

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003962.D
 Acq On : 16 Jul 2018 20:09
 Operator : VA/AP
 Sample : J3976-02
 Misc : 10.18G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 05:51:55 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	15852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	25070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	12428	70.14	ug/l	0.00
Spiked Amount			Recovery	=	140.28%	
35) Dibromofluoromethane	7.89	113	10044	62.44	ug/l	0.00
Spiked Amount			Recovery	=	124.88%	
50) Toluene-d8	10.33	98	30509	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.62	95	11715	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	240	2.048	ug/l #	42
5) Bromomethane	2.79	94	185	1.837	ug/l #	2
6) Chloroethane	2.85	64	95	1.037	ug/l #	1
11) Tert butyl alcohol	5.15	59	138	11.282	ug/l #	72
13) Acrolein	3.84	56	19	1.512	ug/l #	13
16) Acetone	4.13	43	1765	41.452	ug/l #	80
18) Methyl Acetate	4.68	43	158	1.546	ug/l #	54
20) Methylene Chloride	4.92	84	1121	Below Cal	#	64
25) 2-Butanone	7.14	43	810	14.136	ug/l #	83
26) 2,2-Dichloropropane	7.13	77	835	4.639	ug/l #	52
29) Tetrahydrofuran	7.54	42	38	1.065	ug/l #	36
31) Cyclohexane	7.96	56	409	1.391	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	1480	5.738	ug/l #	45
38) Carbon Tetrachloride	7.95	117	1672	6.937	ug/l #	13
41) Methacrylonitrile	7.50	41	116	1.683	ug/l #	29
56) Ethyl methacrylate	10.63	69	79	3.336	ug/l #	54
59) 2-Hexanone	10.99	43	285	3.262	ug/l #	26
66) 1,1,1,2-Tetrachloroethane	11.74	131	239	1.299	ug/l #	66
71) Bromoform	12.35	173	299	2.878	ug/l #	53
74) N-amyl acetate	12.27	43	249	1.553	ug/l #	27
75) 1,1,2,2-Tetrachloroethane	12.69	83	476	4.000	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	5319	61.527	ug/l #	100
77) Bromobenzene	12.90	156	2293	15.573	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5319	136.095	ug/l #	14
83) tert-Butylbenzene	13.21	119	523	1.203	ug/l	73
84) 1,2,4-Trimethylbenzene	13.26	105	549	1.030	ug/l	88
87) 1,3-Dichlorobenzene	13.51	146	324	1.102	ug/l #	62
90) Hexachloroethane	14.10	117	190	1.822	ug/l #	9
91) 1,2-Dichlorobenzene	13.88	146	264	1.008	ug/l #	48
92) 1,2-Dibromo-3-Chloropropan	14.51	75	38	1.796	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	242	1.315	ug/l #	57
95) Naphthalene	15.38	128	852	2.509	ug/l #	17

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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

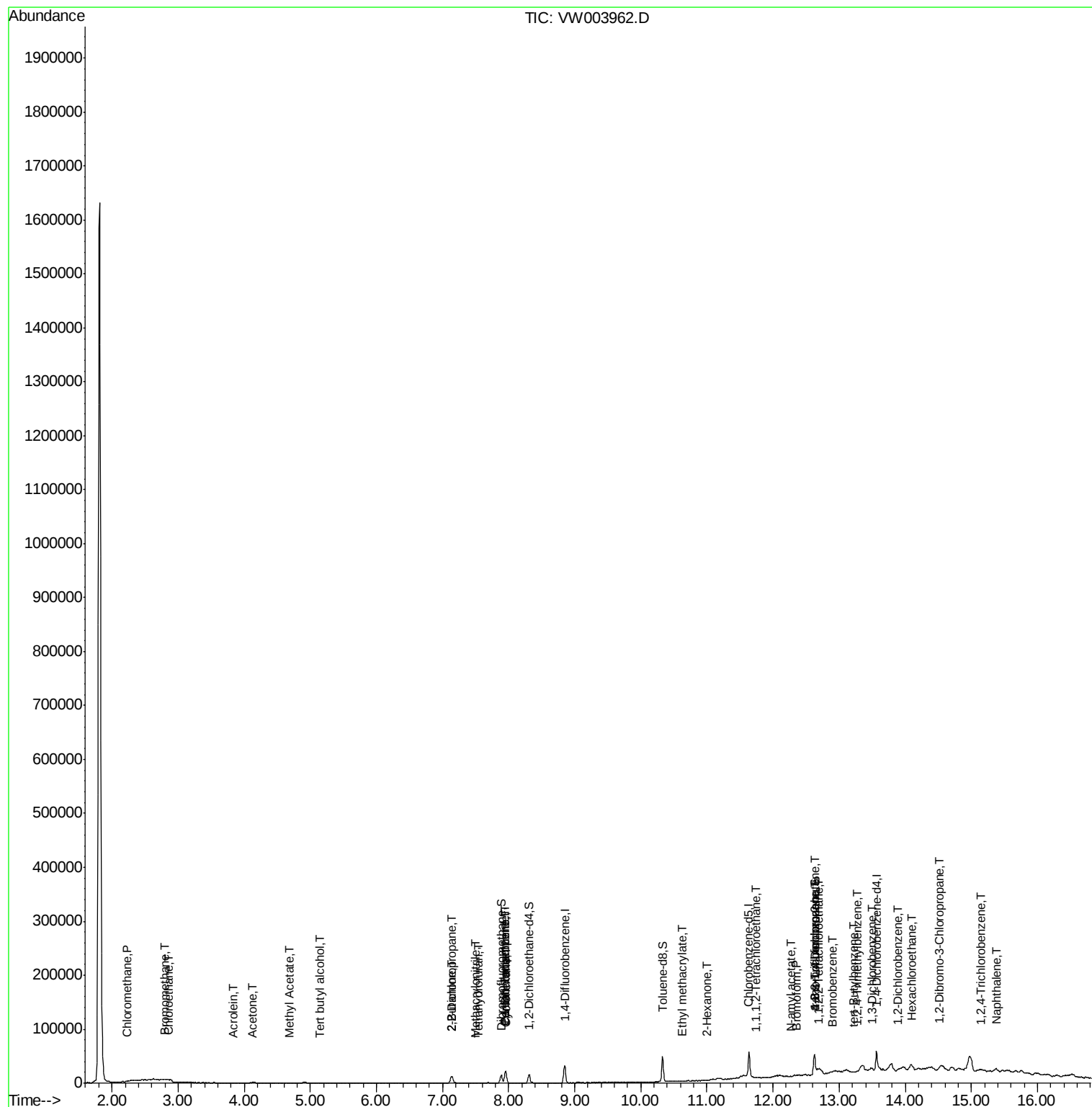
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

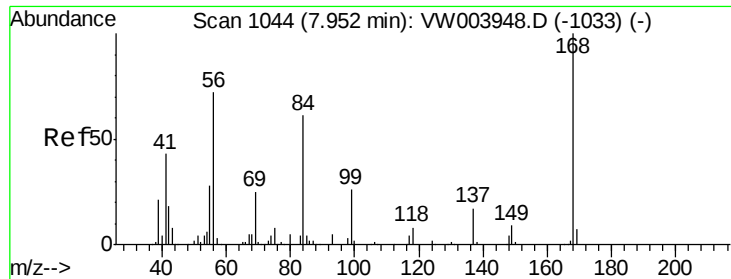
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071618\
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Quant Time: Jul 17 05:51:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

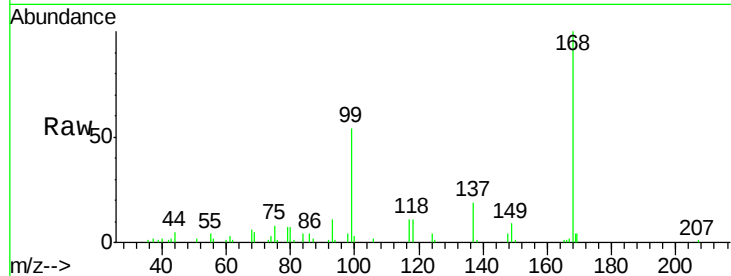
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 15852

Ion Ratio Lower Upper

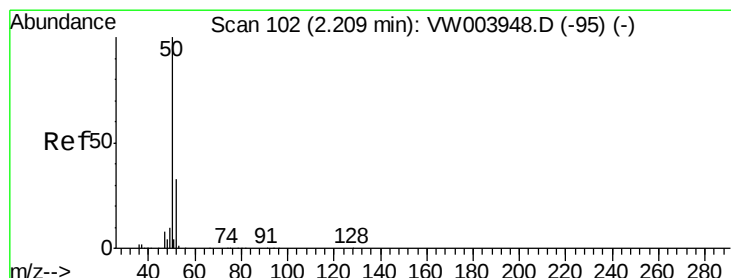
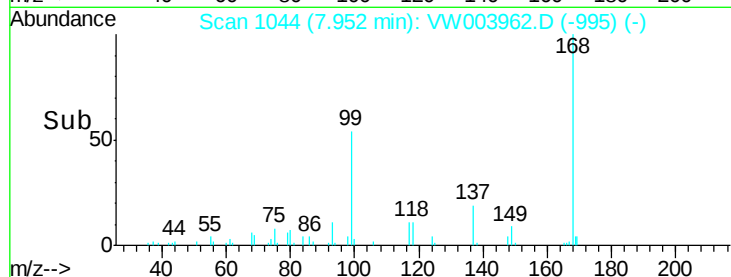
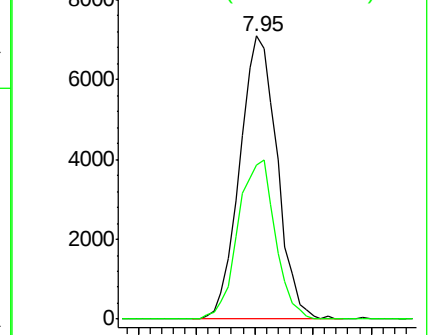
168 100

99 54.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.048 ug/l

RT: 2.21 min Scan# 103

Delta R.T. 0.01 min

Lab File: VW003962.D

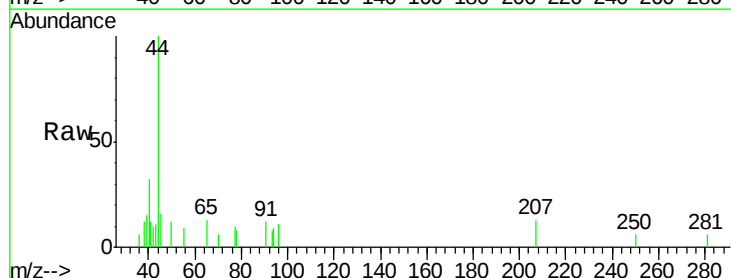
Acq: 16 Jul 2018 20:09

Tgt Ion: 50 Resp: 240

Ion Ratio Lower Upper

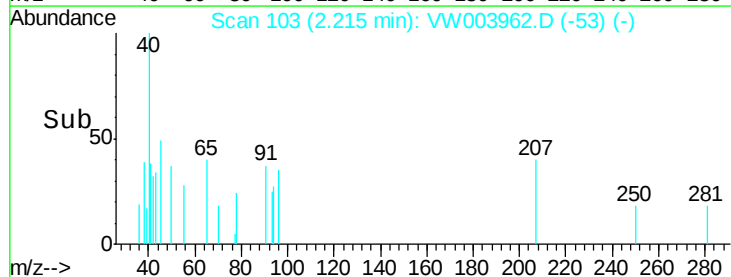
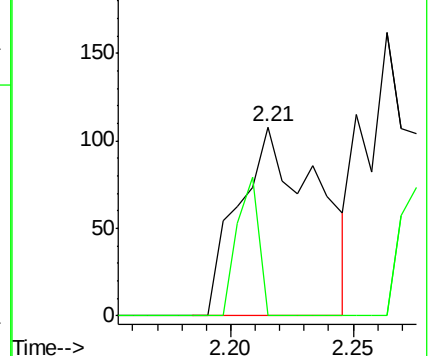
50 100

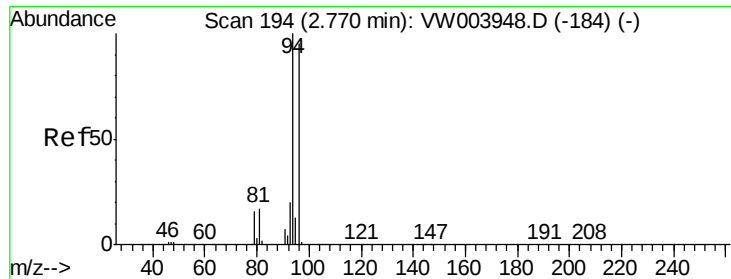
52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 1.837 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.02 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

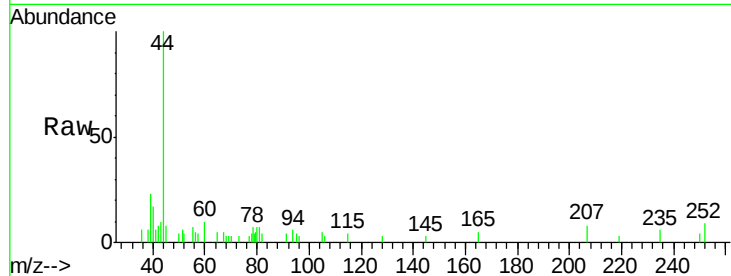
ClientSampled :

Tot Ion: 94 Resp: 185

Ion Ratio Lower Upper

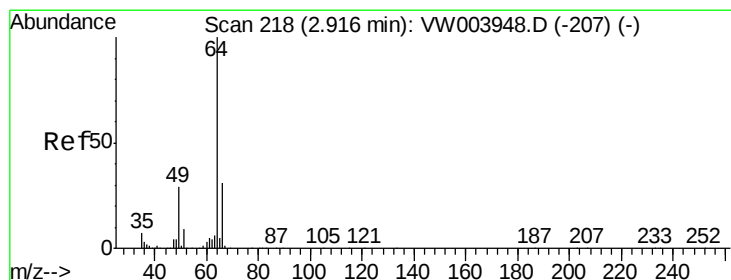
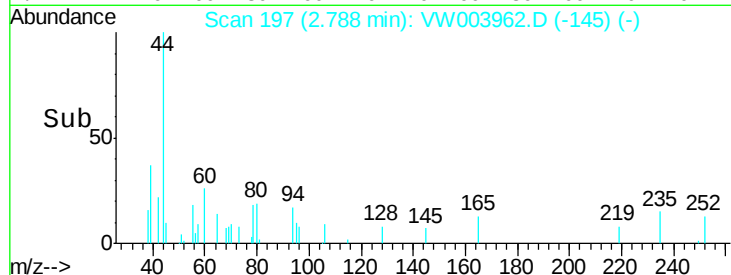
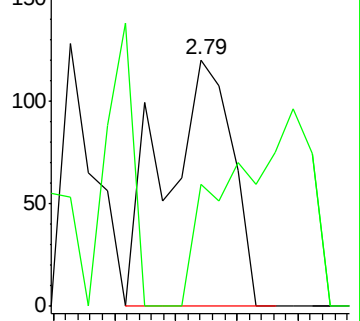
94 100

96 0.0 75.8 113.6#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 1.037 ug/l

RT: 2.85 min Scan# 207

Delta R.T. -0.07 min

Lab File: VW003962.D

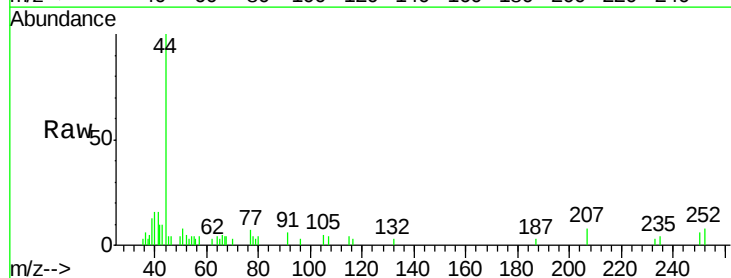
Acq: 16 Jul 2018 20:09

Tgt Ion: 64 Resp: 95

Ion Ratio Lower Upper

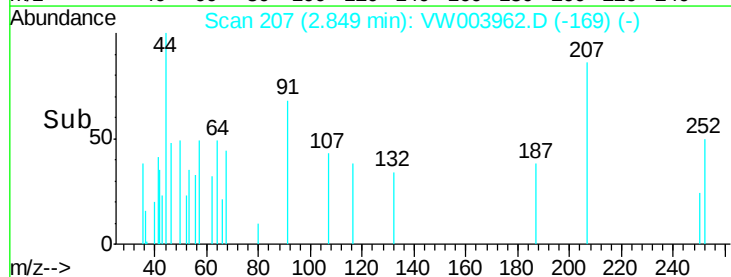
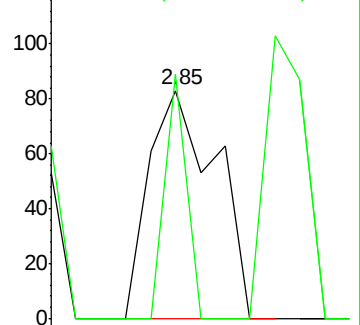
64 100

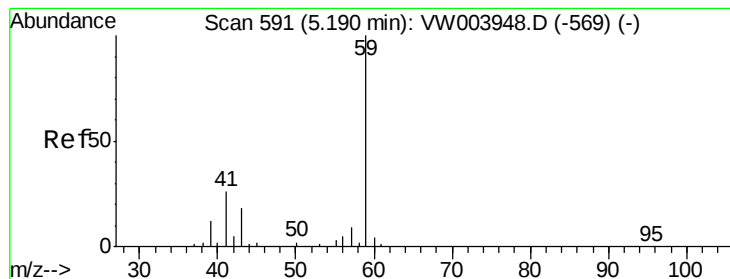
66 107.2 24.5 36.7#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



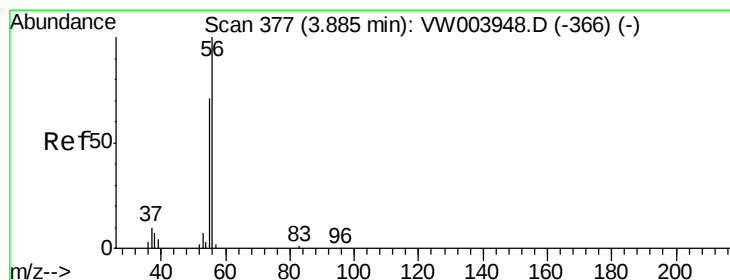
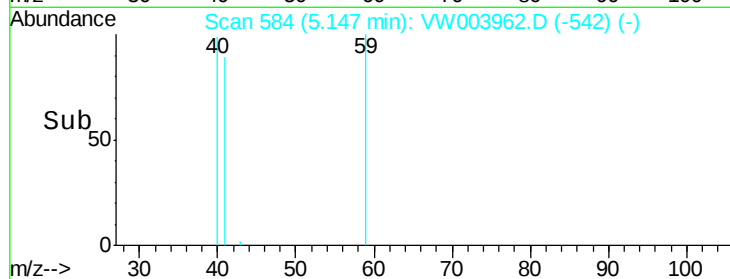
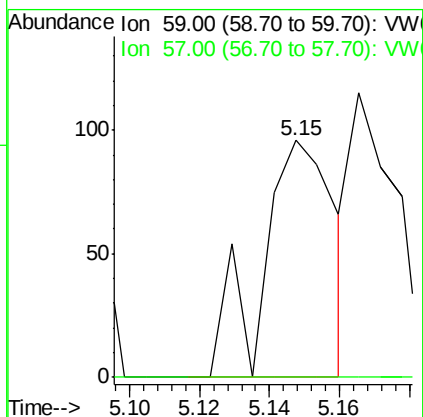
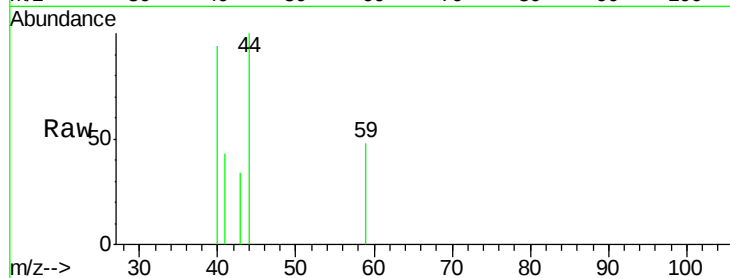


#11

Tert butyl alcohol
 Concen: 11.282 ug/l
 RT: 5.15 min Scan# 584
 Delta R.T. -0.04 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Instrument :
 MSVOA_W
 ClientSampled :

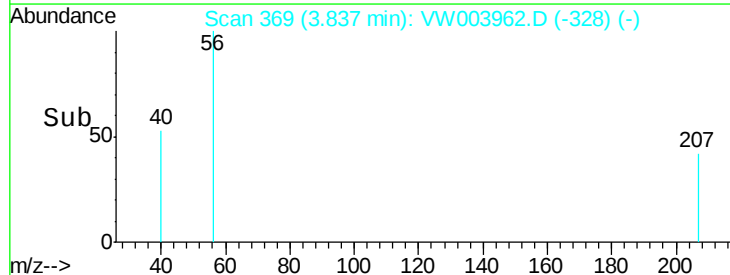
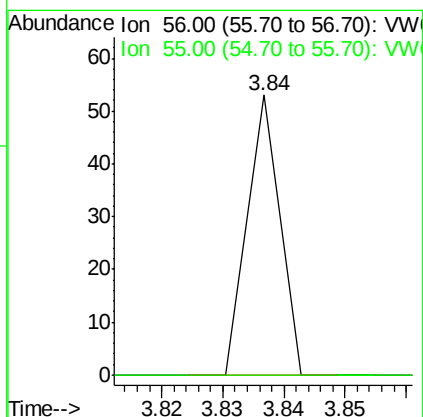
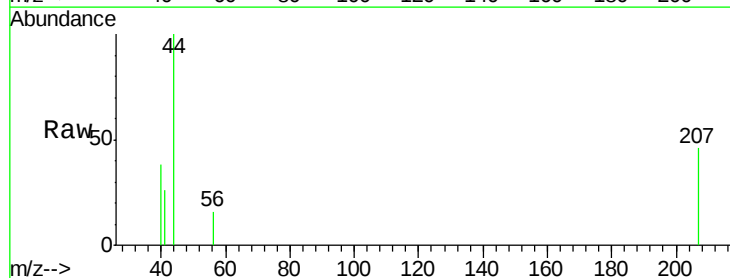
Tot Ion: 59 Resp: 138
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

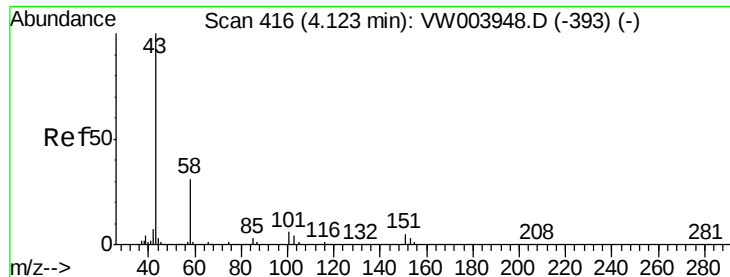


#13

Acrolein
 Concen: 1.512 ug/l
 RT: 3.84 min Scan# 369
 Delta R.T. -0.05 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.2 87.4#





#16

Acetone

Concen: 41.452 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

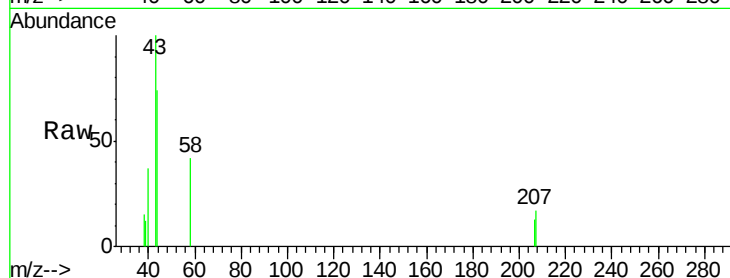
ClientSampled :

Tot Ion: 43 Resp: 1765

Ion Ratio Lower Upper

43 100

58 41.8 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

300

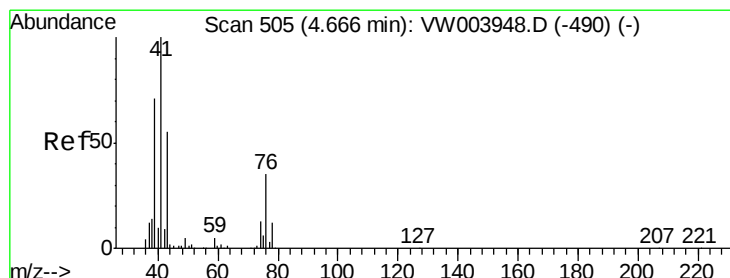
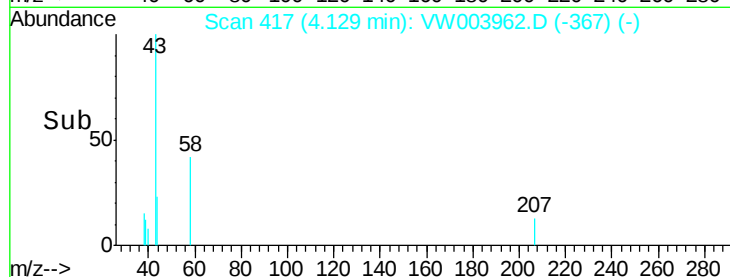
200

100

0

4.05 4.10 4.15 4.20

Time-->



#18

Methyl Acetate

Concen: 1.546 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003962.D

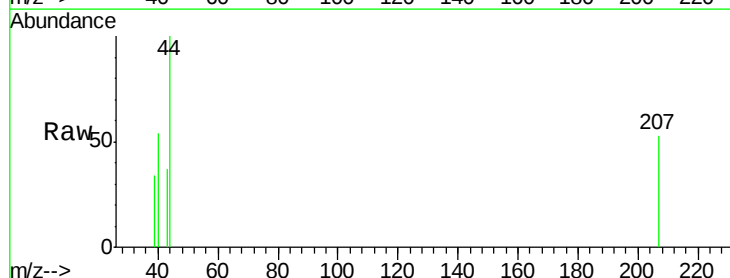
Acq: 16 Jul 2018 20:09

Tgt Ion: 43 Resp: 158

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

100

80

60

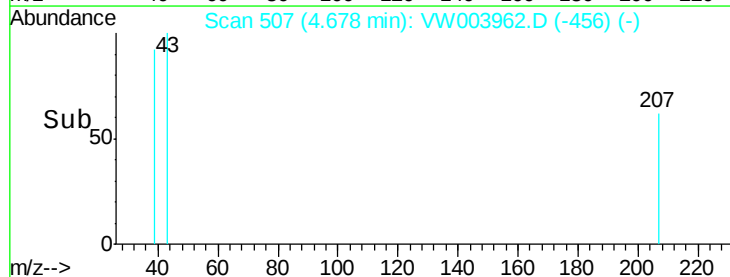
40

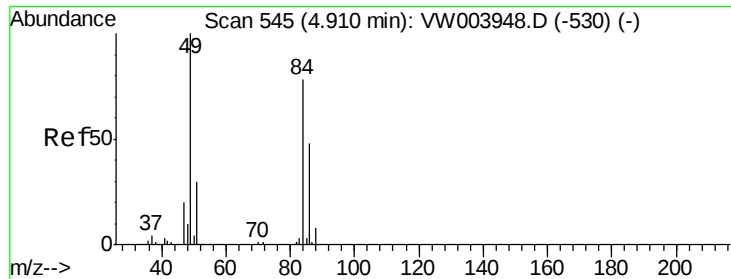
20

0

4.65 4.70

Time-->

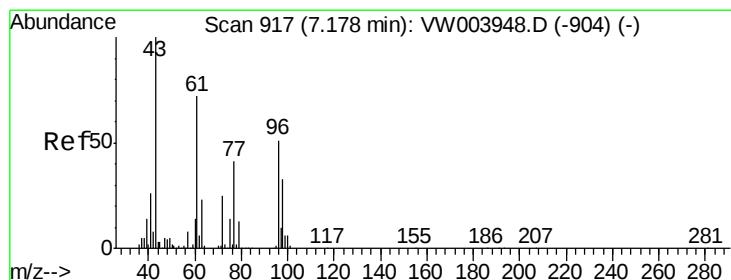
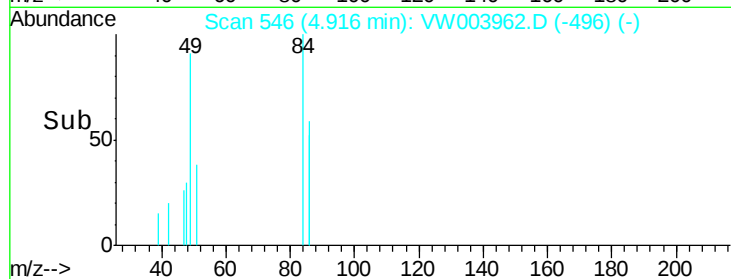
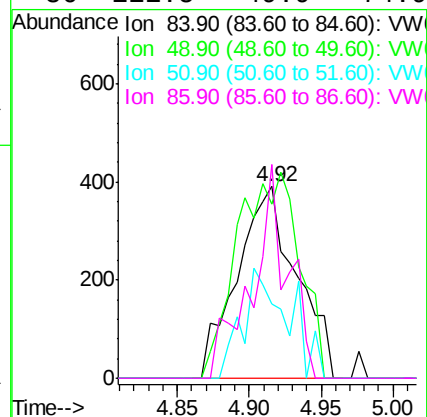
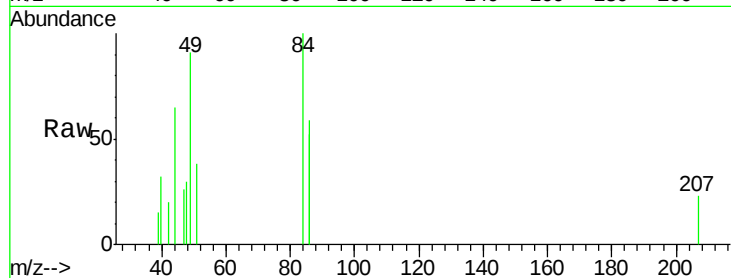




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

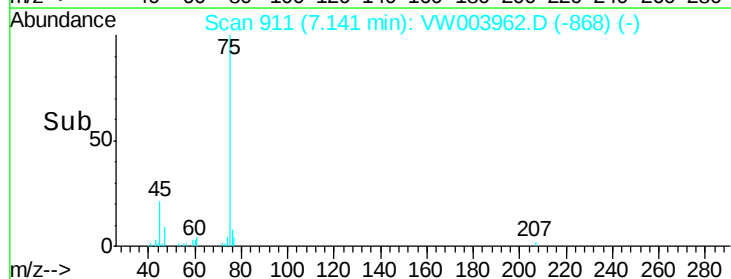
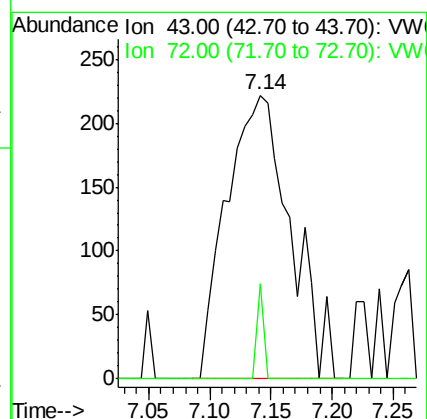
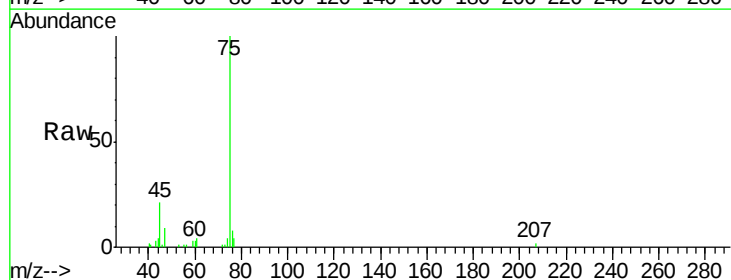
Instrument :
MSVOA_W
ClientSampleId :

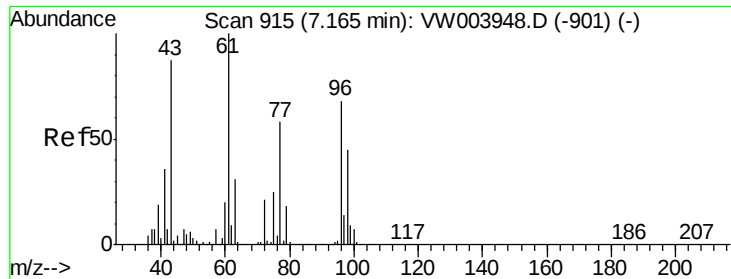
Tot Ion	84	Resp	1121
Ion	Ratio	Lower	Upper
84	100		
49	91.0	102.9	154.3#
51	38.5	30.9	46.3
86	111.5	49.9	74.9#



#25
2-Butanone
Concen: 14.136 ug/l
RT: 7.14 min Scan# 911
Delta R.T. -0.04 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Tgt Ion	43	Resp	810
Ion	Ratio	Lower	Upper
43	100		
72	33.3	19.8	29.6#





#26

2,2-Dichloropropane

Concen: 4.639 ug/l

RT: 7.13 min Scan# 910

Delta R.T. -0.03 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

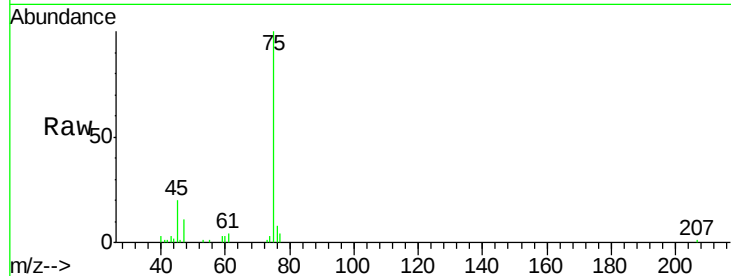
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 77 Resp: 835

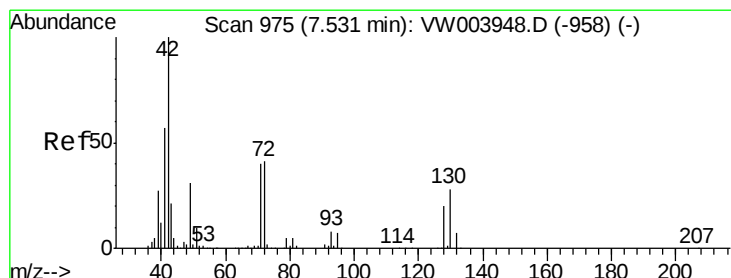
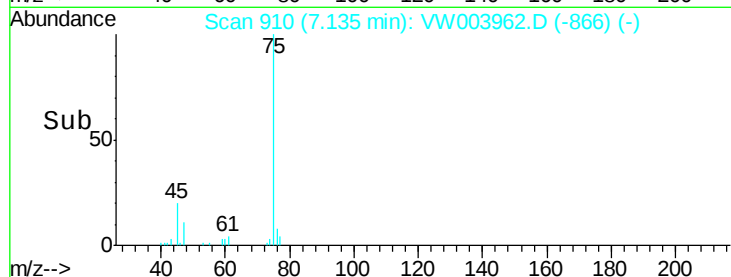
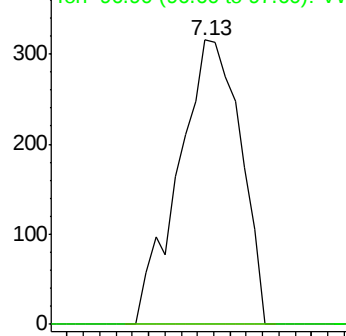
Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#



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



#29

Tetrahydrofuran

Concen: 1.065 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

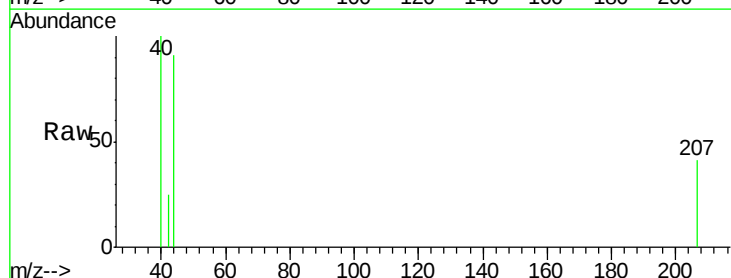
Tgt Ion: 42 Resp: 38

Ion Ratio Lower Upper

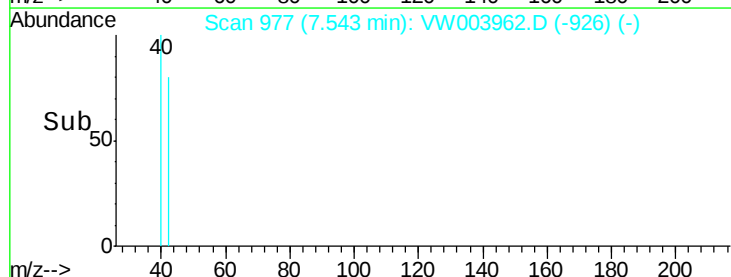
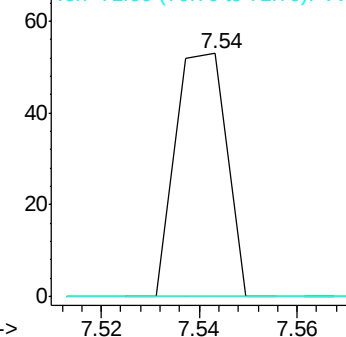
42 100

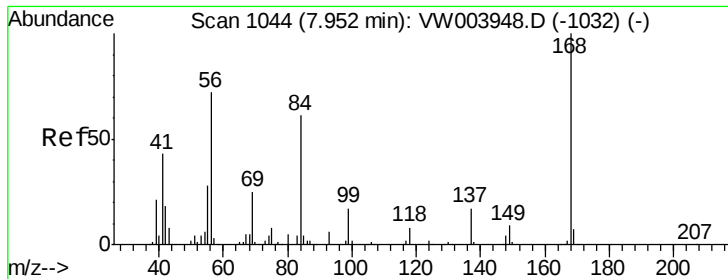
72 0.0 32.6 48.8#

71 0.0 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.391 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. 0.01 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

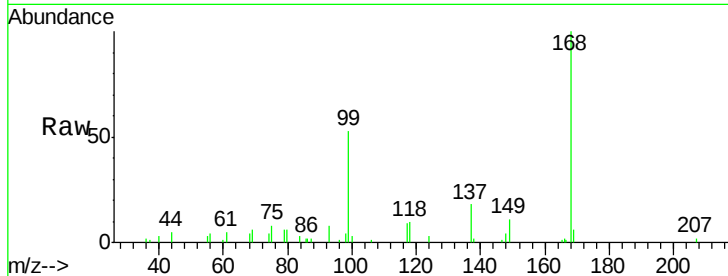
Tot Ion: 56 Resp: 409

Ion Ratio Lower Upper

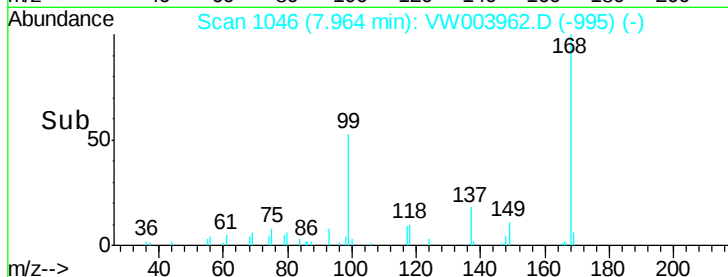
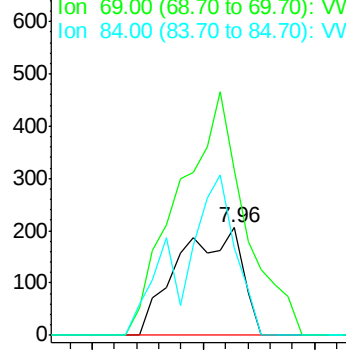
56 100

69 153.4 27.8 41.8#

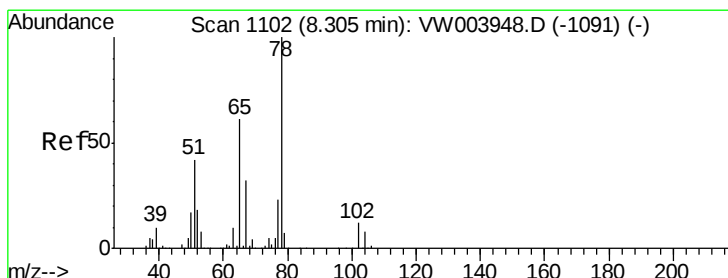
84 81.1 67.2 100.8



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



Time-->



#33

1,2-Dichloroethane-d4

Concen: 70.138 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003962.D

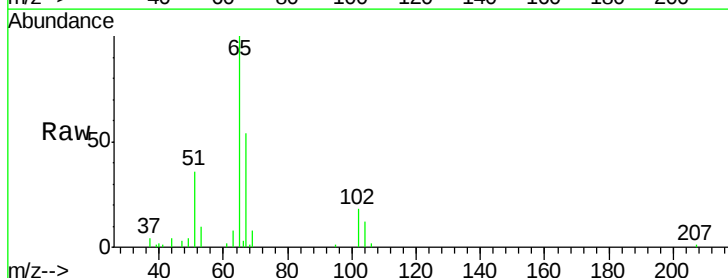
Acq: 16 Jul 2018 20:09

Tgt Ion: 65 Resp: 12428

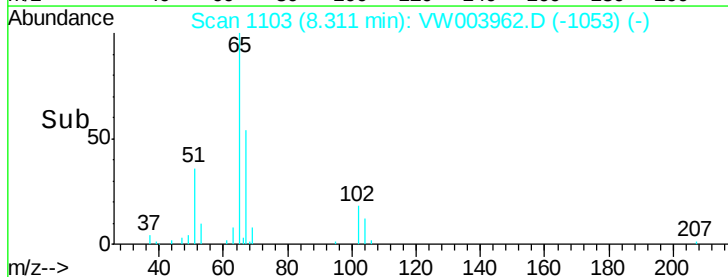
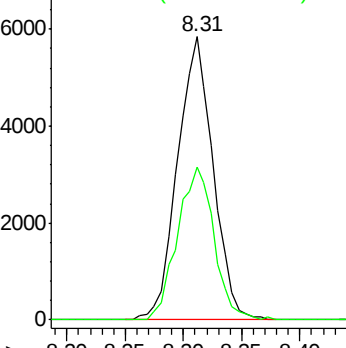
Ion Ratio Lower Upper

65 100

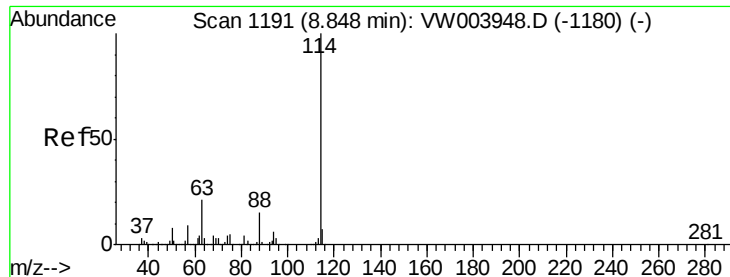
67 55.7 0.0 105.0



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



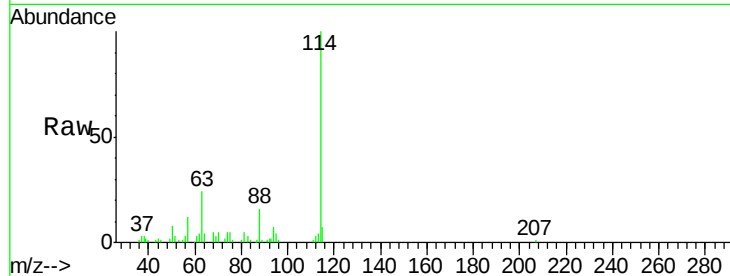
Time-->



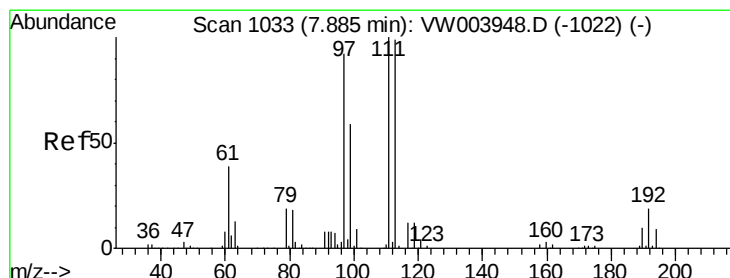
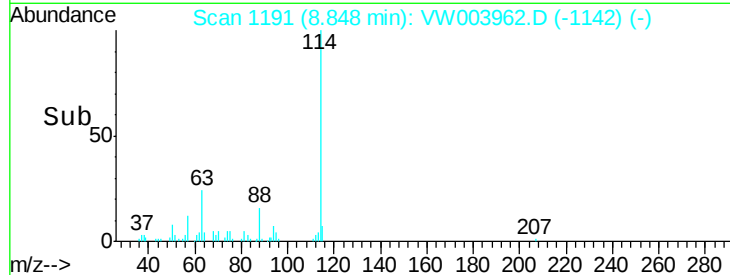
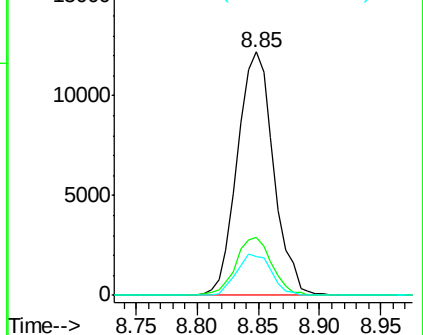
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 25070
Ion Ratio Lower Upper
114 100
63 23.6 0.0 42.8
88 16.1 0.0 30.4

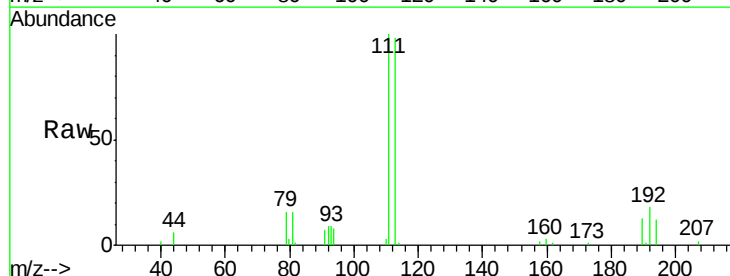


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

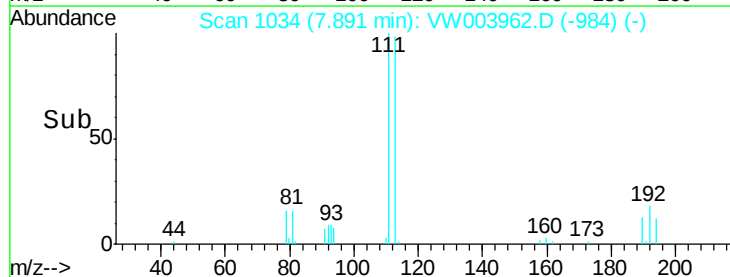
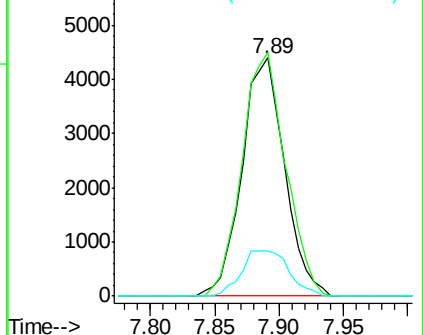


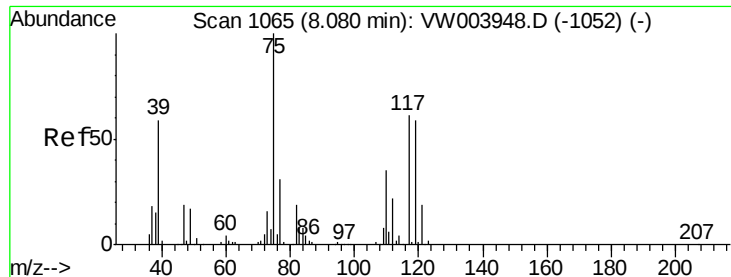
#35
Dibromofluoromethane
Concen: 62.441 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Tgt Ion:113 Resp: 10044
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 21.2 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

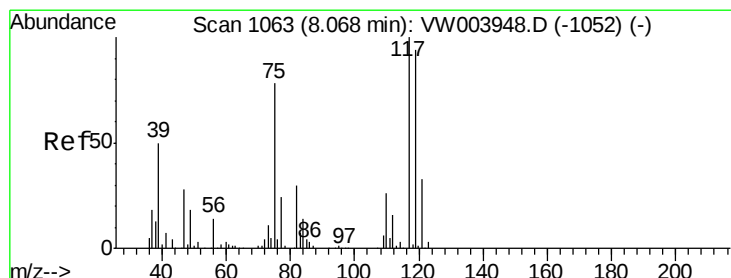
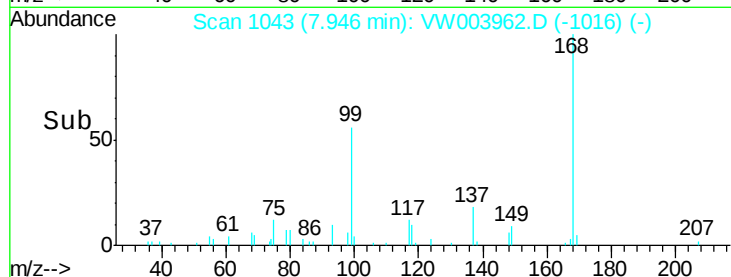
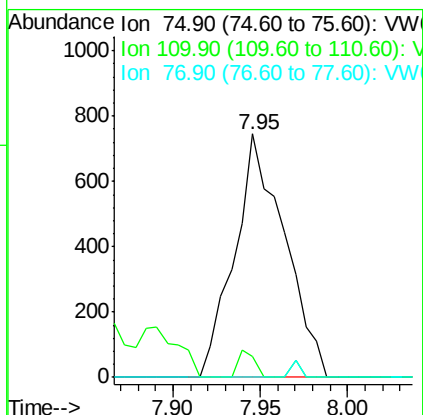
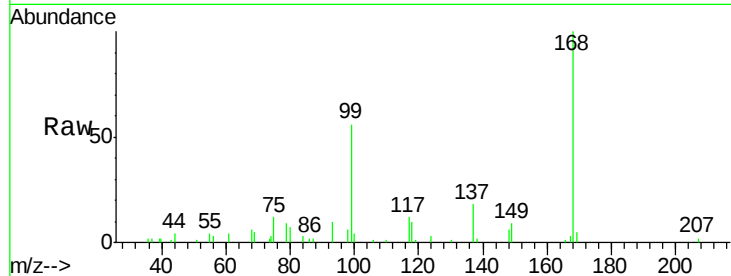




#36
 1,1-Dichloropropene
 Concen: 5.738 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

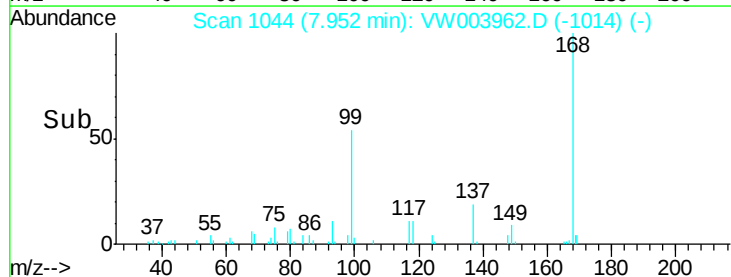
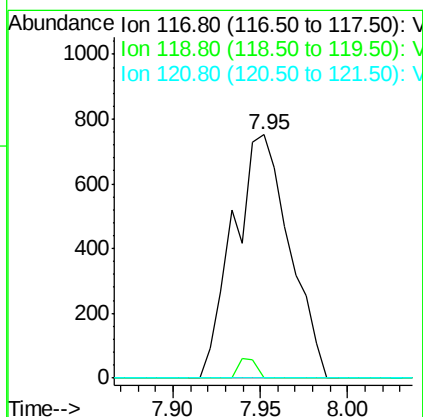
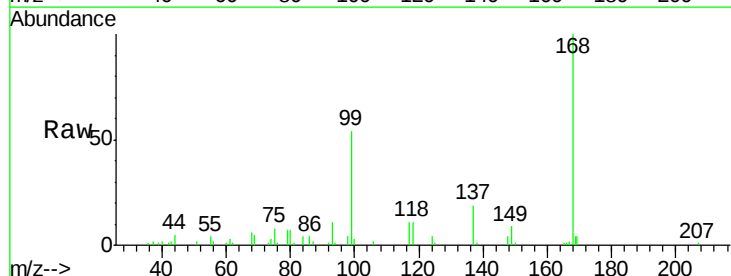
Instrument :
 MSVOA_W
 ClientSampleId :

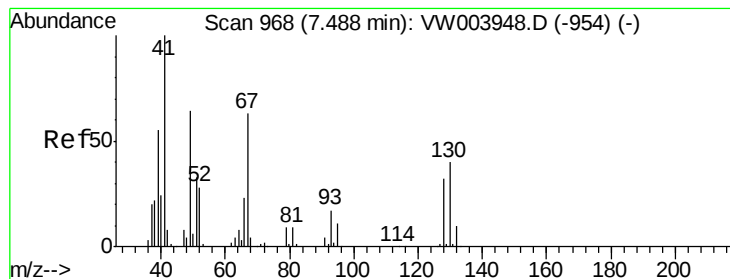
Tot Ion: 75 Resp: 1480
 Ion Ratio Lower Upper
 75 100
 110 3.6 17.0 51.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.937 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Tgt Ion: 117 Resp: 1672
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.3 112.9#
 121 0.0 26.0 39.0#





#41

Methacrylonitrile

Concen: 1.683 ug/l

RT: 7.50 min Scan# 970

Delta R.T. 0.01 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 41 Resp: 116

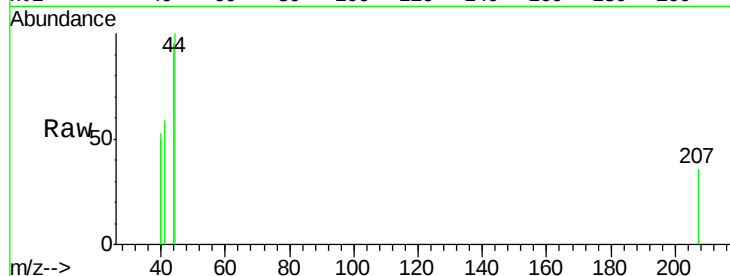
Ion Ratio Lower Upper

41 100

39 19.8 50.0 75.0#

67 0.0 60.8 91.2#

52 0.0 26.2 39.4#

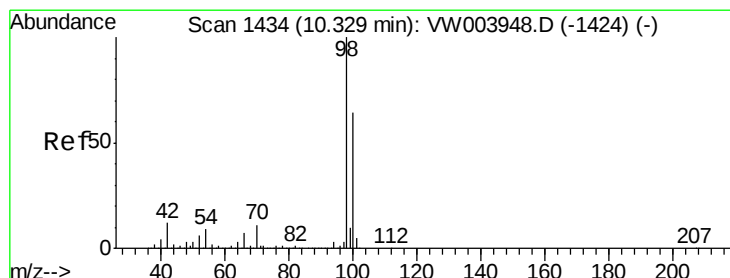
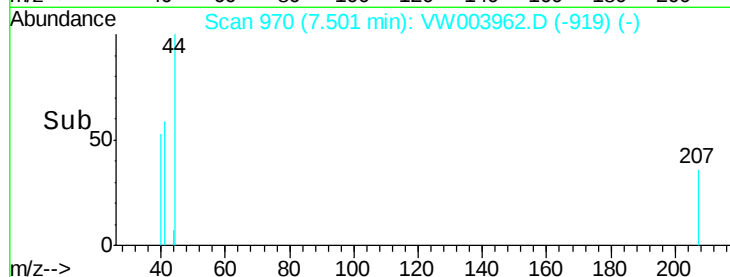
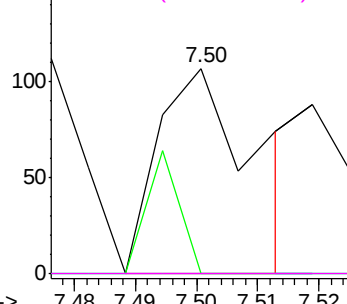


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#50

Toluene-d8

Concen: 48.880 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003962.D

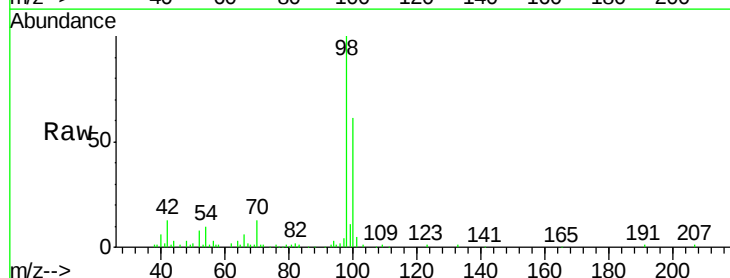
Acq: 16 Jul 2018 20:09

Tgt Ion: 98 Resp: 30509

Ion Ratio Lower Upper

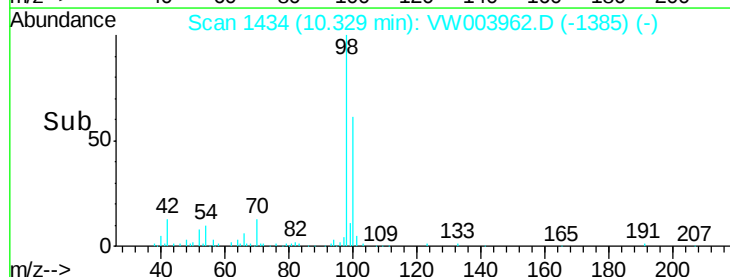
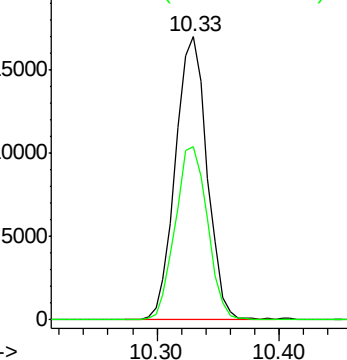
98 100

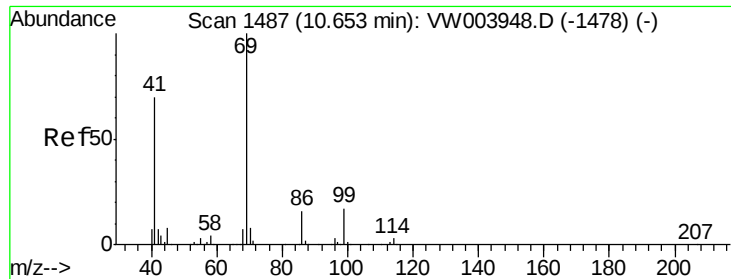
100 62.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.336 ug/l

RT: 10.63 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

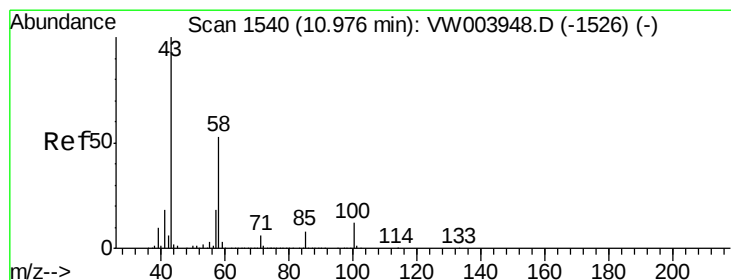
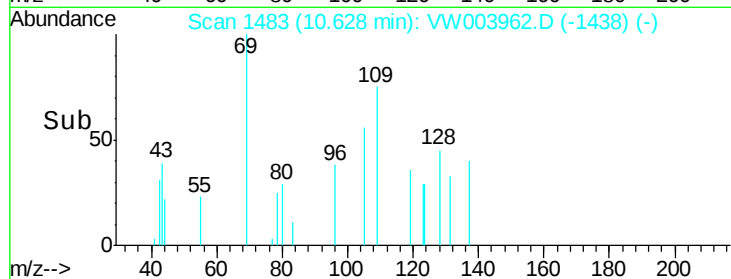
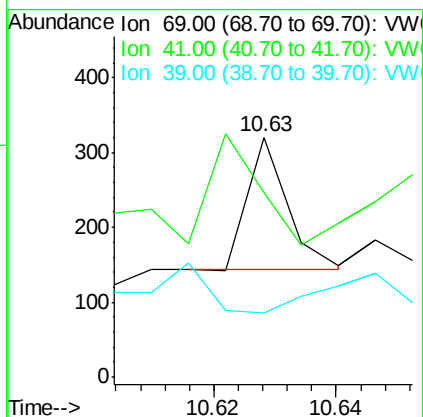
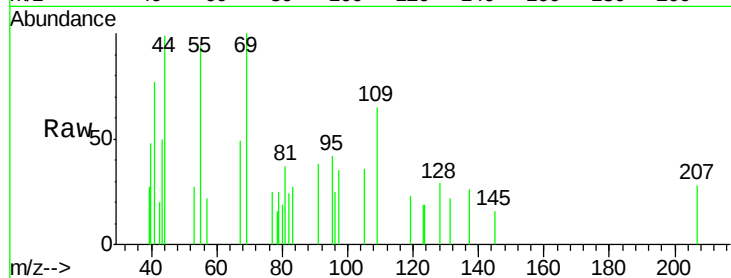
Tot Ion: 69 Resp: 79

Ion Ratio Lower Upper

69 100

41 101.3 56.5 84.7#

39 0.0 30.2 45.4#



#59

2-Hexanone

Concen: 3.262 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.01 min

Lab File: VW003962.D

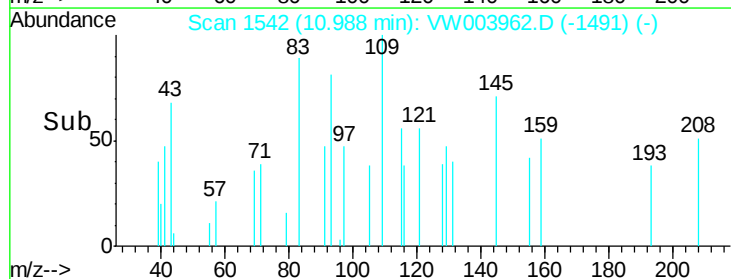
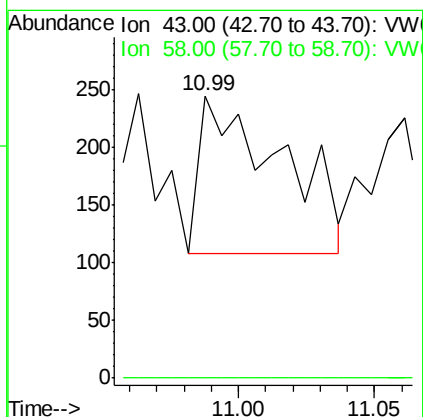
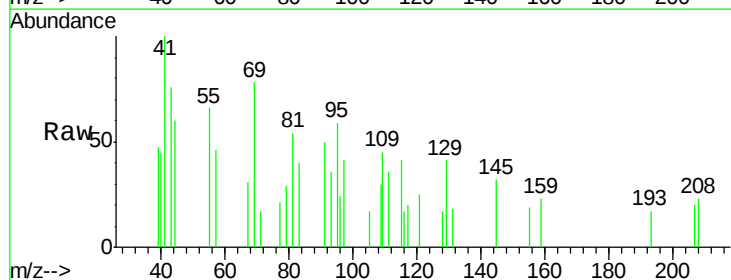
Acq: 16 Jul 2018 20:09

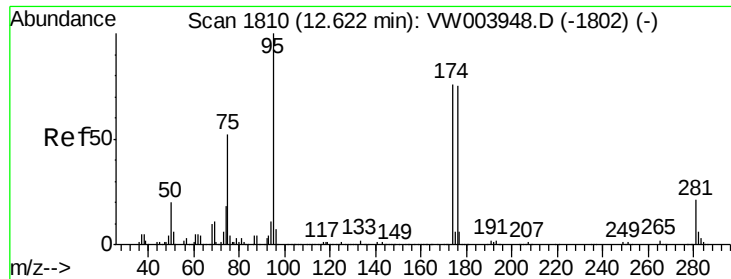
Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

43 100

58 0.0 26.0 78.0#

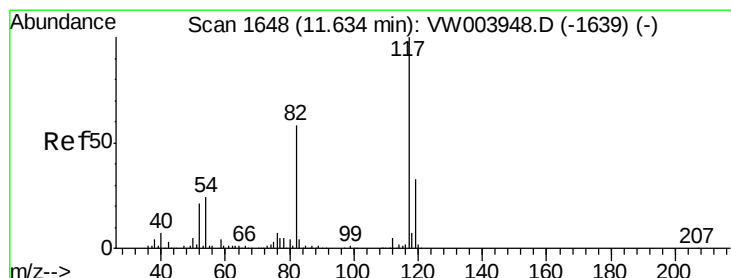
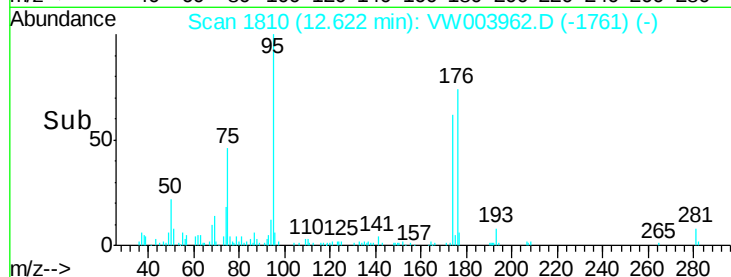
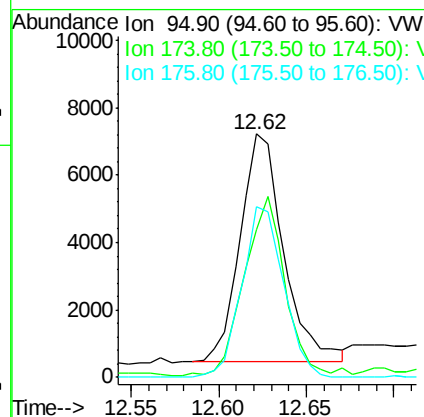
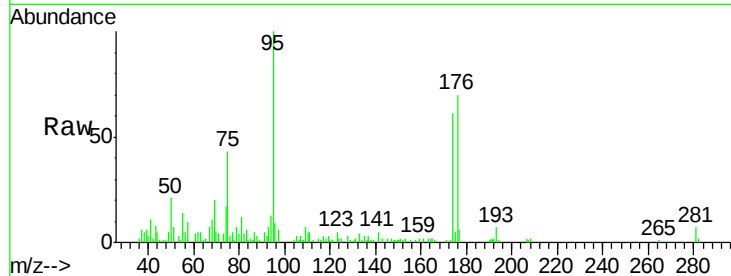




#62
4-Bromofluorobenzene
Concen: 52.050 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

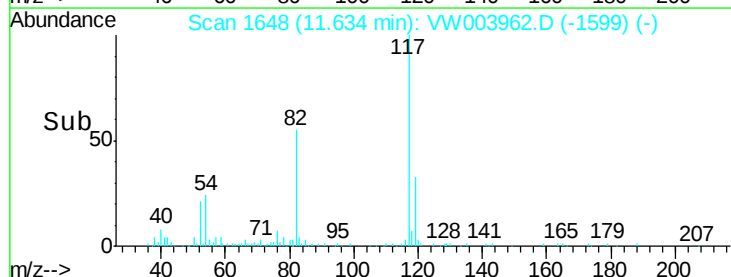
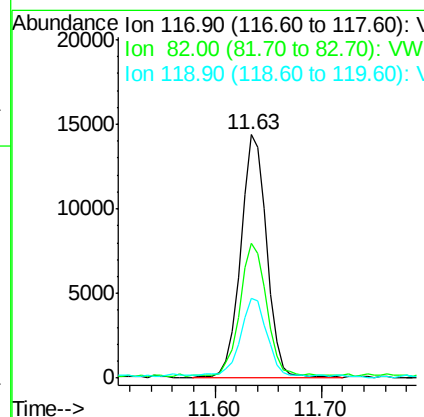
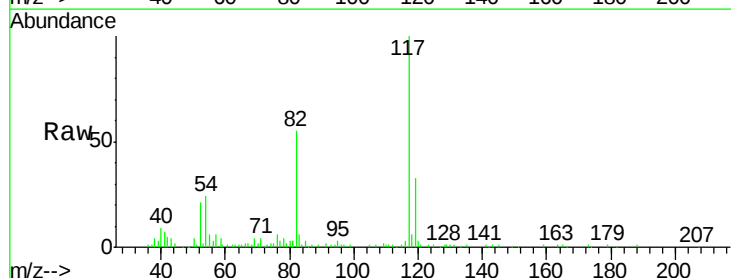
Instrument :
MSVOA_W
ClientSampled :

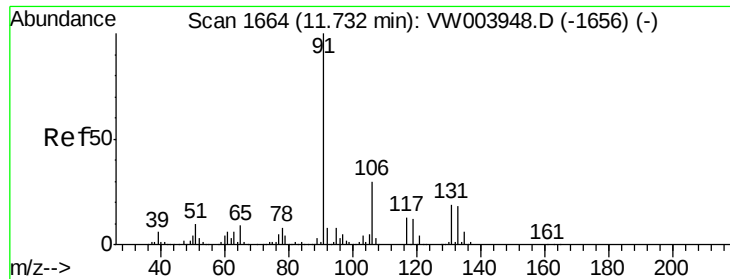
Tot Ion: 95 Resp: 11715
Ion Ratio Lower Upper
95 100
174 72.4 0.0 160.2
176 71.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Tgt Ion: 117 Resp: 24902
Ion Ratio Lower Upper
117 100
82 54.2 46.5 69.7
119 31.7 26.2 39.2

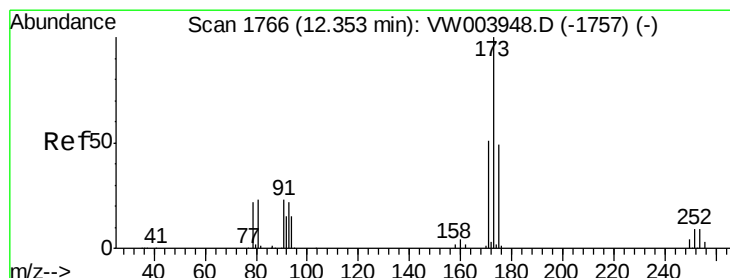
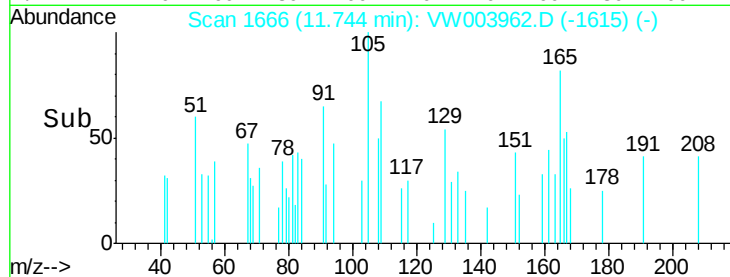
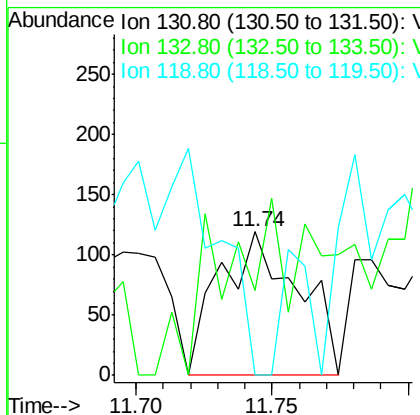
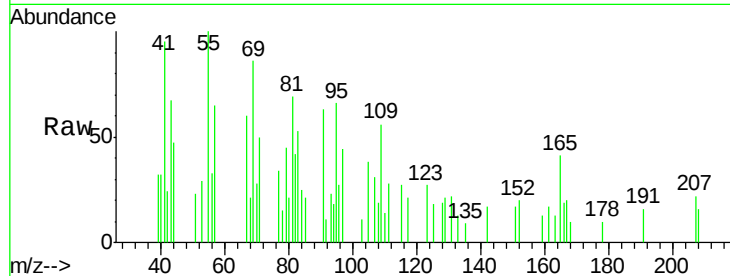




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.299 ug/l
 RT: 11.74 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

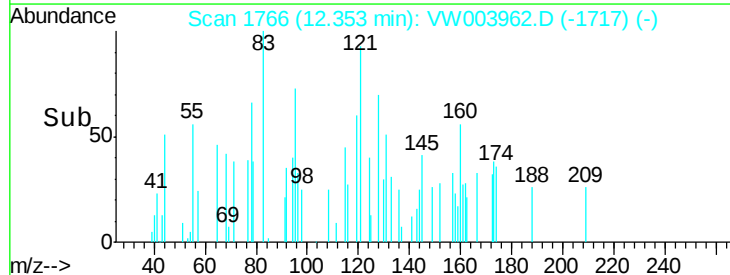
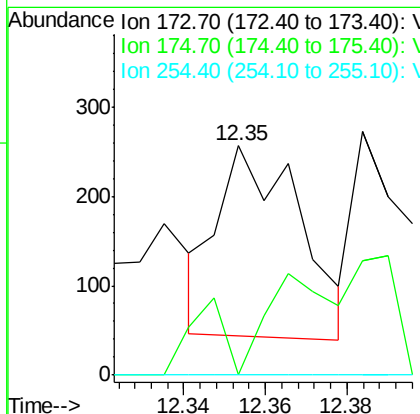
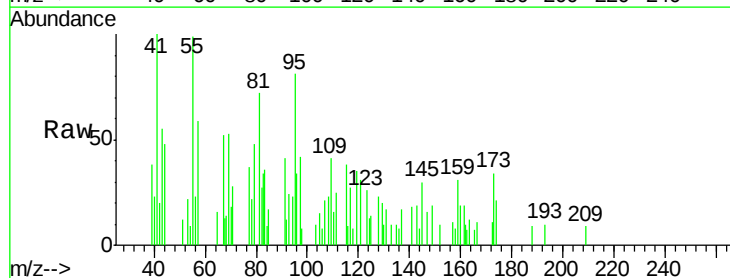
Instrument :
 MSVOA_W
 ClientSampleId :

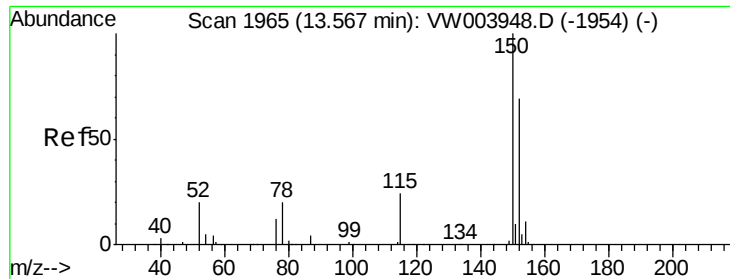
Tot Ion:131 Resp: 239
 Ion Ratio Lower Upper
 131 100
 133 96.7 47.9 143.8
 119 0.0 32.5 97.5#



#71
 Bromoform
 Concen: 2.878 ug/l
 RT: 12.35 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Tgt Ion:173 Resp: 299
 Ion Ratio Lower Upper
 173 100
 175 17.1 24.4 73.2#
 254 0.0 0.1 0.1#



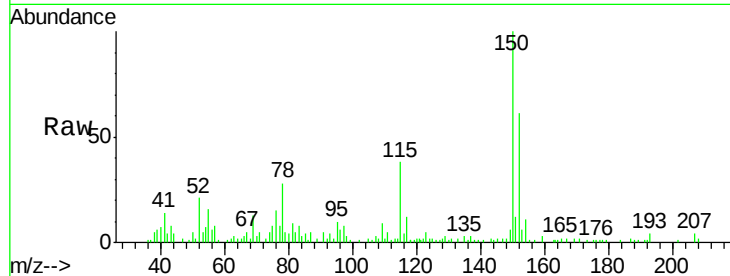


#72

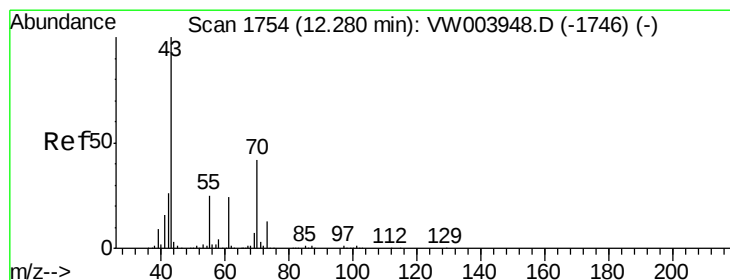
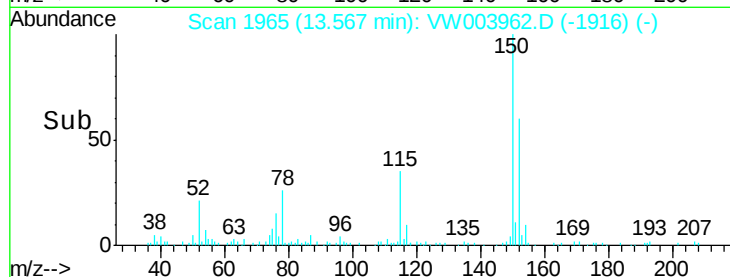
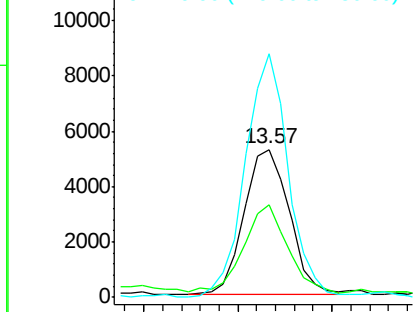
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 8708
Ion Ratio Lower Upper
152 100
115 59.7 29.2 87.6
150 159.6 0.0 345.2



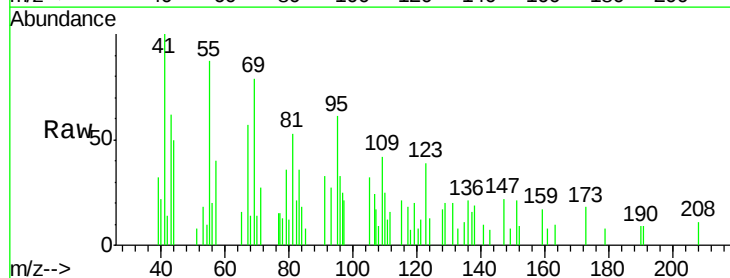
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



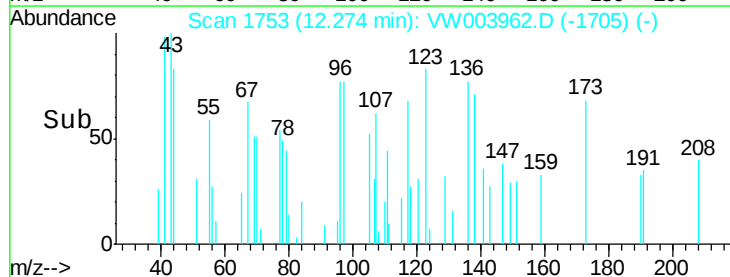
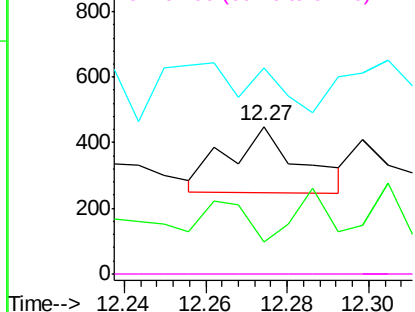
#74

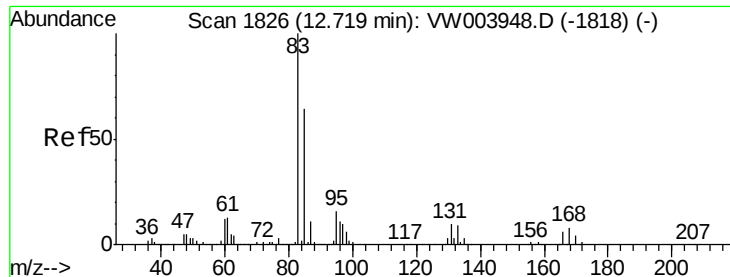
N-ethyl acetate
Concen: 1.553 ug/l
RT: 12.27 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
70 34.5 31.6 47.4
55 125.7 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: 4.000 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampleId :

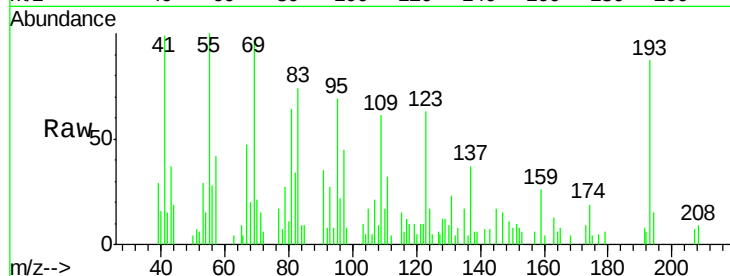
Tot Ion: 83 Resp: 476

Ion Ratio Lower Upper

83 100

131 36.3 5.3 15.8#

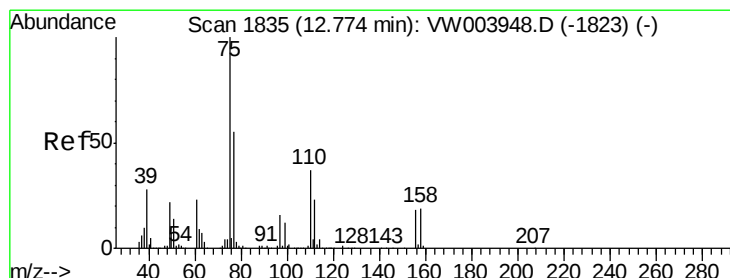
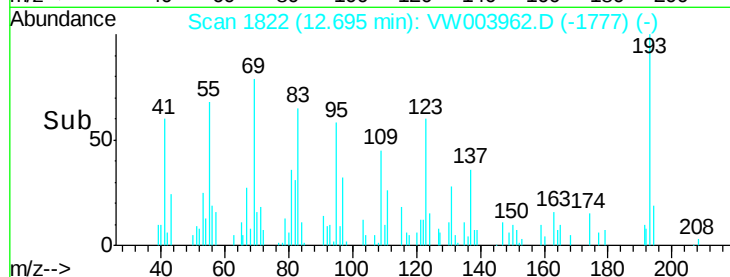
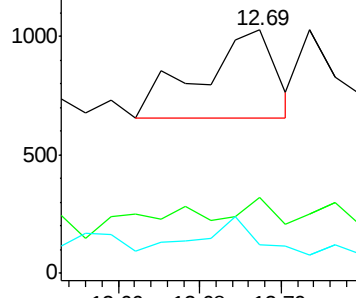
85 32.6 32.2 96.6



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: 61.527 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003962.D

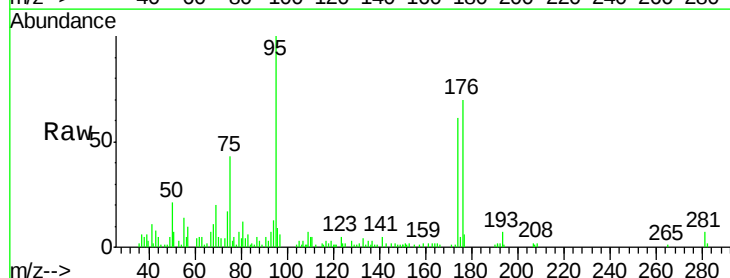
Acq: 16 Jul 2018 20:09

Tgt Ion: 75 Resp: 5319

Ion Ratio Lower Upper

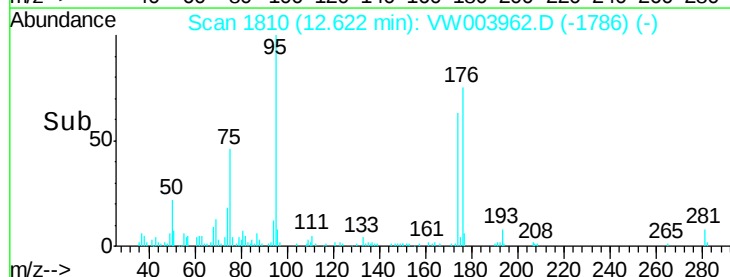
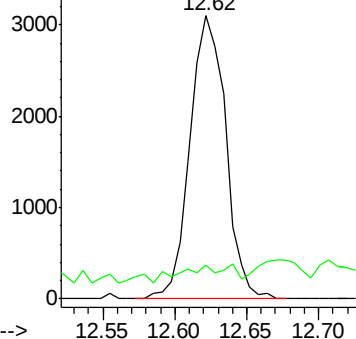
75 100

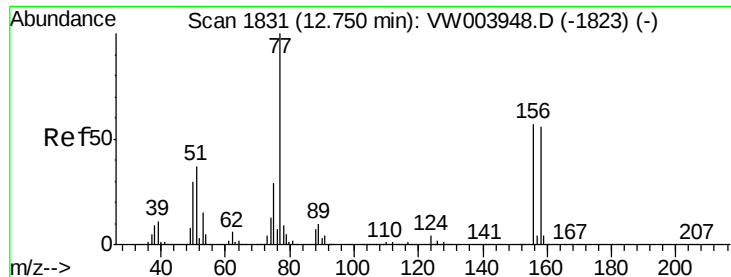
77 8.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 15.573 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.15 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

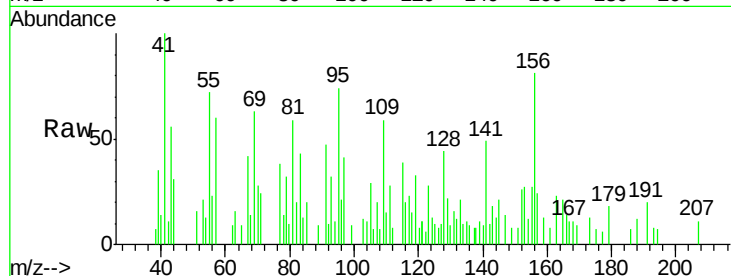
Tot Ion:156 Resp: 2293

Ion Ratio Lower Upper

156 100

77 6.2 96.2 288.6#

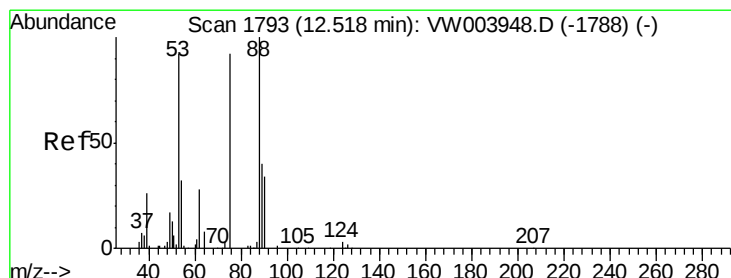
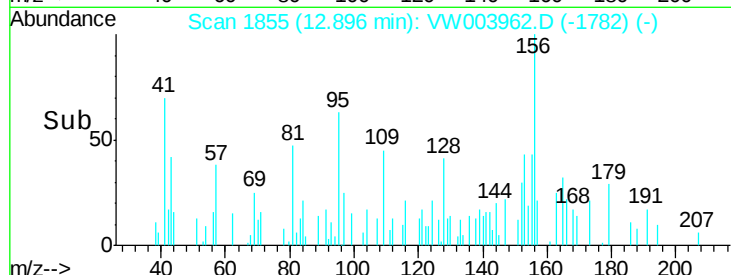
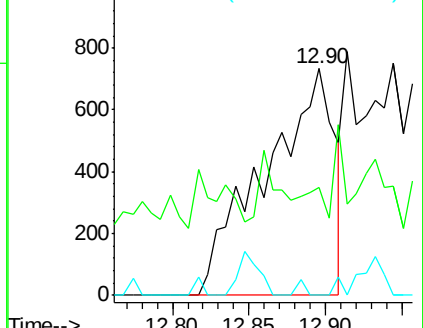
158 0.0 48.5 145.5#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 136.095 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

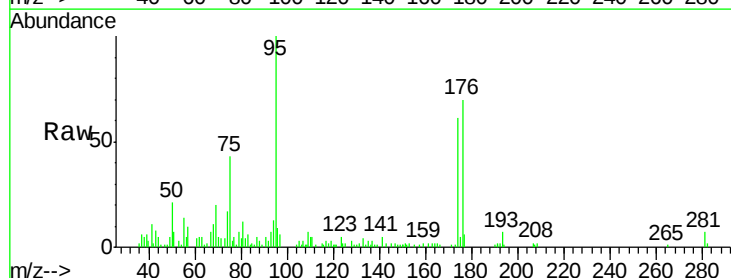
Tgt Ion: 75 Resp: 5319

Ion Ratio Lower Upper

75 100

53 3.7 77.6 116.4#

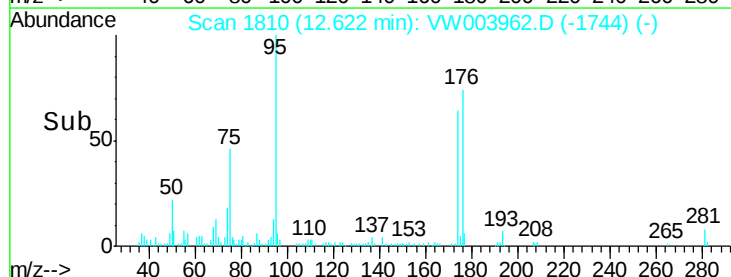
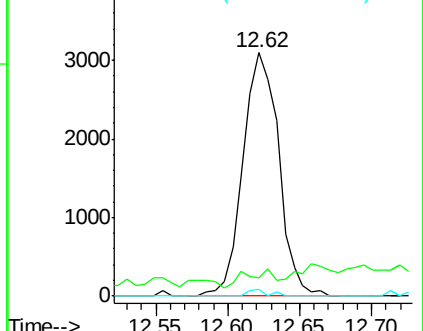
89 1.6 36.6 54.8#

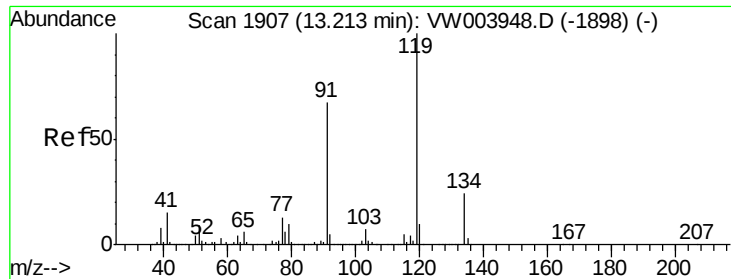


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

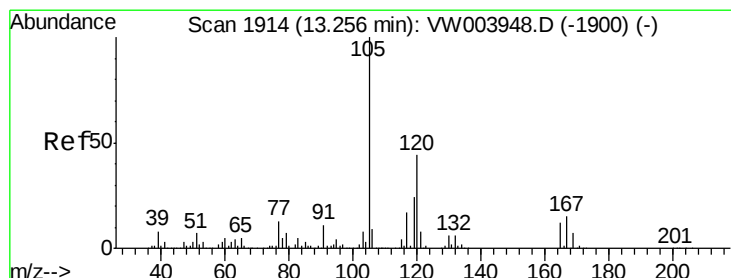
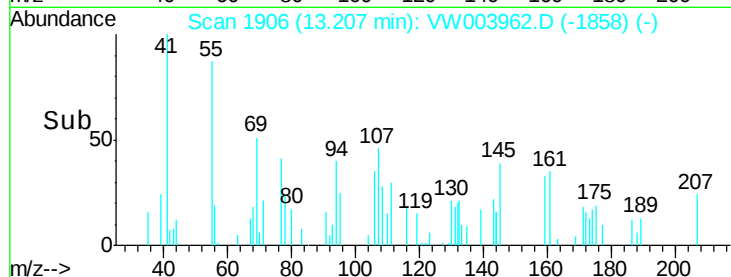
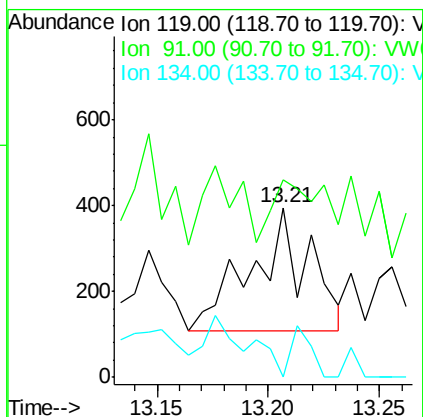
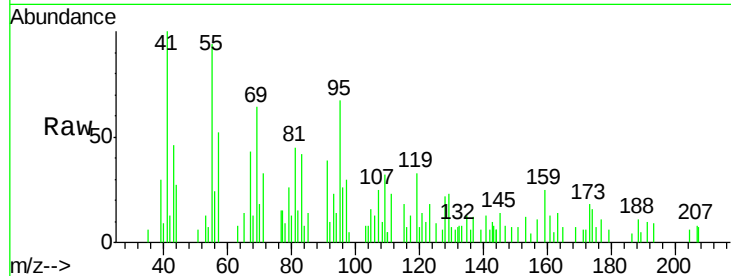




#83
tert-Butylbenzene
Concen: 1.203 ug/l
RT: 13.21 min Scan# 1906
Delta R.T. -0.01 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

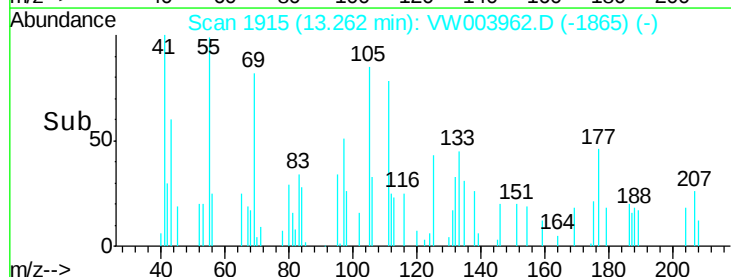
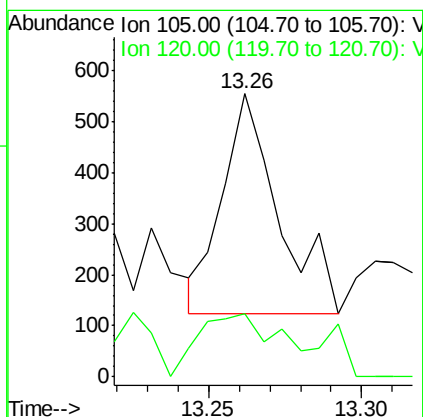
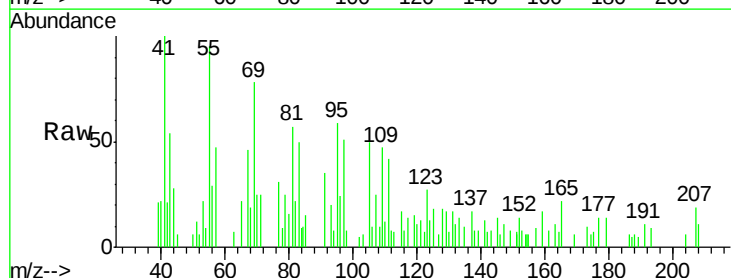
Instrument :
MSVOA_W
ClientSampled :

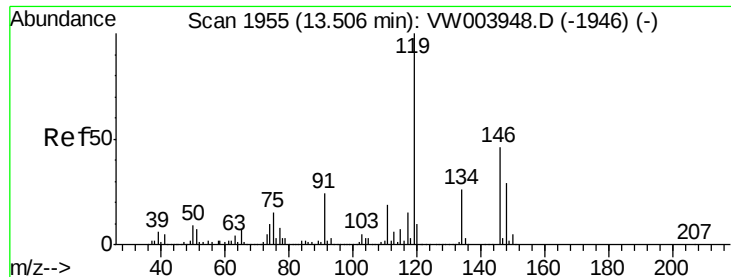
Tot Ion:119 Resp: 523
Ion Ratio Lower Upper
119 100
91 43.6 33.2 99.6
134 13.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 1.030 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW003962.D
Acq: 16 Jul 2018 20:09

Tgt Ion:105 Resp: 549
Ion Ratio Lower Upper
105 100
120 51.5 22.1 66.1

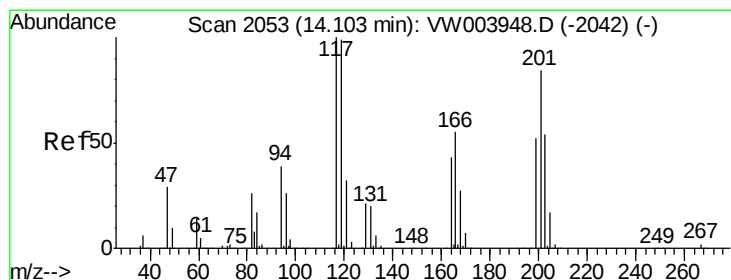
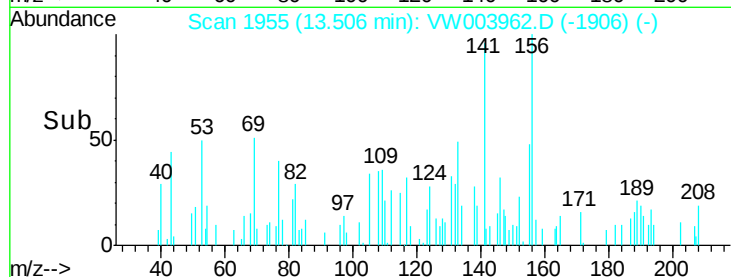
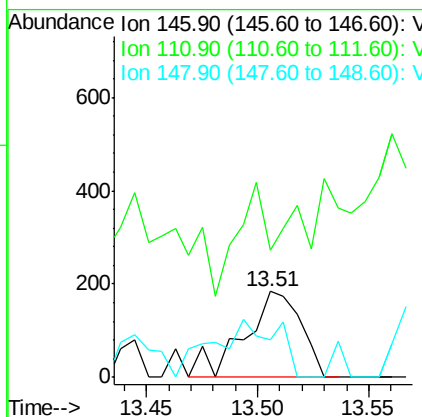
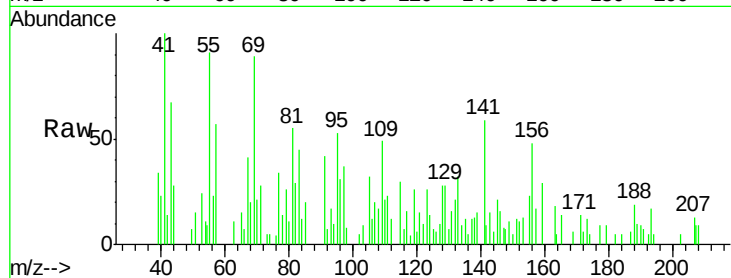




#87
 1,3-Dichlorobenzene
 Concen: 1.102 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

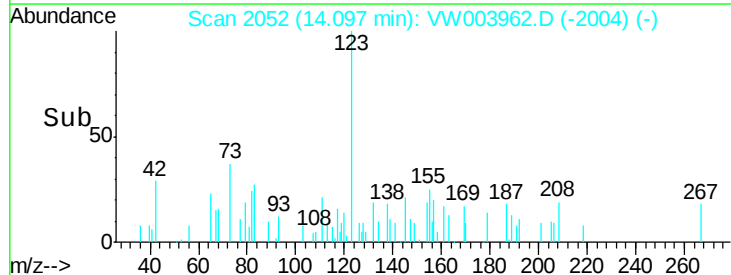
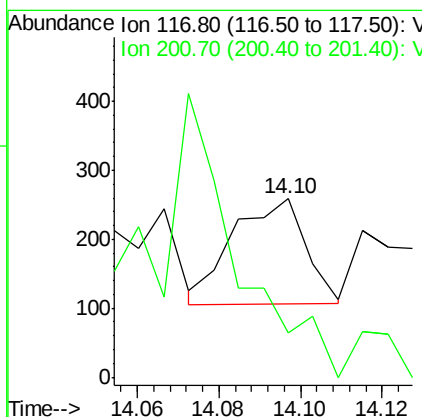
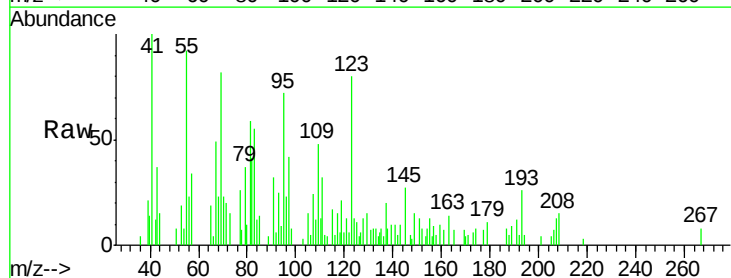
Instrument :
 MSVOA_W
 ClientSampled :

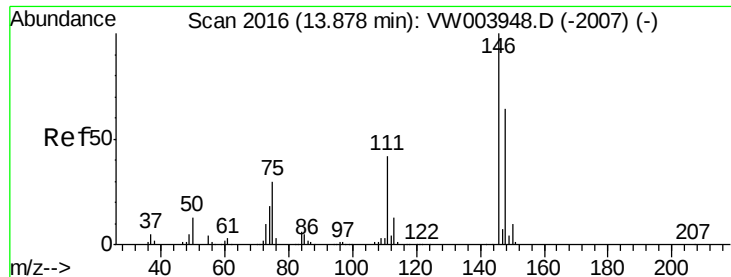
Tot Ion:146 Resp: 324
 Ion Ratio Lower Upper
 146 100
 111 84.9 19.9 59.6#
 148 76.5 31.9 95.5



#90
 Hexachloroethane
 Concen: 1.822 ug/l
 RT: 14.10 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Tgt Ion:117 Resp: 190
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.3 120.9#





#91

1,2-Dichlorobenzene

Concen: 1.008 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

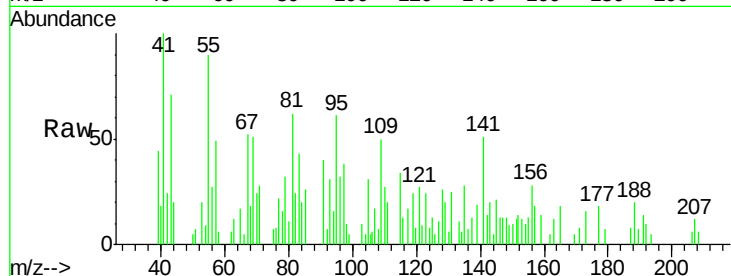
Tot Ion:146 Resp: 264

Ion Ratio Lower Upper

146 100

111 0.0 20.7 62.1#

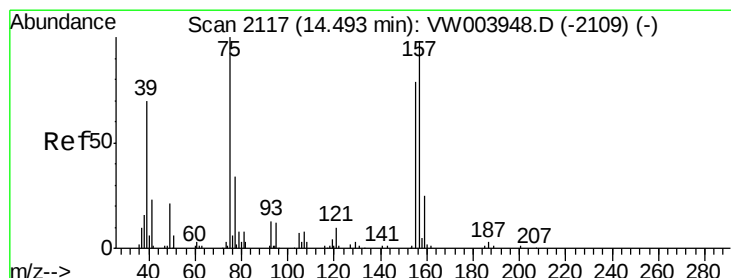
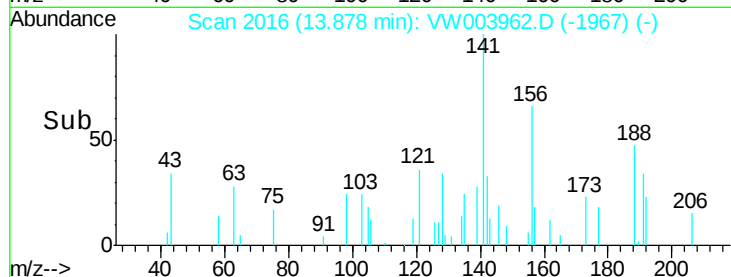
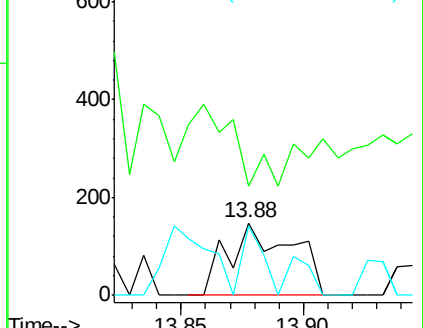
148 31.1 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.796 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW003962.D

Acq: 16 Jul 2018 20:09

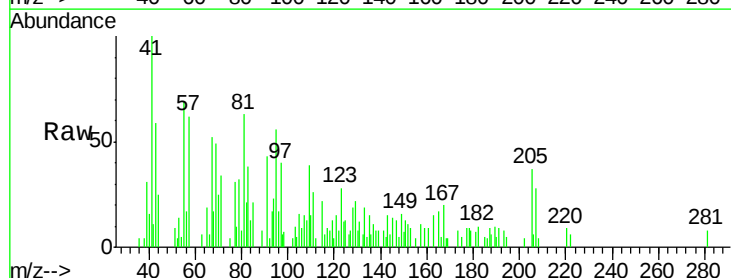
Tgt Ion: 75 Resp: 38

Ion Ratio Lower Upper

75 100

155 255.3 39.4 118.1#

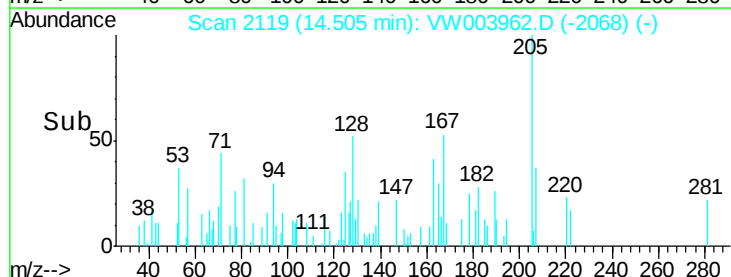
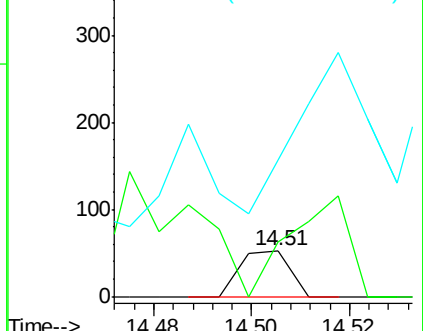
157 531.6 51.8 155.4#

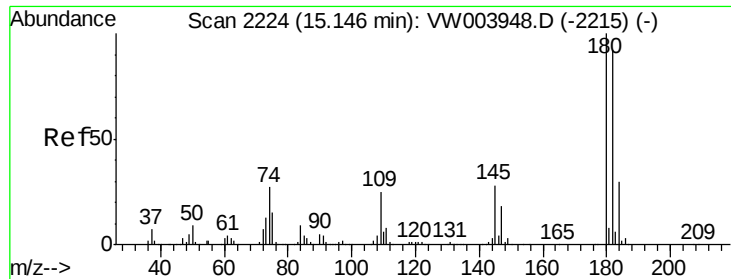


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

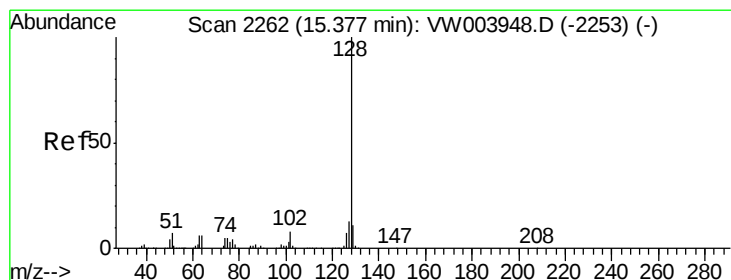
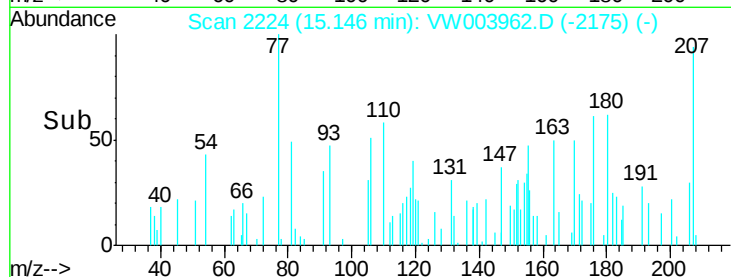
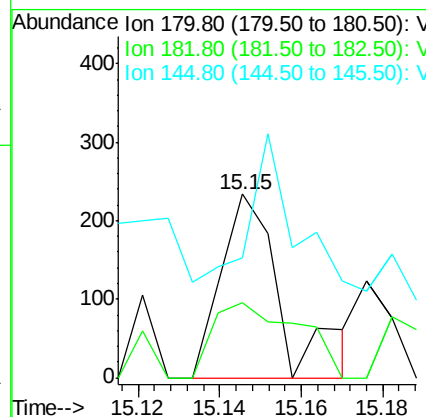
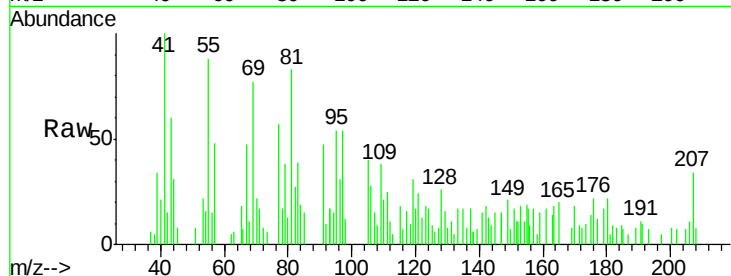




#93
 1,2,4-Trichlorobenzene
 Concen: 1.315 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 242
 Ion Ratio Lower Upper
 180 100
 182 57.9 46.9 140.8
 145 63.2 15.0 45.0#



#95
 Naphthalene
 Concen: 2.509 ug/l
 RT: 15.38 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VW003962.D
 Acq: 16 Jul 2018 20:09

Tgt Ion:128 Resp: 852
 Ion Ratio Lower Upper
 128 100
 127 41.9 10.7 16.1#
 129 47.5 8.7 13.1#

