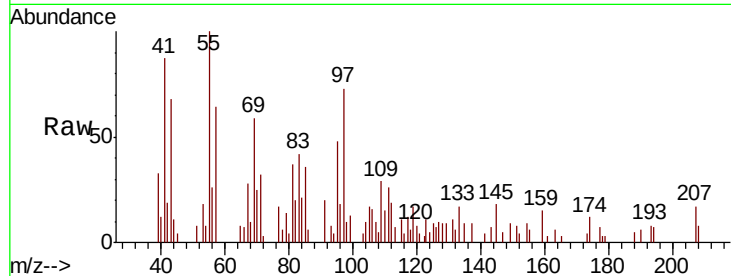




#55
 1,1,2-Trichloroethane
 Concen: 1.023 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

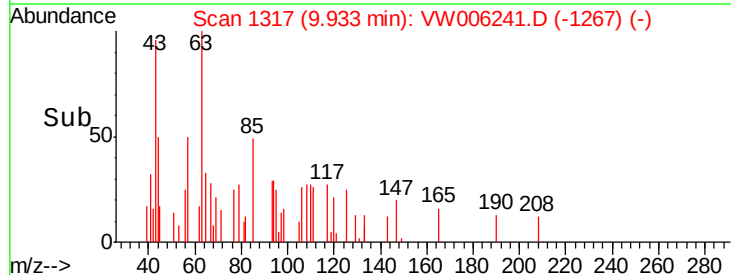
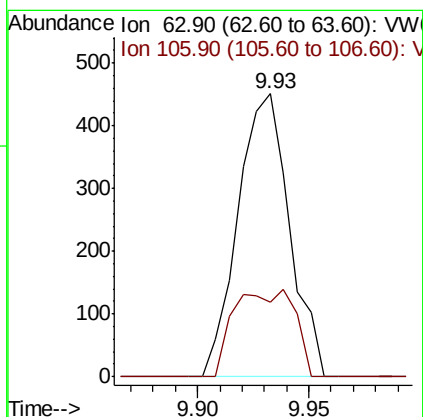
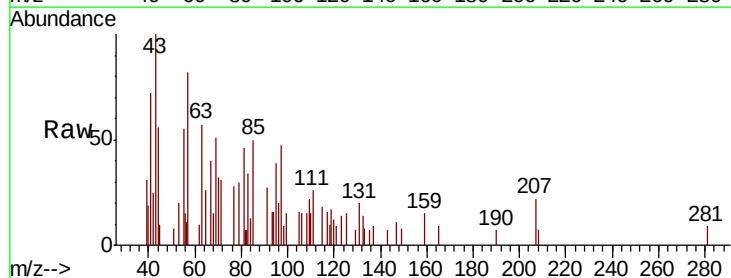
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

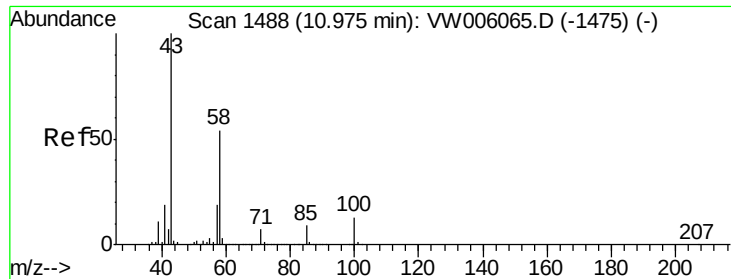
Tot Ion: 97 Resp: 1224
 Ion Ratio Lower Upper
 97 100
 83 37.4 67.2 100.8#
 85 21.2 43.7 65.5#
 99 4.0 48.5 72.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.293 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

Tgt Ion: 63 Resp: 725
 Ion Ratio Lower Upper
 63 100
 106 36.1 24.5 36.7





#59

2-Hexanone

Concen: 1.209 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. 0.07 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

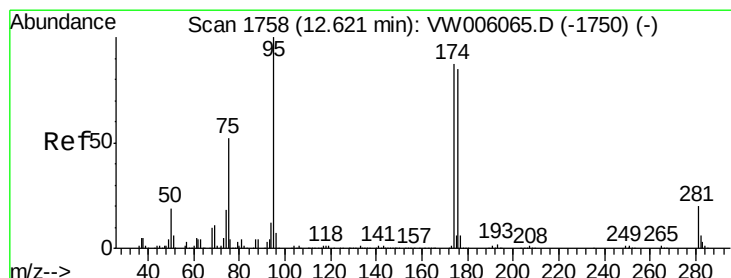
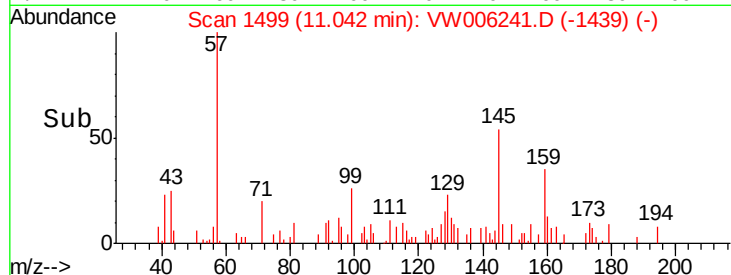
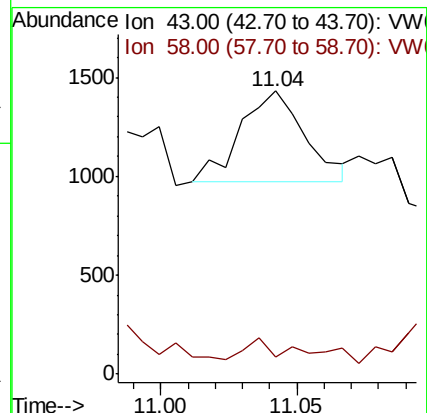
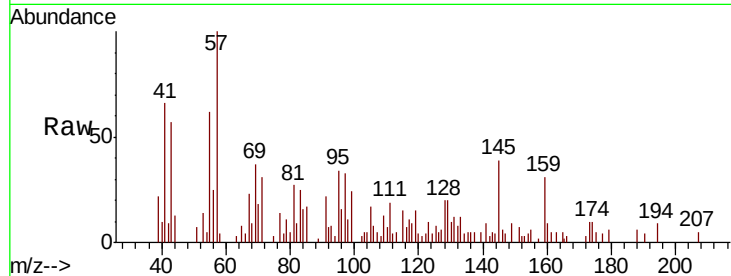
MS-VB-25868-BOX-1RE

Tot Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

58 28.0 26.9 80.6



#62

4-Bromofluorobenzene

Concen: 23.604 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

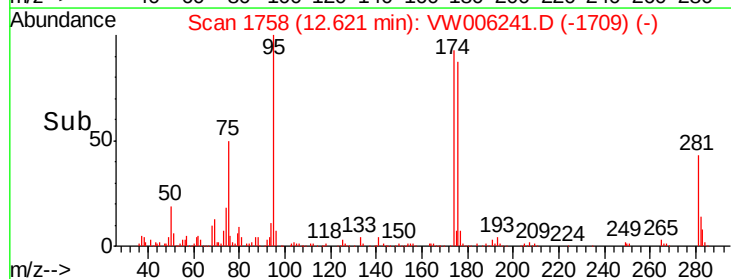
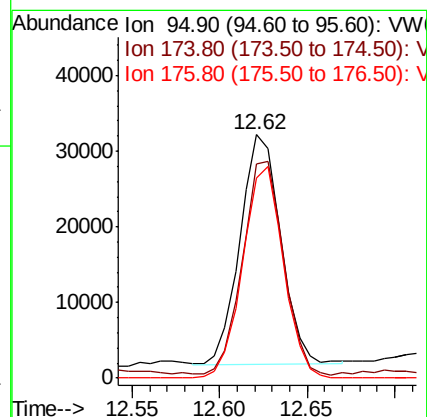
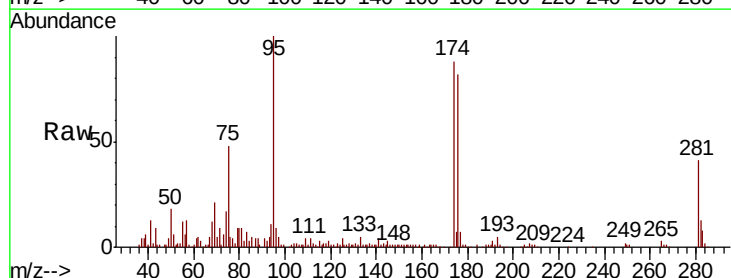
Tgt Ion: 95 Resp: 49428

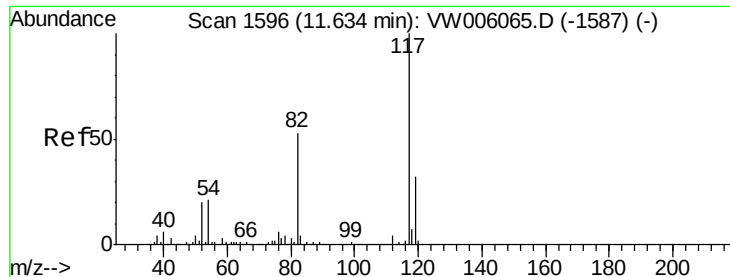
Ion Ratio Lower Upper

95 100

174 93.2 0.0 186.0

176 91.5 0.0 181.6

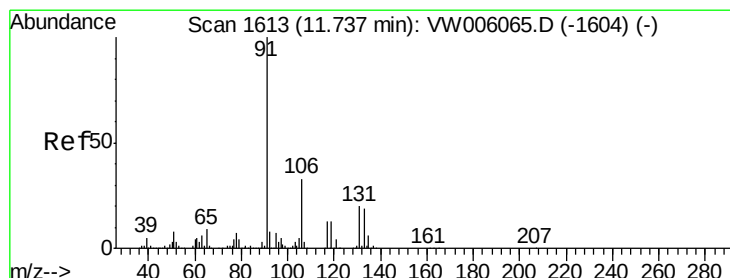
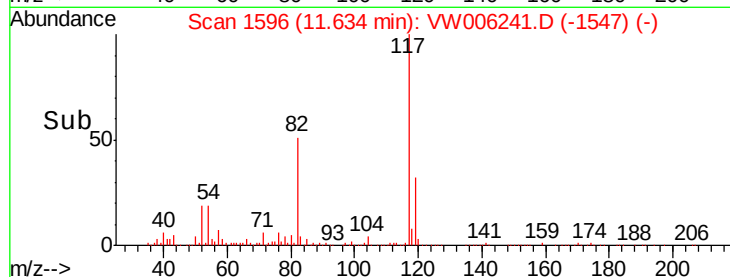
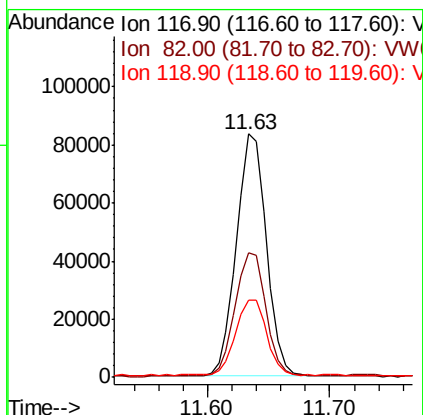
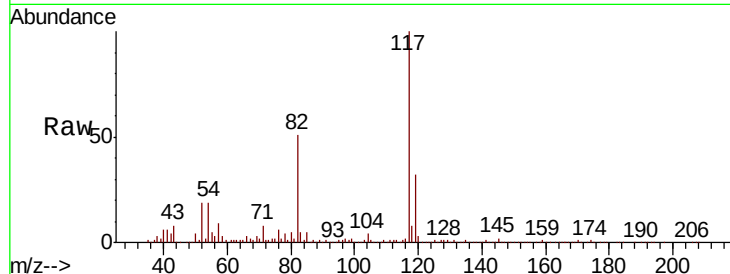




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

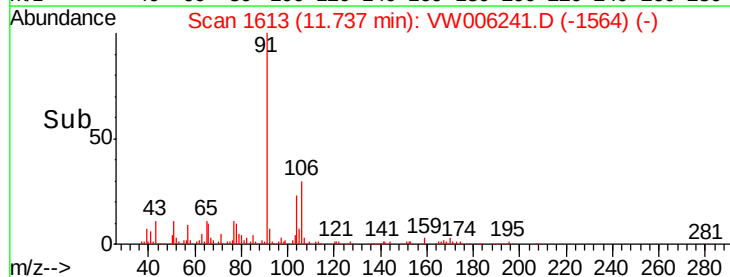
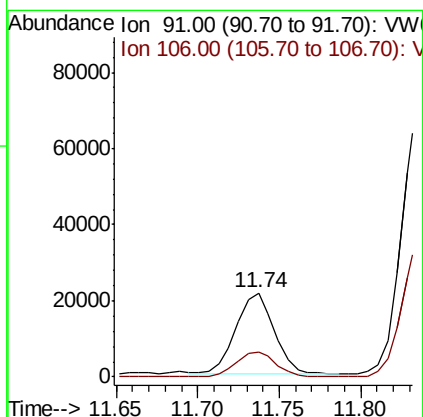
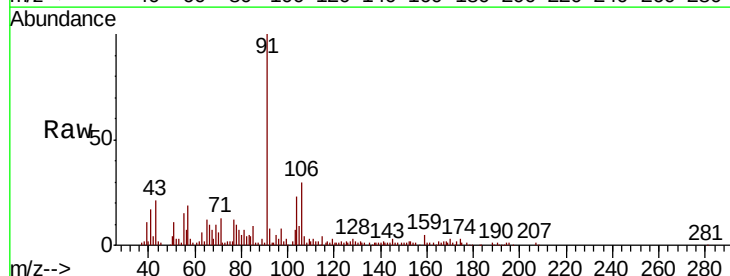
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1RE

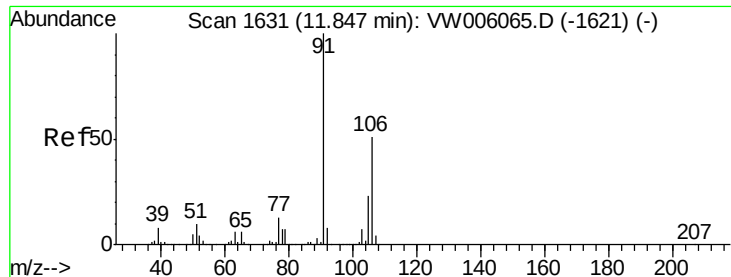
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.1	63.1
119	31.1	25.8	38.6



#67
Ethyl Benzene
Concen: 6.725 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	26.1	39.1

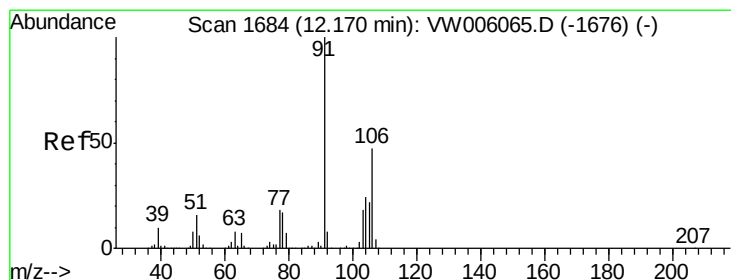
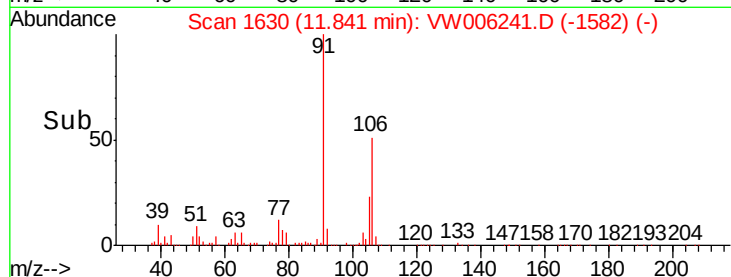
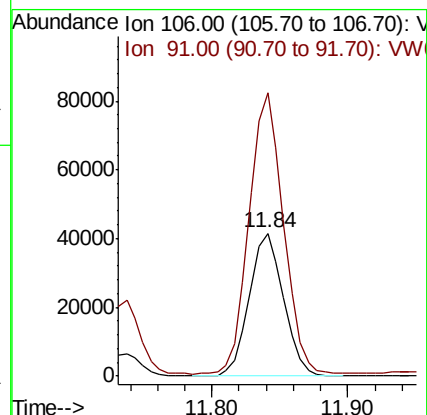
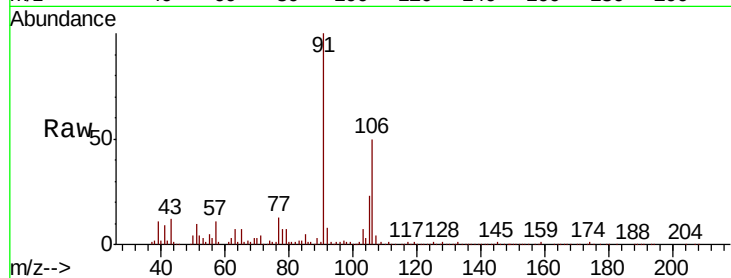




#68
m/p-Xylenes
Concen: 35.015 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

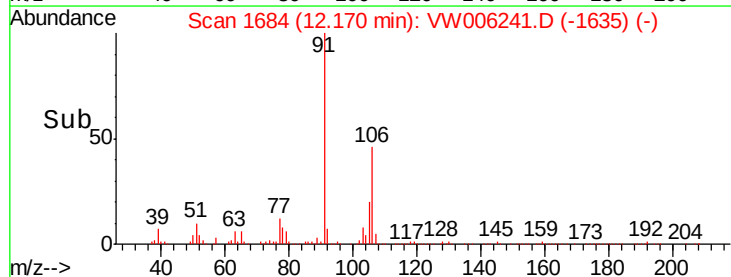
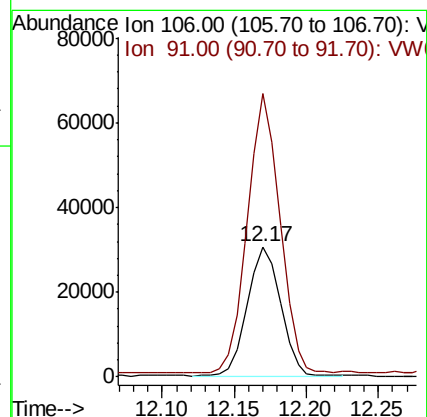
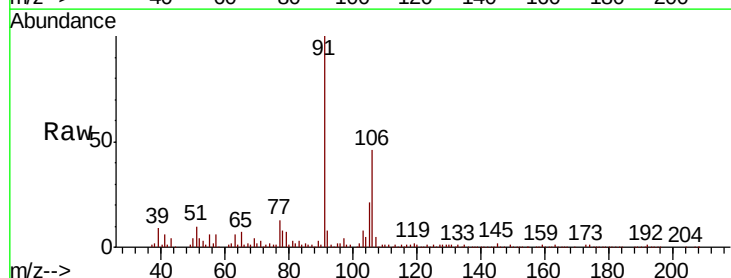
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1RE

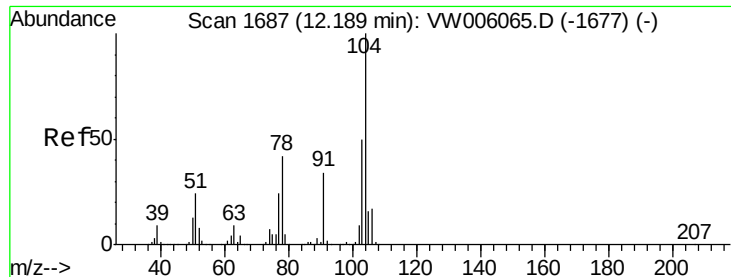
Tot Ion:106 Resp: 72834
Ion Ratio Lower Upper
106 100
91 198.4 159.1 238.7



#69
o-Xylene
Concen: 24.681 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

Tgt Ion:106 Resp: 48927
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1





#70

Stvrene

Concen: 3.385 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

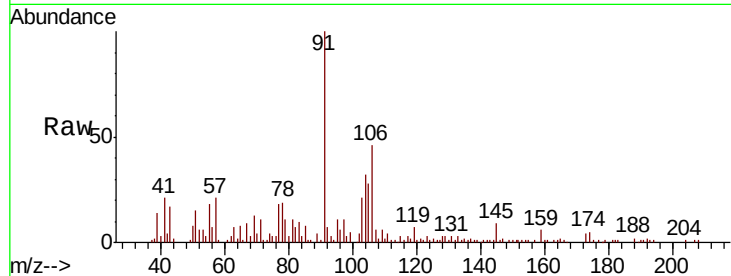
Tot Ion:104 Resp: 10911

Ion Ratio Lower Upper

104 100

78 97.7 39.1 58.7#

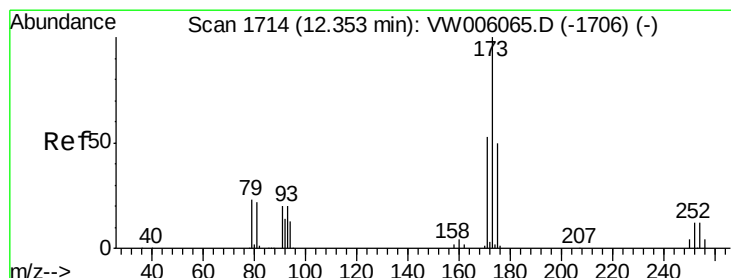
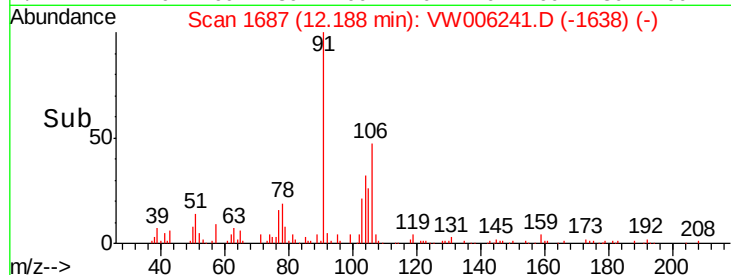
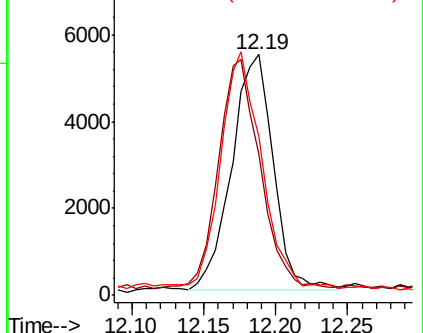
103 97.8 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 3.014 ug/l

RT: 12.40 min Scan# 1721

Delta R.T. 0.04 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

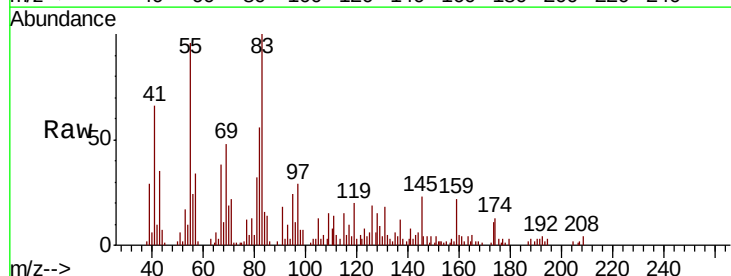
Tgt Ion:173 Resp: 1814

Ion Ratio Lower Upper

173 100

175 6.2 24.2 72.6#

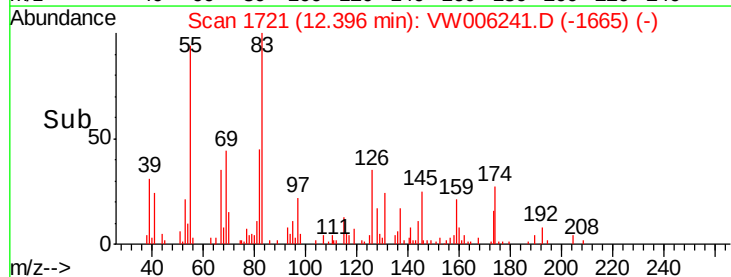
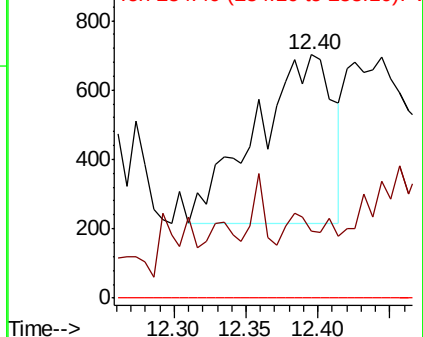
254 0.0 0.1 0.1#

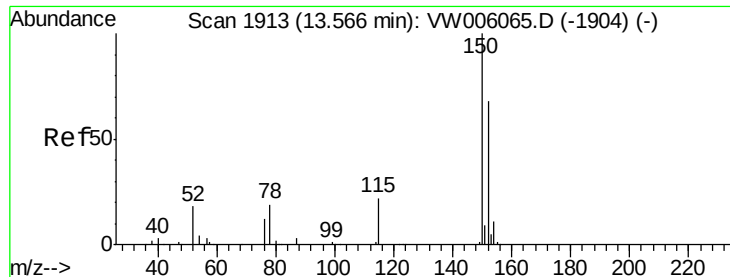


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



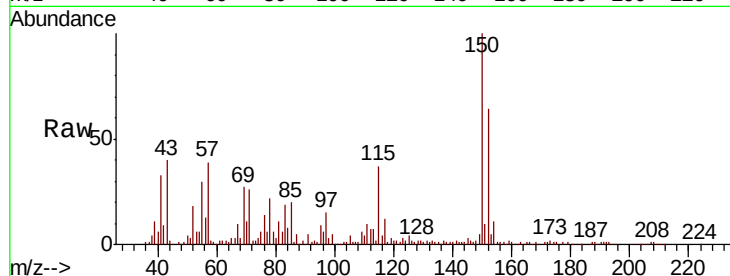


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-25868-BOX-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.9	27.8	83.3
150	152.1	0.0	349.2

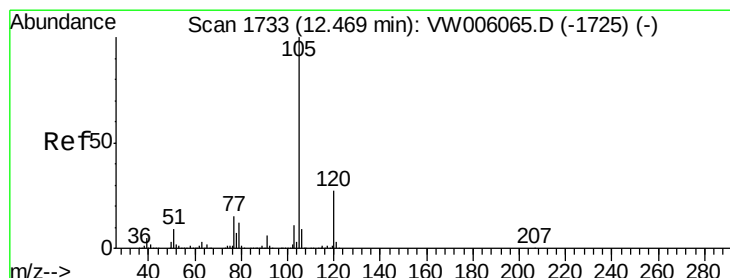
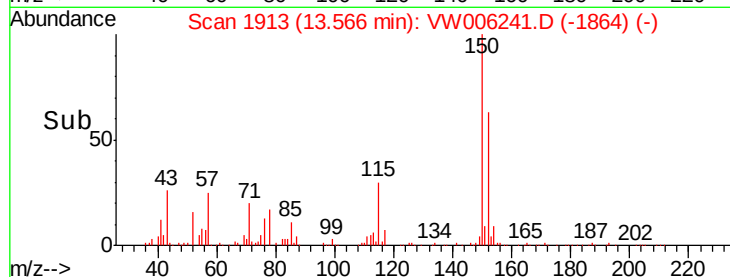
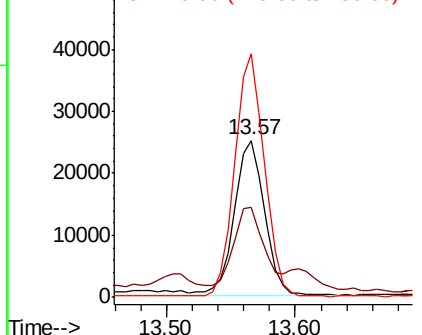


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

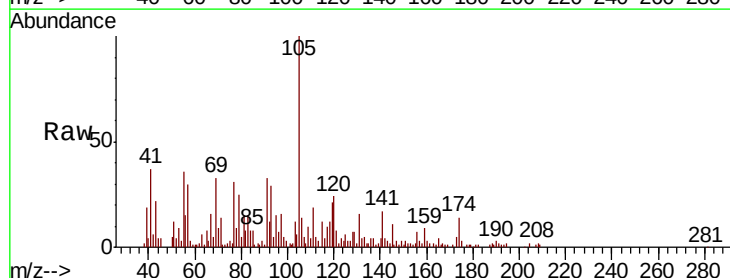
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 7.373 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006241.D
Acq: 19 Oct 2018 22:13

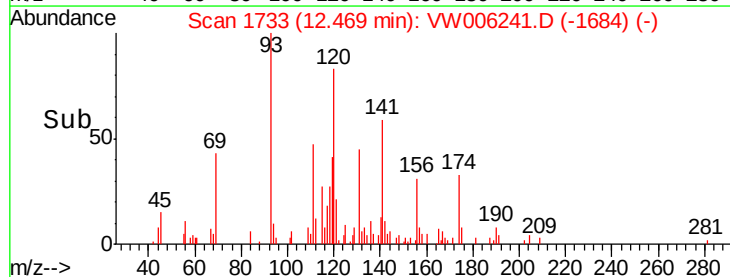
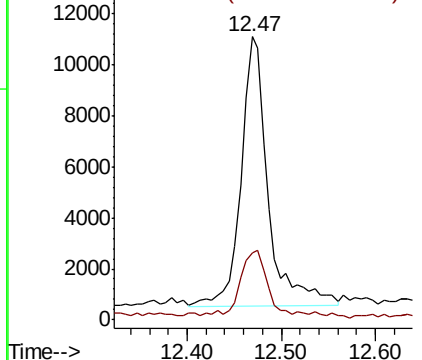
Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.5	13.6	40.7

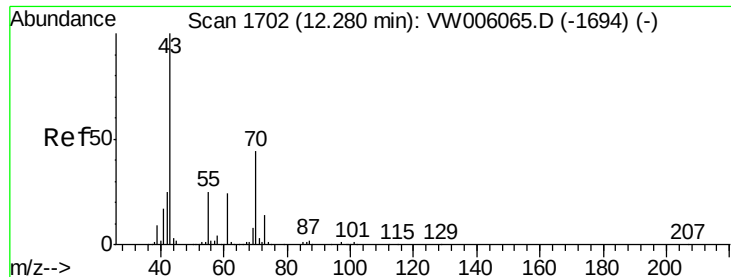


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 9.476 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

Tot Ion: 43 Resp: 5301

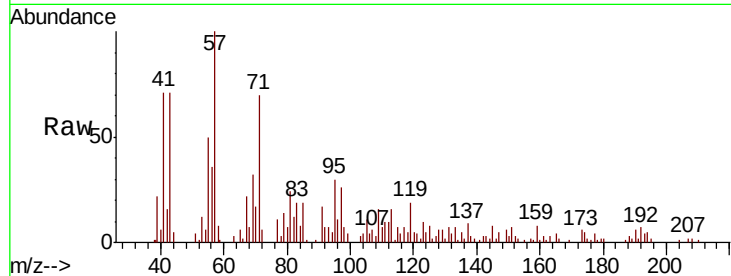
Ion Ratio Lower Upper

43 100

70 20.7 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#

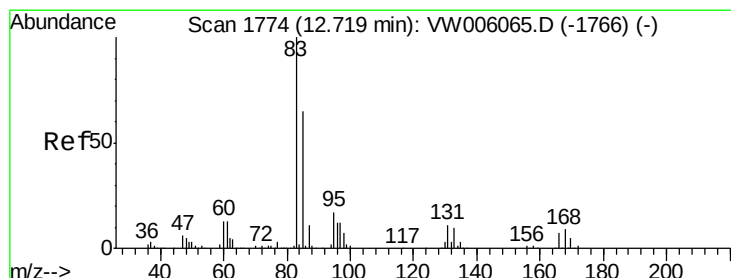
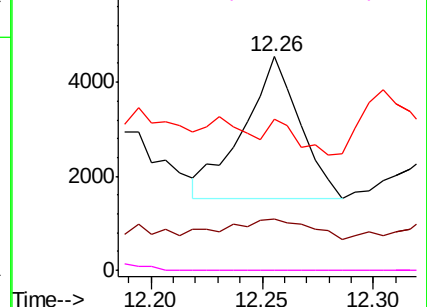
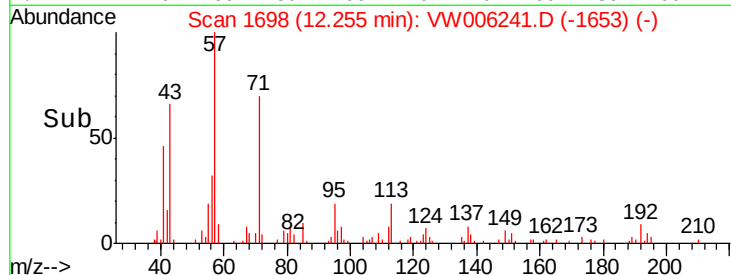


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 8.109 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.04 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

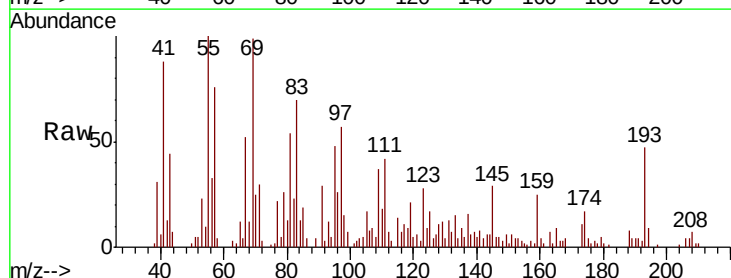
Tgt Ion: 83 Resp: 3552

Ion Ratio Lower Upper

83 100

131 12.3 5.9 17.7

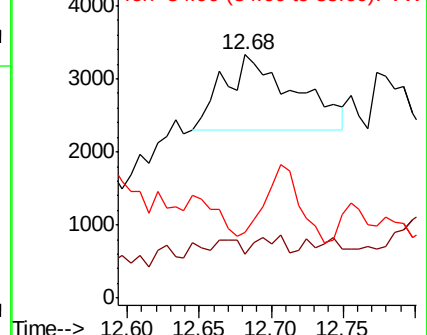
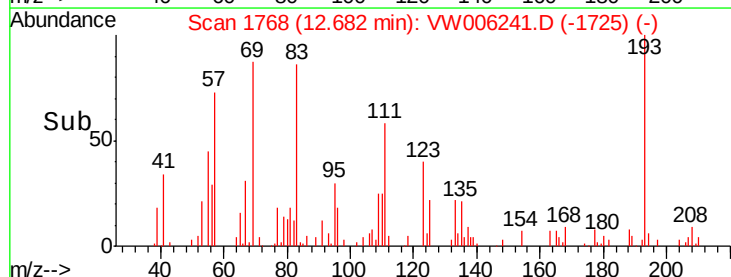
85 0.0 31.9 95.9#

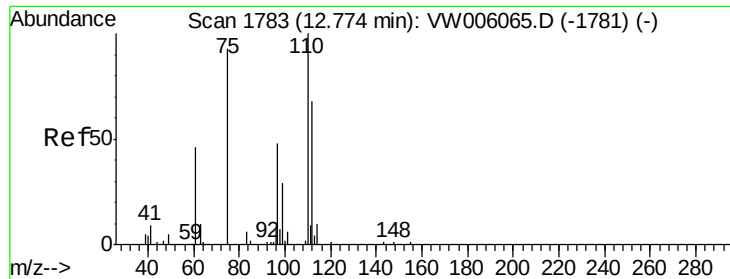


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

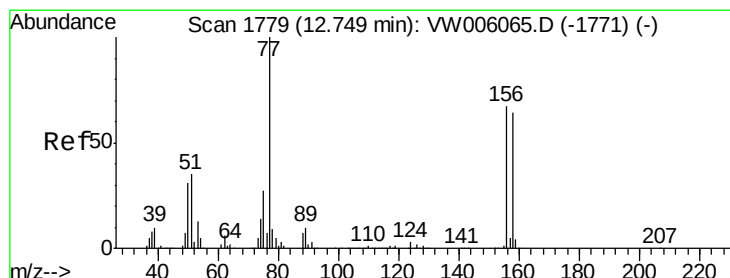
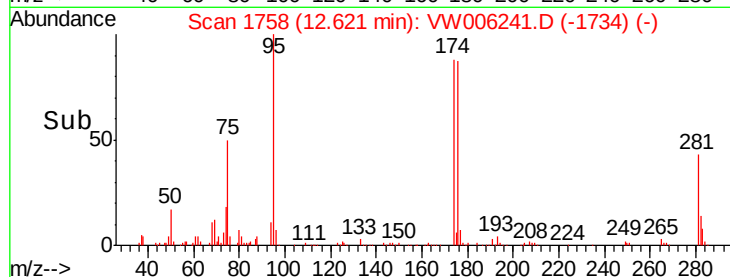
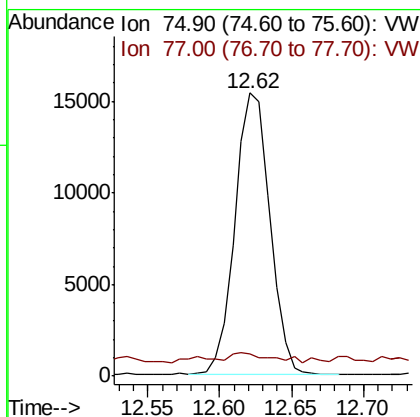
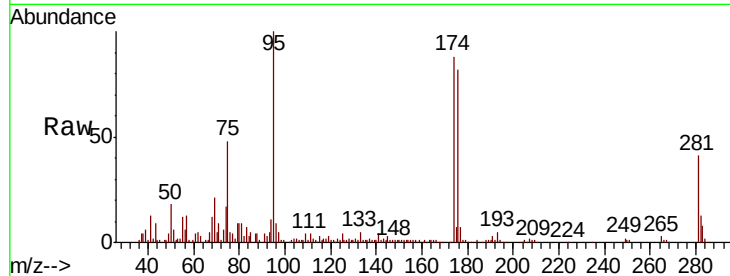




#76
 1,2,3-Trichloropropane
 Concen: 83.743 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

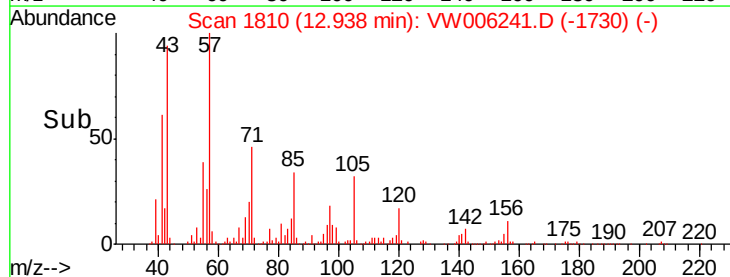
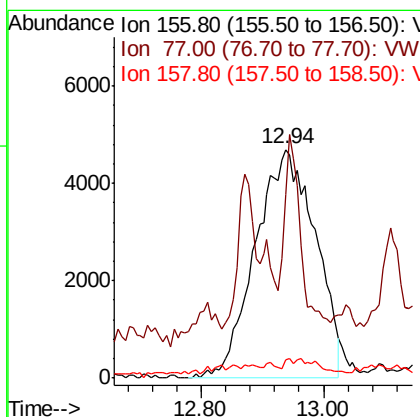
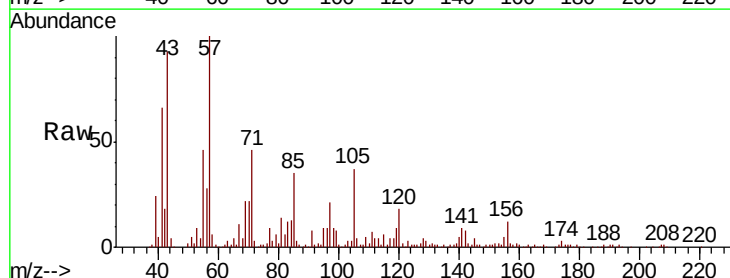
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

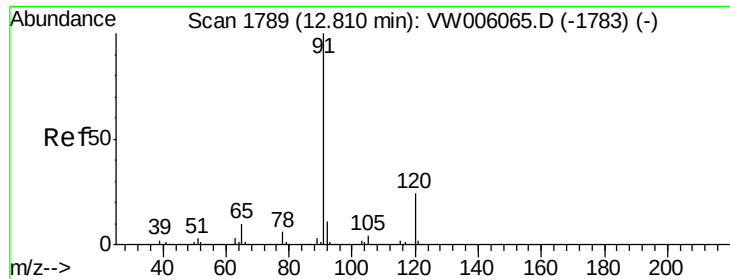
Tot Ion: 75 Resp: 26076
 Ion Ratio Lower Upper
 75 100
 77 3.8 0.0 0.0#



#77
 Bromobenzene
 Concen: 45.265 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.19 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

Tgt Ion: 156 Resp: 31931
 Ion Ratio Lower Upper
 156 100
 77 20.7 79.1 237.4#
 158 0.6 48.5 145.6#





#78

n-propylbenzene

Concen: 5.849 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

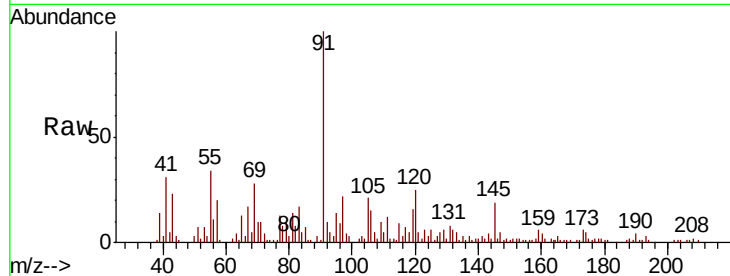
MS-VB-25868-BOX-1RE

Tot Ion: 91 Resp: 19598

Ion Ratio Lower Upper

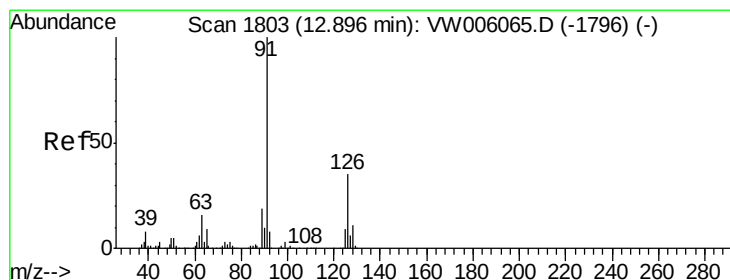
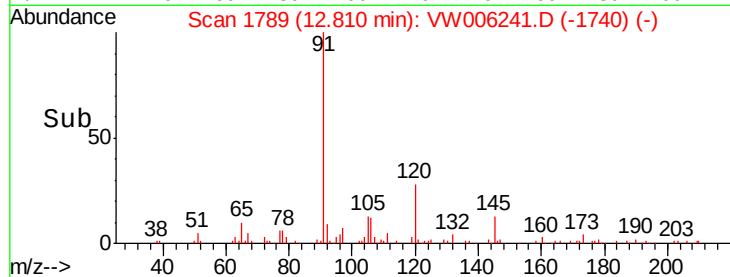
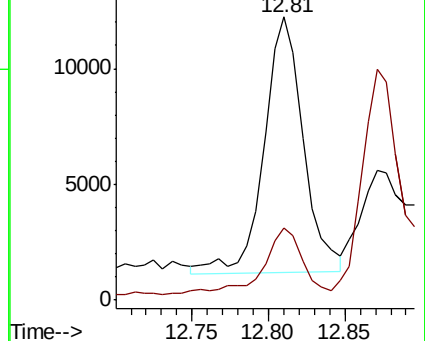
91 100

120 26.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.495 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW006241.D

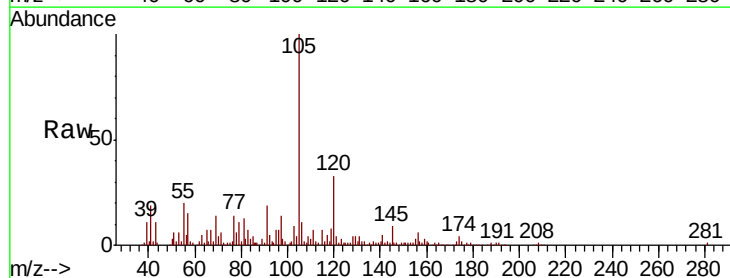
Acq: 19 Oct 2018 22:13

Tgt Ion: 91 Resp: 12227

Ion Ratio Lower Upper

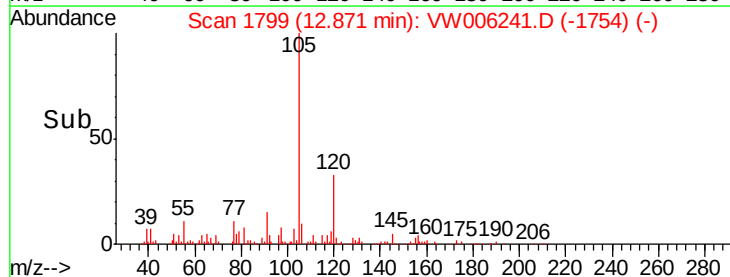
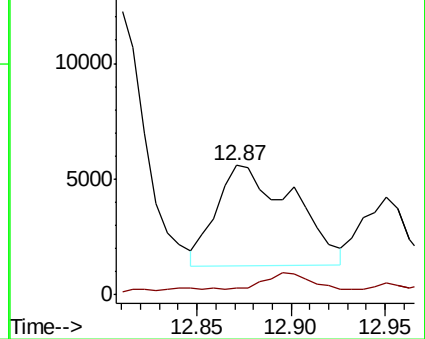
91 100

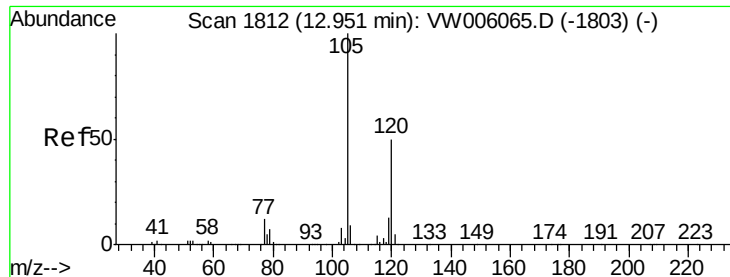
126 0.0 17.9 53.8#



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: 16.112 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

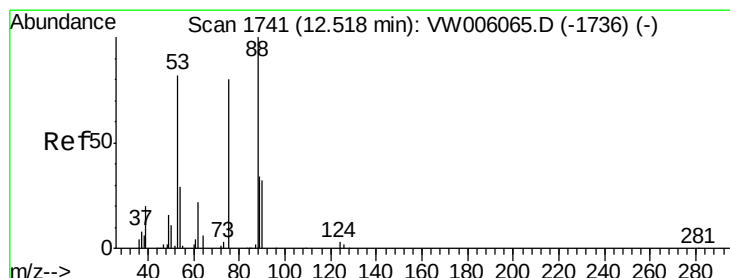
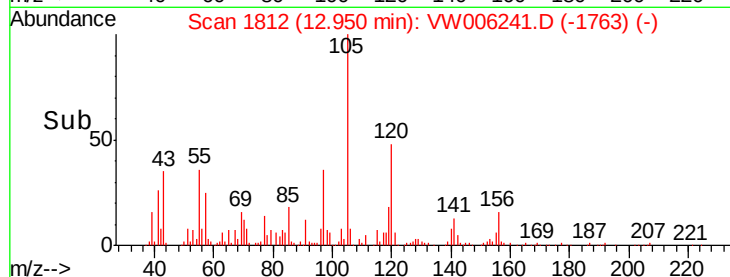
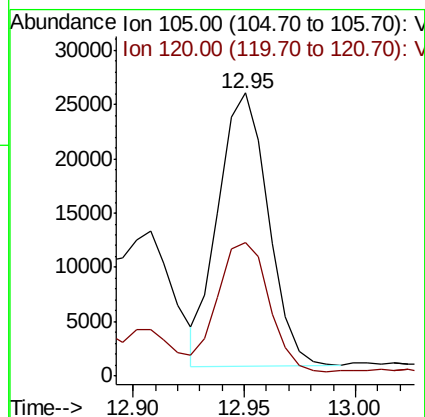
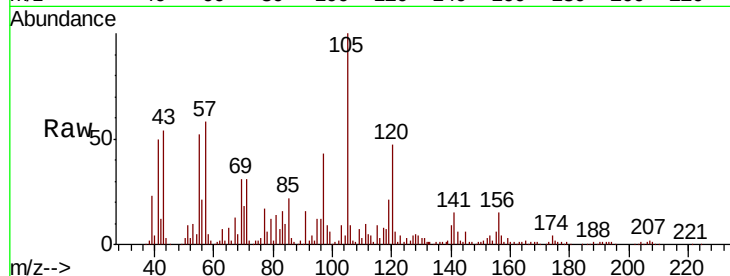
MS-VB-25868-BOX-1RE

Tot Ion:105 Resp: 39119

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 200.180 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

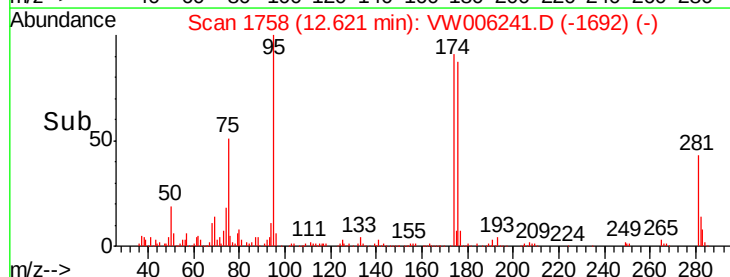
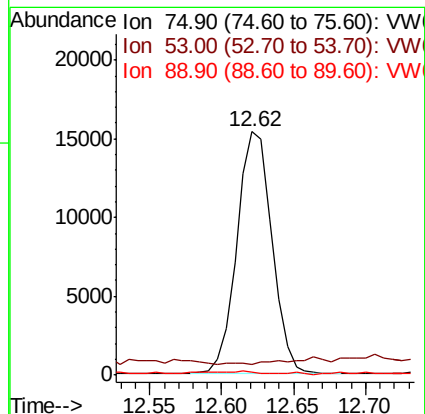
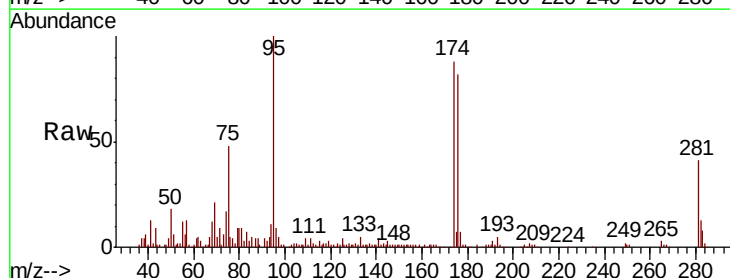
Tgt Ion: 75 Resp: 26076

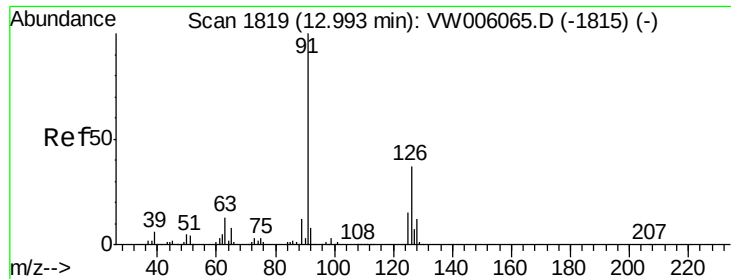
Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 1.6 37.5 56.3#





#82

4-Chlorotoluene

Concen: 2.158 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

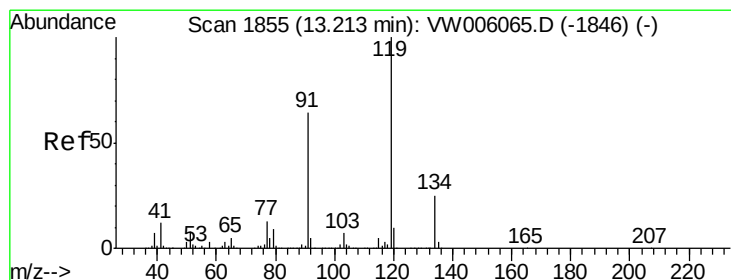
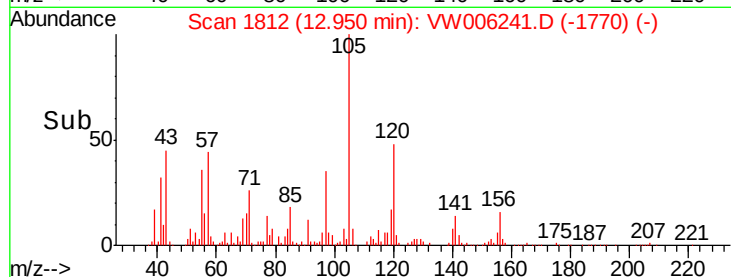
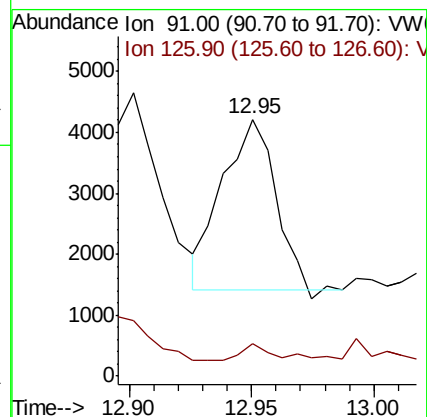
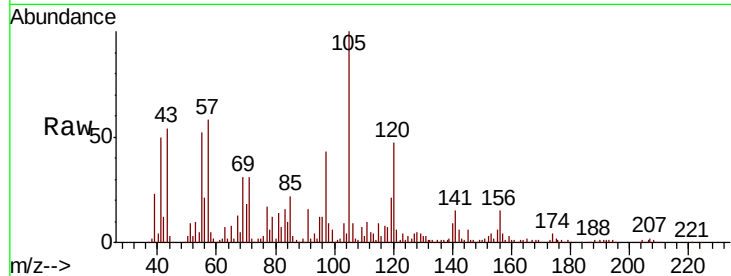
MS-VB-25868-BOX-1RE

Tot Ion: 91 Resp: 4256

Ion Ratio Lower Upper

91 100

126 11.3 18.1 54.3#



#83

tert-Butylbenzene

Concen: 56.755 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

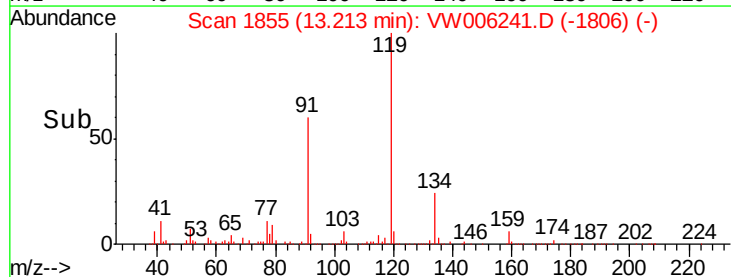
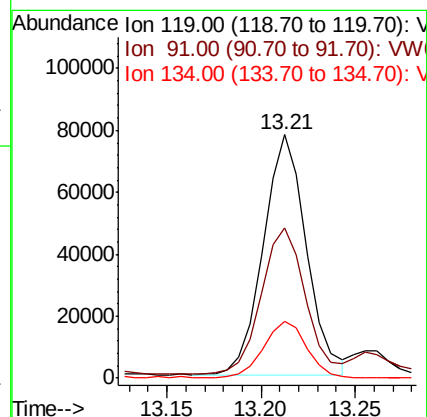
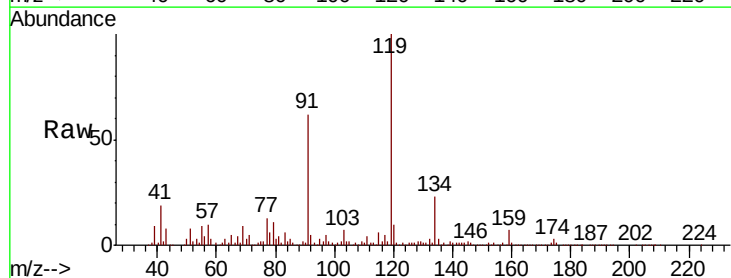
Tgt Ion: 119 Resp: 123288

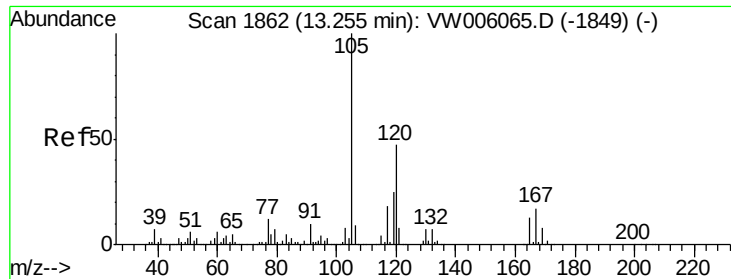
Ion Ratio Lower Upper

119 100

91 61.5 32.3 96.9

134 23.1 13.6 40.8

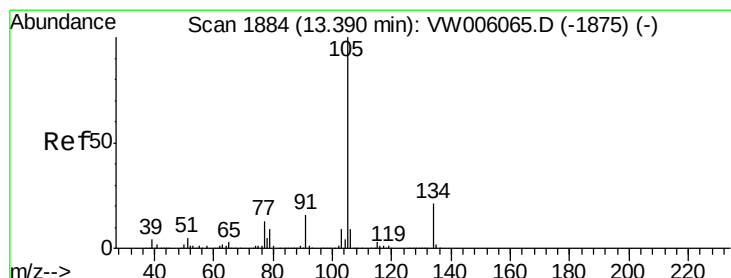
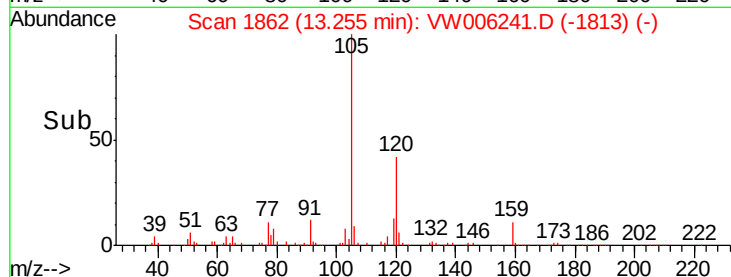
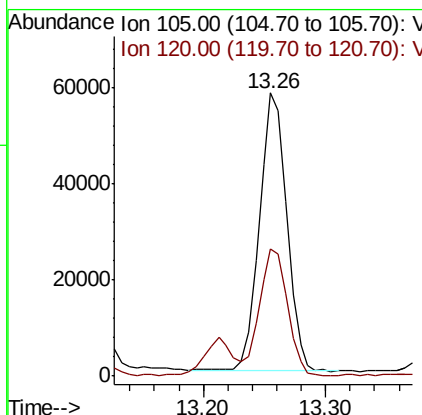
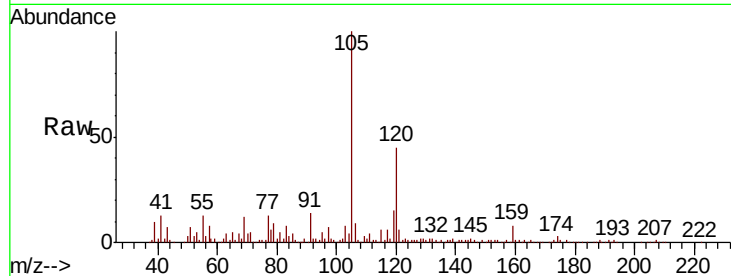




#84
 1,2,4-Trimethylbenzene
 Concen: 36.986 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

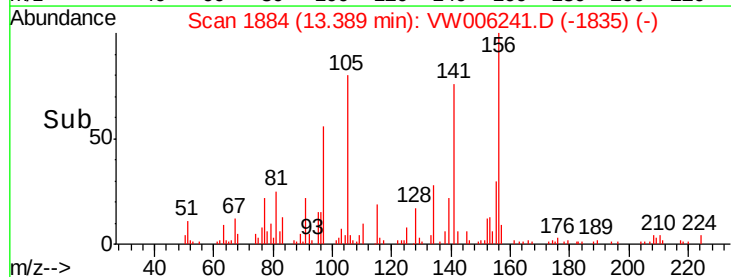
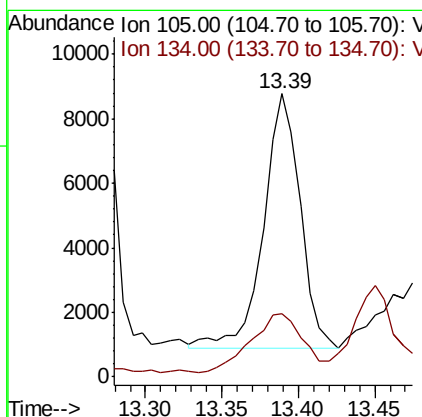
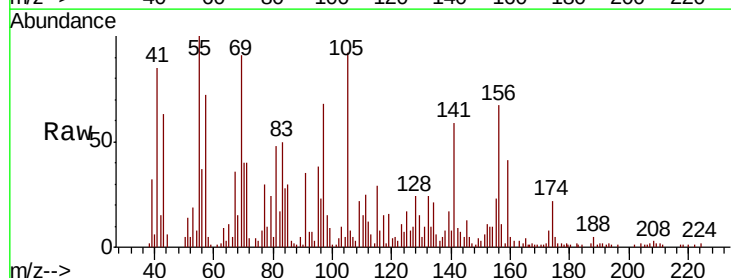
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

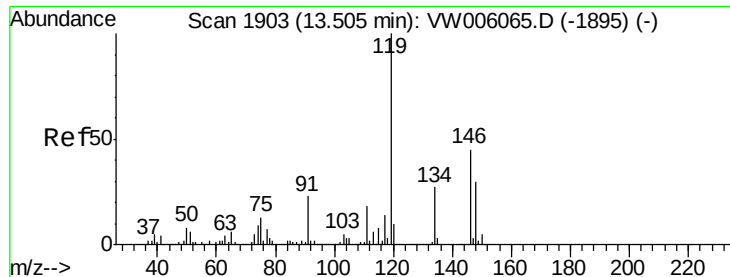
Tot Ion:105 Resp: 90869
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 4.277 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

Tgt Ion:105 Resp: 13126
 Ion Ratio Lower Upper
 105 100
 134 31.9 10.5 31.6#

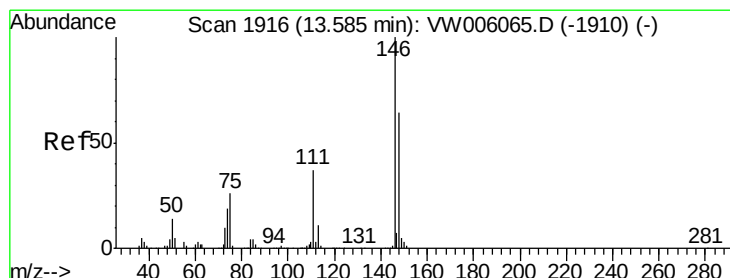
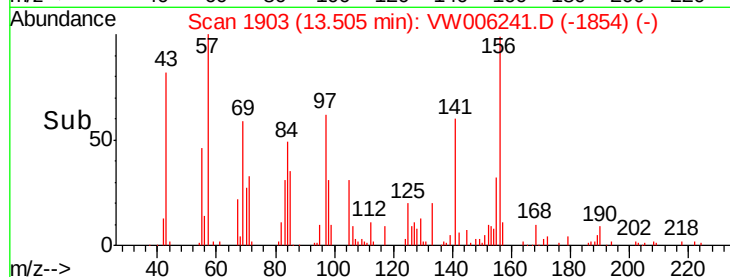
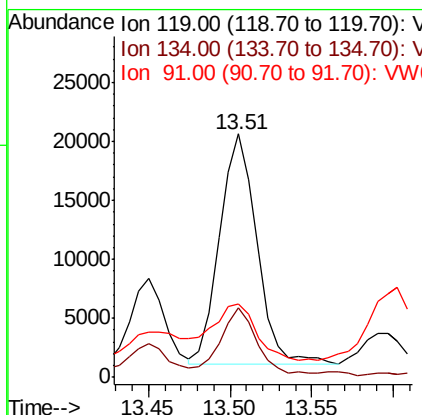
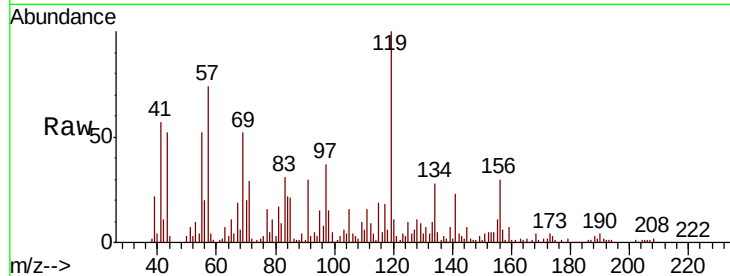




#86
 p-Isopropyltoluene
 Concen: 11.130 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

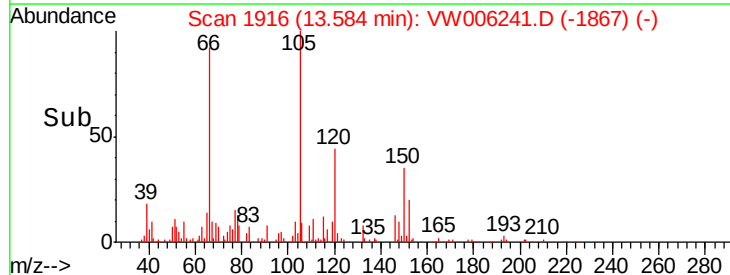
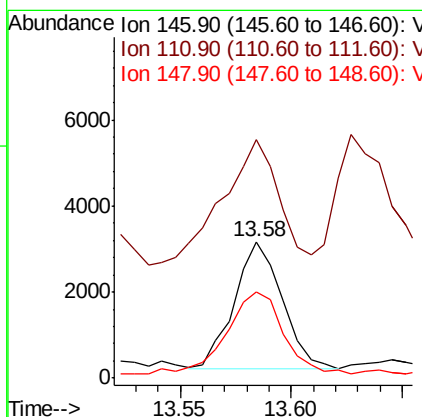
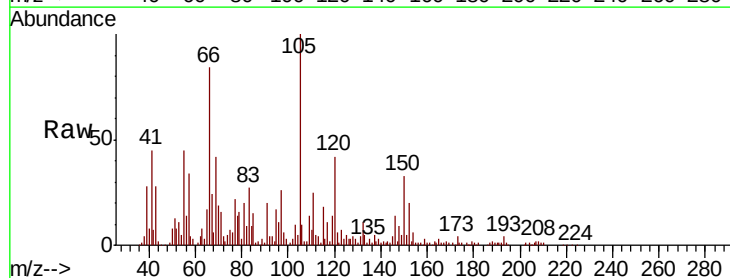
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

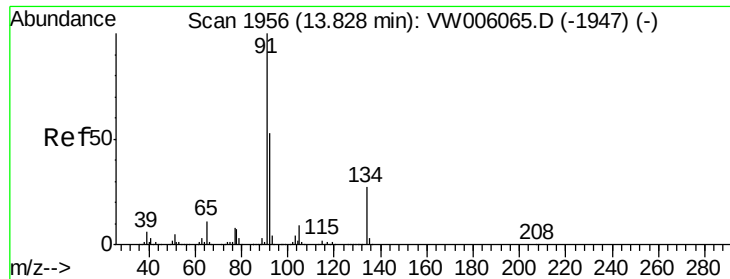
Tot Ion:119 Resp: 30894
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 30.3 11.4 34.1



#88
 1,4-Dichlorobenzene
 Concen: 3.129 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

Tgt Ion:146 Resp: 4374
 Ion Ratio Lower Upper
 146 100
 111 111.2 18.6 56.0#
 148 78.1 32.1 96.5





#89

n-Butylbenzene

Concen: 5.552 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

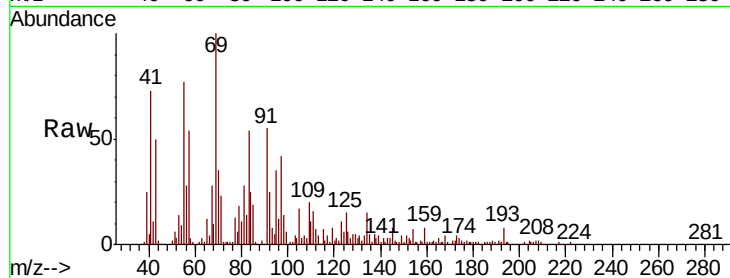
Tot Ion: 91 Resp: 14094

Ion Ratio Lower Upper

91 100

92 56.4 26.6 79.7

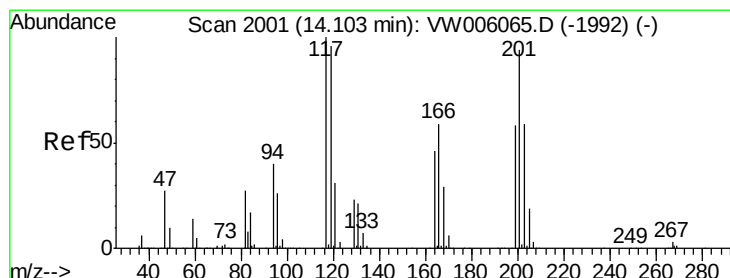
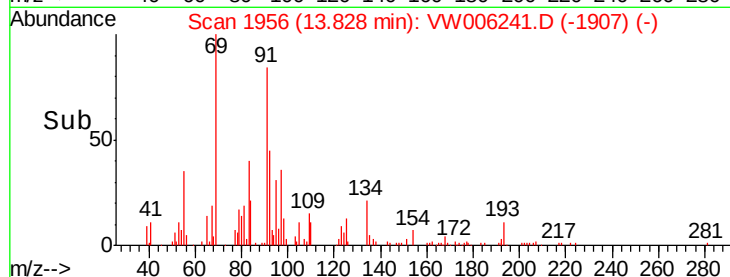
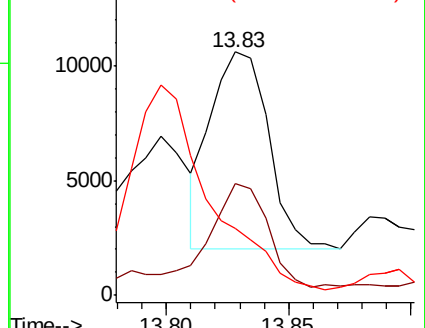
134 0.0 14.0 41.9#



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: 8.237 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006241.D

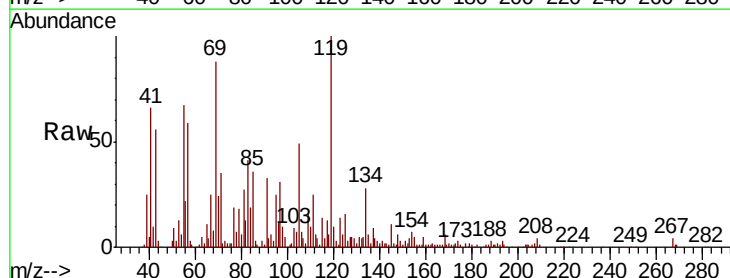
Acq: 19 Oct 2018 22:13

Tgt Ion: 117 Resp: 3873

Ion Ratio Lower Upper

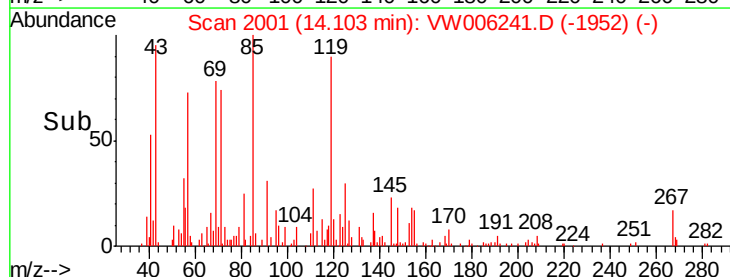
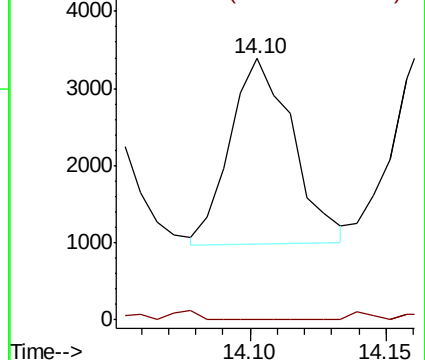
117 100

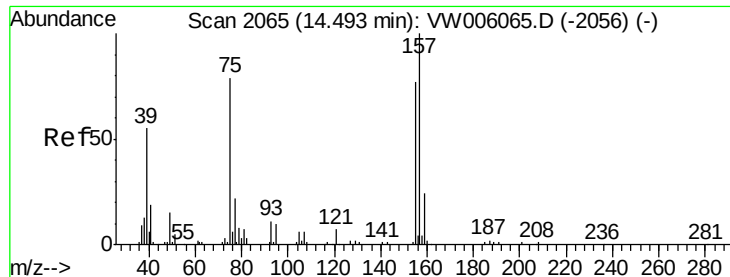
201 0.0 45.3 135.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

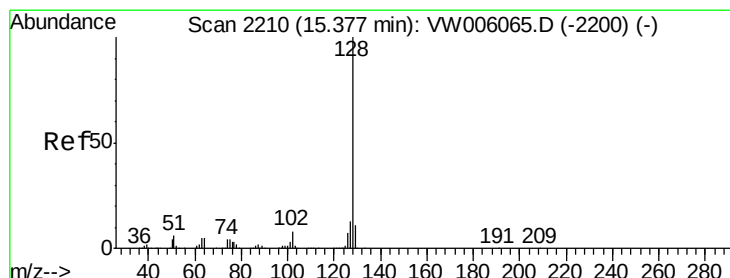
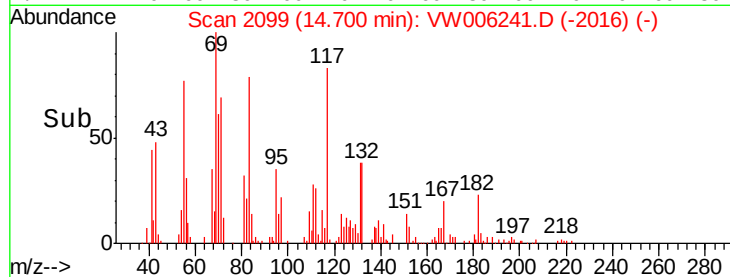
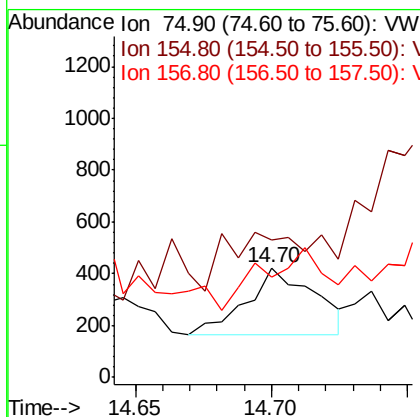
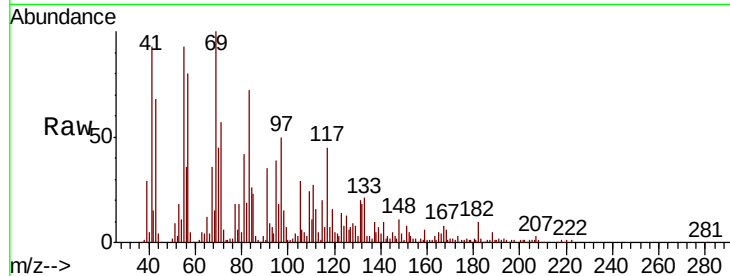




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.750 ug/l
 RT: 14.70 min Scan# 2099
 Delta R.T. 0.21 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

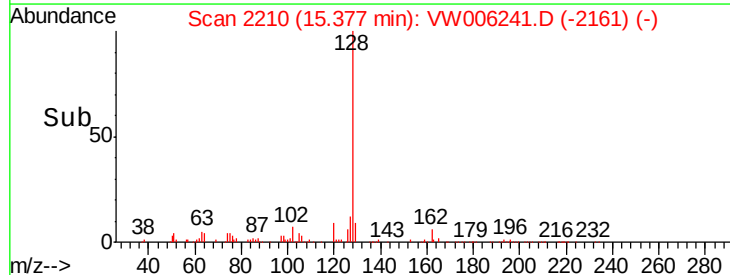
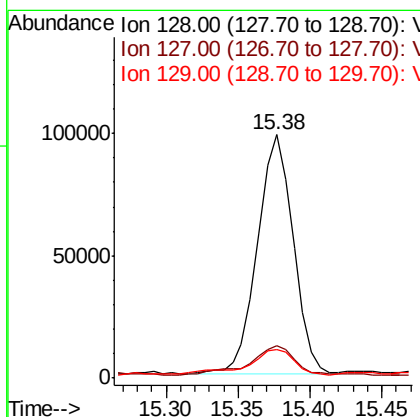
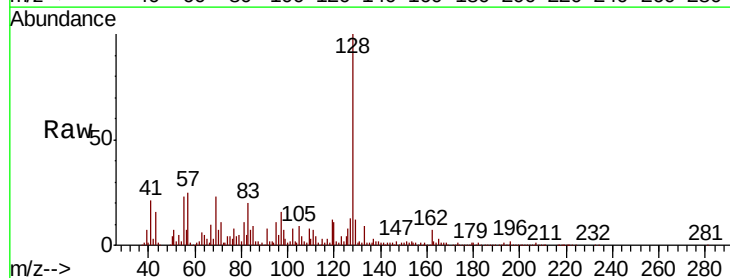
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-25868-BOX-1RE

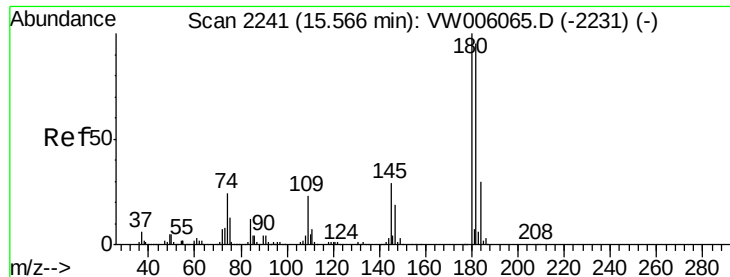
Tot Ion: 75 Resp: 451
 Ion Ratio Lower Upper
 75 100
 155 92.2 46.5 139.5
 157 85.1 59.8 179.4



#95
 Naphthalene
 Concen: 105.173 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006241.D
 Acq: 19 Oct 2018 22:13

Tgt Ion: 128 Resp: 168581
 Ion Ratio Lower Upper
 128 100
 127 16.8 10.3 15.5#
 129 13.4 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 3.148 ug/l

RT: 15.59 min Scan# 2245

Delta R.T. 0.02 min

Lab File: VW006241.D

Acq: 19 Oct 2018 22:13

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-25868-BOX-1RE

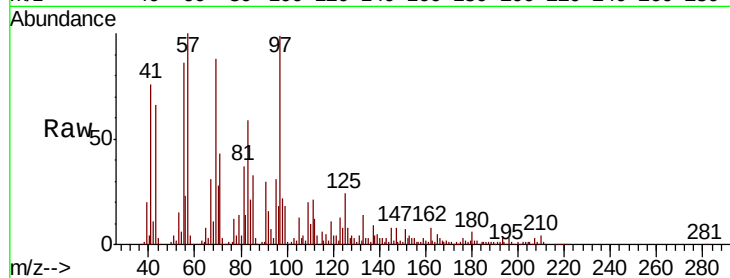
Tot Ion:180 Resp: 2624

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.0 45.1#



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

