

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004347.D
 Acq On : 30 Jul 2018 07:36
 Operator : SY/AP
 Sample : J4109-06
 Misc : 7.55G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 08:33:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51983	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	38534	42.15	ug/l	0.00
Spiked Amount			Recovery	=	84.30%	
35) Dibromofluoromethane	7.88	113	37660	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.33	98	144549	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	12.62	95	52414	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.31	50	40	Below Cal	#	44
6) Chloroethane	2.82	64	20	Below Cal	#	45
8) Diethyl Ether	3.68	74	113	Below Cal		97
11) Tert butyl alcohol	5.13	59	934	11.437	ug/l #	72
16) Acetone	4.12	43	8854	49.529	ug/l	98
17) Carbon Disulfide	4.37	76	5466	2.515	ug/l	98
18) Methyl Acetate	4.69	43	365	1.573	ug/l #	54
19) Methyl tert-butyl Ether	5.42	73	885	1.117	ug/l	99
20) Methylene Chloride	4.91	84	3671	2.732	ug/l #	70
25) 2-Butanone	7.18	43	3025	11.913	ug/l	95
26) 2,2-Dichloropropane	7.14	77	1796	1.751	ug/l #	52
31) Cyclohexane	7.95	56	1573	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6136	4.648	ug/l #	52
37) Ethyl Acetate	7.18	43	3025	5.592	ug/l #	69
38) Carbon Tetrachloride	7.95	117	8268	6.343	ug/l #	14
40) Benzene	8.33	78	186258	50.155	ug/l	98
42) 1,2-Dichloroethane	8.33	62	1886	1.776	ug/l #	75
59) 2-Hexanone	10.94	43	2510	6.832	ug/l #	25
69) o-Xylene	12.18	106	1408	1.000	ug/l	81
74) N-amyl acetate	12.26	43	10900	14.043	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.69	83	9837	15.580	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	24589	51.829	ug/l #	100
77) Bromobenzene	12.59	156	29951	34.390	ug/l #	1
78) n-propylbenzene	12.81	91	5648	1.286	ug/l	96
79) 2-Chlorotoluene	12.88	91	3500	1.394	ug/l	73
80) 1,3,5-Trimethylbenzene	12.95	105	12685	4.085	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.62	75	24589	120.600	ug/l #	17
82) 4-Chlorotoluene	12.88	91	3264	1.228	ug/l	75
83) tert-Butylbenzene	13.21	119	19234	7.435	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	26970	8.516	ug/l	96
85) sec-Butylbenzene	13.39	105	11065	2.928	ug/l #	1
86) p-Isopropyltoluene	13.51	119	6242	1.839	ug/l #	63
90) Hexachloroethane	14.10	117	4767	7.876	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.52	75	264	2.395	ug/l #	1

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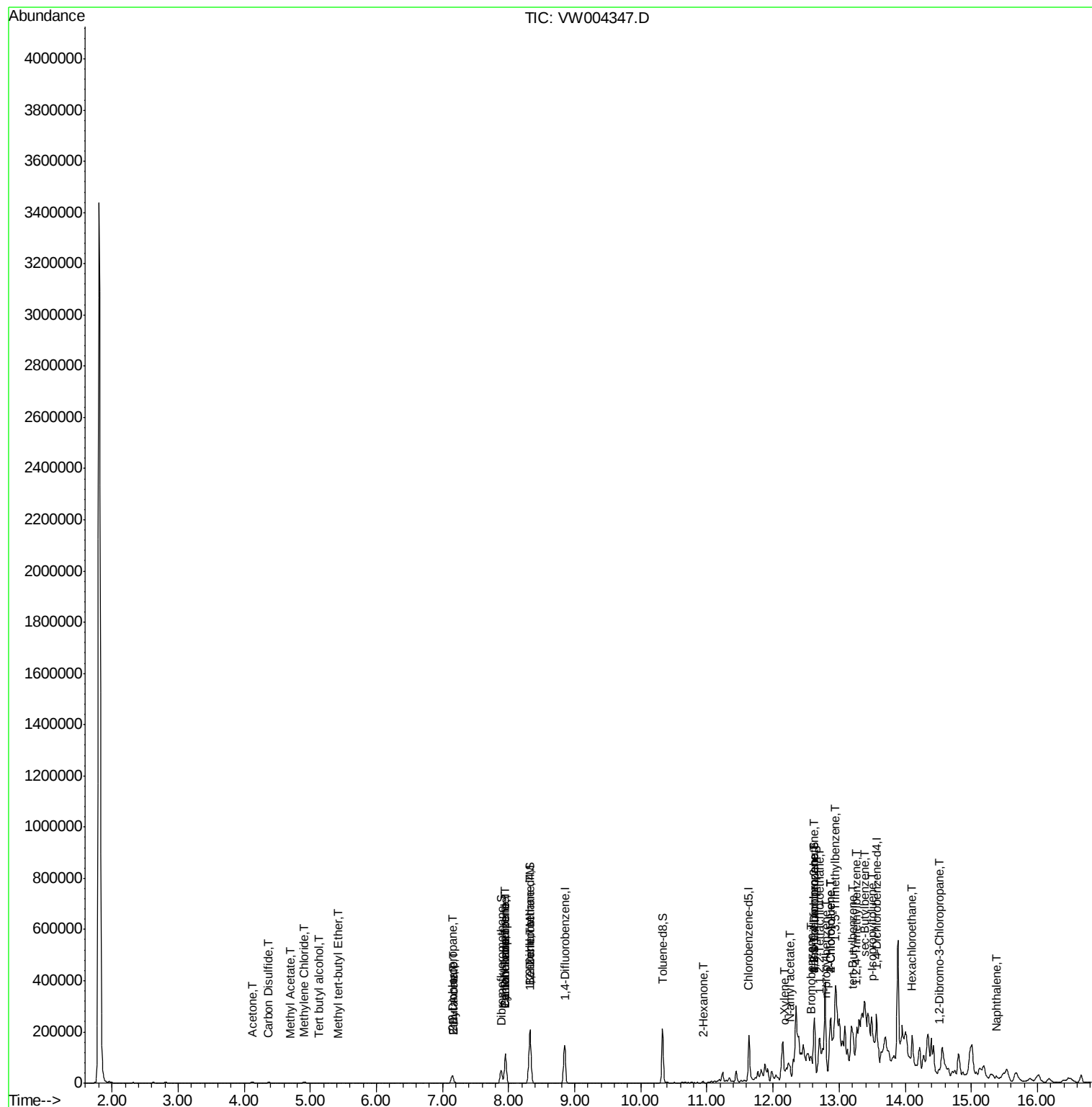
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	11637	6.174	ug/l #	94

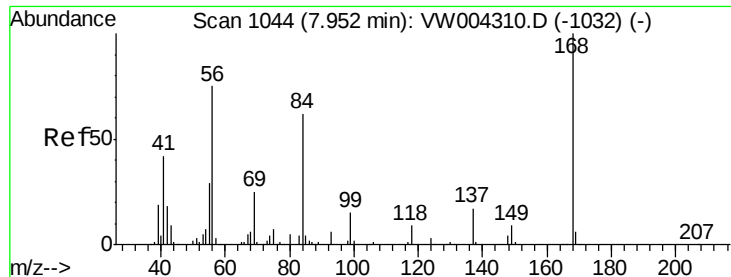
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004347.D
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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: VW004347.D

Acq: 30 Jul 2018 07:36

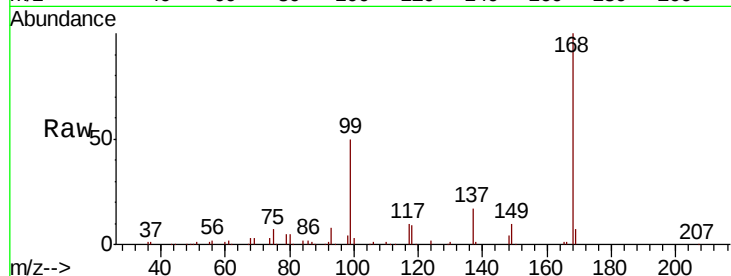
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 90638

Ion Ratio Lower Upper

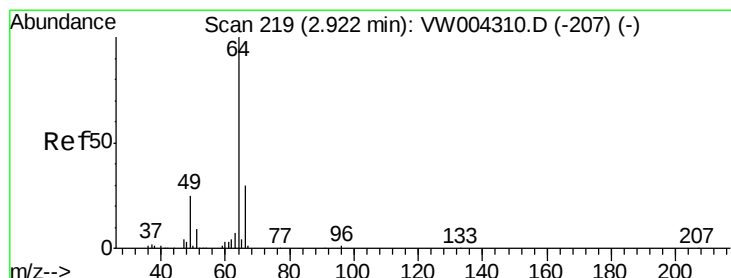
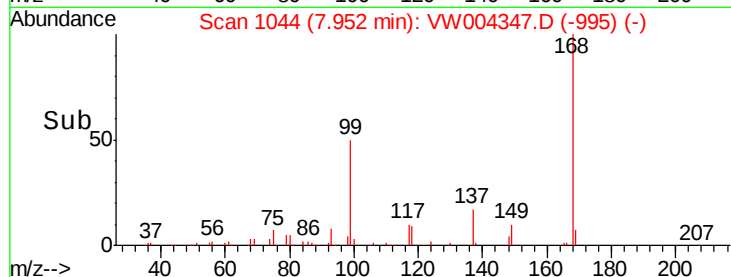
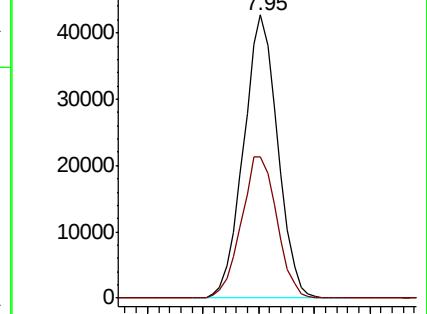
168 100

99 49.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: Below Cal

RT: 2.82 min Scan# 203

Delta R.T. -0.10 min

Lab File: VW004347.D

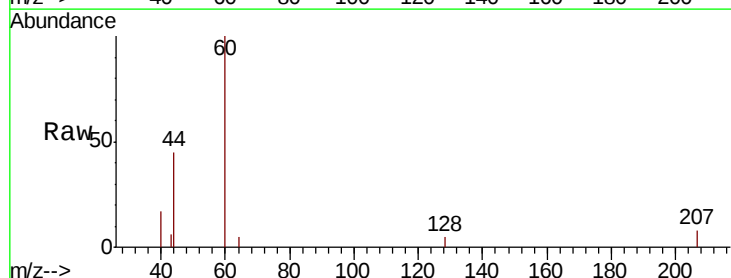
Acq: 30 Jul 2018 07:36

Tgt Ion: 64 Resp: 20

Ion Ratio Lower Upper

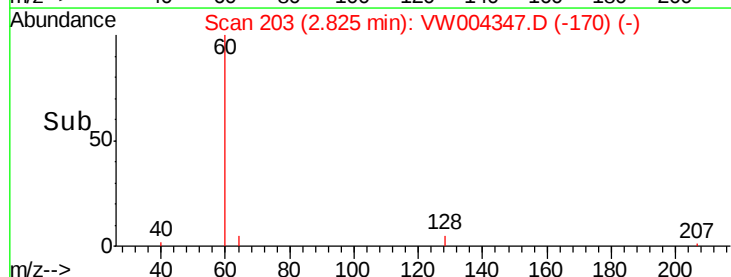
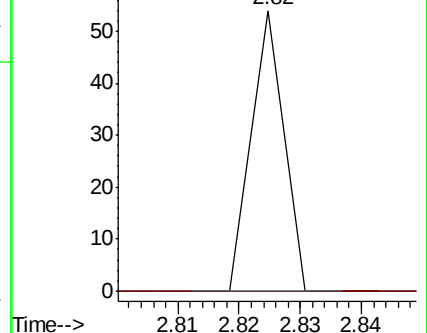
64 100

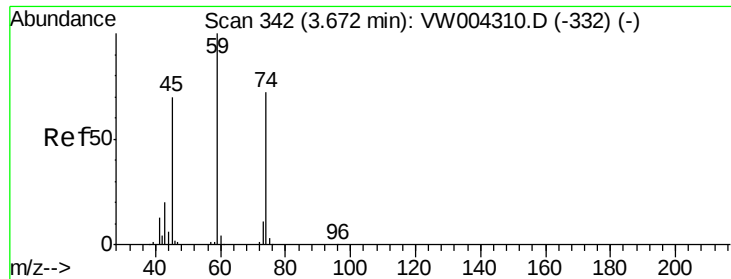
66 0.0 23.7 35.5#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#8

Diethyl Ether

Concen: Below Cal

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

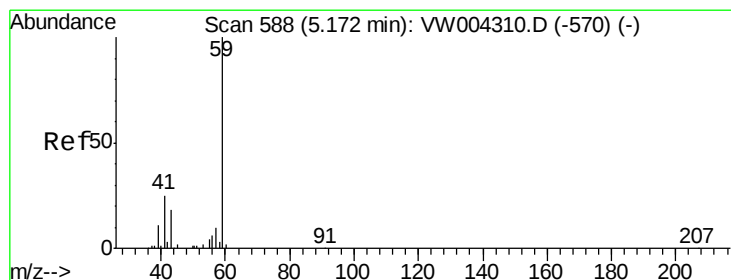
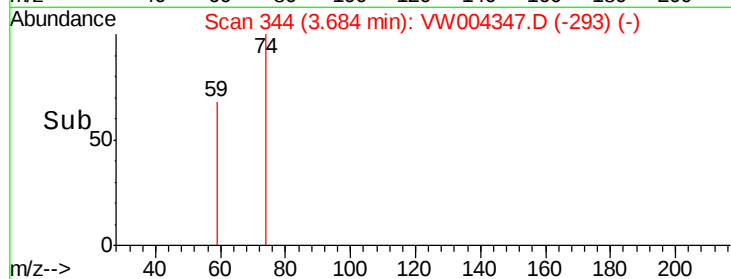
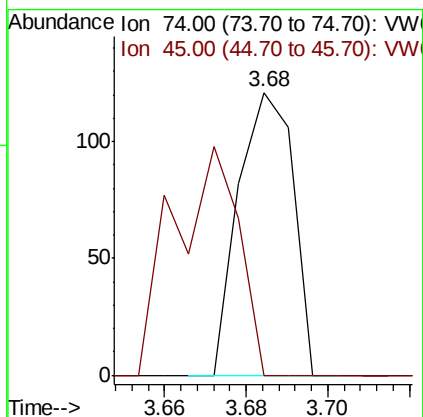
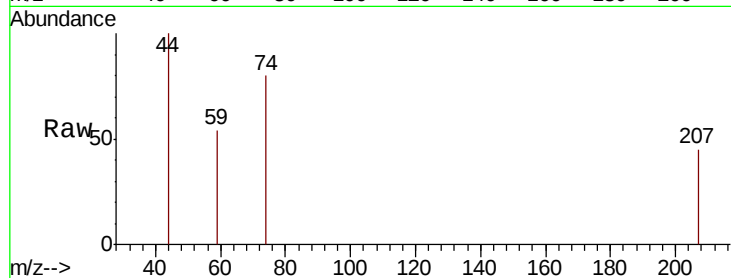
ClientSampled :

Tot Ion: 74 Resp: 113

Ion Ratio Lower Upper

74 100

45 95.6 49.4 148.0



#11

Tert butyl alcohol

Concen: 11.437 ug/l

RT: 5.13 min Scan# 581

Delta R.T. -0.04 min

Lab File: VW004347.D

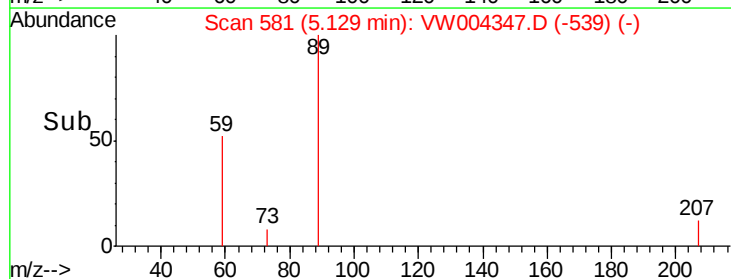
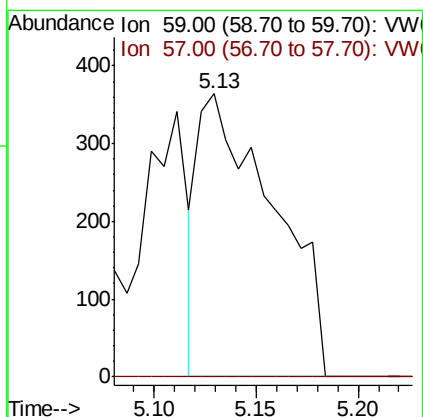
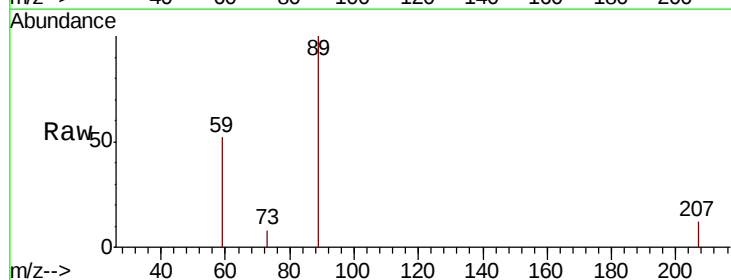
Acq: 30 Jul 2018 07:36

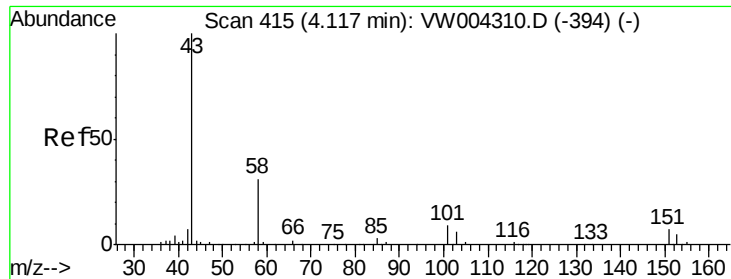
Tgt Ion: 59 Resp: 934

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





#16

Acetone

Concen: 49.529 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

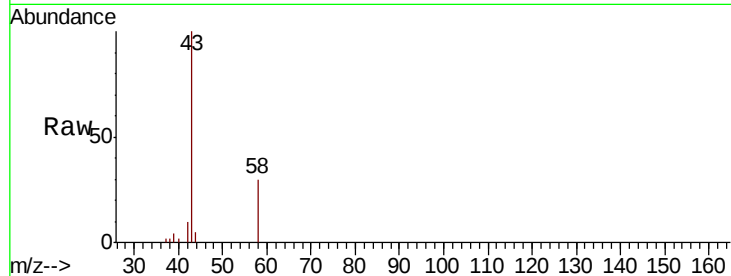
ClientSampled :

Tot Ion: 43 Resp: 8854

Ion Ratio Lower Upper

43 100

58 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

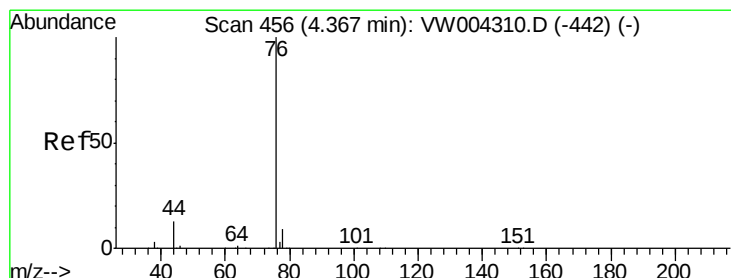
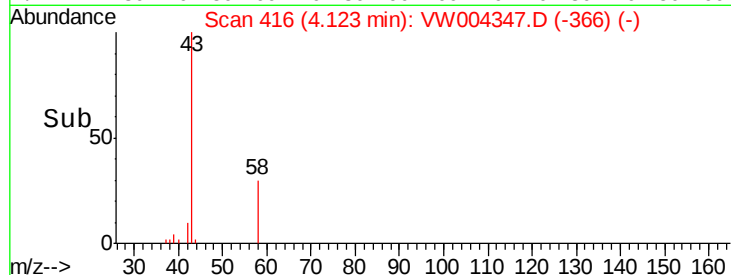
2000

1000

0

Time-->

4.00 4.05 4.10 4.15 4.20



#17

Carbon Disulfide

Concen: 2.515 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004347.D

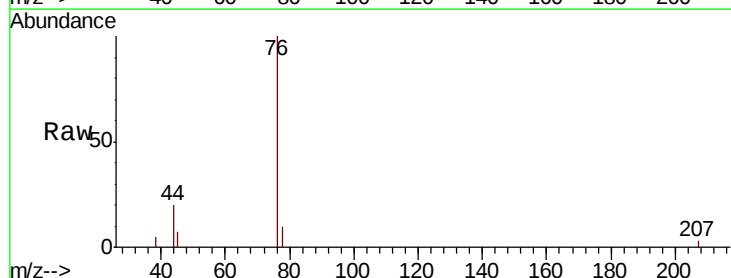
Acq: 30 Jul 2018 07:36

Tgt Ion: 76 Resp: 5466

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

2000

1500

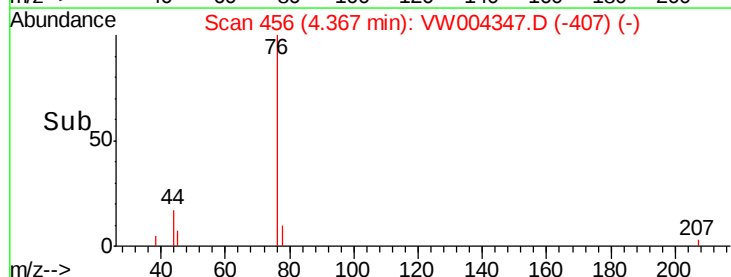
1000

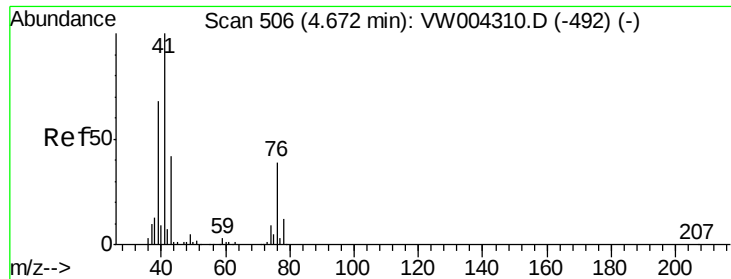
500

0

Time-->

4.25 4.30 4.35 4.40 4.45

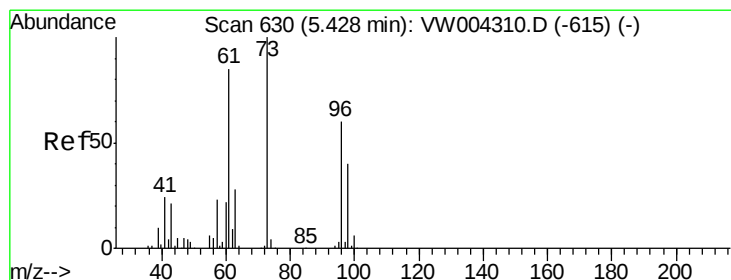
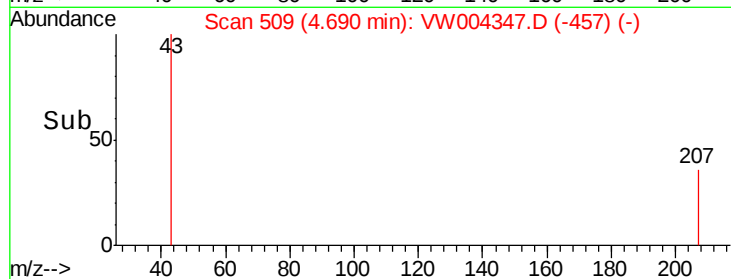
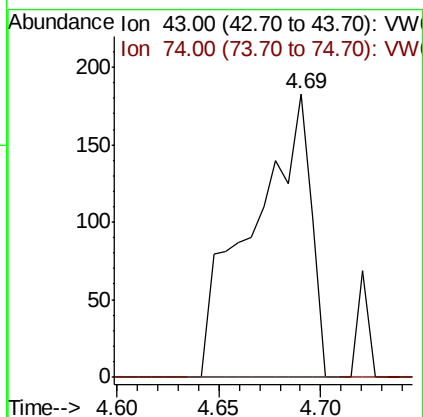
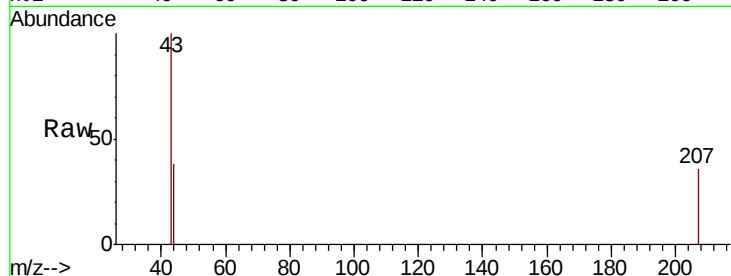




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.02 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

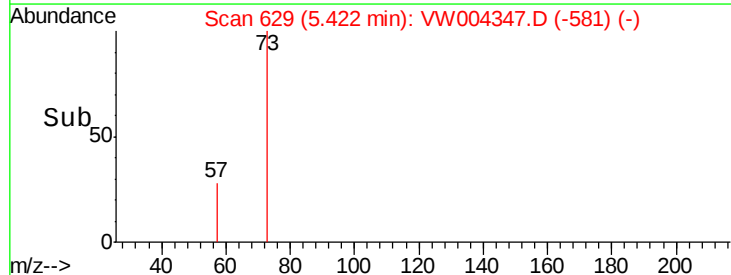
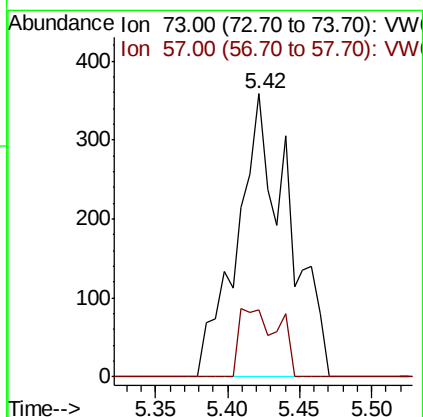
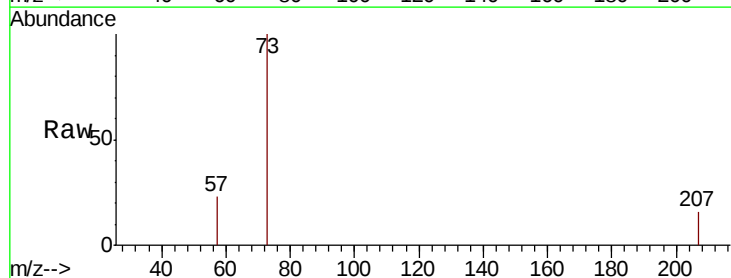
Instrument :
MSVOA_W
ClientSampled :

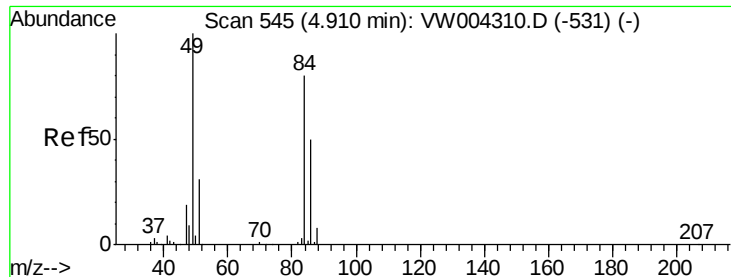
Tot Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 1.117 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 73 Resp: 885
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6

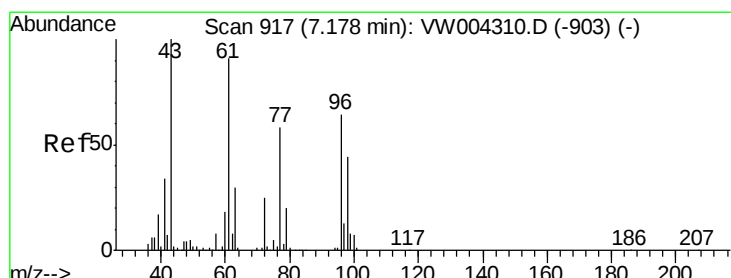
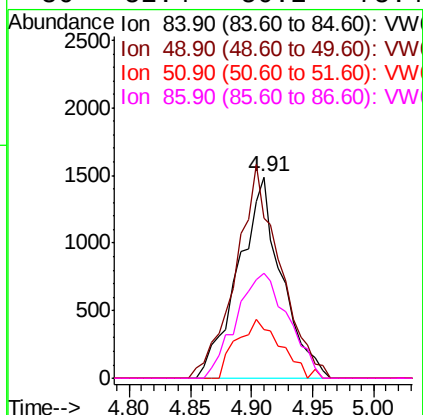
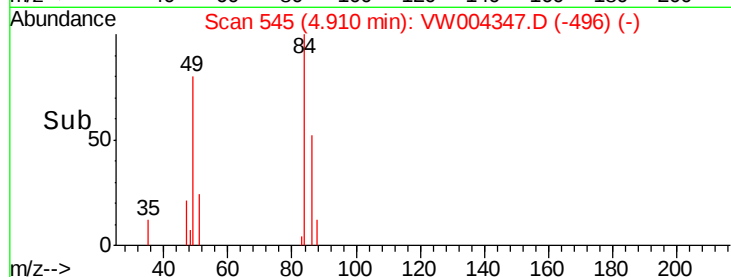
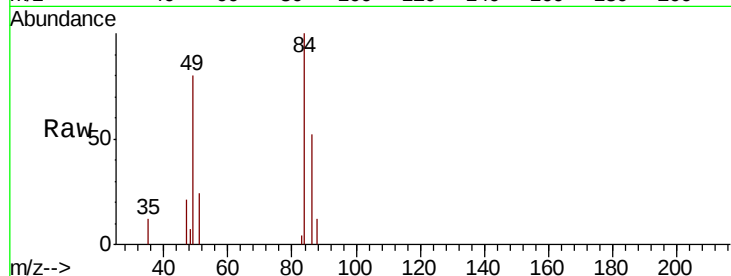




#20
Methylene Chloride
Concen: 2.732 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

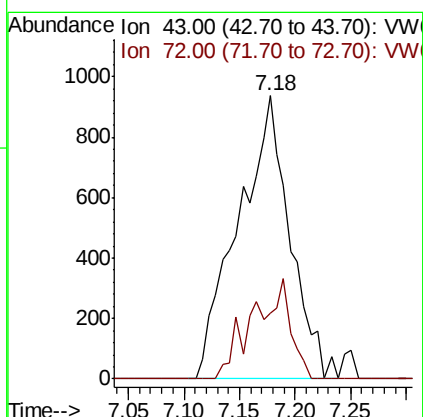
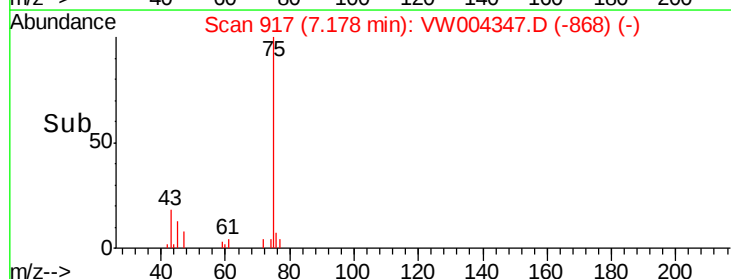
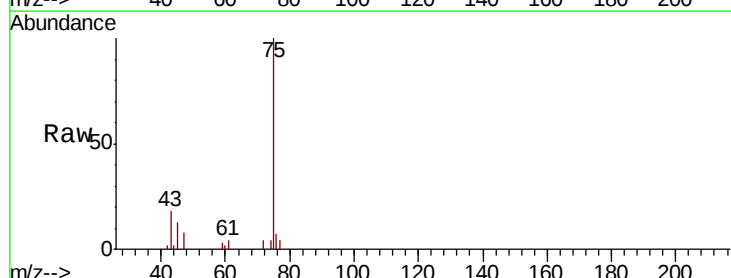
Instrument :
MSVOA_W
ClientSampleId :

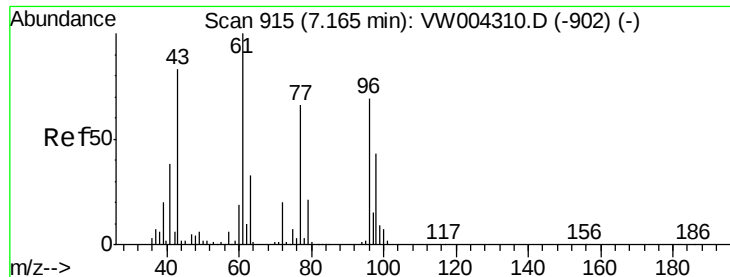
Tot Ion: 84 Resp: 3671
Ion Ratio Lower Upper
84 100
49 79.6 100.5 150.7#
51 23.9 30.9 46.3#
86 52.4 50.2 75.4



#25
2-Butanone
Concen: 11.913 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
72 23.1 20.3 30.5





#26

2,2-Dichloropropane

Concen: 1.751 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.02 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

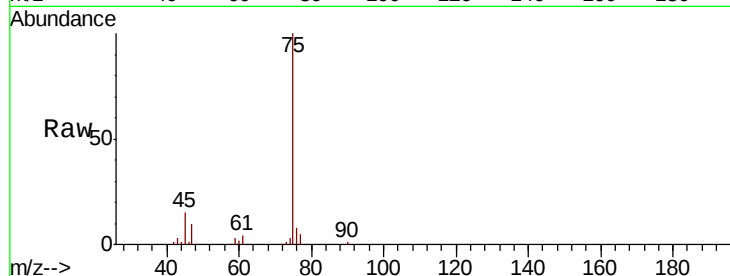
ClientSampleId :

Tot Ion: 77 Resp: 1796

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.14

800

600

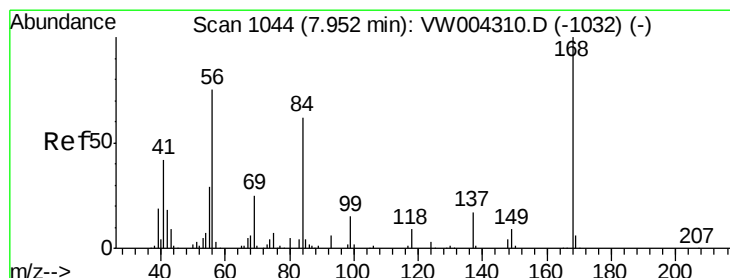
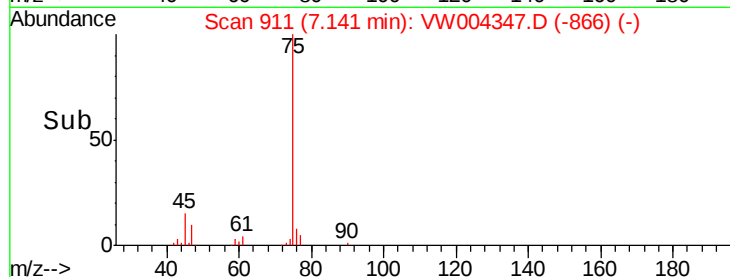
400

200

0

7.05 7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

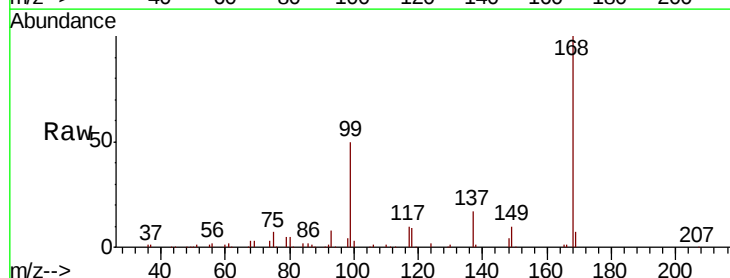
Tgt Ion: 56 Resp: 1573

Ion Ratio Lower Upper

56 100

69 184.8 26.3 39.5#

84 118.1 66.2 99.4#



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

2000

1500

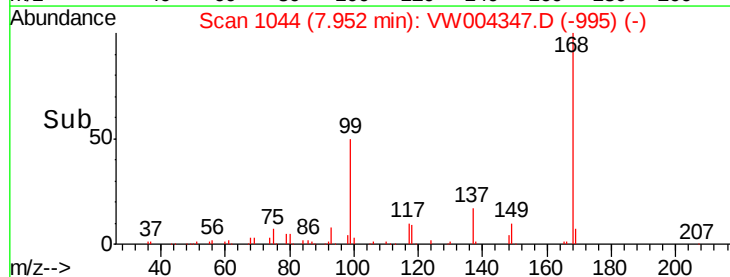
1000

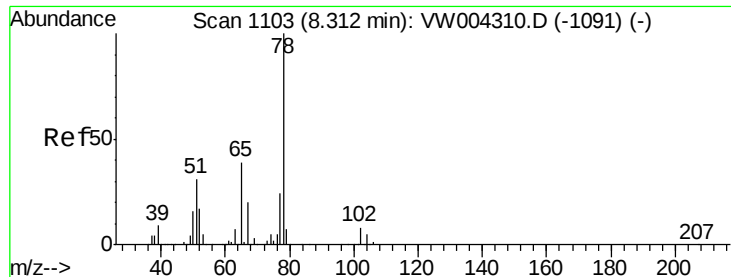
500

0

7.90 7.95 8.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.146 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

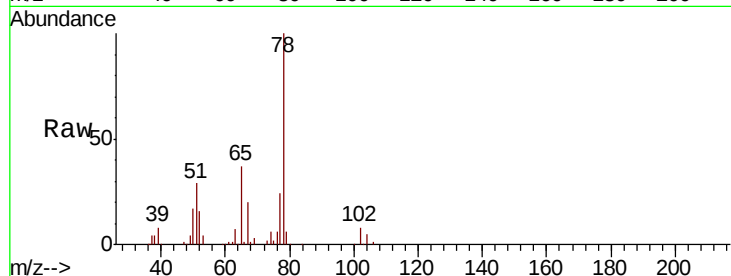
ClientSampleId :

Tot Ion: 65 Resp: 38534

Ion Ratio Lower Upper

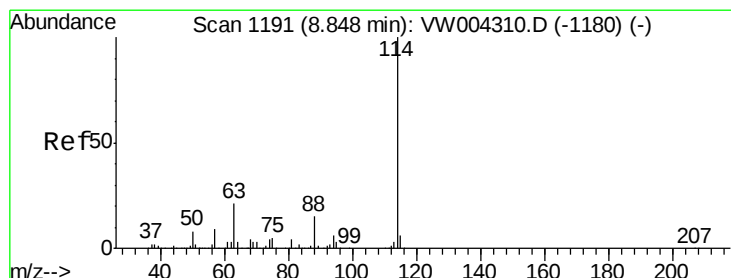
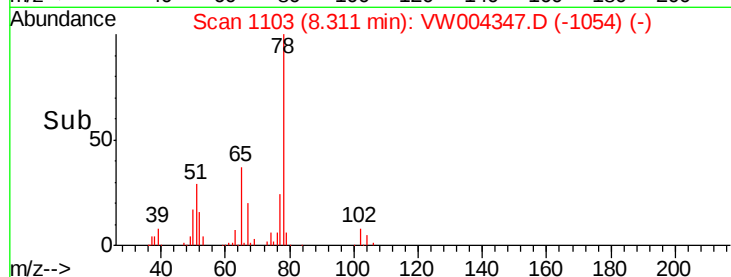
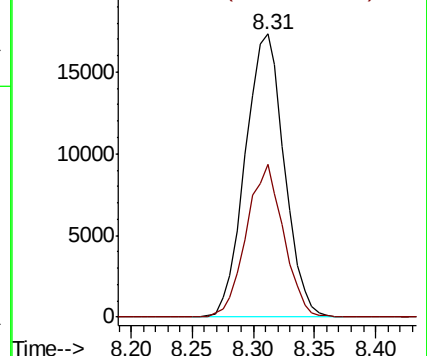
65 100

67 51.3 0.0 106.4



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# 1191

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

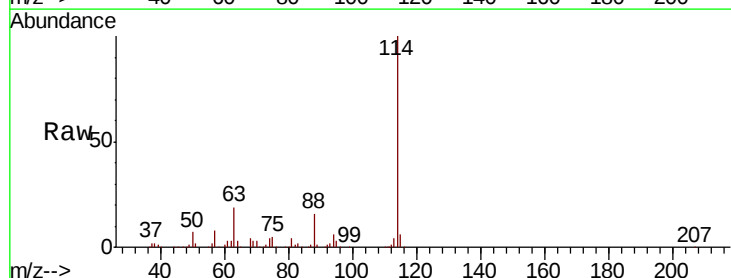
Tgt Ion: 114 Resp: 131958

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

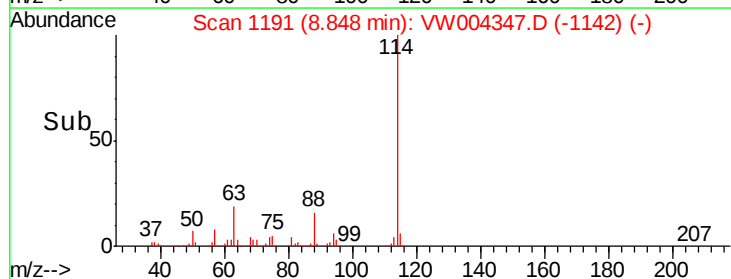
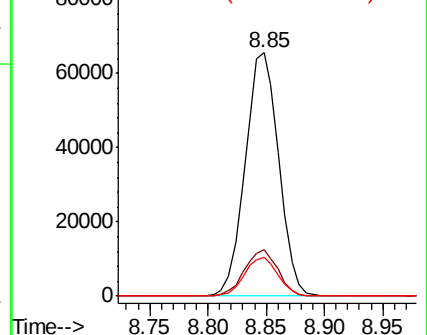
88 16.0 0.0 30.6

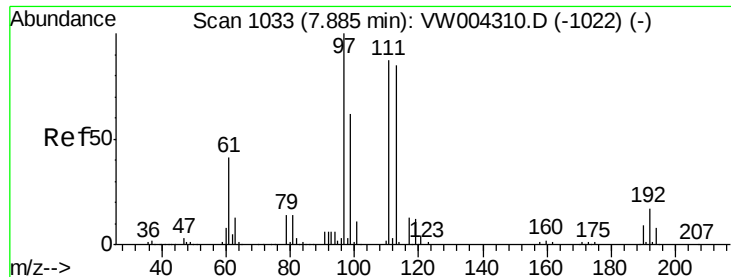


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

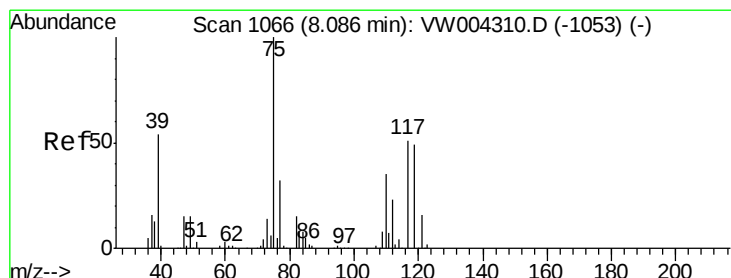
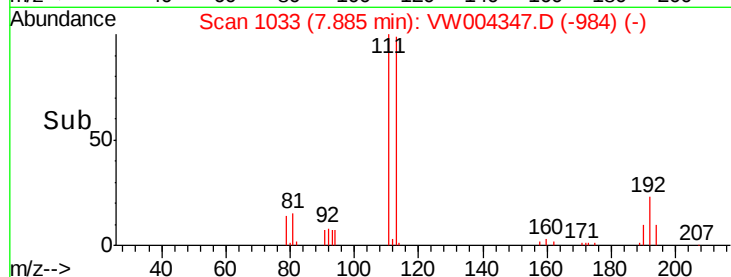
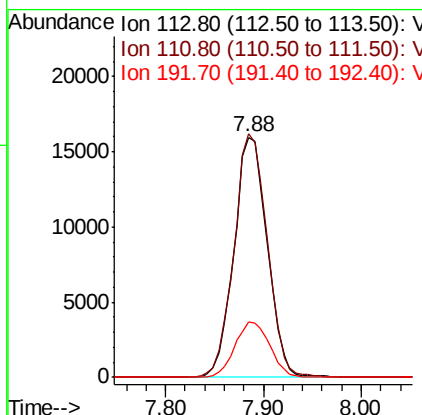
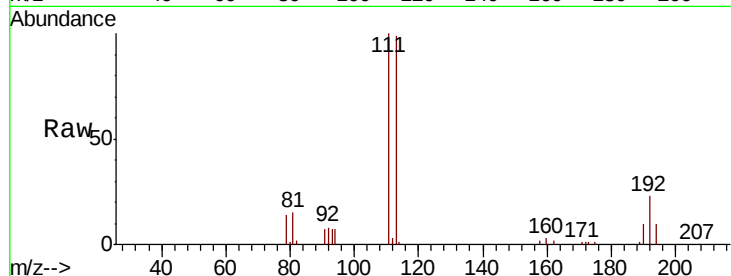




#35
 Dibromofluoromethane
 Concen: 45.160 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

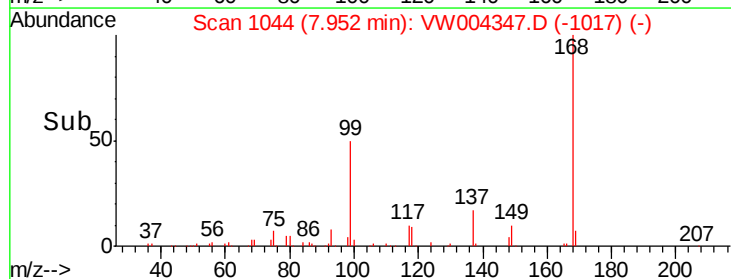
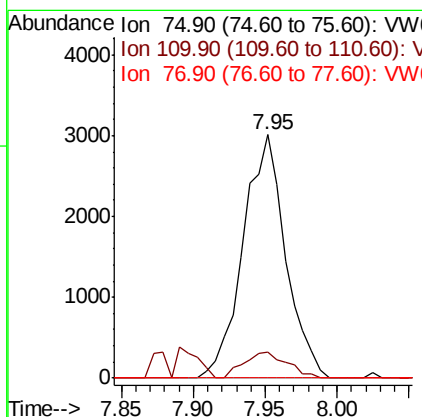
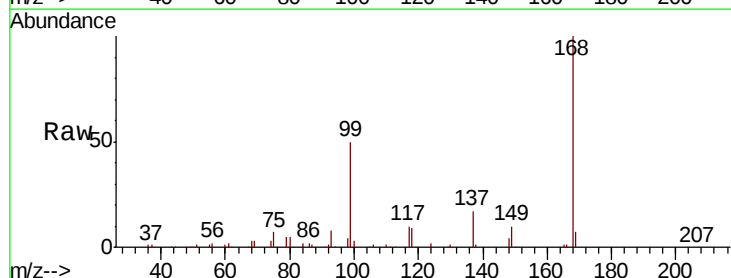
Instrument :
 MSVOA_W
 ClientSampleId :

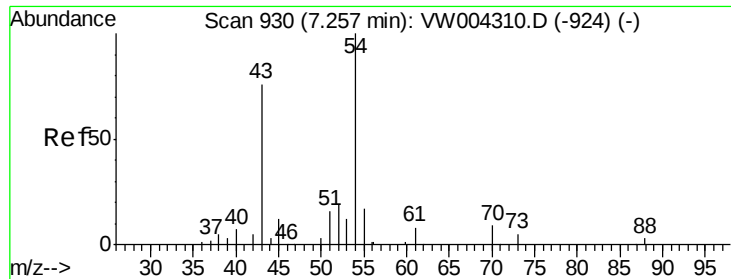
Tot Ion:113 Resp: 37660
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.1 123.1
 192 23.9 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

Tgt Ion: 75 Resp: 6136
 Ion Ratio Lower Upper
 75 100
 110 11.1 17.3 52.0#
 77 0.0 25.0 37.6#

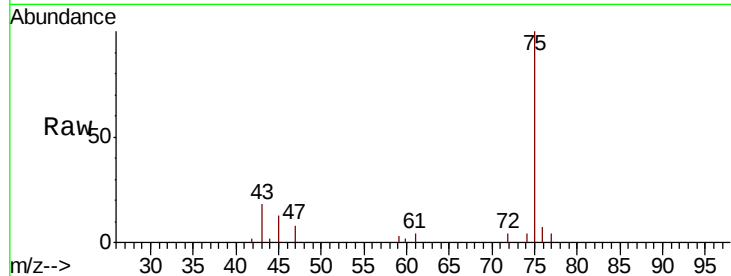




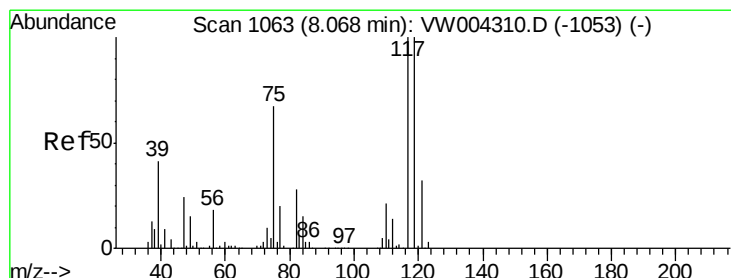
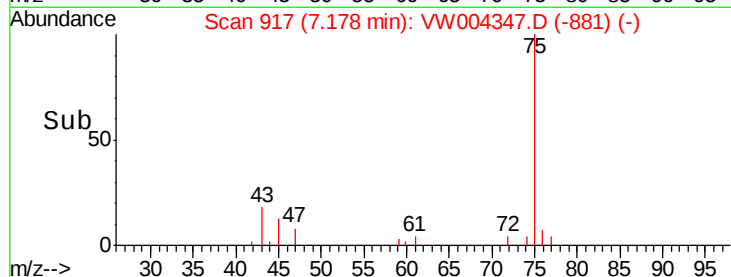
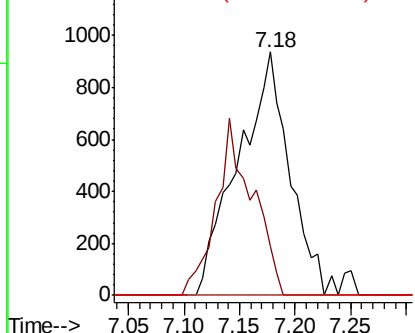
#37
Ethyl Acetate
Concen: 5.592 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.08 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 7.8 11.6#

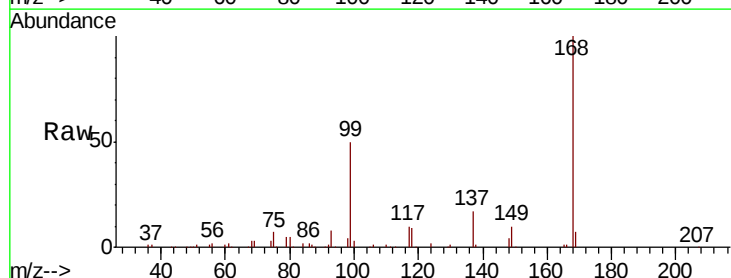


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

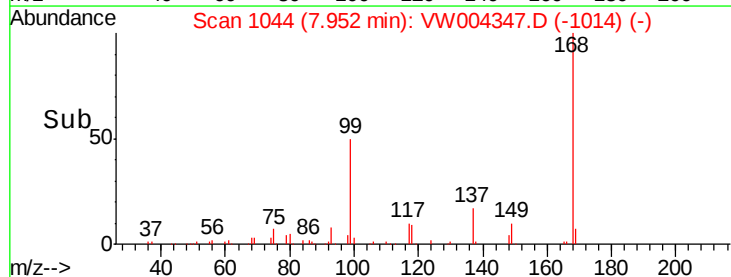
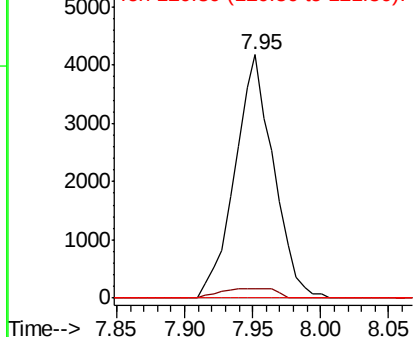


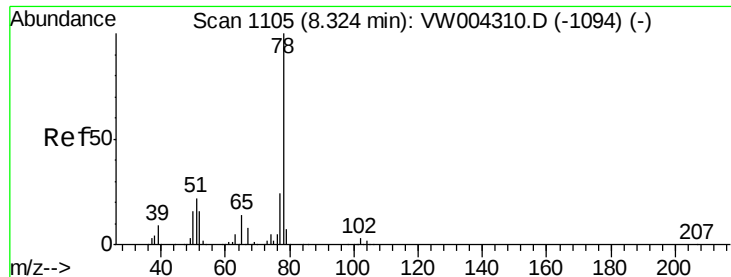
#38
Carbon Tetrachloride
Concen: 6.343 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 117 Resp: 8268
Ion Ratio Lower Upper
117 100
119 4.1 79.7 119.5#
121 0.0 25.7 38.5#



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





#40

Benzene

Concen: 50.155 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

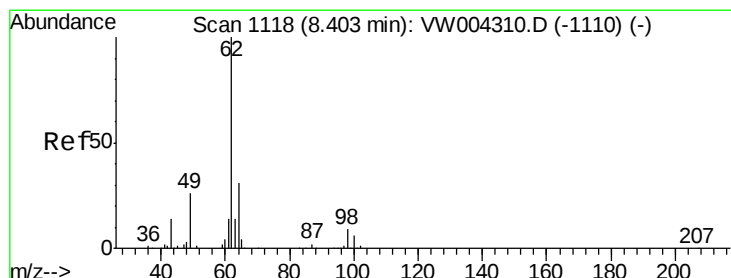
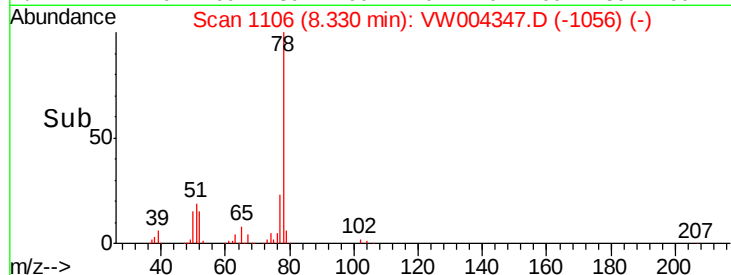
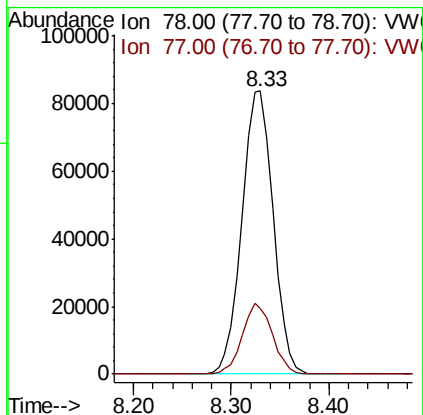
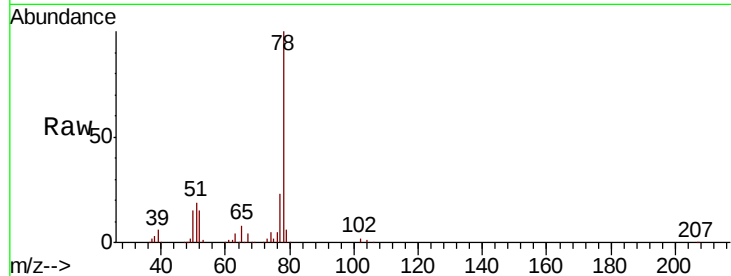
ClientSampleId :

Tot Ion: 78 Resp: 186258

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0



#42

1,2-Dichloroethane

Concen: 1.776 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. -0.07 min

Lab File: VW004347.D

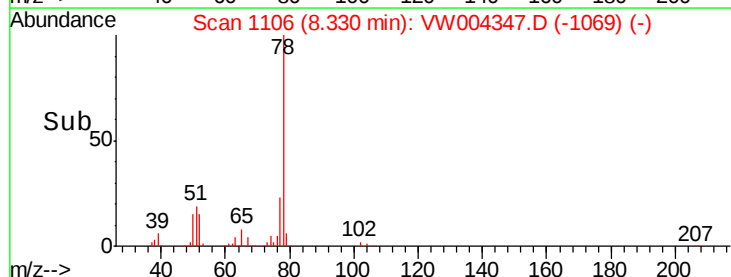
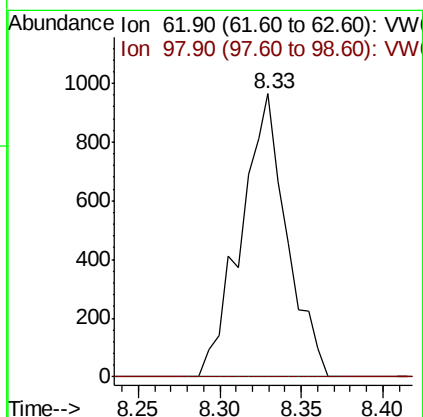
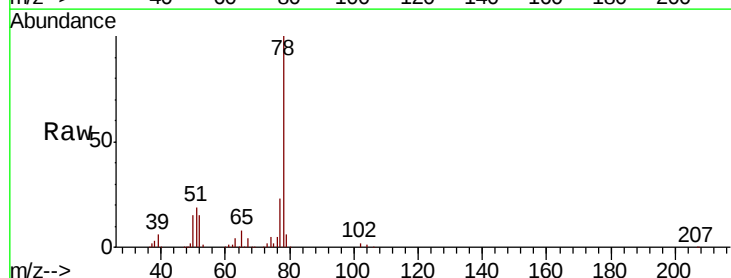
Acq: 30 Jul 2018 07:36

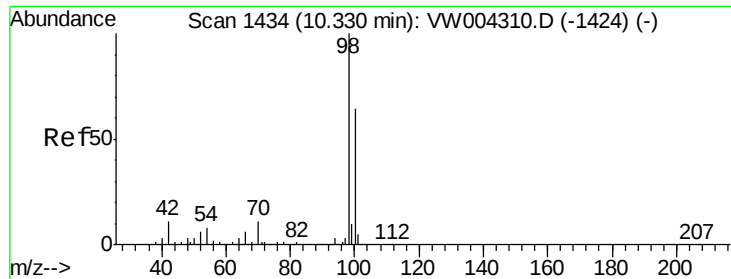
Tgt Ion: 62 Resp: 1886

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.4

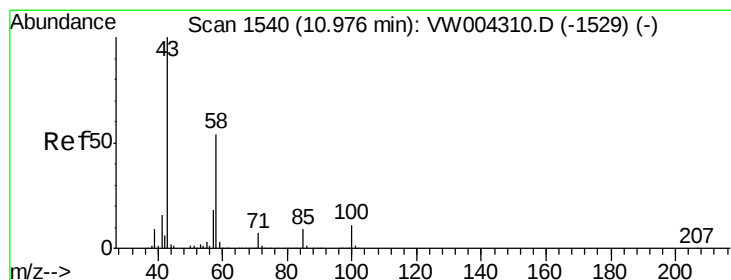
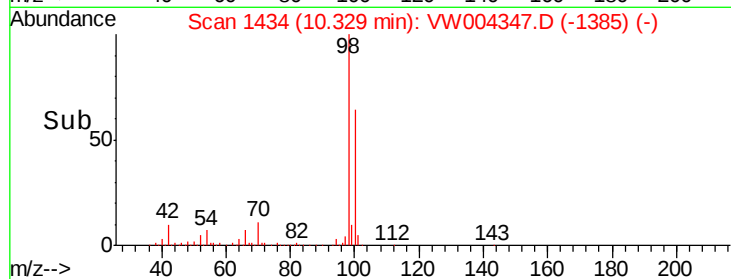
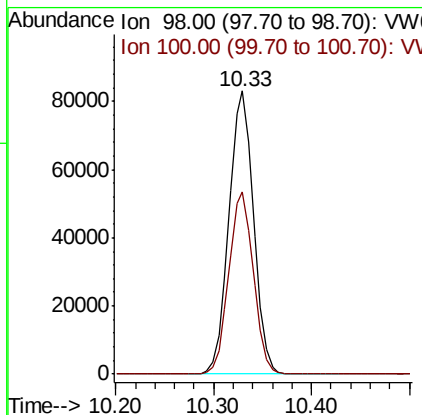
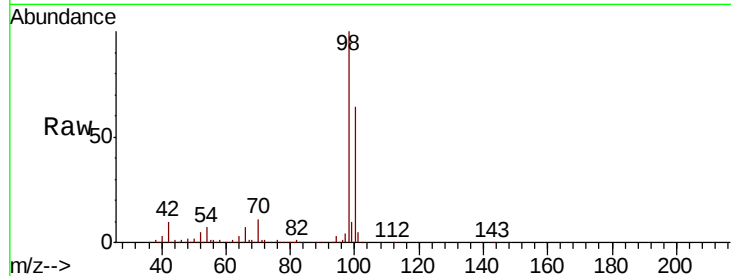




#50
Toluene-d8
Concen: 43.859 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

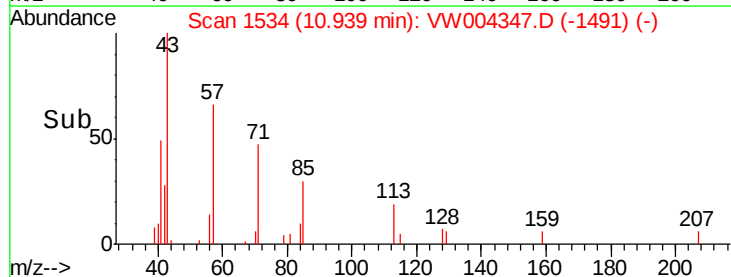
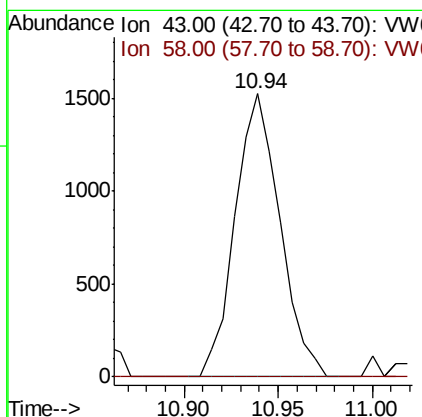
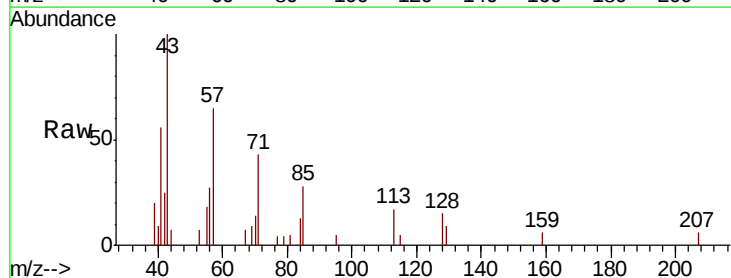
Instrument :
MSVOA_W
ClientSampleId :

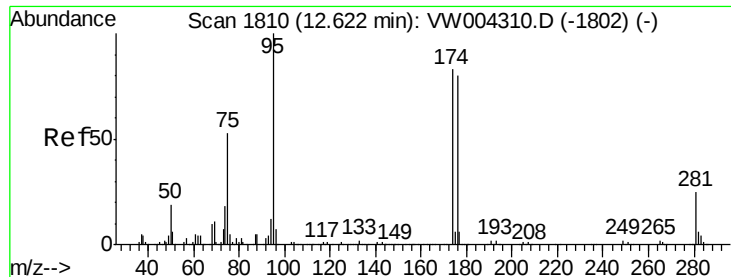
Tot Ion: 98 Resp: 144549
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#59
2-Hexanone
Concen: 6.832 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.4#

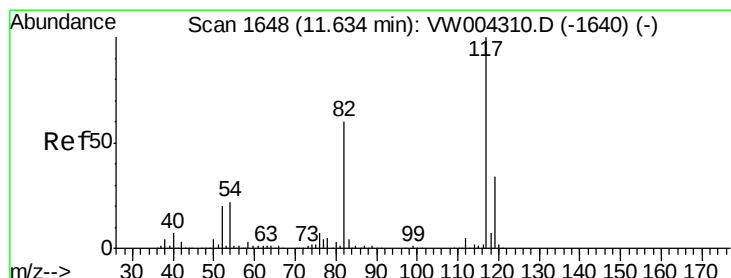
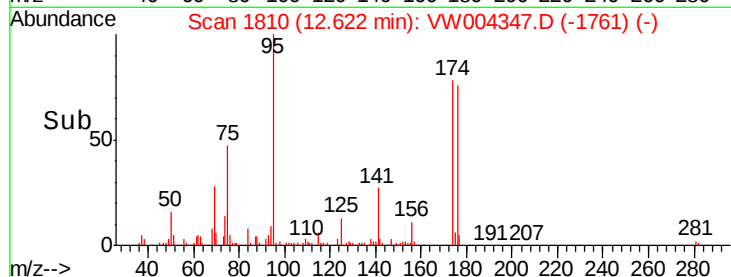
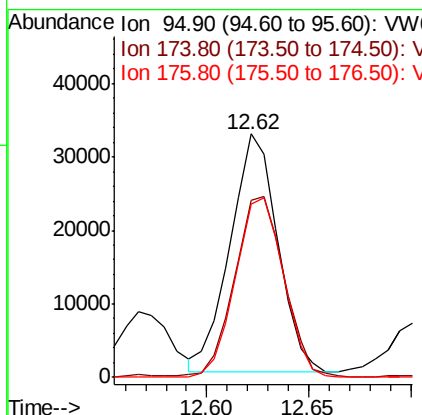
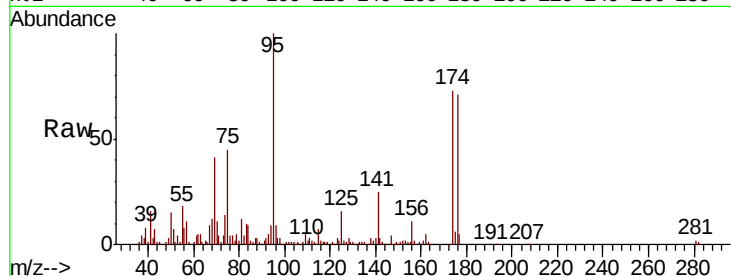




#62
4-Bromofluorobenzene
Concen: 45.168 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

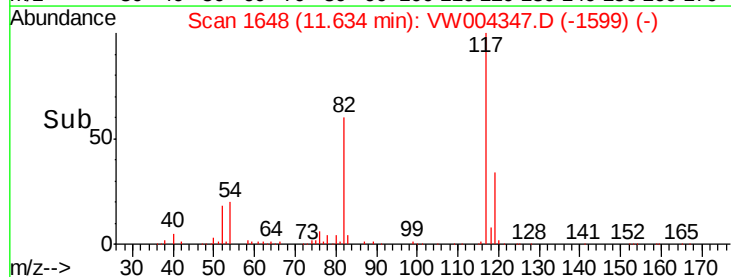
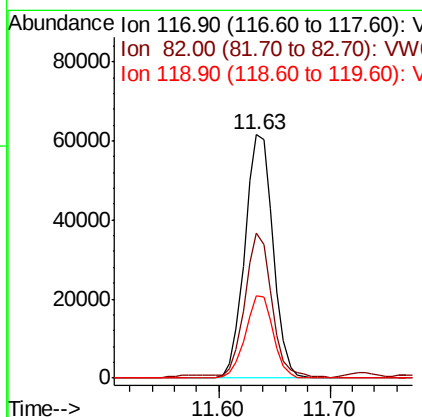
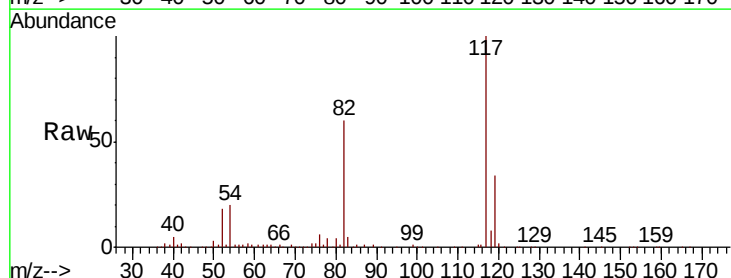
Instrument :
MSVOA_W
ClientSampleId :

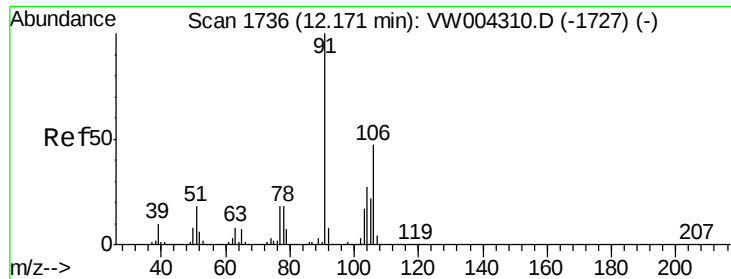
Tot Ion: 95 Resp: 52414
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.8
176 76.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion: 117 Resp: 108116
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 33.8 27.1 40.7

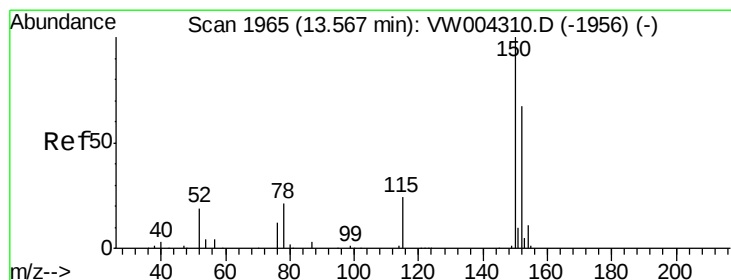
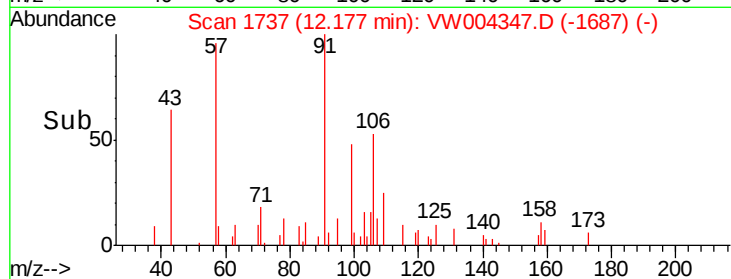
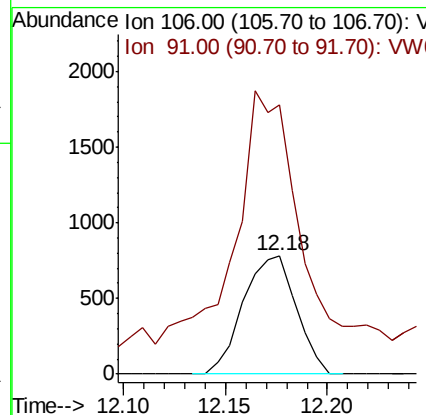
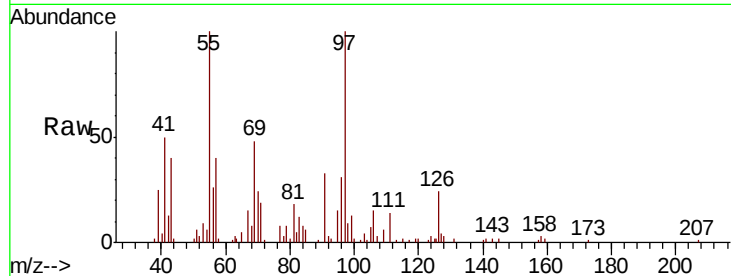




#69
o-Xylene
Concen: 1.000 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

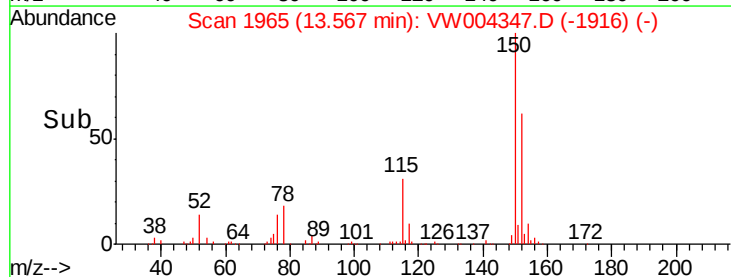
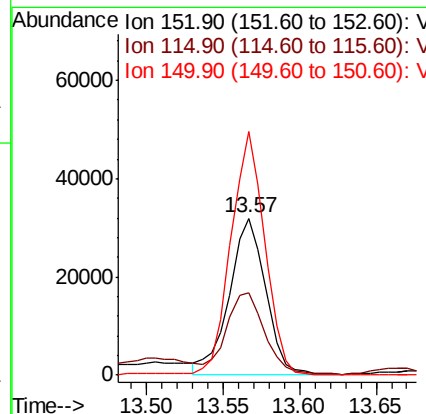
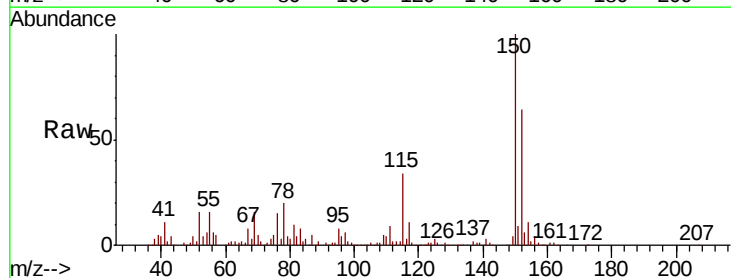
Instrument :
MSVOA_W
ClientSampled :

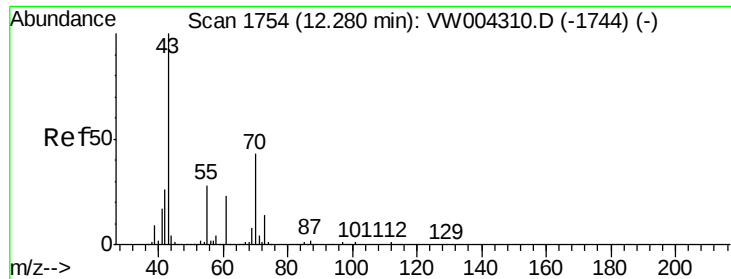
Tot Ion:106 Resp: 1408
Ion Ratio Lower Upper
106 100
91 248.4 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion:152 Resp: 51983
Ion Ratio Lower Upper
152 100
115 55.3 28.8 86.4
150 145.1 0.0 346.4





#74

N-amvl acetate

Concen: 14.043 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004347.D

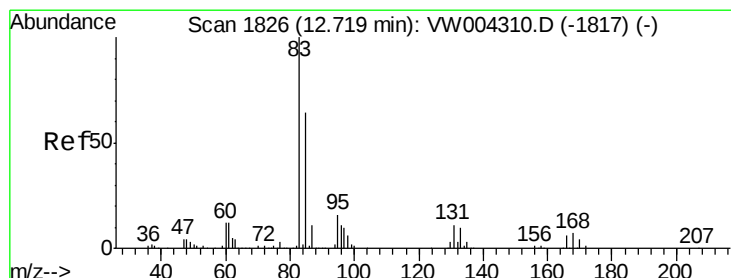
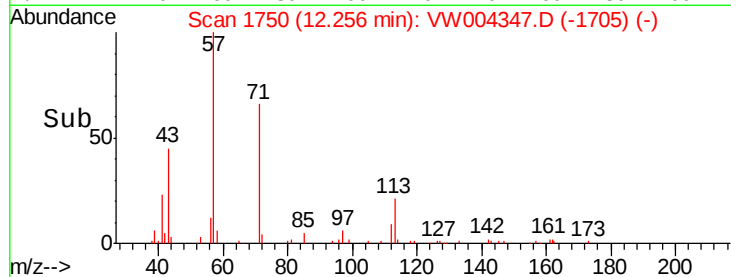
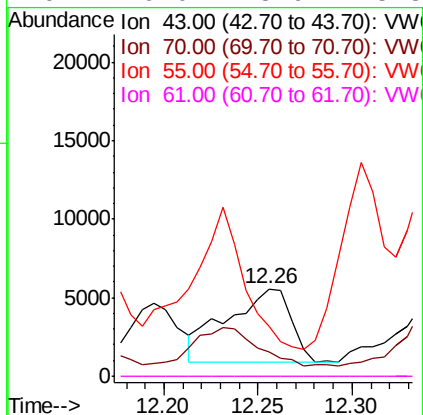
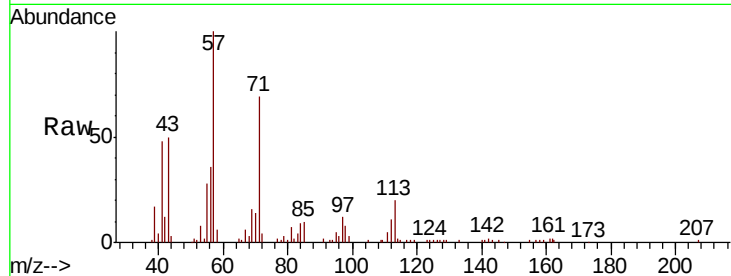
Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	10900
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	0.0	21.8	32.8#
61	0.0	18.9	28.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 15.580 ug/l

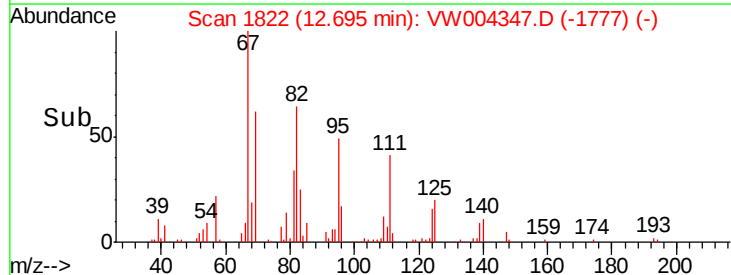
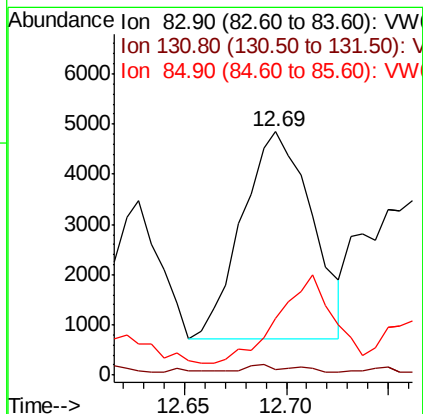
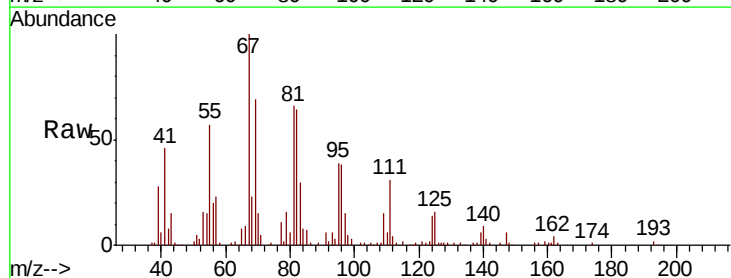
RT: 12.69 min Scan# 1822

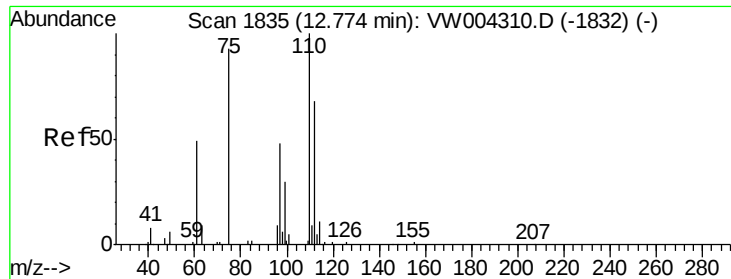
Delta R.T. -0.02 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Tgt Ion:	83	Resp:	9837
Ion	Ratio	Lower	Upper
83	100		
131	2.7	5.5	16.4#
85	0.0	31.9	95.9#





#76

1,2,3-Trichloropropane

Concen: 51.829 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

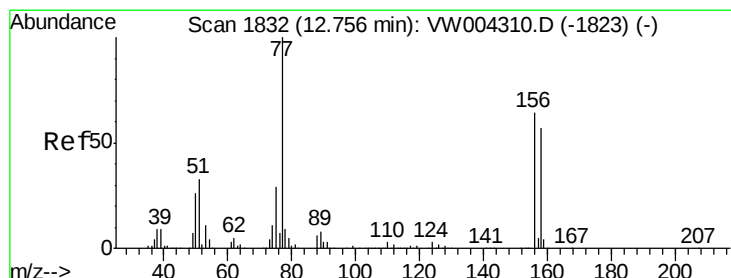
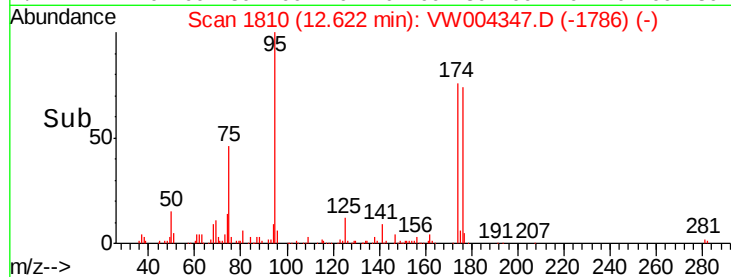
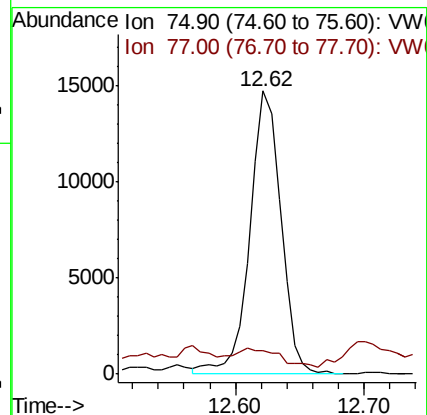
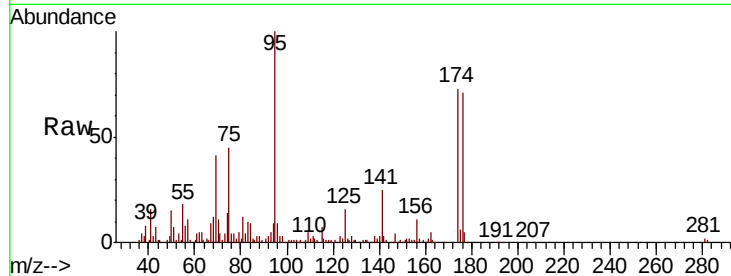
ClientSampleId :

Tot Ion: 75 Resp: 24589

Ion Ratio Lower Upper

75 100

77 9.7 0.0 0.0#



#77

Bromobenzene

Concen: 34.390 ug/l

RT: 12.59 min Scan# 1804

Delta R.T. -0.17 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

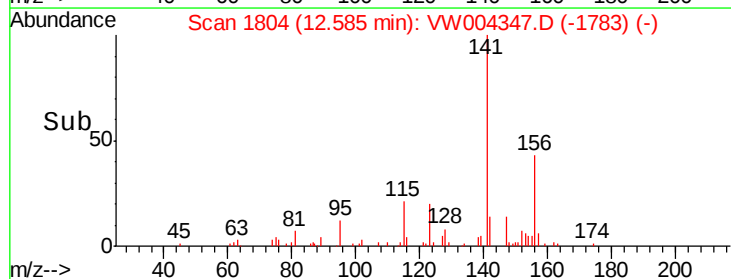
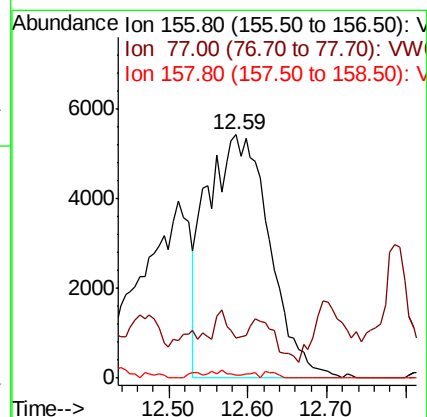
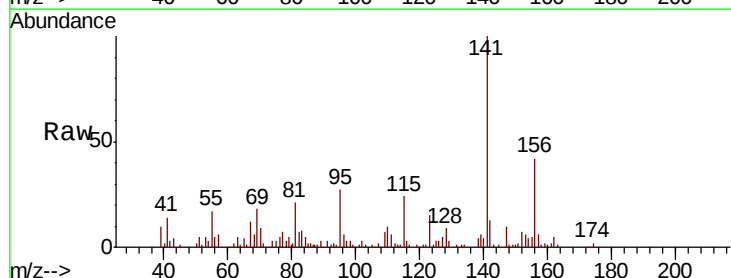
Tgt Ion: 156 Resp: 29951

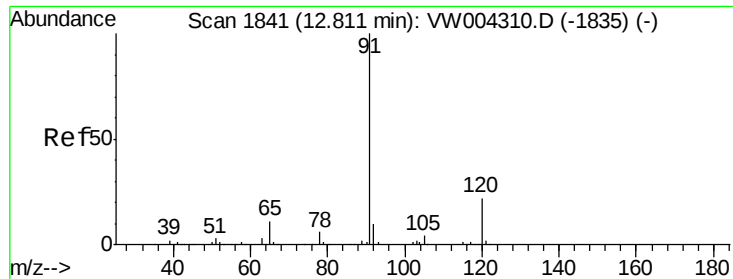
Ion Ratio Lower Upper

156 100

77 2.2 92.9 278.7#

158 1.0 47.6 142.8#





#78

n-propylbenzene

Concen: 1.286 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

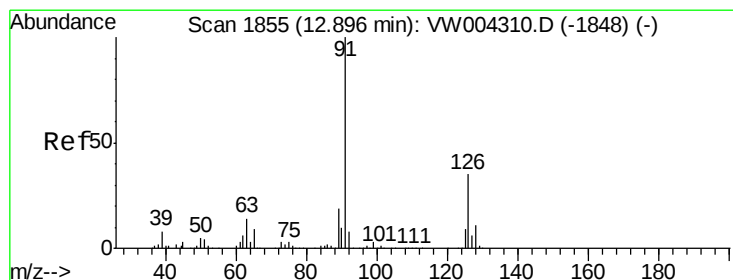
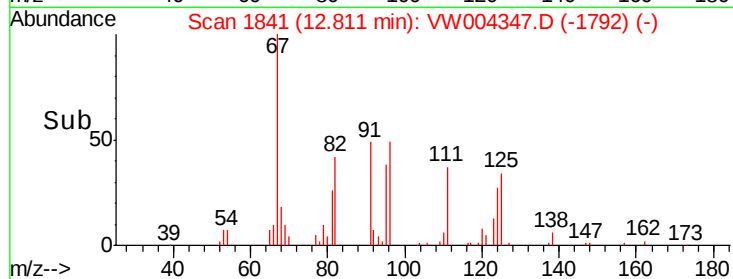
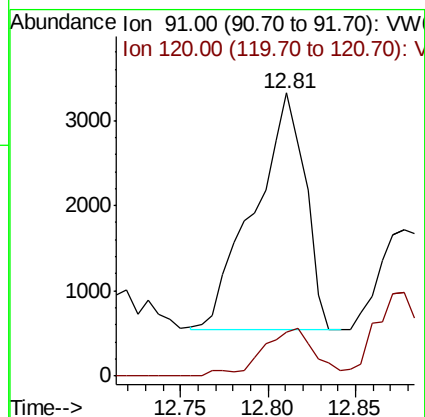
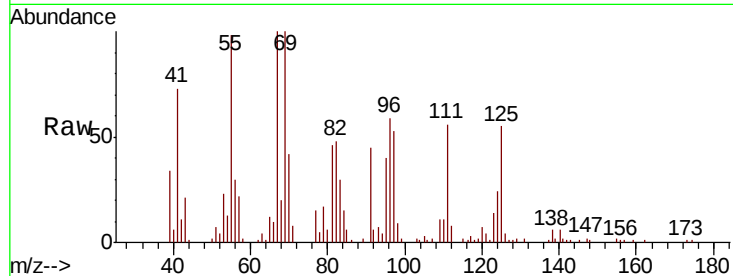
ClientSampled :

Tot Ion: 91 Resp: 5648

Ion Ratio Lower Upper

91 100

120 20.4 11.3 33.8



#79

2-Chlorotoluene

Concen: 1.394 ug/l

RT: 12.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: VW004347.D

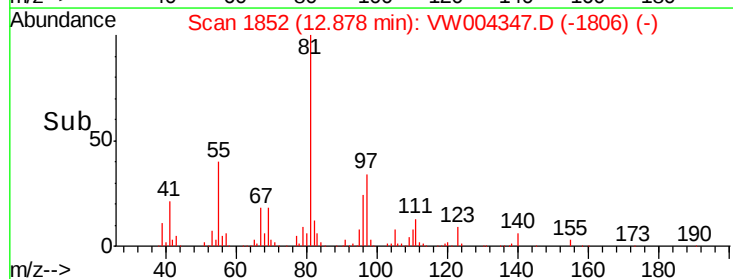
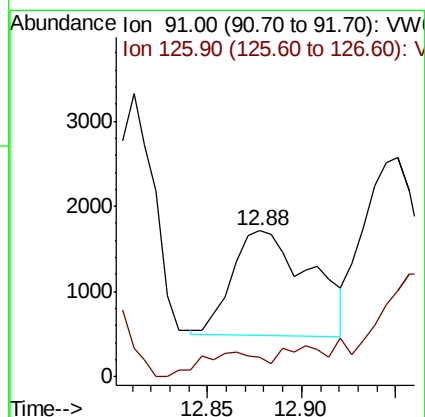
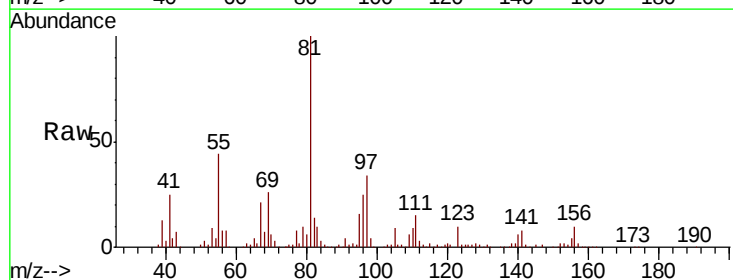
Acq: 30 Jul 2018 07:36

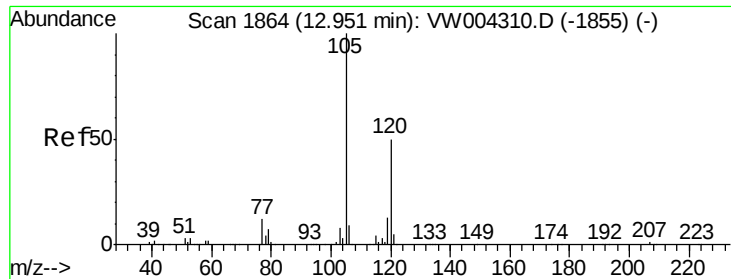
Tgt Ion: 91 Resp: 3500

Ion Ratio Lower Upper

91 100

126 18.8 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 4.085 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

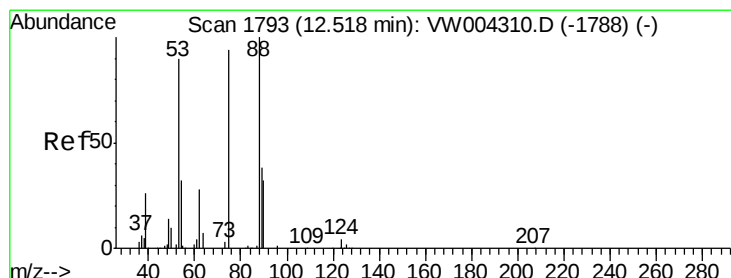
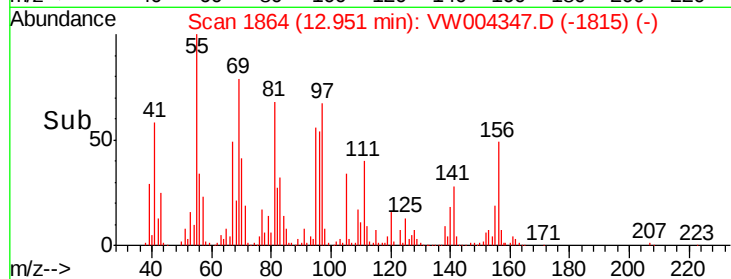
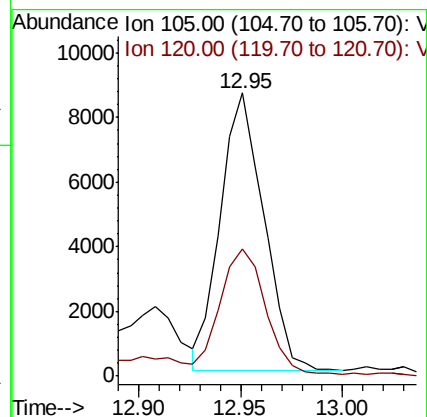
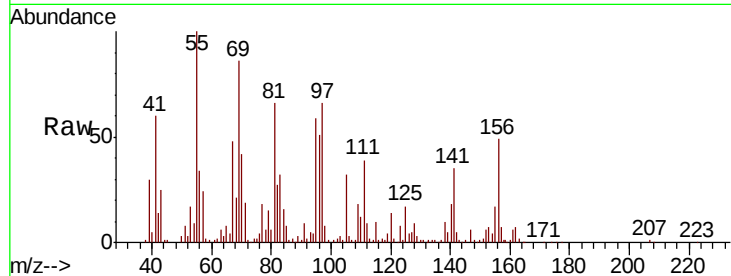
ClientSampleId :

Tot Ion:105 Resp: 12685

Ion Ratio Lower Upper

105 100

120 46.9 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 120.600 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

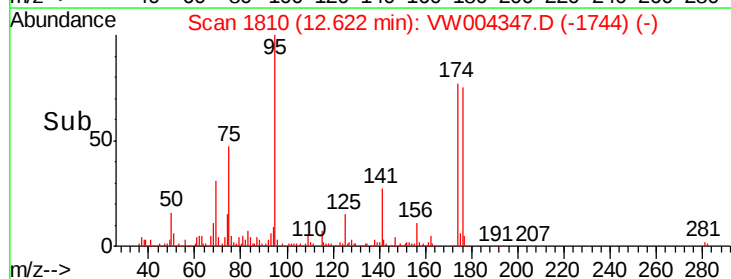
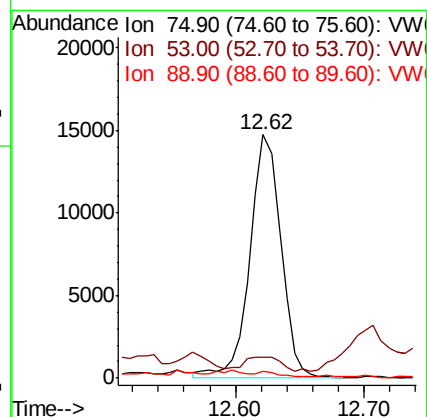
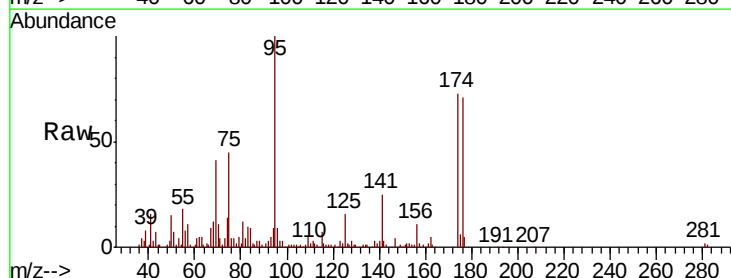
Tgt Ion: 75 Resp: 24589

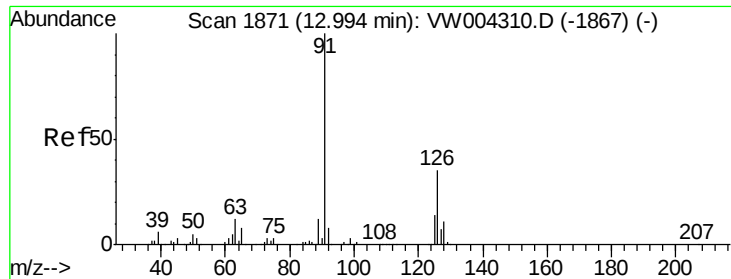
Ion Ratio Lower Upper

75 100

53 7.5 77.6 116.4#

89 1.3 36.0 54.0#





#82

4-Chlorotoluene

Concen: 1.228 ug/l

RT: 12.88 min Scan# 1852

Delta R.T. -0.12 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

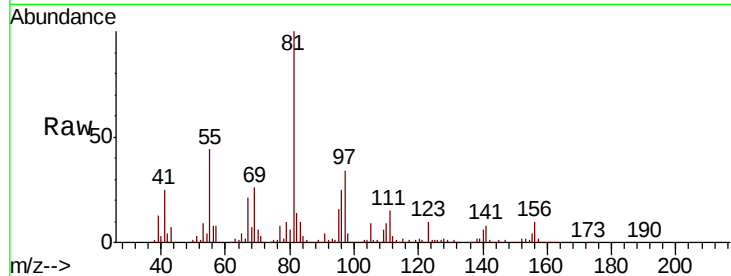
ClientSampled :

Tot Ion: 91 Resp: 3264

Ion Ratio Lower Upper

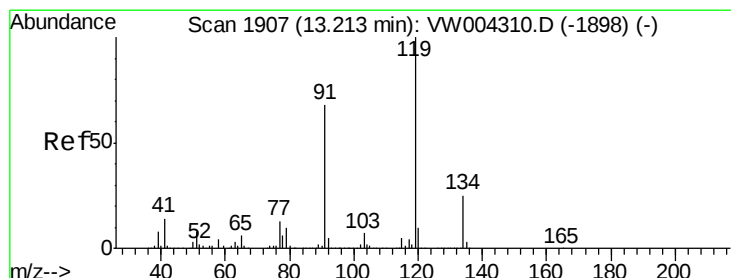
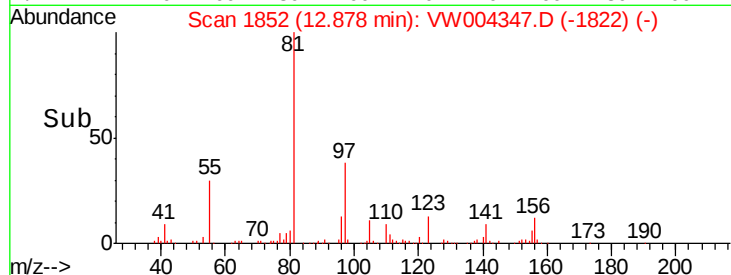
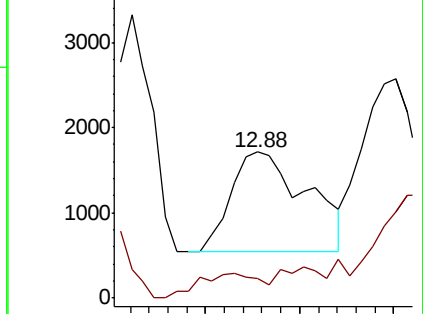
91 100

126 20.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 7.435 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

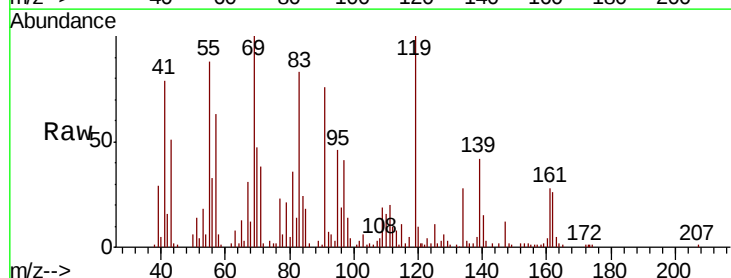
Tgt Ion: 119 Resp: 19234

Ion Ratio Lower Upper

119 100

91 74.5 32.8 98.3

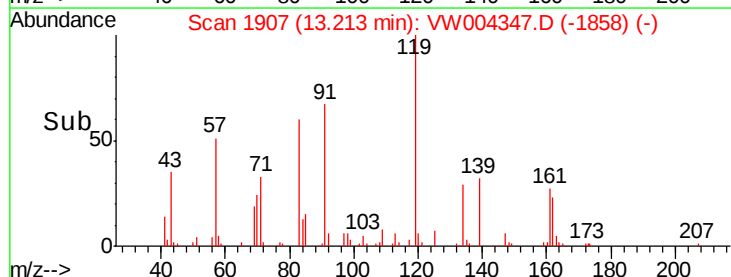
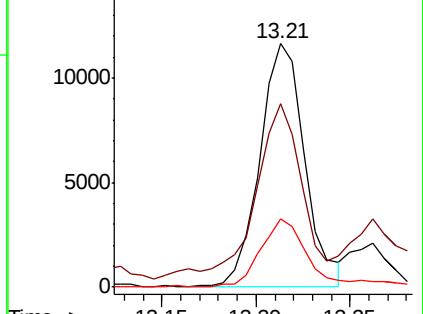
134 28.5 12.2 36.6

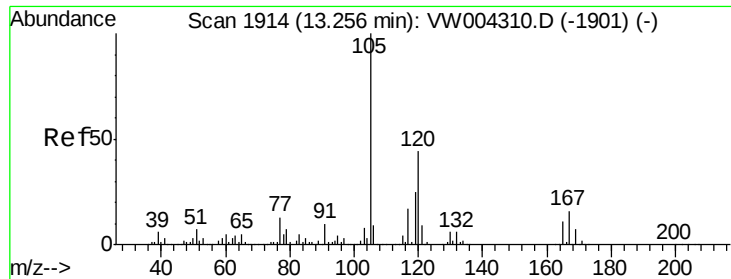


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

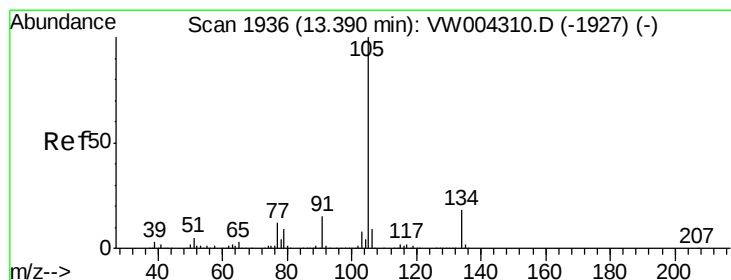
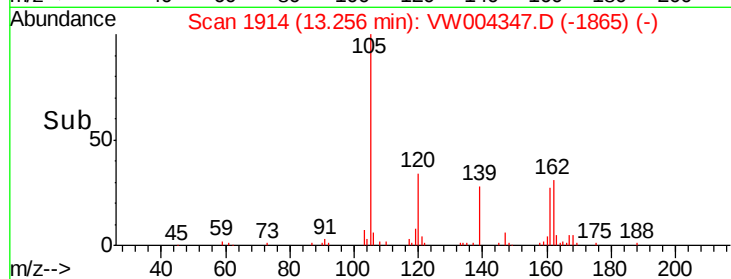
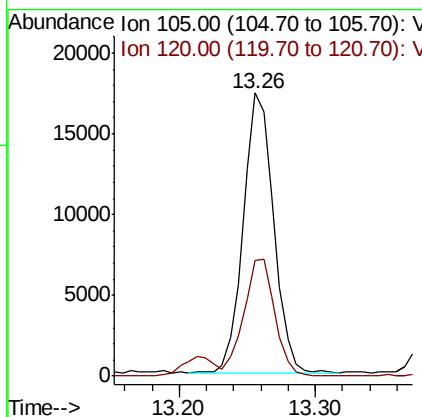
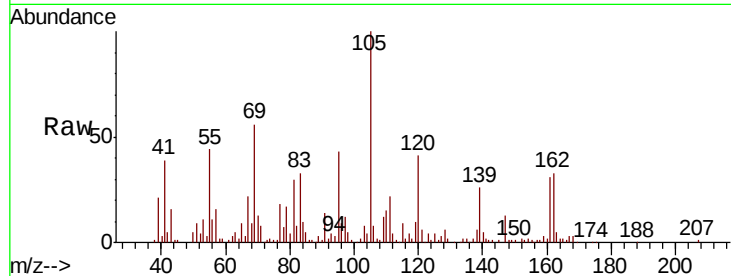




#84
 1,2,4-Trimethylbenzene
 Concen: 8.516 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

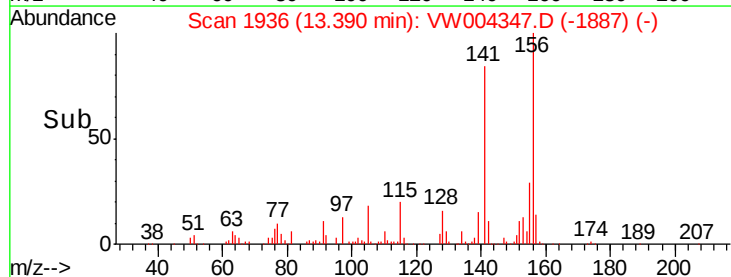
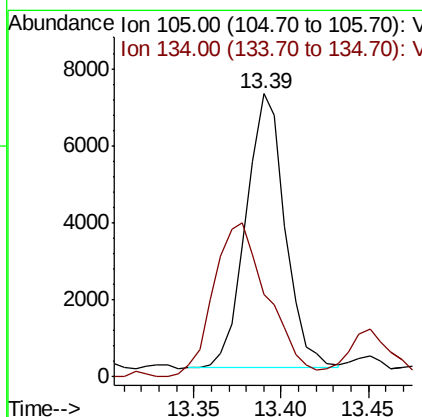
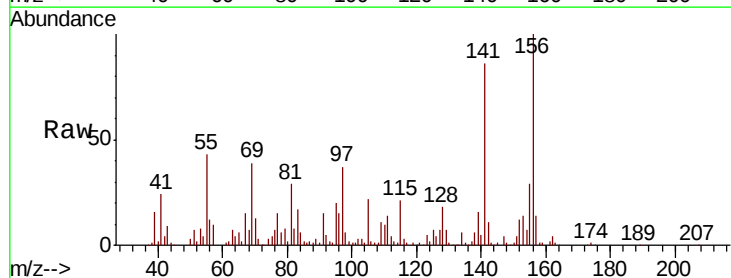
Instrument :
 MSVOA_W
 ClientSampled :

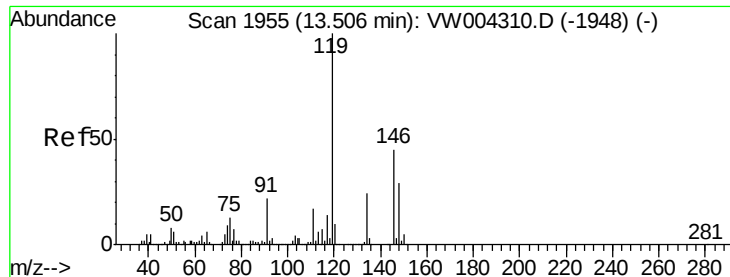
Tot Ion:105 Resp: 26970
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 2.928 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004347.D
 Acq: 30 Jul 2018 07:36

Tgt Ion:105 Resp: 11065
 Ion Ratio Lower Upper
 105 100
 134 77.9 9.6 28.8#

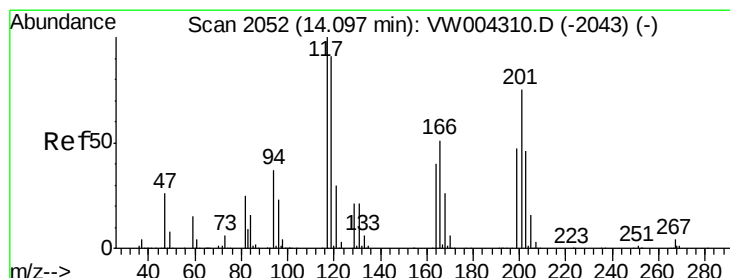
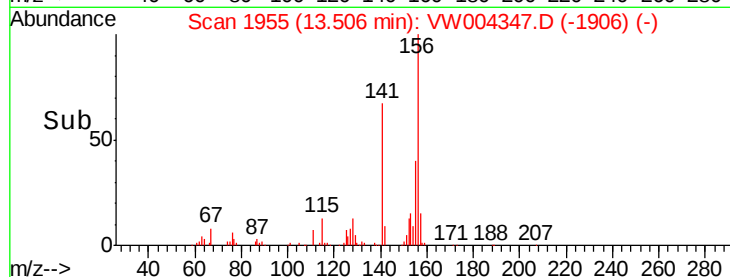
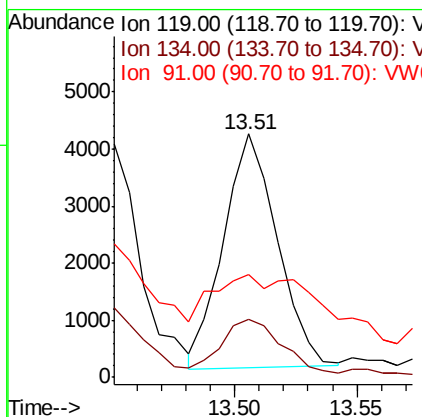
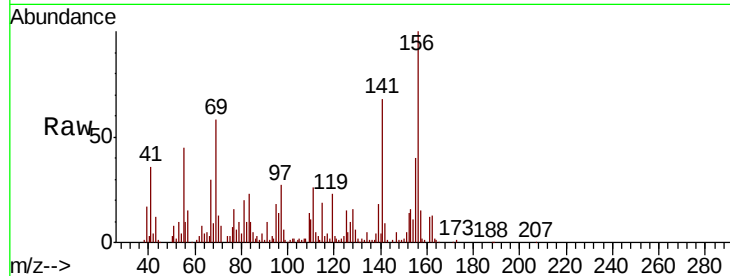




#86
p-Isopropyltoluene
Concen: 1.839 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

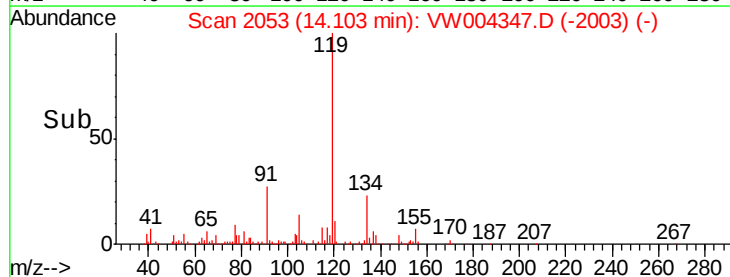
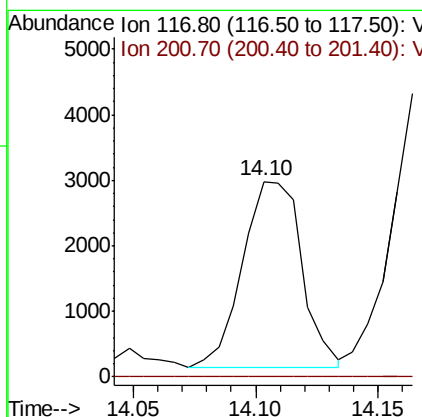
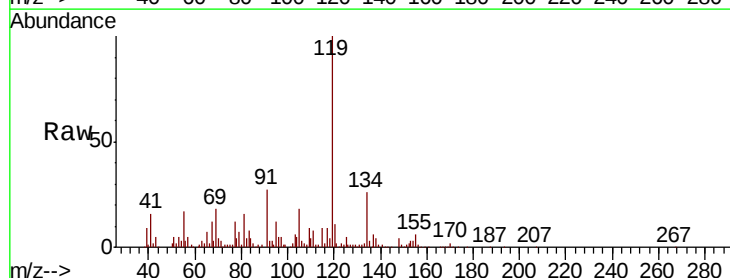
Instrument :
MSVOA_W
ClientSampleId :

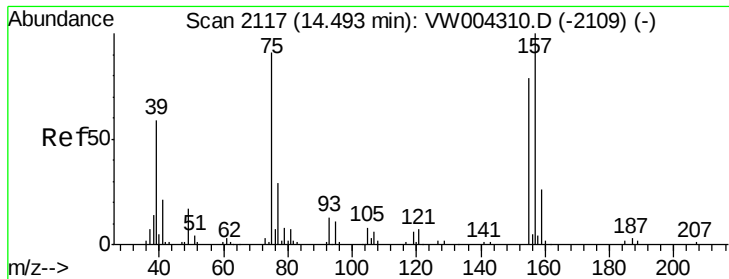
Tot Ion:119 Resp: 6242
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 60.4 11.3 33.9#



#90
Hexachloroethane
Concen: 7.876 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004347.D
Acq: 30 Jul 2018 07:36

Tgt Ion:117 Resp: 4767
Ion Ratio Lower Upper
117 100
201 0.0 41.5 124.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.395 ug/l

RT: 14.52 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

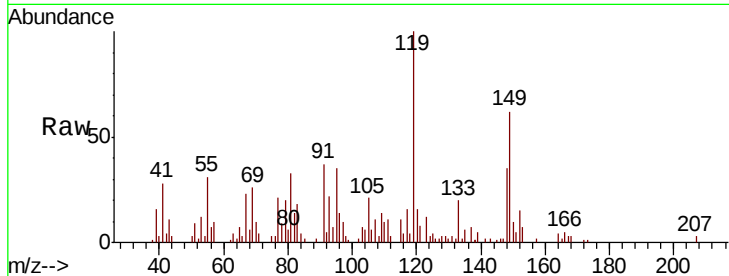
Tot Ion: 75 Resp: 264

Ion Ratio Lower Upper

75 100

155 0.0 41.4 124.4#

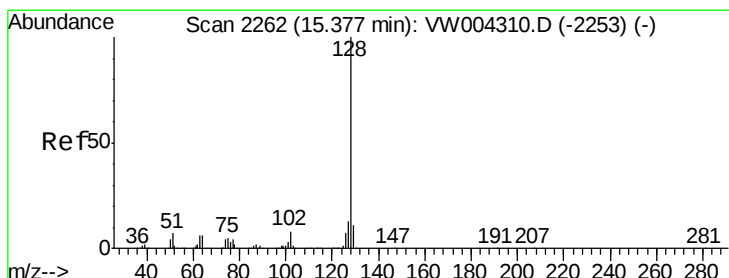
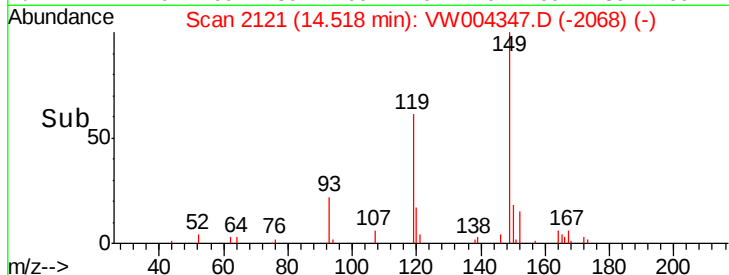
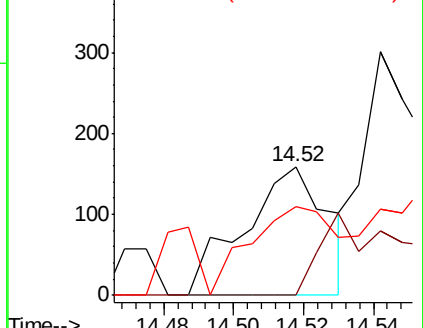
157 0.0 55.2 165.6#



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: 6.174 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004347.D

Acq: 30 Jul 2018 07:36

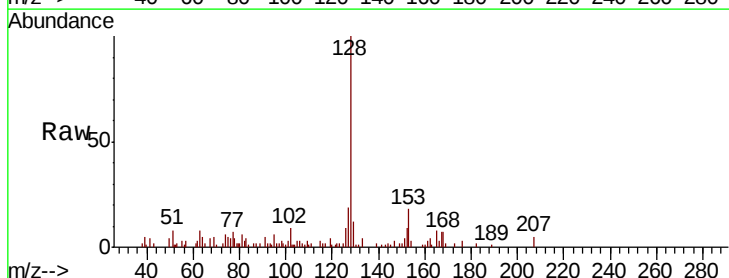
Tgt Ion: 128 Resp: 11637

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 8.2 8.6 13.0#



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

