

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004015.D
 Acq On : 18 Jul 2018 06:28
 Operator : VA/AP
 Sample : J3819-01RE
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-ARE

Quant Time: Jul 18 07:44:26 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	36312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	56062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	35497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8647	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	31498	77.60	ug/l	0.00
Spiked Amount			Recovery	=	155.20%	
35) Dibromofluoromethane	7.88	113	25124	69.85	ug/l	0.00
Spiked Amount			Recovery	=	139.70%	
50) Toluene-d8	10.33	98	50908	36.47	ug/l	0.00
Spiked Amount			Recovery	=	72.94%	
62) 4-Bromofluorobenzene	12.63	95	10661	21.18	ug/l	0.00
Spiked Amount			Recovery	=	42.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	105	3.747	ug/l #	72
13) Acrolein	3.90	56	314	10.906	ug/l #	17
16) Acetone	4.13	43	10709	109.795	ug/l	89
18) Methyl Acetate	4.67	43	262	1.119	ug/l #	54
20) Methylene Chloride	4.91	84	4482	3.024	ug/l	93
25) 2-Butanone	7.19	43	1764	13.439	ug/l	95
29) Tetrahydrofuran	7.54	42	156	1.908	ug/l #	36
30) Chloroform	7.68	83	958	1.341	ug/l #	77
31) Cyclohexane	7.95	56	920	1.366	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	3290	5.704	ug/l #	47
37) Ethyl Acetate	7.19	43	1764	6.341	ug/l #	70
38) Carbon Tetrachloride	7.95	117	3764	6.984	ug/l #	19
48) Methyl methacrylate	9.42	41	5308	21.093	ug/l #	46
51) 4-Methyl-2-Pentanone	10.22	43	394	1.421	ug/l #	50
52) Toluene	10.39	92	4307	4.353	ug/l	98
56) Ethyl methacrylate	10.65	69	20	2.990	ug/l #	1
59) 2-Hexanone	10.98	43	616	3.153	ug/l	82
68) m/p-Xylenes	11.85	106	671	1.324	ug/l	85
69) o-Xylene	12.18	106	637	1.355	ug/l	100
74) N-amyl acetate	12.24	43	3559	22.354	ug/l #	54
76) 1,2,3-Trichloropropane	12.63	75	5483	63.871	ug/l #	100
77) Bromobenzene	12.95	156	9110	62.309	ug/l #	1
78) n-propylbenzene	12.81	91	1400	1.868	ug/l	95
79) 2-Chlorotoluene	12.95	91	551	1.303	ug/l	80
80) 1,3,5-Trimethylbenzene	12.95	105	2361	4.592	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.63	75	5483	141.281	ug/l #	11
82) 4-Chlorotoluene	12.95	91	551	1.214	ug/l	81
84) 1,2,4-Trimethylbenzene	13.26	105	11823	22.349	ug/l	98
85) sec-Butylbenzene	13.39	105	1442	2.251	ug/l	94
86) p-Isopropyltoluene	13.51	119	1187	2.113	ug/l	92
89) n-Butylbenzene	13.83	91	1410	2.553	ug/l #	67
90) Hexachloroethane	14.11	117	807	7.792	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.57	75	394	18.751	ug/l #	7
95) Naphthalene	15.38	128	4760	14.114	ug/l #	79

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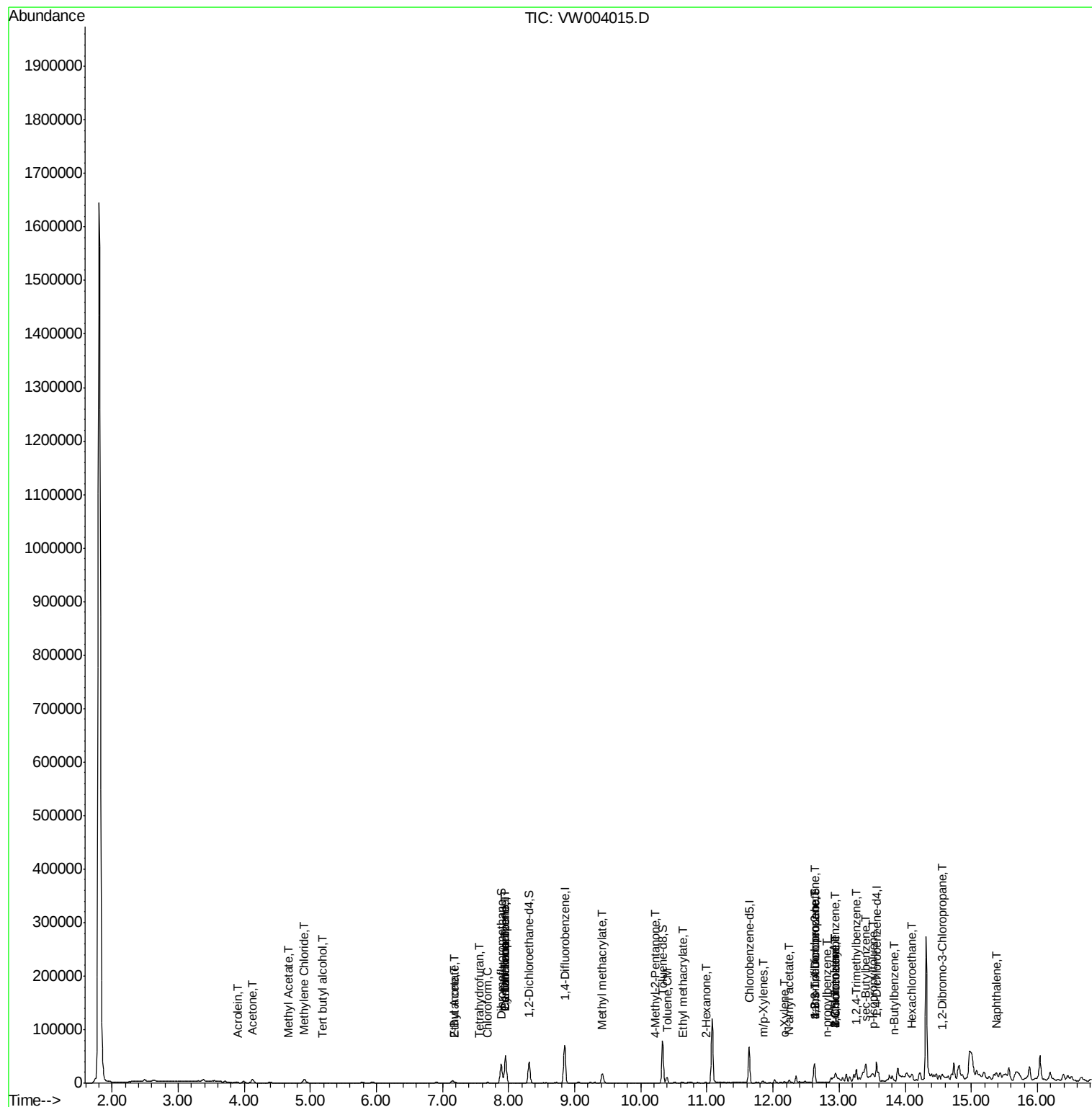
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

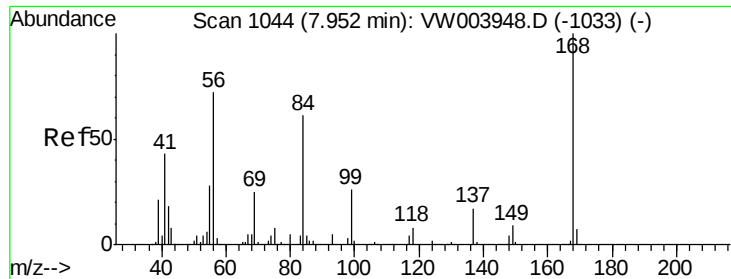
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

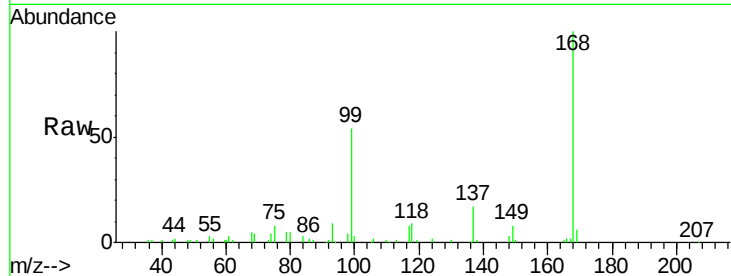
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tot Ion:168 Resp: 36312

Ion Ratio Lower Upper

168 100

99 54.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

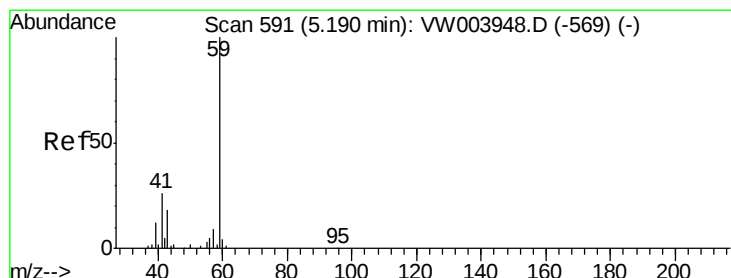
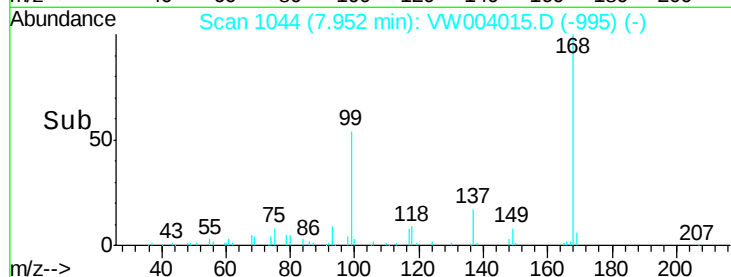
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 3.747 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.02 min

Lab File: VW004015.D

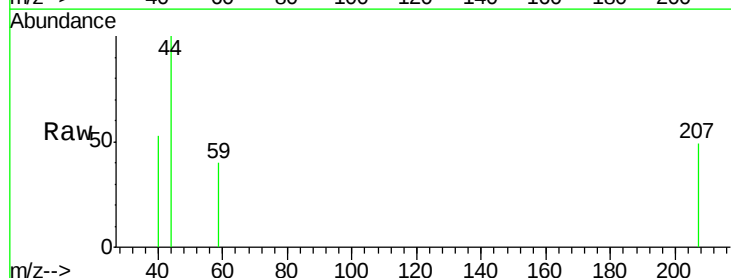
Acq: 18 Jul 2018 06:28

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

100

80

60

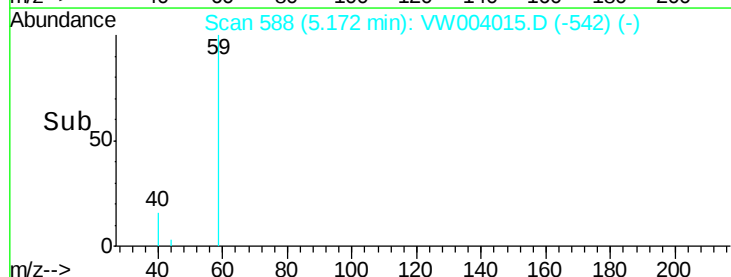
40

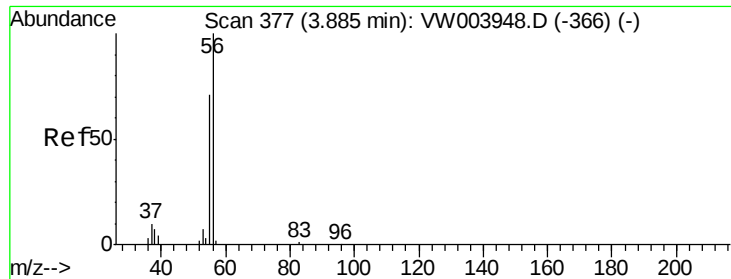
20

0

5.14 5.16 5.18 5.20

Time-->





#13

Acrolein

Concen: 10.906 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

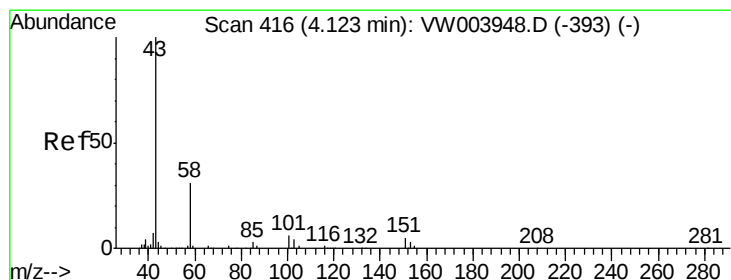
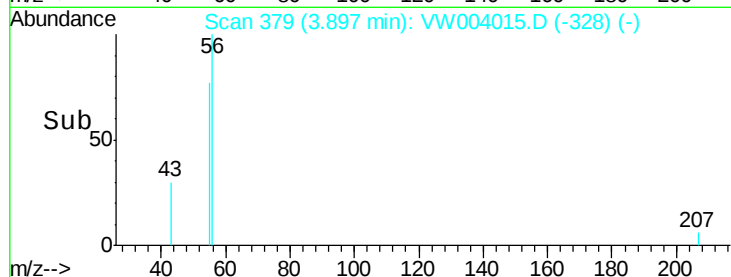
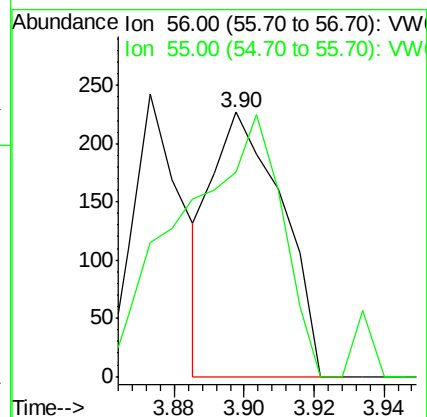
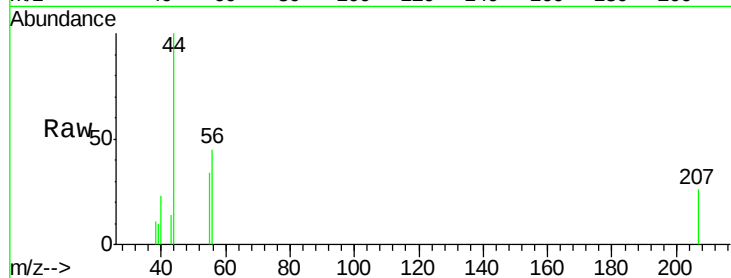
AU-05-071318-ARE

Tot Ion: 56 Resp: 314

Ion Ratio Lower Upper

56 100

55 142.7 58.2 87.4#



#16

Acetone

Concen: 109.795 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004015.D

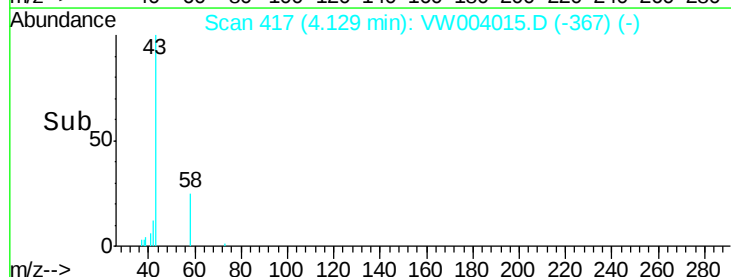
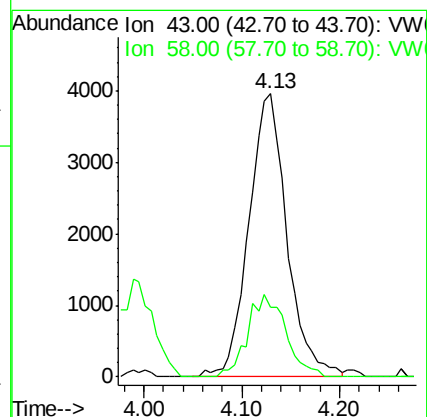
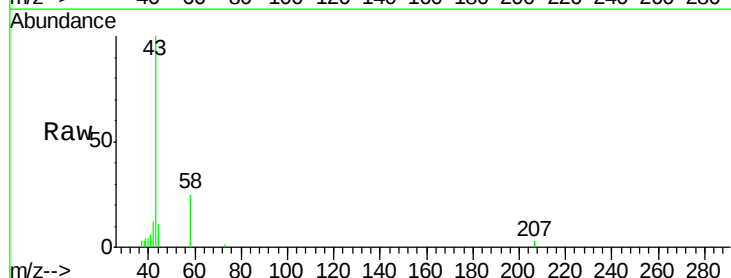
Acq: 18 Jul 2018 06:28

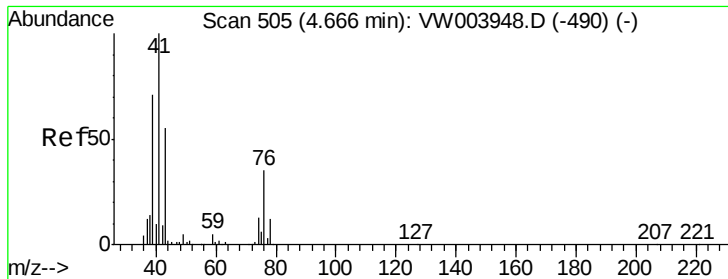
Tgt Ion: 43 Resp: 10709

Ion Ratio Lower Upper

43 100

58 24.5 24.5 36.7

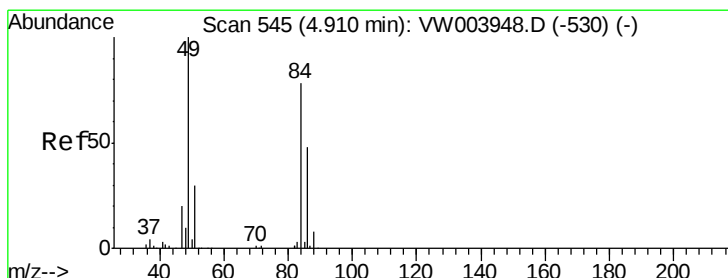
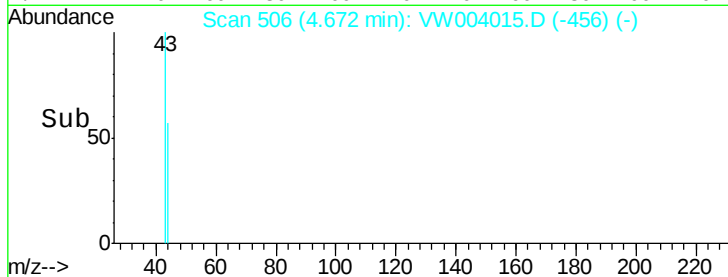
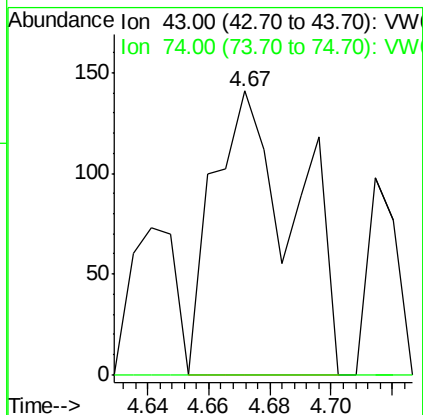
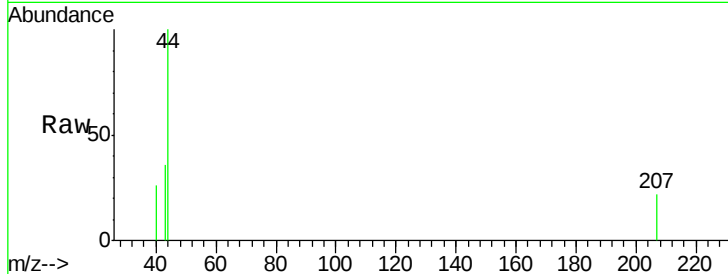




#18
Methyl Acetate
Concen: 1.119 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

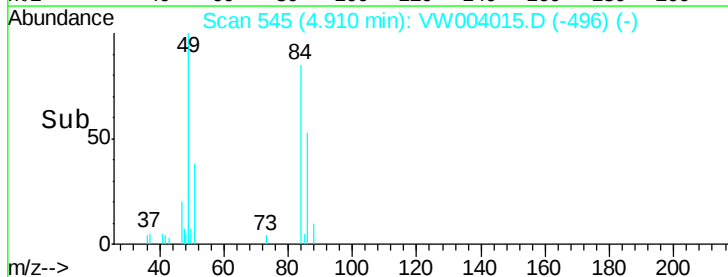
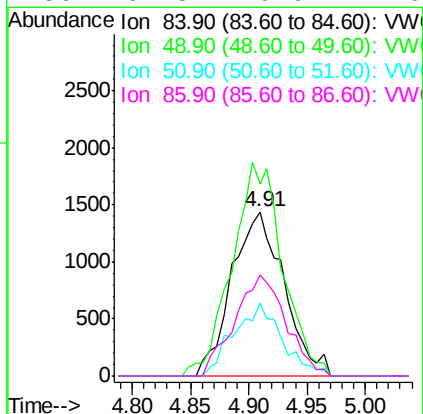
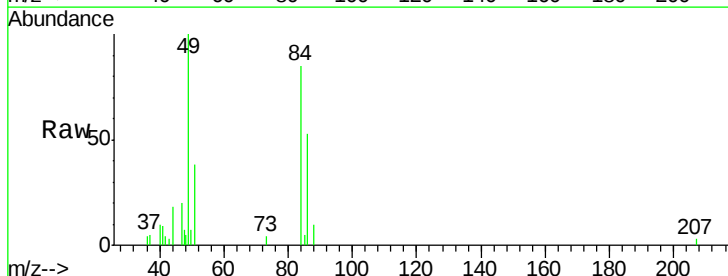
Instrument :
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AU-05-071318-ARE

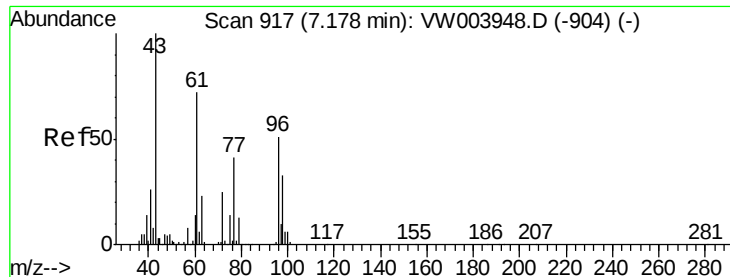
Tot Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 3.024 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 84 Resp: 4482
Ion Ratio Lower Upper
84 100
49 117.3 102.9 154.3
51 44.5 30.9 46.3
86 61.8 49.9 74.9





#25

2-Butanone

Concen: 13.439 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

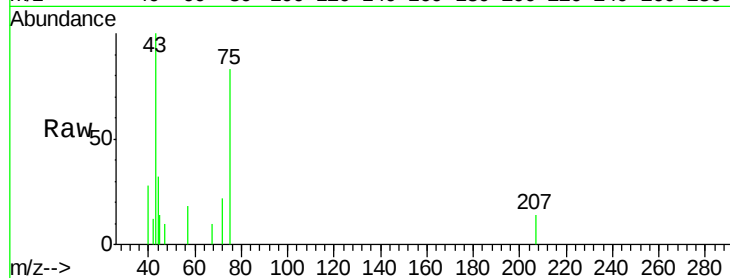
AU-05-071318-ARE

Tot Ion: 43 Resp: 1764

Ion Ratio Lower Upper

43 100

72 22.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.19

600

500

400

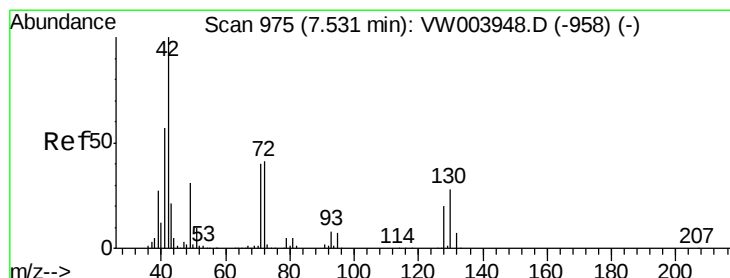
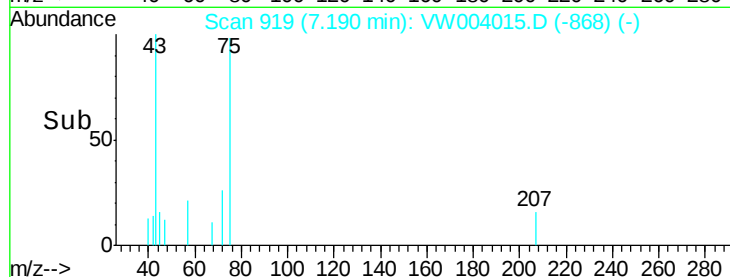
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 1.908 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

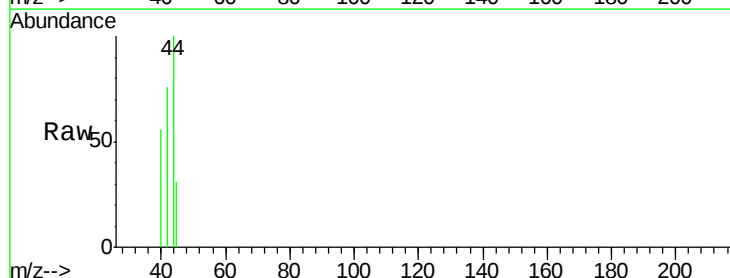
Tgt Ion: 42 Resp: 156

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

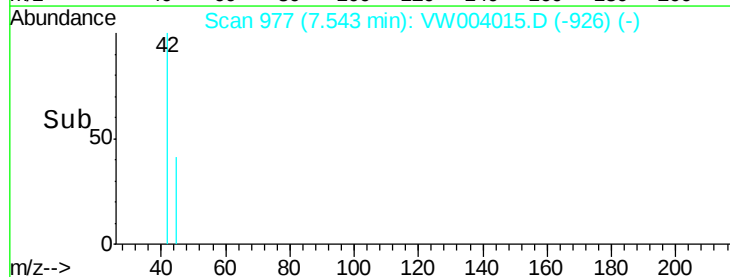
150

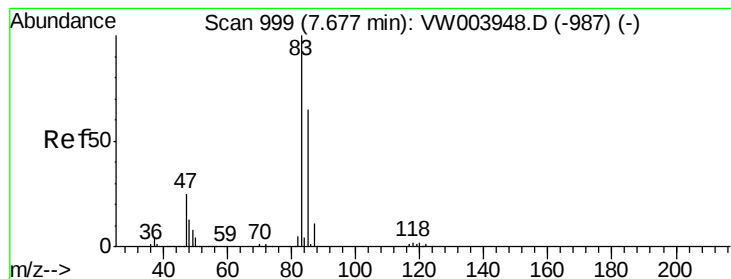
100

50

0

Time-->





#30

Chloroform

Concen: 1.341 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

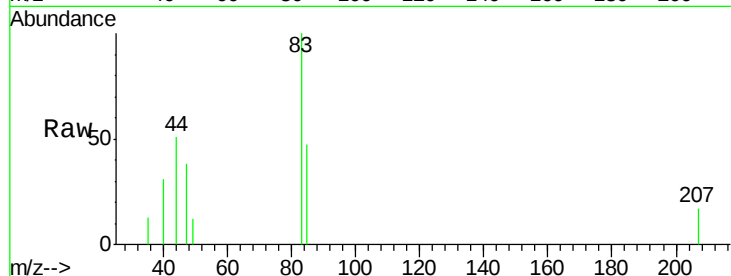
AU-05-071318-ARE

Tot Ion: 83 Resp: 958

Ion Ratio Lower Upper

83 100

85 47.3 52.2 78.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

7.68

500

400

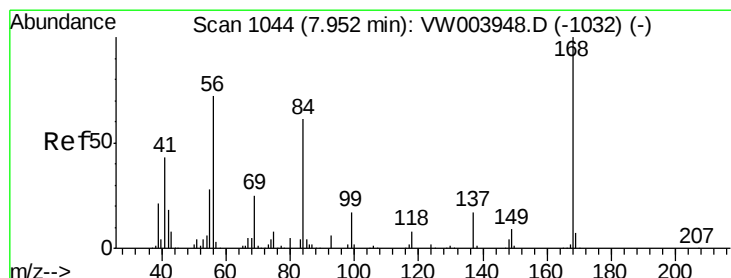
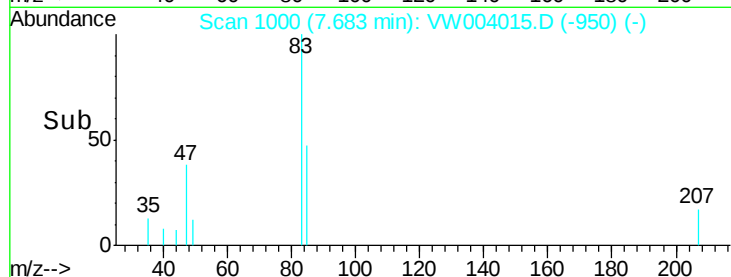
300

200

100

0

Time--> 7.60 7.65 7.70 7.75



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

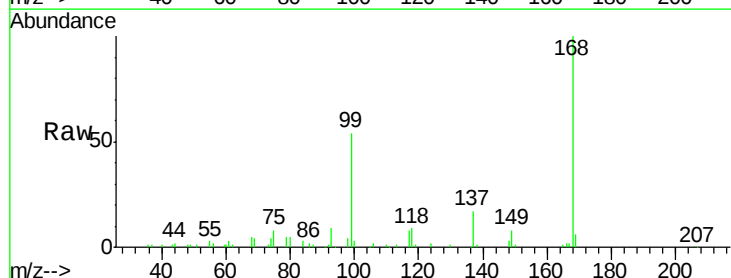
Tgt Ion: 56 Resp: 920

Ion Ratio Lower Upper

56 100

69 172.4 27.8 41.8#

84 136.3 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

1000

800

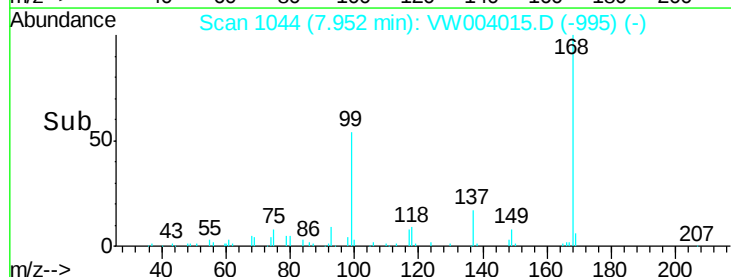
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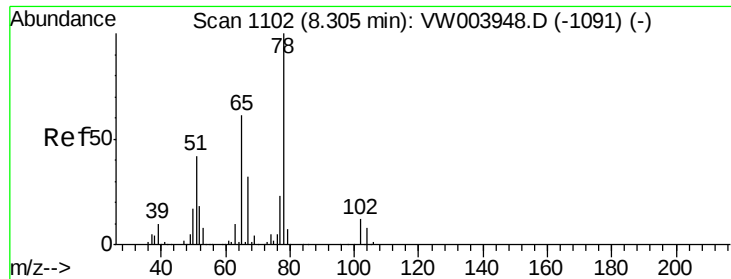
400

200

0

Time--> 7.90 7.95 8.00





#33

1,2-Dichloroethane-d4

Concen: 77.601 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004015.D

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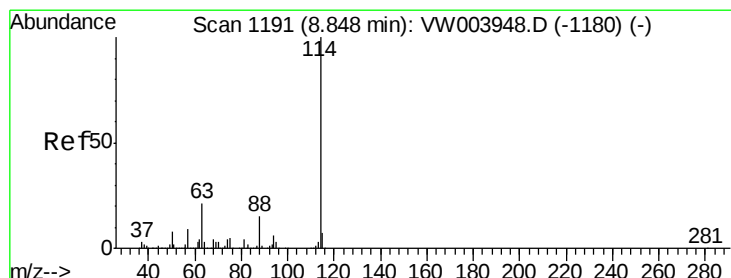
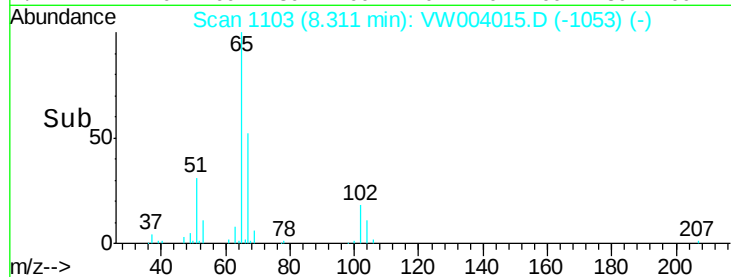
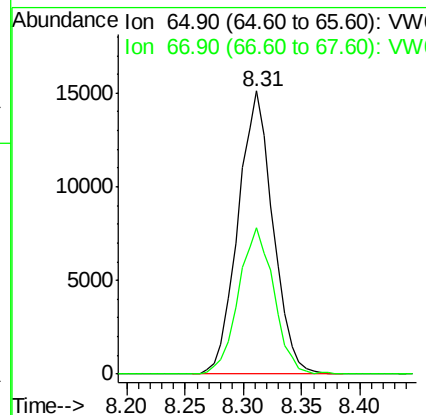
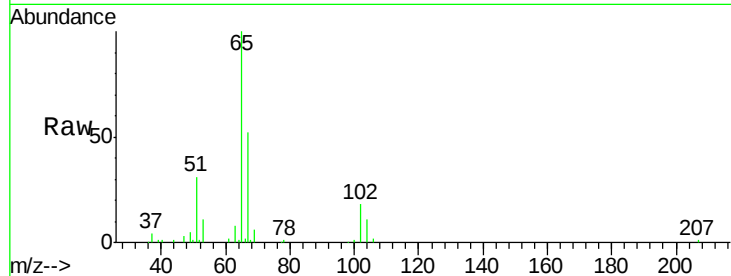
AU-05-071318-ARE

Tot Ion: 65 Resp: 31498

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

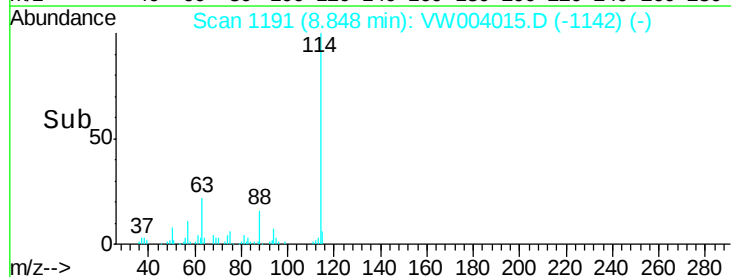
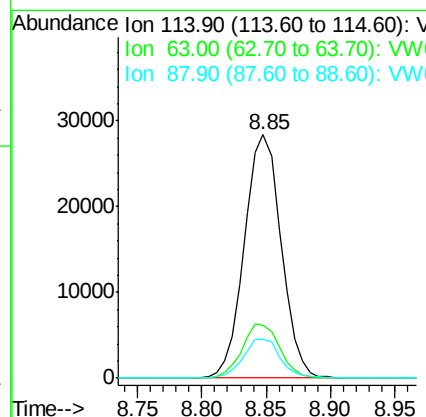
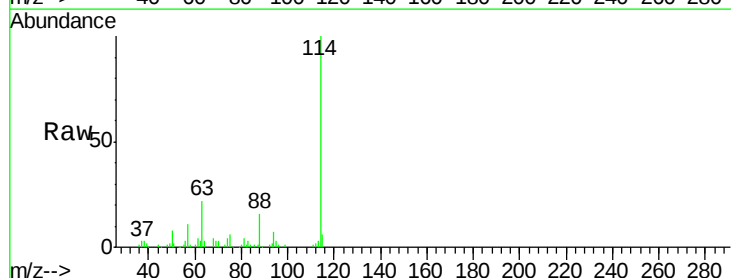
Tgt Ion: 114 Resp: 56062

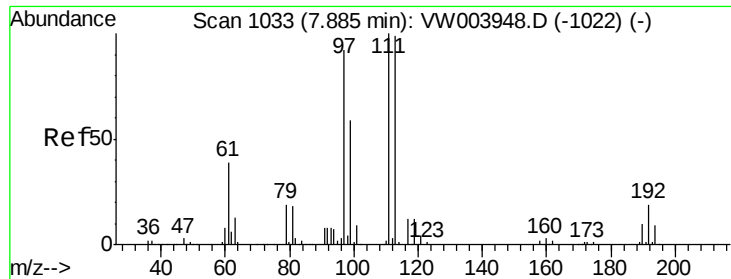
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

88 16.1 0.0 30.4

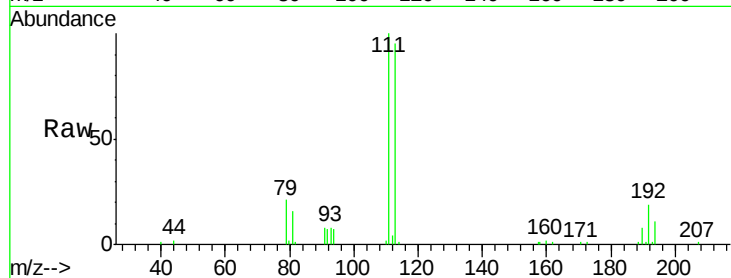




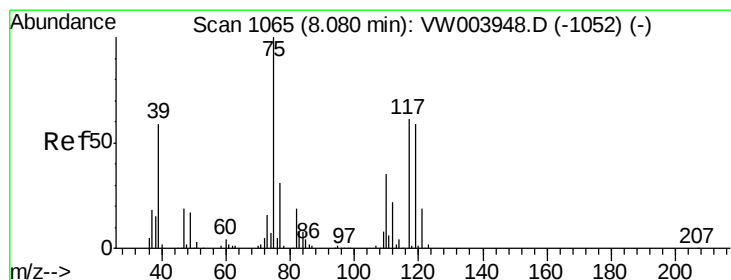
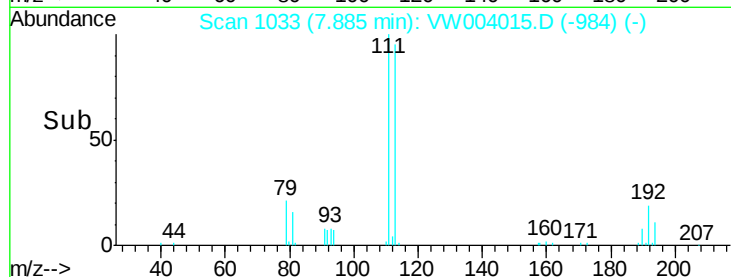
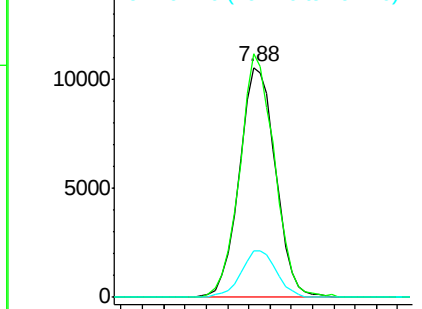
#35
 Dibromofluoromethane
 Concen: 69.846 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004015.D
 Acq: 18 Jul 2018 06:28

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-ARE

Tot Ion:113 Resp: 25124
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 19.8 15.8 23.6

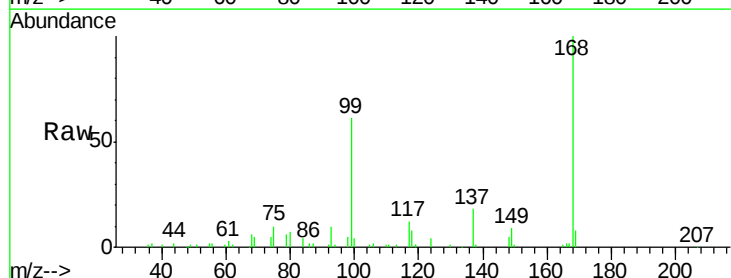


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

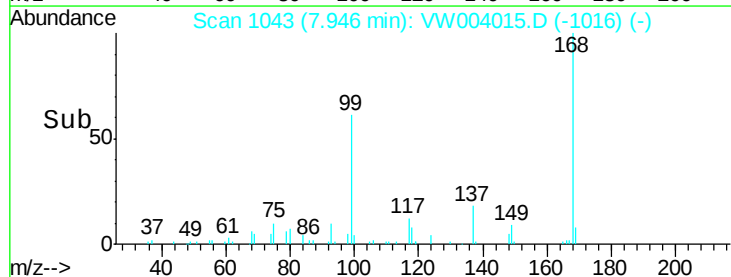
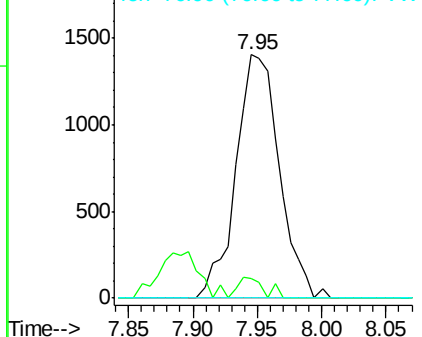


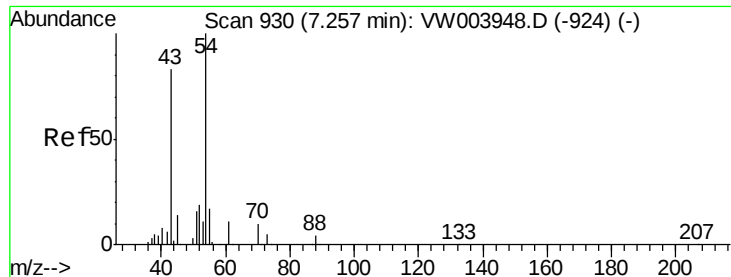
#36
 1,1-Dichloropropene
 Concen: 5.704 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004015.D
 Acq: 18 Jul 2018 06:28

Tgt Ion: 75 Resp: 3290
 Ion Ratio Lower Upper
 75 100
 110 5.2 17.0 51.0#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

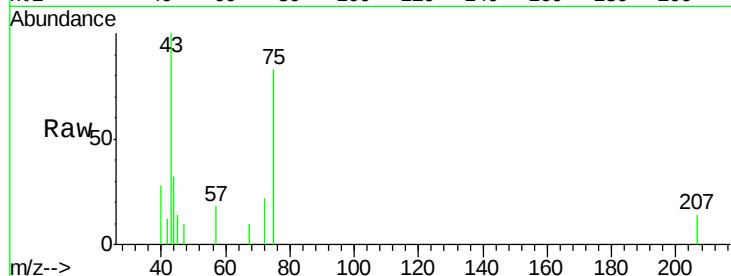




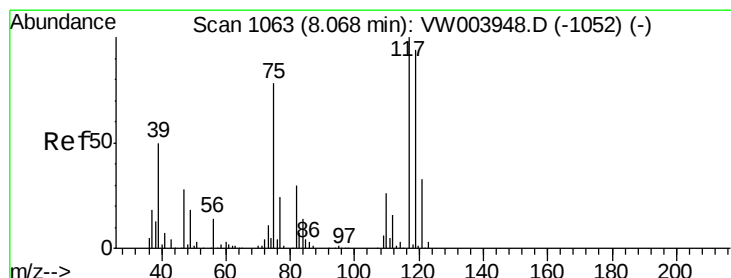
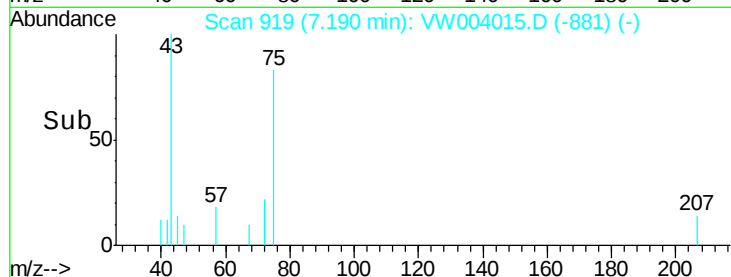
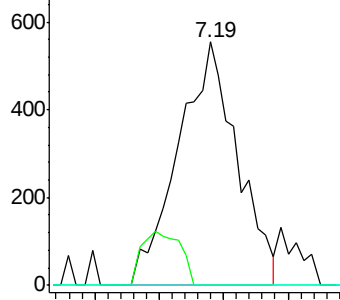
#37
Ethyl Acetate
Concen: 6.341 ug/l
RT: 7.19 min Scan# 919
Delta R.T. -0.07 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tot Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#

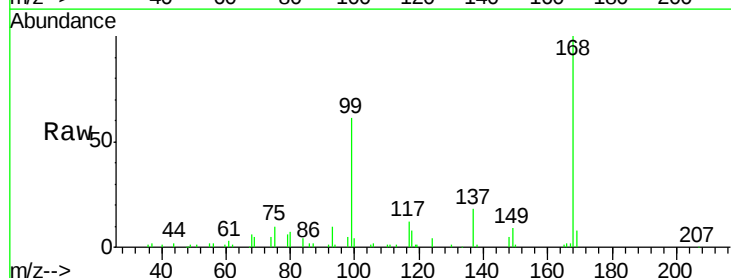


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

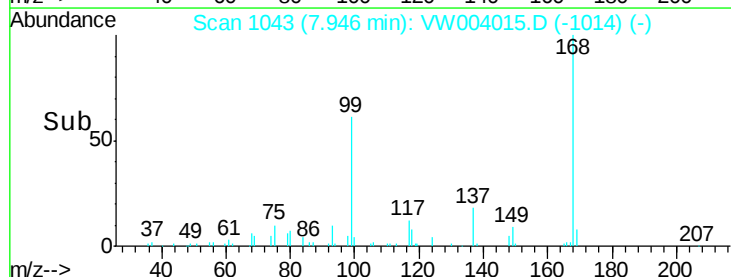
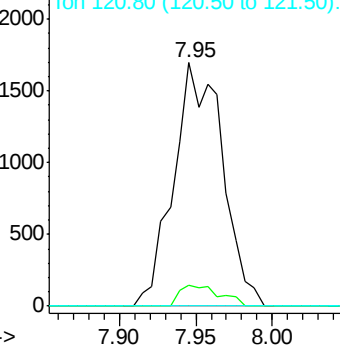


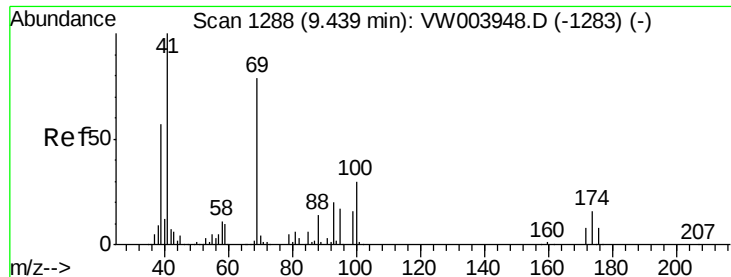
#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 117 Resp: 3764
Ion Ratio Lower Upper
117 100
119 8.7 75.3 112.9#
121 0.0 26.0 39.0#



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

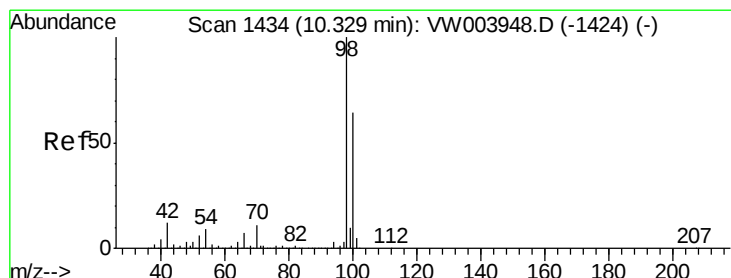
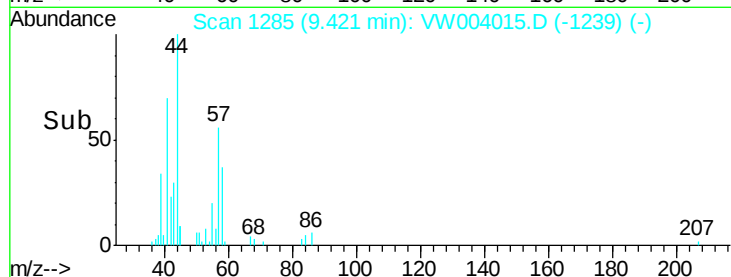
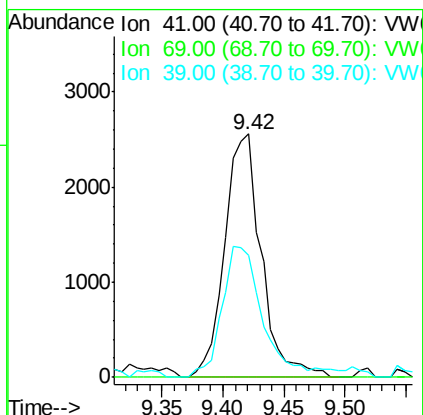
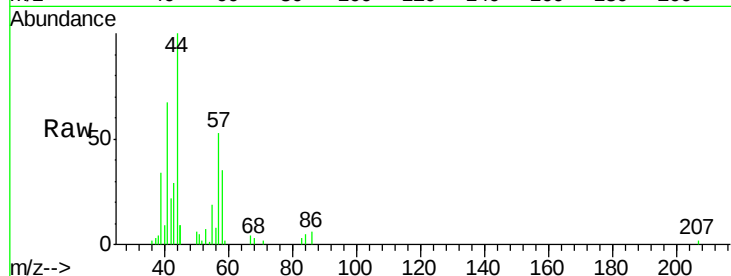




#48
Methyl methacrylate
Concen: 21.093 ug/l
RT: 9.42 min Scan# 1285
Delta R.T. -0.02 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

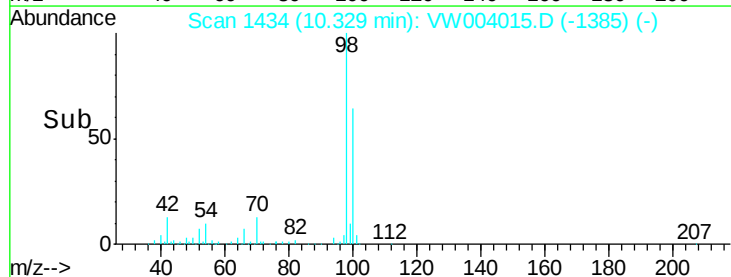
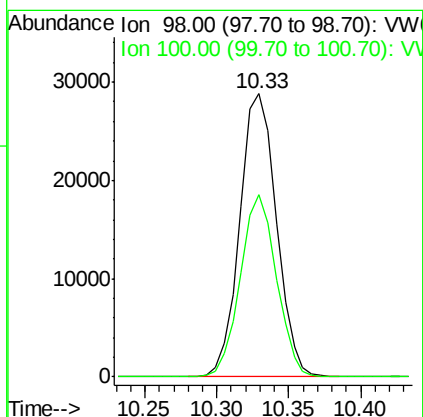
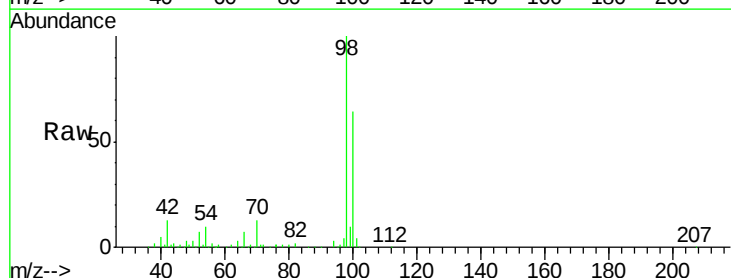
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

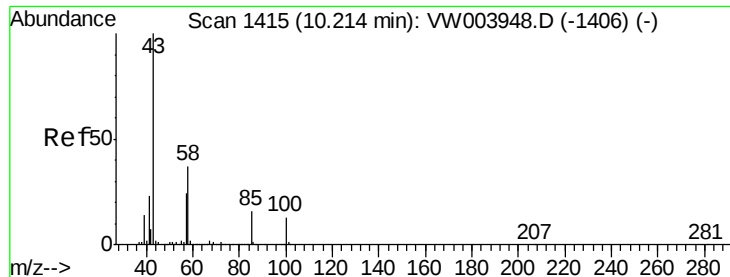
Tot Ion: 41 Resp: 5308
Ion Ratio Lower Upper
41 100
69 0.0 67.0 100.6#
39 60.7 48.8 73.2



#50
Toluene-d8
Concen: 36.474 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 98 Resp: 50908
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.421 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

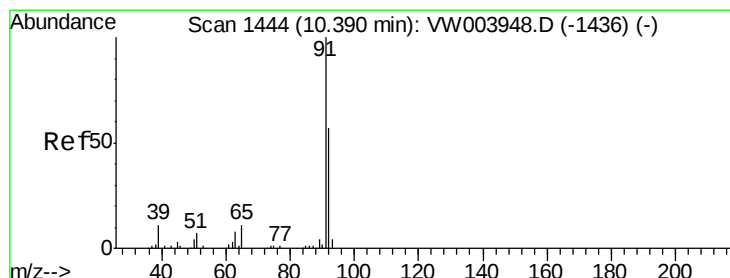
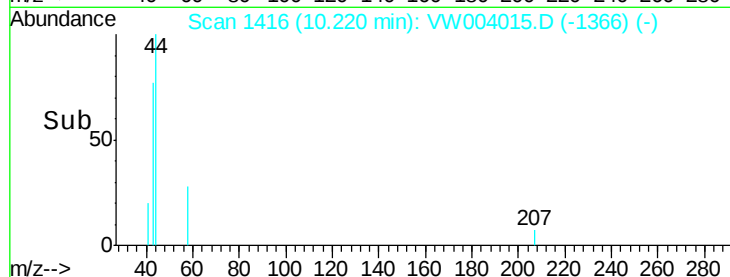
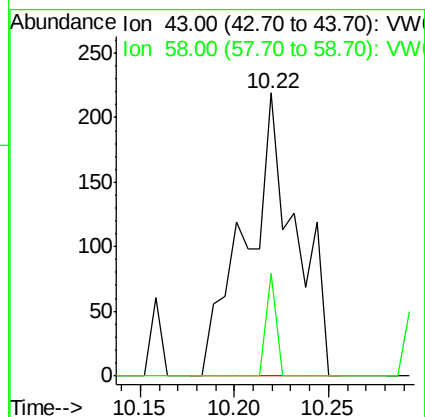
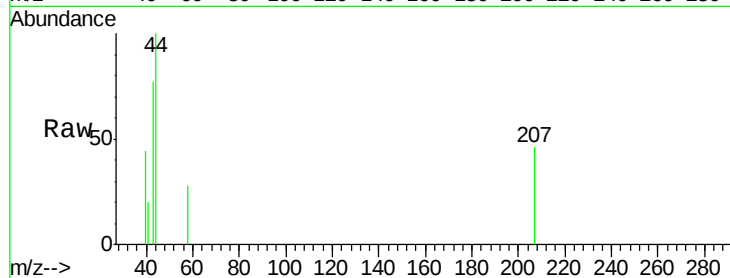
AU-05-071318-ARE

Tot Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

58 7.4 29.9 44.9#



#52

Toluene

Concen: 4.353 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004015.D

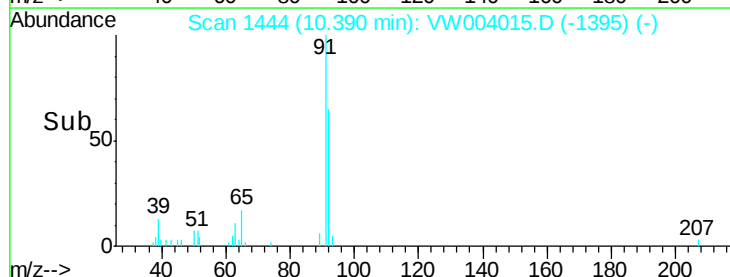
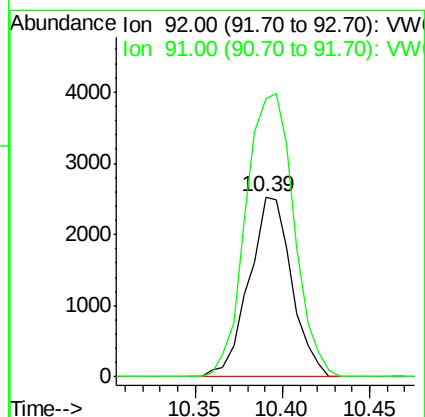
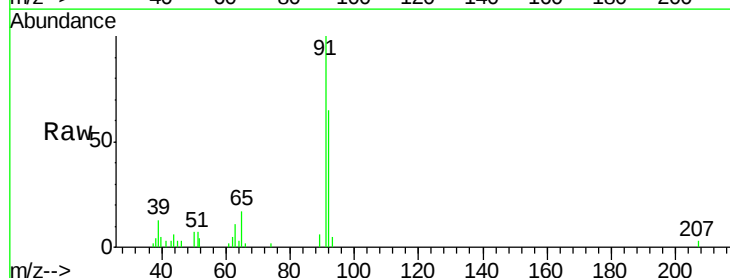
Acq: 18 Jul 2018 06:28

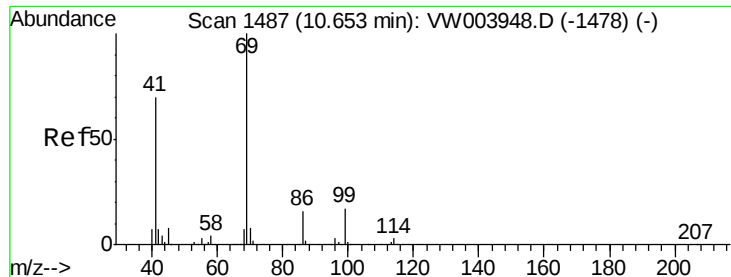
Tgt Ion: 92 Resp: 4307

Ion Ratio Lower Upper

92 100

91 177.8 139.6 209.4





#56

Ethyl methacrylate

Concen: 2.990 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-ARE

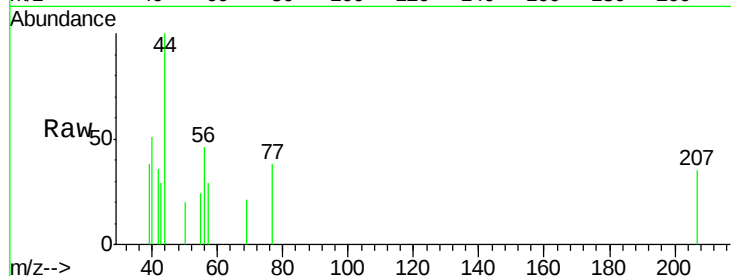
Tot Ion: 69 Resp: 20

Ion Ratio Lower Upper

69 100

41 710.0 56.5 84.7#

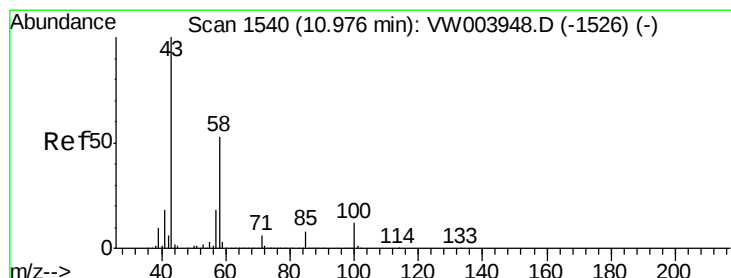
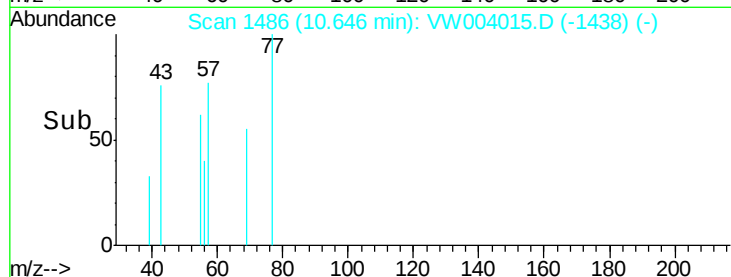
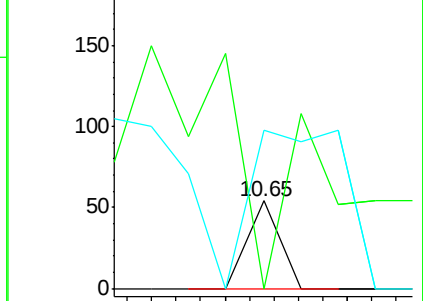
39 525.0 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 3.153 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.01 min

Lab File: VW004015.D

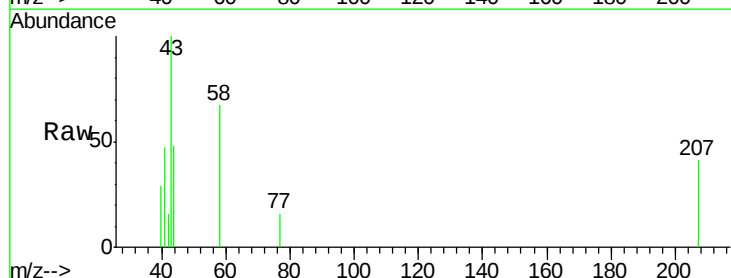
Acq: 18 Jul 2018 06:28

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

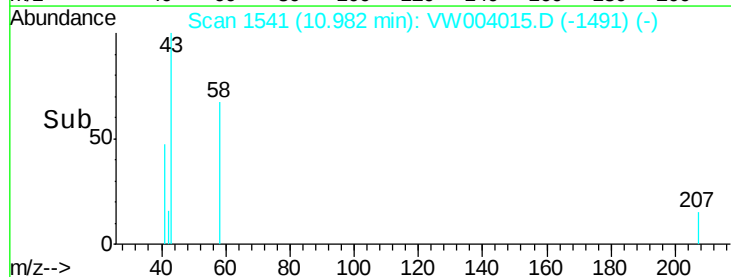
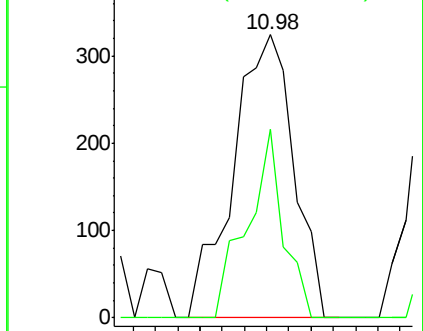
43 100

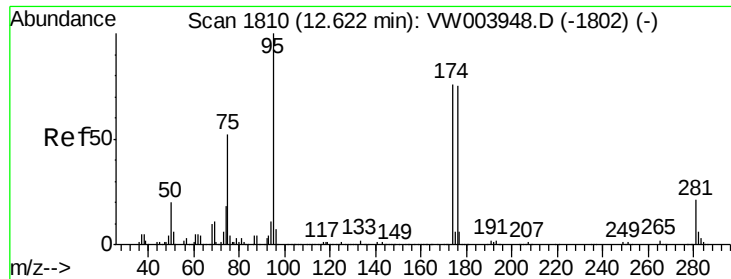
58 39.3 26.0 78.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

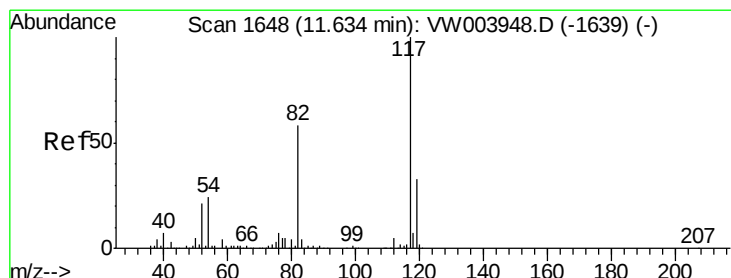
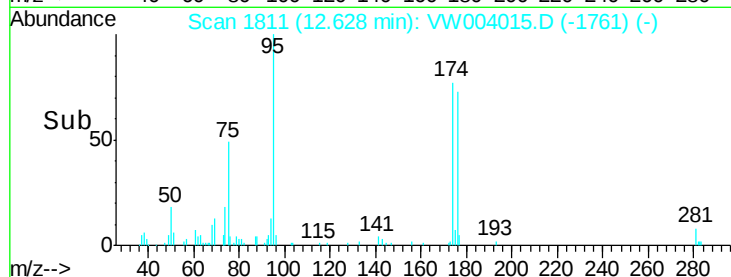
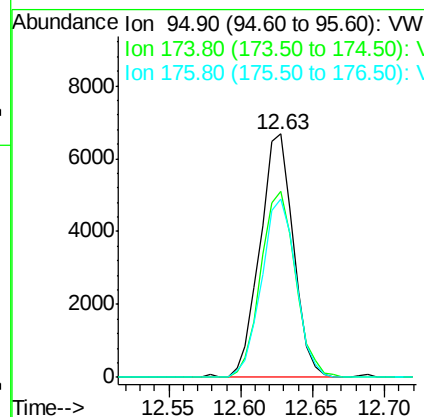
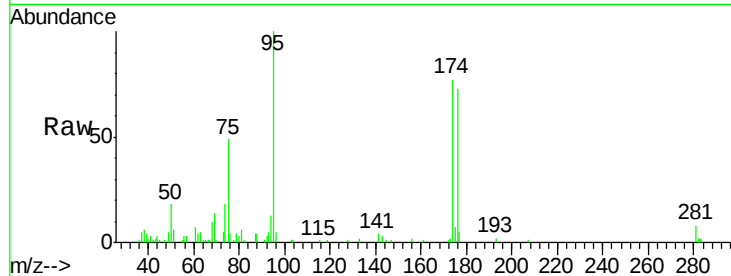




#62
4-Bromofluorobenzene
Concen: 21.182 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

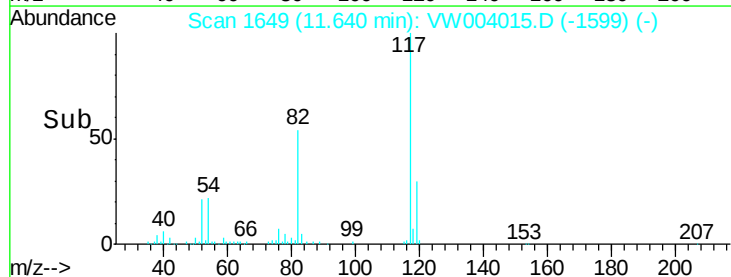
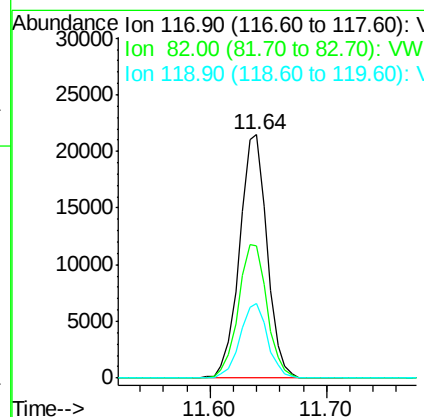
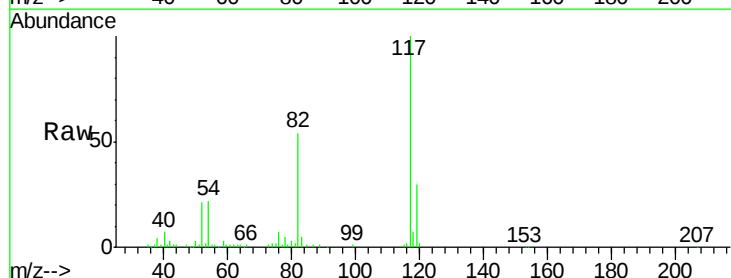
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

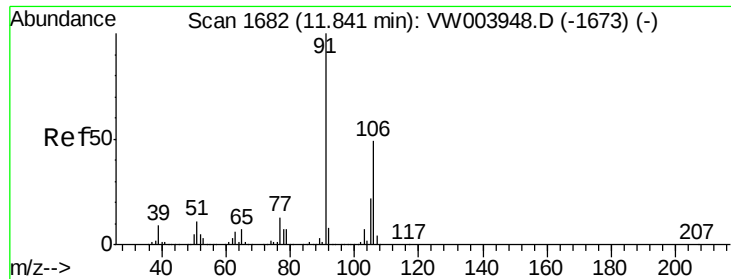
Tot Ion: 95 Resp: 10661
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.2
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 117 Resp: 35497
Ion Ratio Lower Upper
117 100
82 54.3 46.5 69.7
119 30.4 26.2 39.2





#68

m/p-Xylenes

Concen: 1.324 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

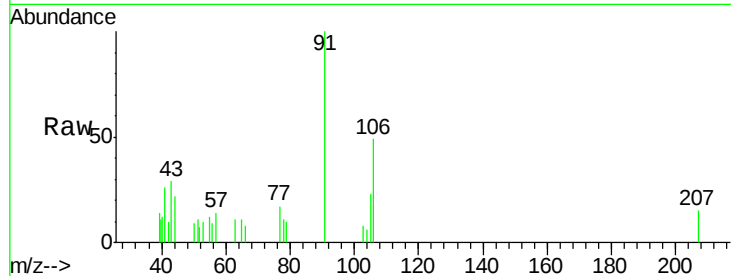
AU-05-071318-ARE

Tot Ion:106 Resp: 671

Ion Ratio Lower Upper

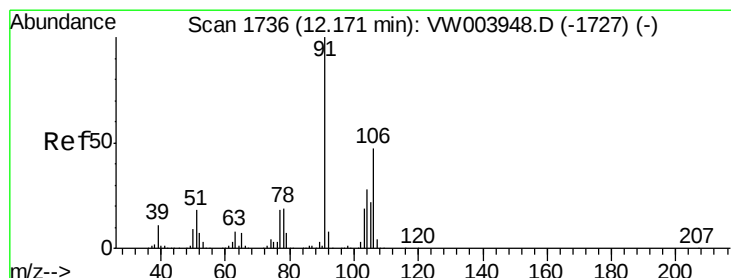
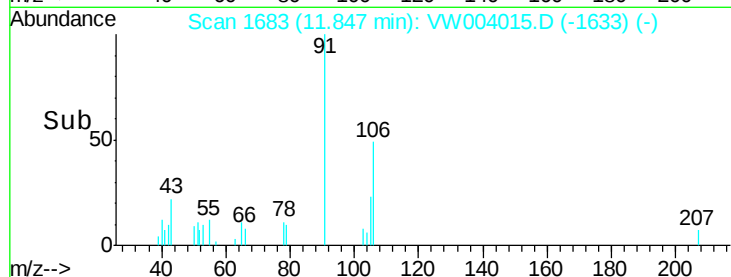
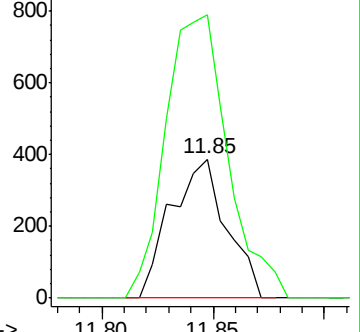
106 100

91 228.9 164.2 246.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.355 ug/l

RT: 12.18 min Scan# 1737

Delta R.T. 0.01 min

Lab File: VW004015.D

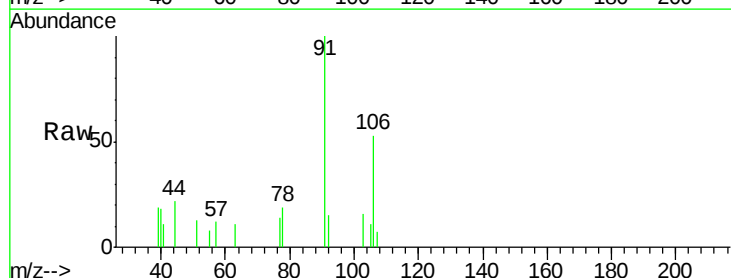
Acq: 18 Jul 2018 06:28

Tgt Ion:106 Resp: 637

Ion Ratio Lower Upper

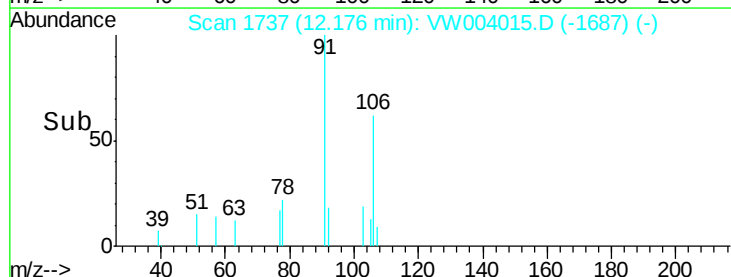
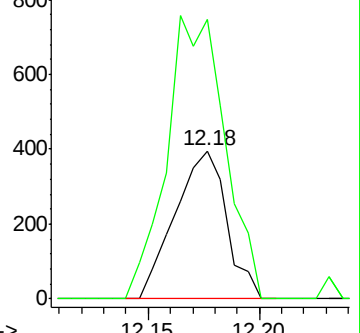
106 100

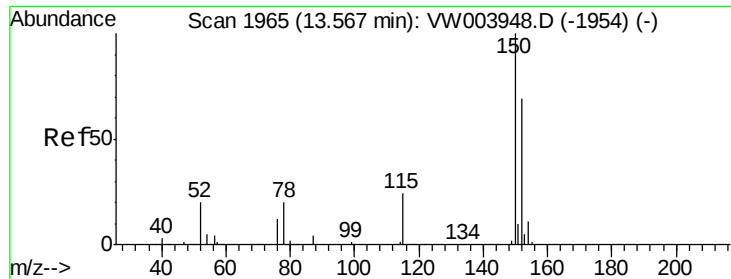
91 215.9 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



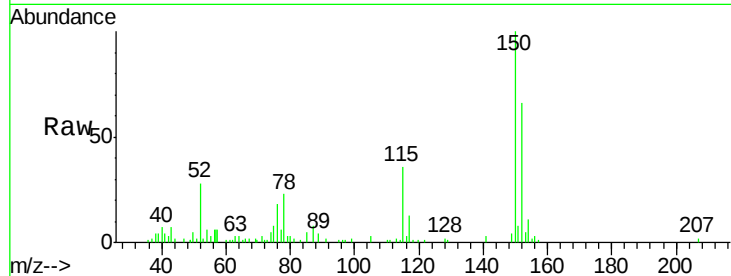


#72

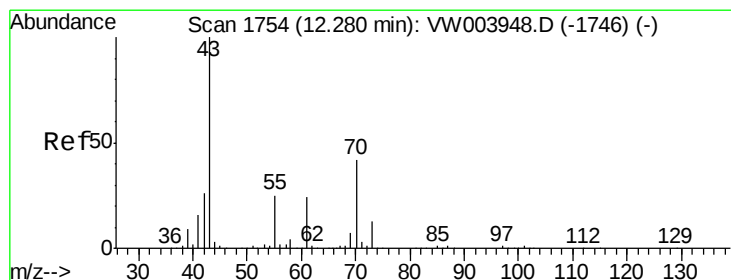
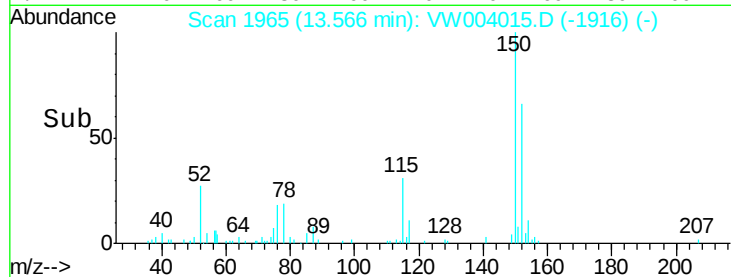
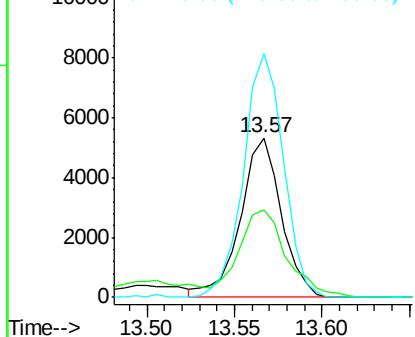
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-ARE

Tot Ion:152 Resp: 8647
Ion Ratio Lower Upper
152 100
115 64.5 29.2 87.6
150 149.3 0.0 345.2



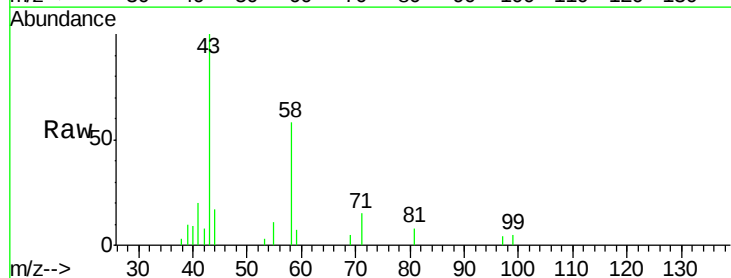
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



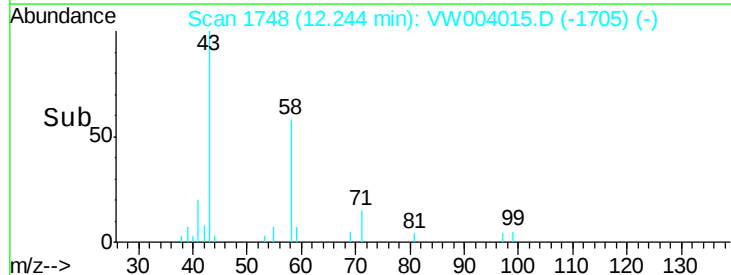
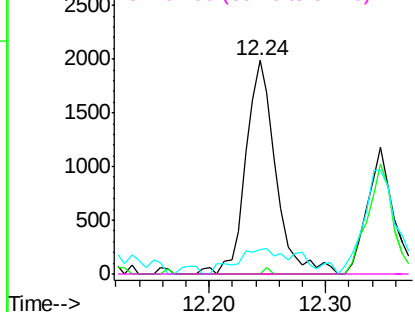
#74

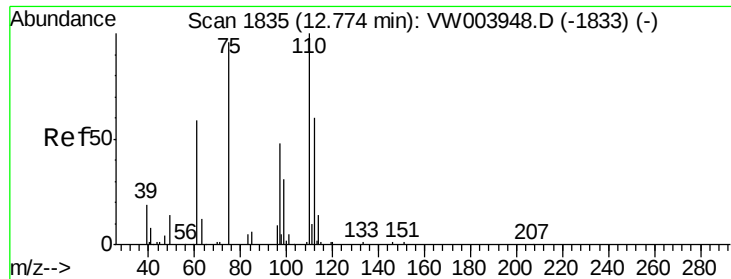
N-ethyl acetate
Concen: 22.354 ug/l
RT: 12.24 min Scan# 1748
Delta R.T. -0.04 min
Lab File: VW004015.D
Acq: 18 Jul 2018 06:28

Tgt Ion: 43 Resp: 3559
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 17.7 20.0 30.0#
61 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VV
Ion 70.00 (69.70 to 70.70): VV
Ion 55.00 (54.70 to 55.70): VV
Ion 61.00 (60.70 to 61.70): VV





#76

1,2,3-Trichloropropane

Concen: 63.871 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

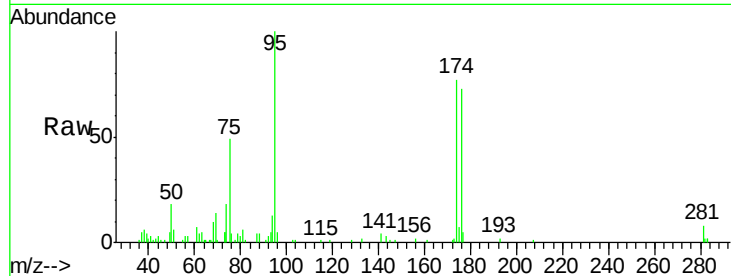
AU-05-071318-ARE

Tot Ion: 75 Resp: 5483

Ion Ratio Lower Upper

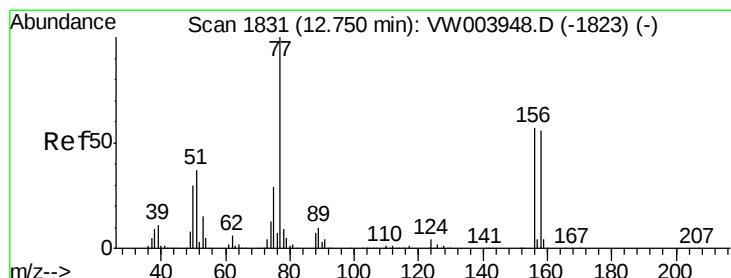
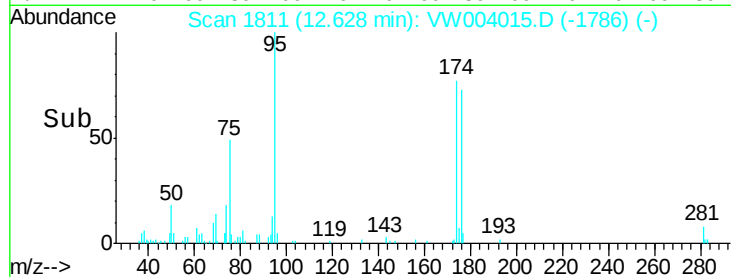
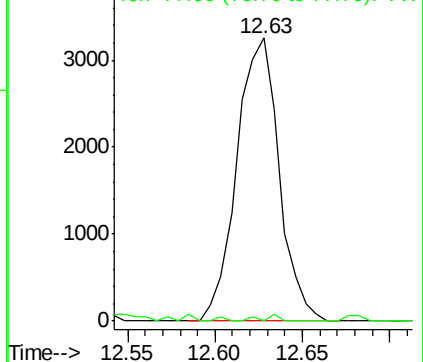
75 100

77 0.0 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: 62.309 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.20 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

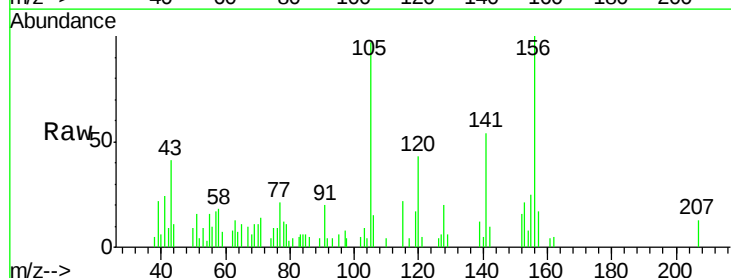
Tgt Ion: 156 Resp: 9110

Ion Ratio Lower Upper

156 100

77 13.0 96.2 288.6#

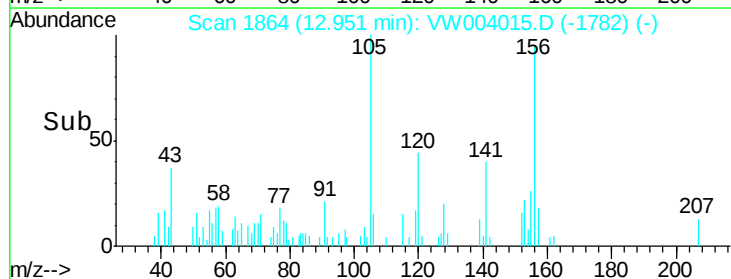
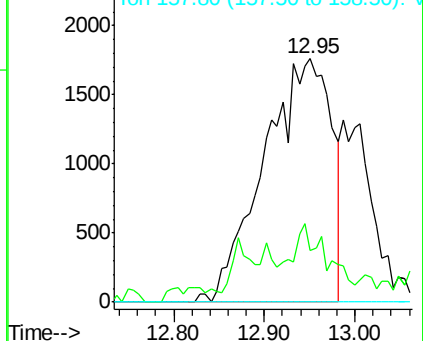
158 0.0 48.5 145.5#

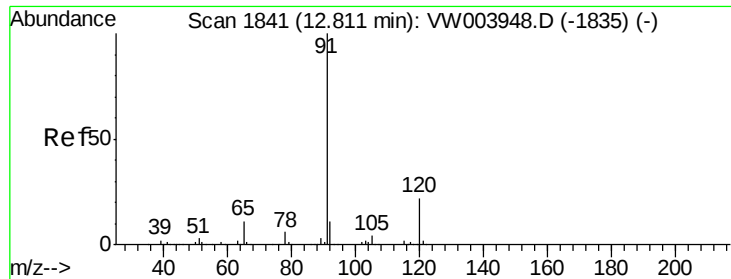


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.868 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

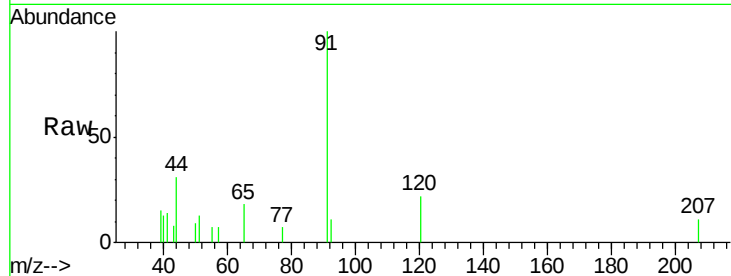
AU-05-071318-ARE

Tot Ion: 91 Resp: 1400

Ion Ratio Lower Upper

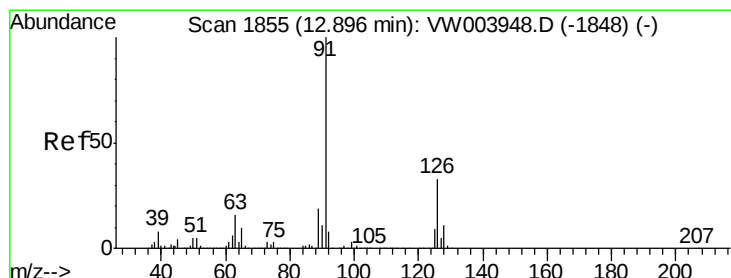
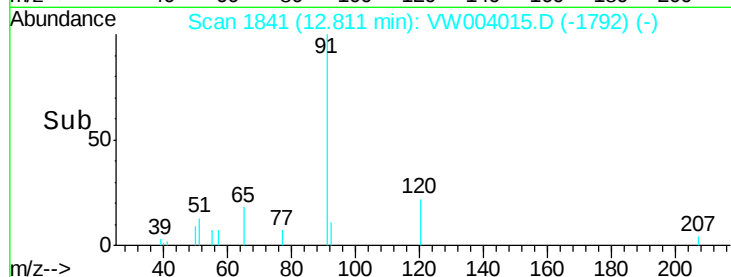
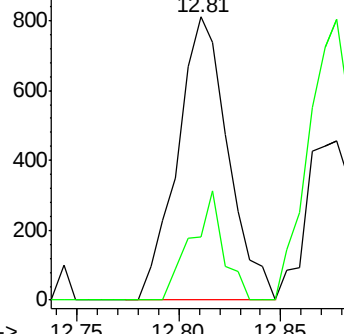
91 100

120 24.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.303 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.05 min

Lab File: VW004015.D

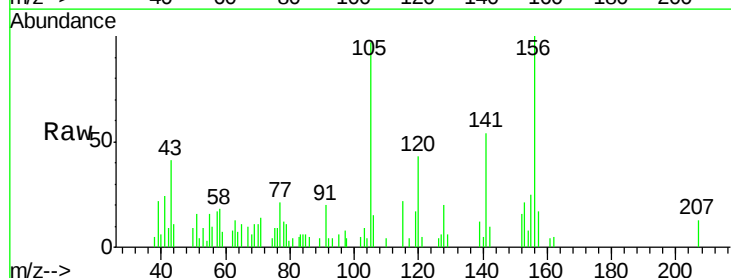
Acq: 18 Jul 2018 06:28

Tgt Ion: 91 Resp: 551

Ion Ratio Lower Upper

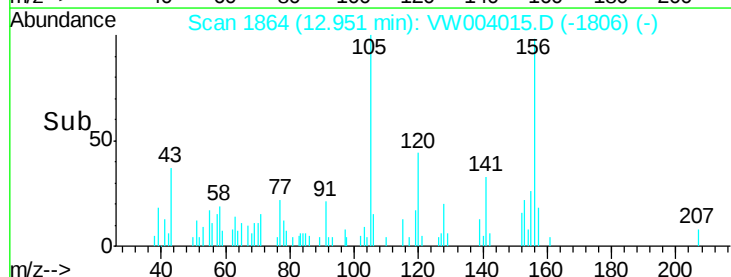
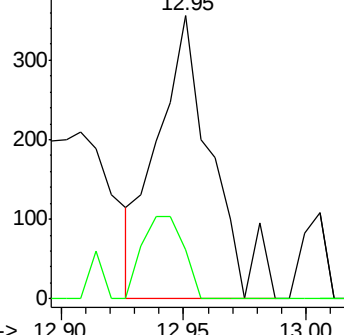
91 100

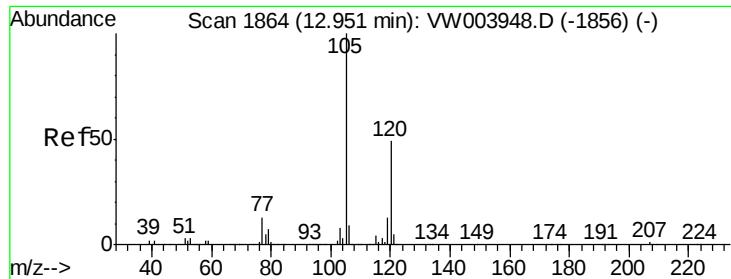
126 22.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.592 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

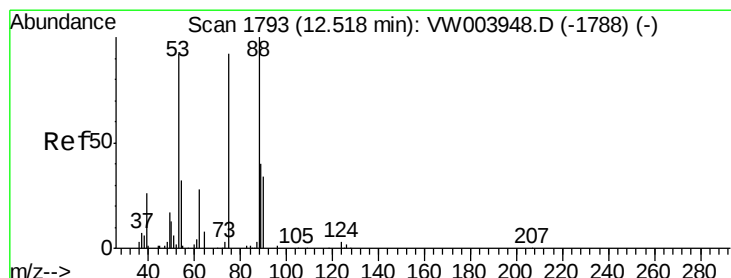
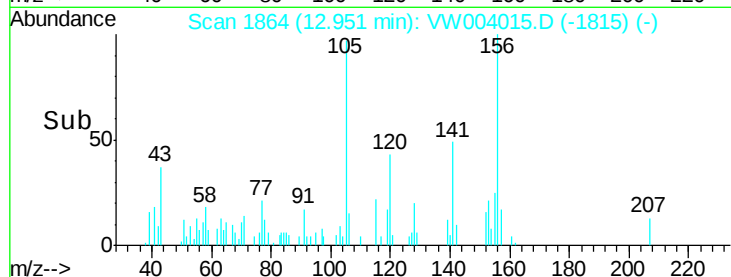
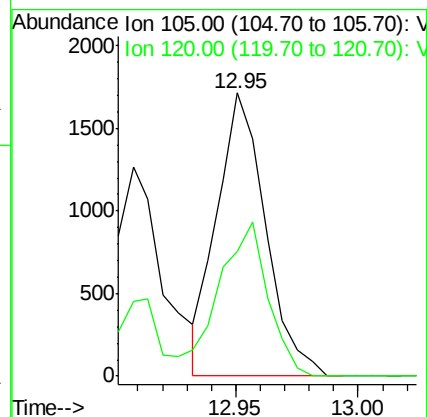
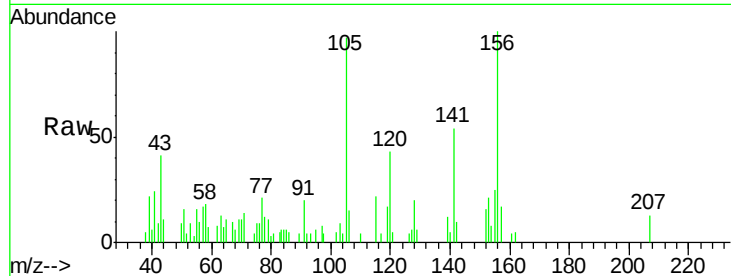
AU-05-071318-ARE

Tot Ion:105 Resp: 2361

Ion Ratio Lower Upper

105 100

120 55.2 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 141.281 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

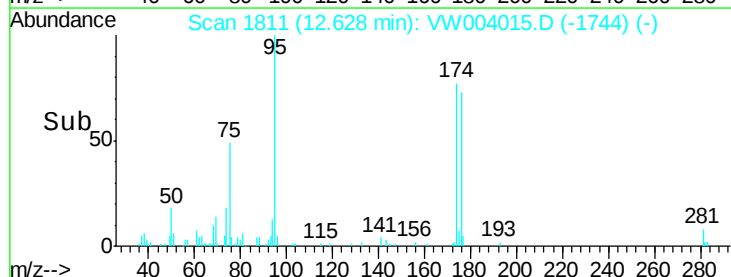
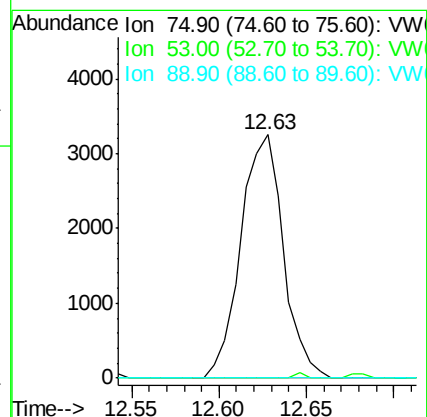
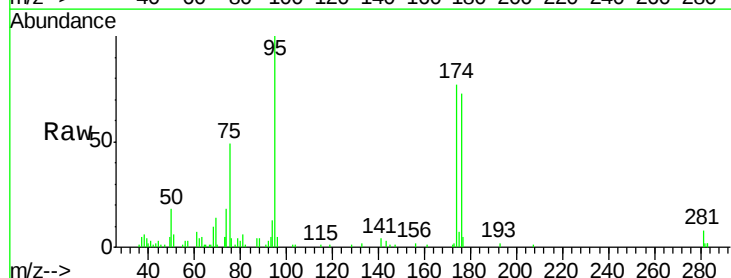
Tgt Ion: 75 Resp: 5483

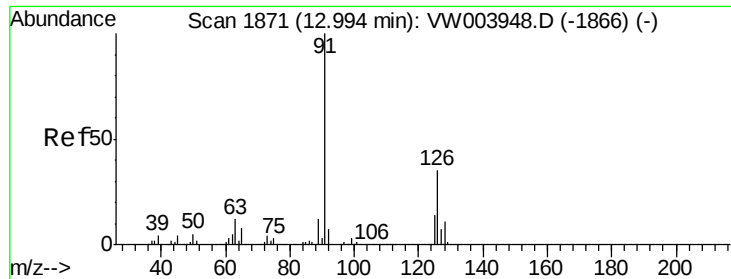
Ion Ratio Lower Upper

75 100

53 0.5 77.6 116.4#

89 0.0 36.6 54.8#





#82

4-Chlorotoluene

Concen: 1.214 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

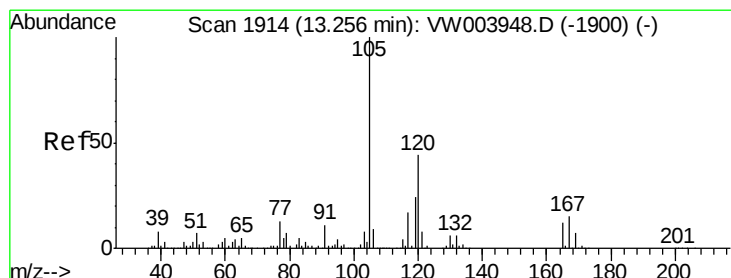
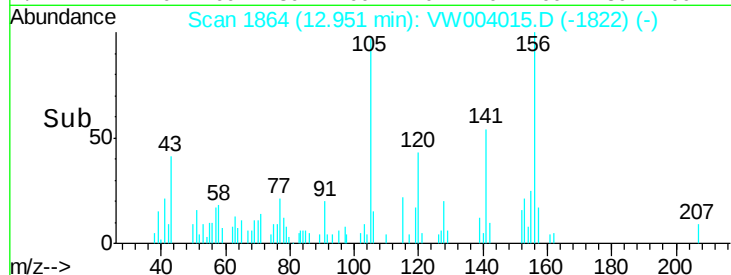
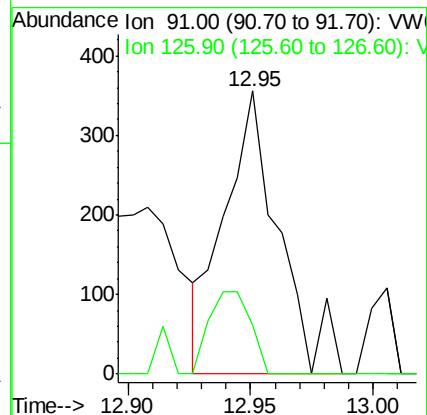
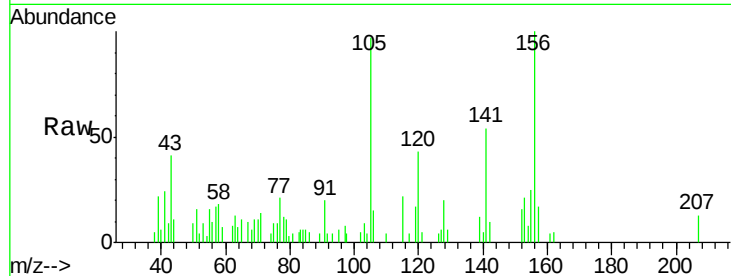
AU-05-071318-ARE

Tot Ion: 91 Resp: 551

Ion Ratio Lower Upper

91 100

126 22.3 16.7 50.0



#84

1,2,4-Trimethylbenzene

Concen: 22.349 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW004015.D

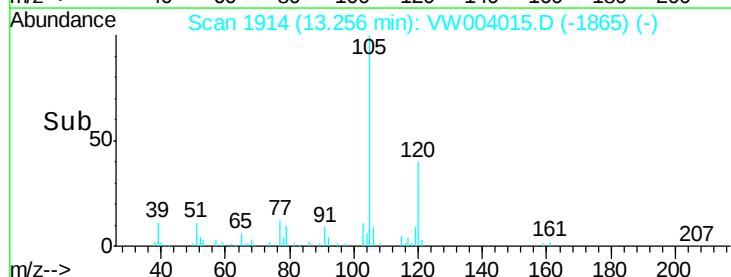
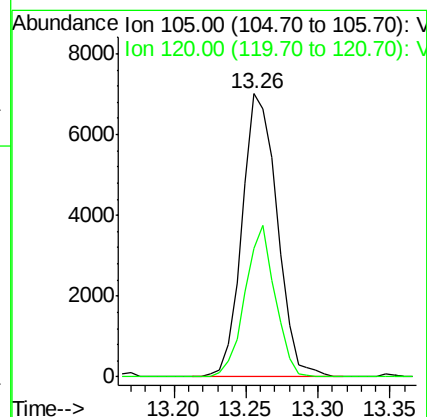
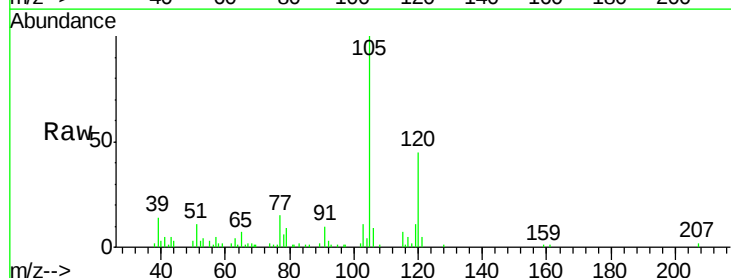
Acq: 18 Jul 2018 06:28

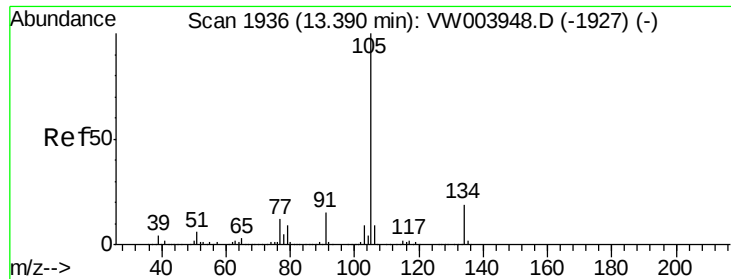
Tgt Ion: 105 Resp: 11823

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.1

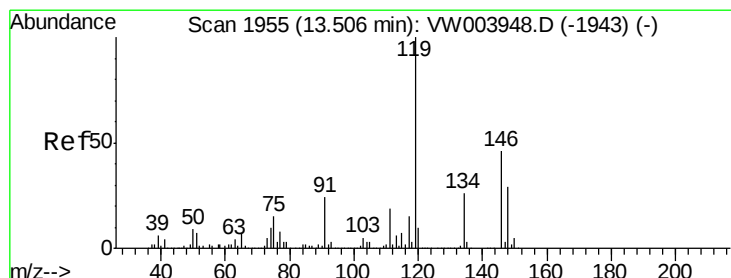
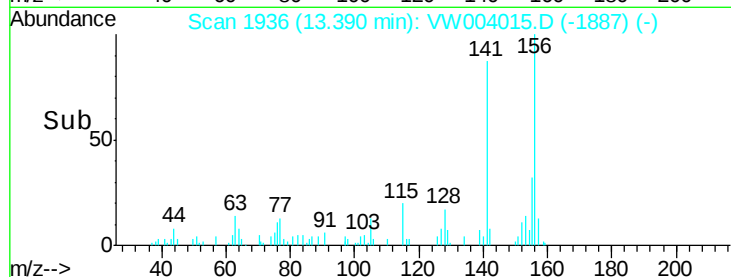
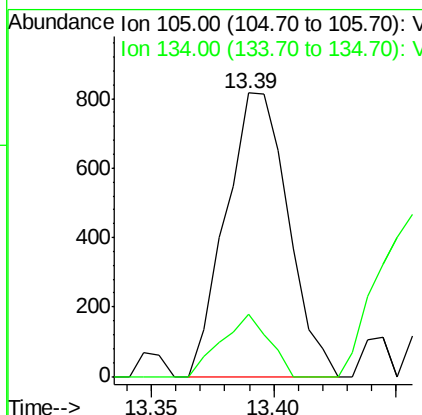
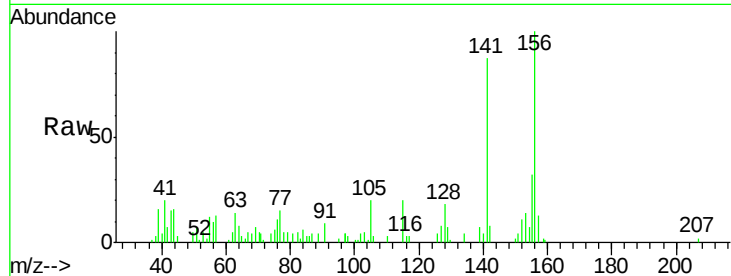




#85
 sec-Butylbenzene
 Concen: 2.251 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004015.D
 Acq: 18 Jul 2018 06:28

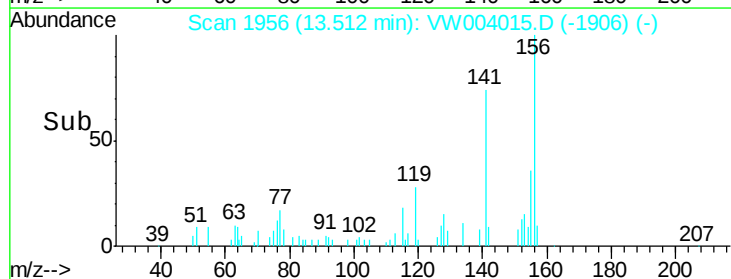
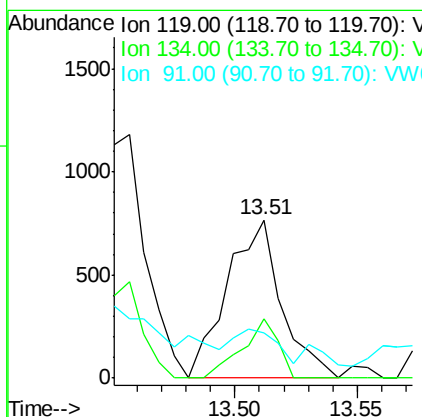
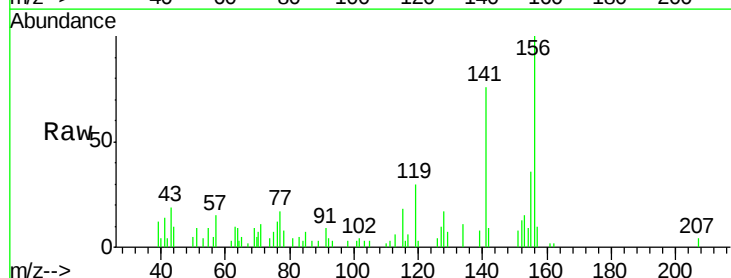
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-ARE

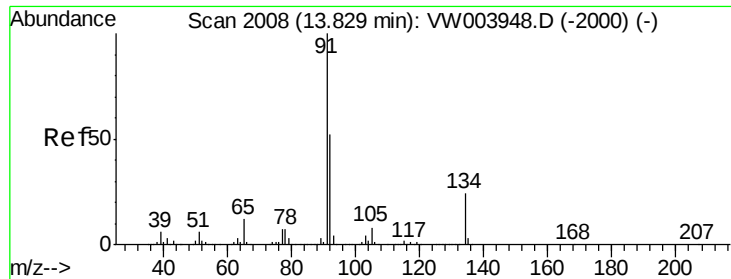
Tot Ion:105 Resp: 1442
 Ion Ratio Lower Upper
 105 100
 134 16.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 2.113 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.01 min
 Lab File: VW004015.D
 Acq: 18 Jul 2018 06:28

Tgt Ion:119 Resp: 1187
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 38.9
 91 16.9 11.8 35.3





#89

n-Butylbenzene

Concen: 2.553 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-ARE

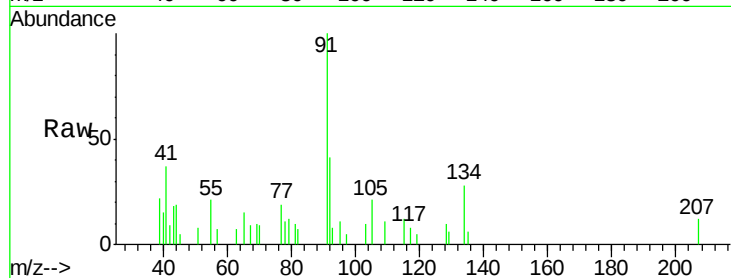
Tot Ion: 91 Resp: 1410

Ion Ratio Lower Upper

91 100

92 69.5 26.1 78.3

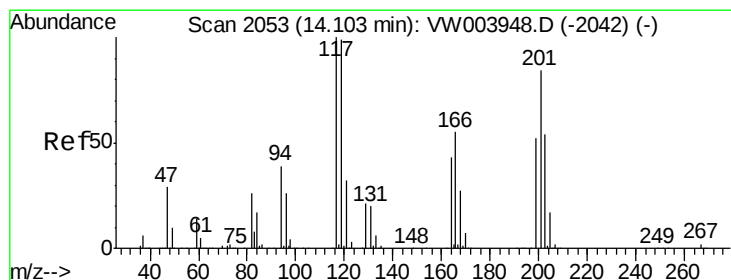
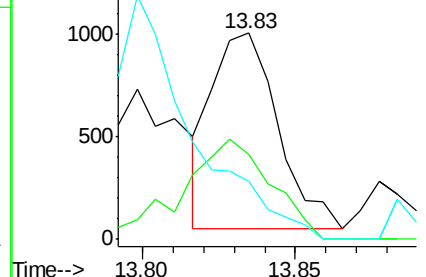
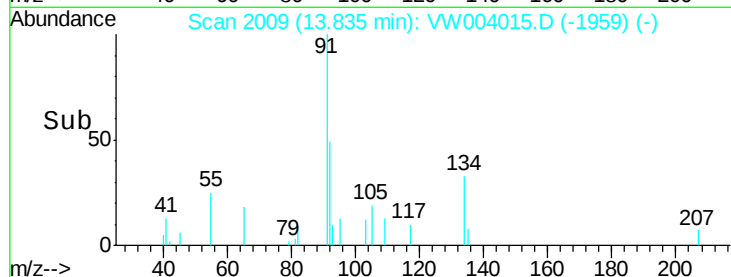
134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 7.792 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW004015.D

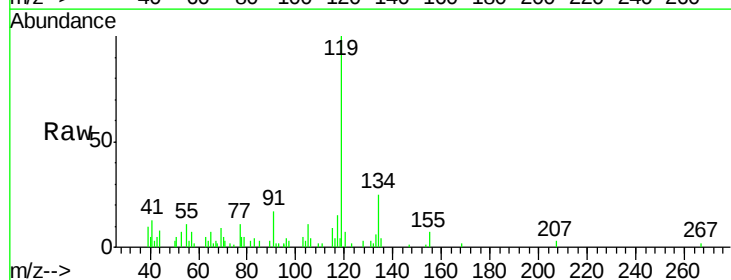
Acq: 18 Jul 2018 06:28

Tgt Ion: 117 Resp: 807

Ion Ratio Lower Upper

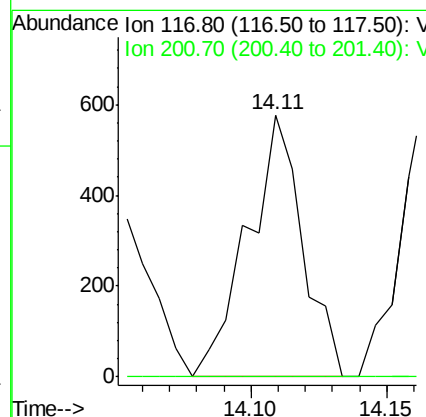
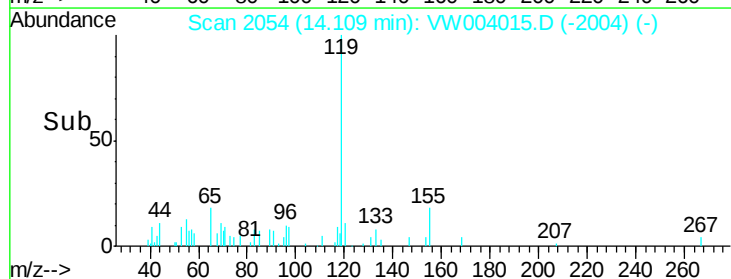
117 100

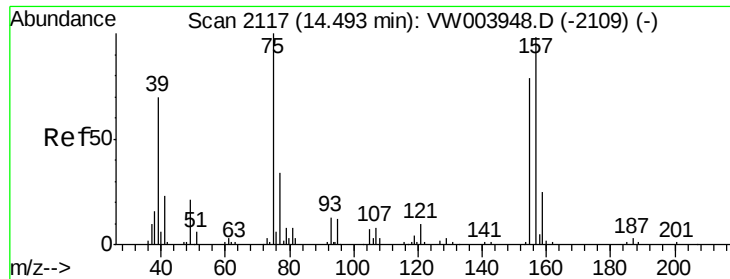
201 0.0 40.3 120.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.751 ug/l

RT: 14.57 min Scan# 2129

Delta R.T. 0.07 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-ARE

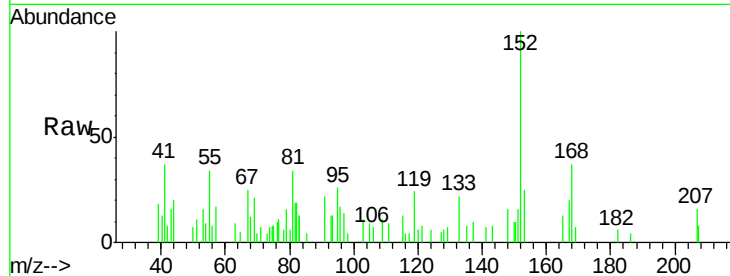
Tot Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

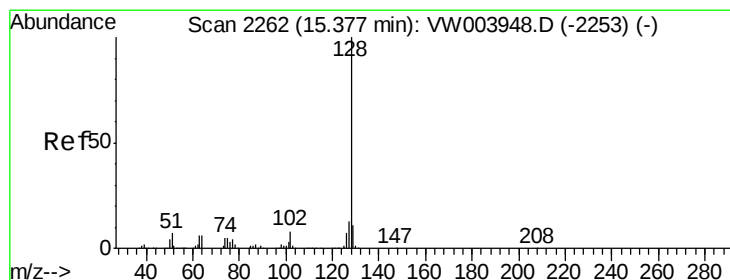
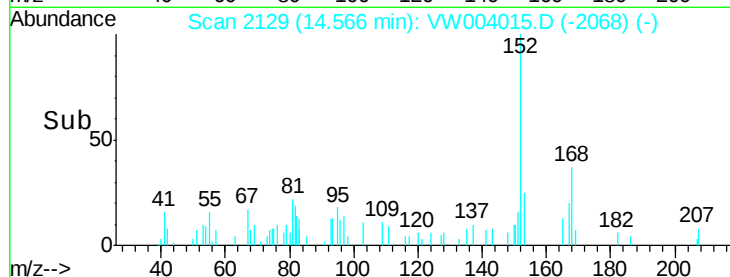
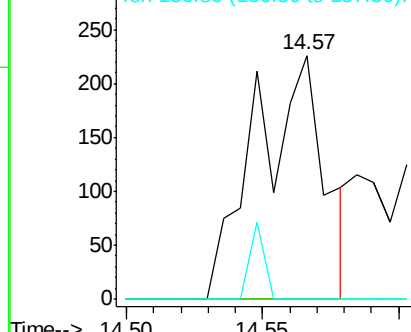
157 6.6 51.8 155.4#



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



#95

Naphthalene

Concen: 14.114 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004015.D

Acq: 18 Jul 2018 06:28

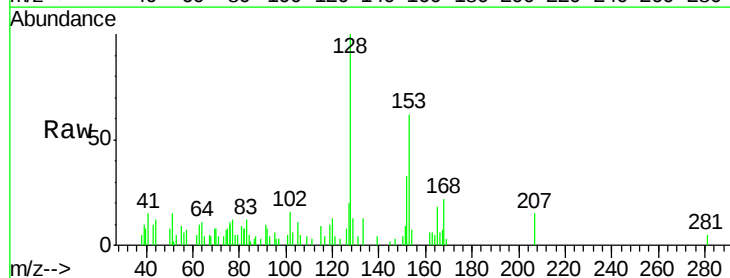
Tgt Ion: 128 Resp: 4760

Ion Ratio Lower Upper

128 100

127 24.7 10.7 16.1#

129 15.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

