

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004355.D
 Acq On : 30 Jul 2018 11:02
 Operator : SY/AP
 Sample : J4126-11RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 11:47:03 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	96019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24163	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	54187	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	7.89	113	50619	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.33	98	92478	23.19	ug/l	0.00
Spiked Amount			Recovery	=	46.38%	
62) 4-Bromofluorobenzene	12.62	95	30300	21.58	ug/l	0.00
Spiked Amount			Recovery	=	43.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.64	94	20	Below Cal	#	4
6) Chloroethane	2.77	64	22	Below Cal	#	45
8) Diethyl Ether	3.67	74	128	Below Cal	#	1
11) Tert butyl alcohol	5.19	59	446	2.770	ug/l #	72
14) Allyl chloride	4.91	41	46	1.539	ug/l #	25
16) Acetone	4.12	43	100785	457.445	ug/l	98
17) Carbon Disulfide	4.37	76	32788	11.697	ug/l	96
18) Methyl Acetate	4.67	43	3291	6.870	ug/l	96
20) Methylene Chloride	4.90	84	7819	7.104	ug/l #	84
25) 2-Butanone	7.18	43	25018	93.003	ug/l	91
29) Tetrahydrofuran	7.54	42	222	3.843	ug/l #	84
31) Cyclohexane	7.95	56	2057	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6188	3.875	ug/l #	50
37) Ethyl Acetate	7.27	43	1752	2.677	ug/l #	94
38) Carbon Tetrachloride	7.95	117	8403	5.329	ug/l #	14
40) Benzene	8.33	78	4779	1.064	ug/l	94
41) Methacrylonitrile	7.54	41	81	2.278	ug/l #	26
52) Toluene	10.39	92	4398	1.559	ug/l	94
55) 1,1,2-Trichloroethane	10.77	97	1744	2.150	ug/l #	25
59) 2-Hexanone	10.94	43	2315	5.209	ug/l #	30
67) Ethyl Benzene	11.74	91	28073	9.062	ug/l	100
68) m/p-Xylenes	11.84	106	6568	5.509	ug/l	97
69) o-Xylene	12.18	106	2500	2.270	ug/l	79
70) Styrene	12.19	104	5512	2.962	ug/l #	90
73) Isopropylbenzene	12.47	105	35681	21.296	ug/l	97
74) N-amyl acetate	12.26	43	3941	11.339	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.69	83	913	3.111	ug/l #	25
76) 1,2,3-Trichloropropane	12.92	75	11424	51.804	ug/l #	100
77) Bromobenzene	12.94	156	722557	1784.873	ug/l #	1
78) n-propylbenzene	12.81	91	29318	14.364	ug/l	96
79) 2-Chlorotoluene	12.90	91	13984	11.978	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	89826	62.234	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	6185	65.261	ug/l #	44
82) 4-Chlorotoluene	12.95	91	12430	10.062	ug/l #	1

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QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

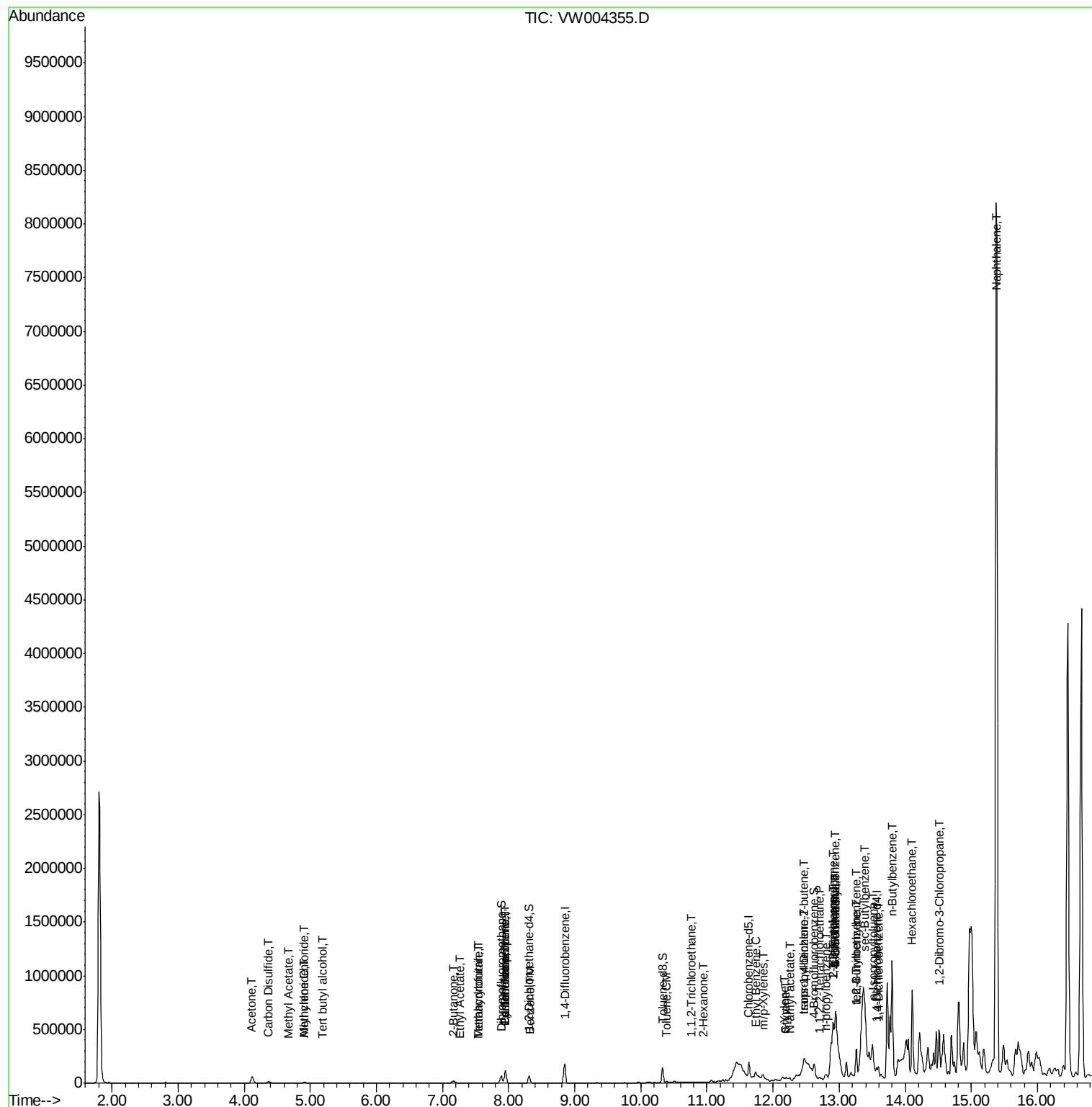
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.26	119	20675	17.194	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	151495	102.915	ug/l	99
85) sec-Butylbenzene	13.39	105	12592	7.169	ug/l #	42
86) p-Isopropyltoluene	13.51	119	69569	44.101	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	1394	1.724	ug/l #	34
89) n-Butylbenzene	13.80	91	146817	99.668	ug/l #	1
90) Hexachloroethane	14.11	117	42379	150.626	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.52	75	1485	28.985	ug/l #	1
95) Naphthalene	15.38	128	7457436	8511.462	ug/l	99

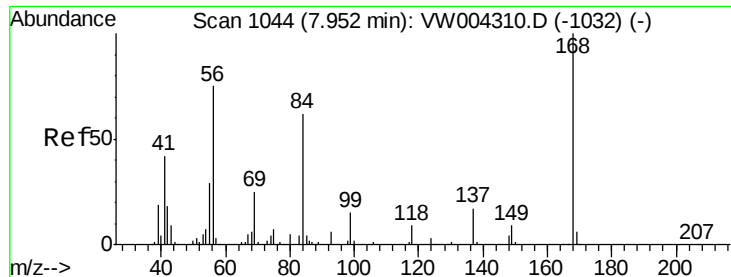
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004355.D

Acq: 30 Jul 2018 11:02

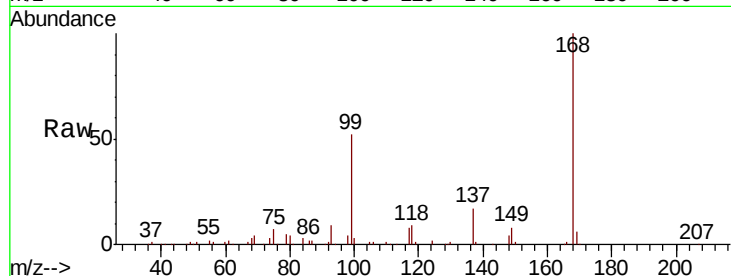
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 96019

Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

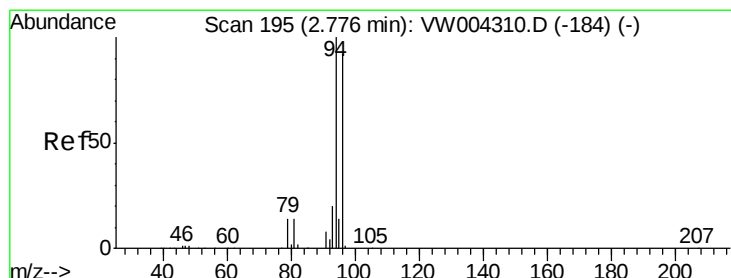
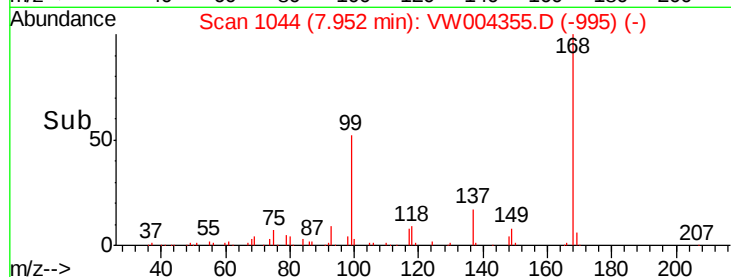
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.64 min Scan# 173

Delta R.T. -0.13 min

Lab File: VW004355.D

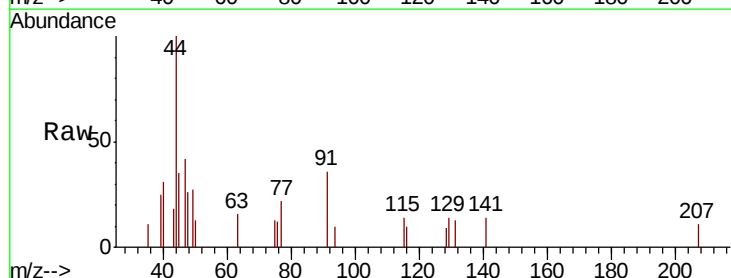
Acq: 30 Jul 2018 11:02

Tgt Ion: 94 Resp: 20

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.64

60

50

40

30

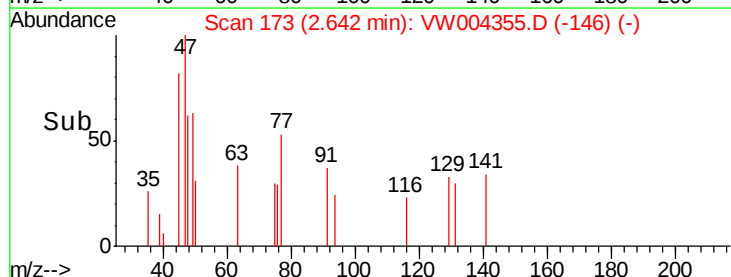
20

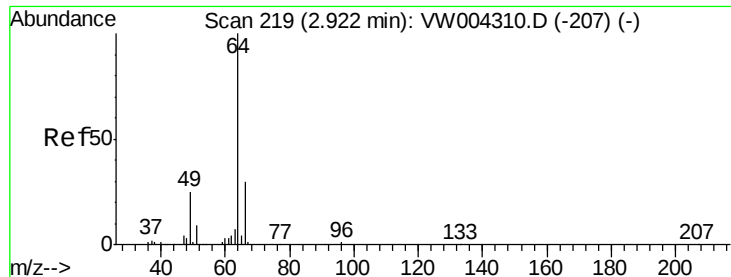
10

0

2.62 2.63 2.64 2.65 2.66

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.15 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

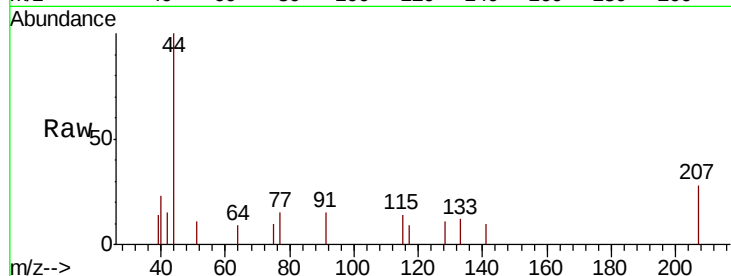
ClientSampled :

Tot Ion: 64 Resp: 22

Ion Ratio Lower Upper

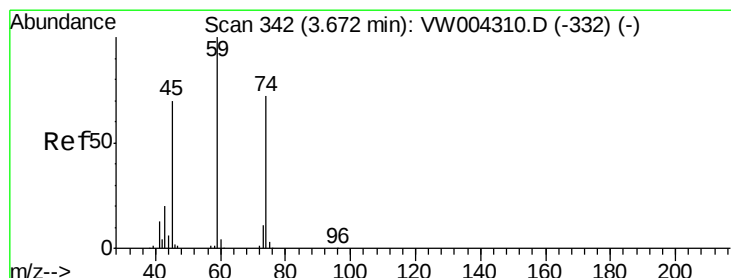
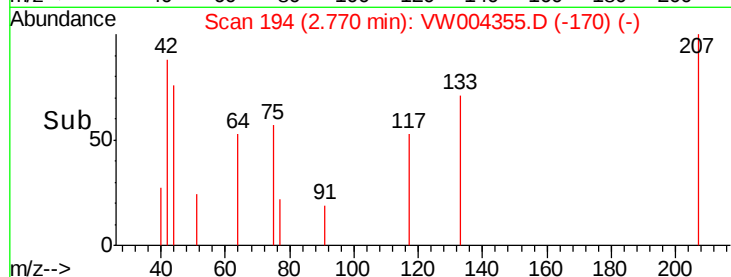
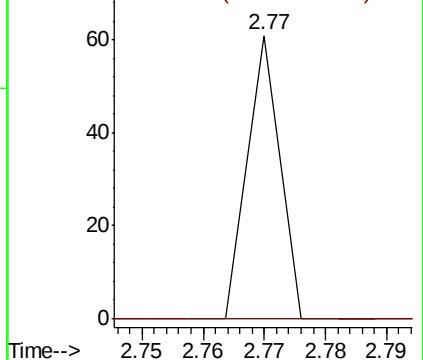
64 100

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: 3.67 min Scan# 341

Delta R.T. -0.01 min

Lab File: VW004355.D

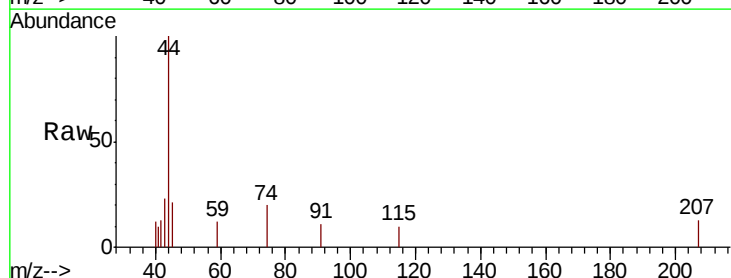
Acq: 30 Jul 2018 11:02

Tgt Ion: 74 Resp: 128

Ion Ratio Lower Upper

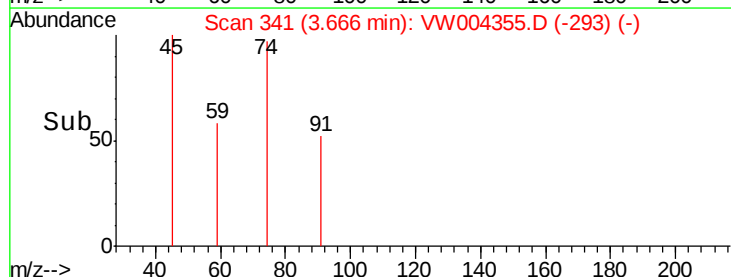
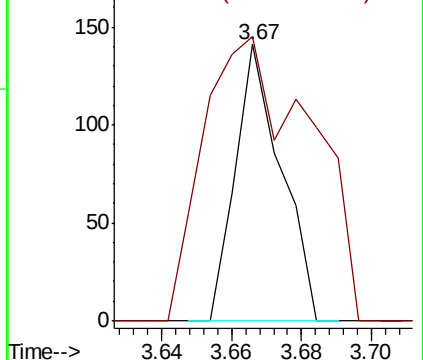
74 100

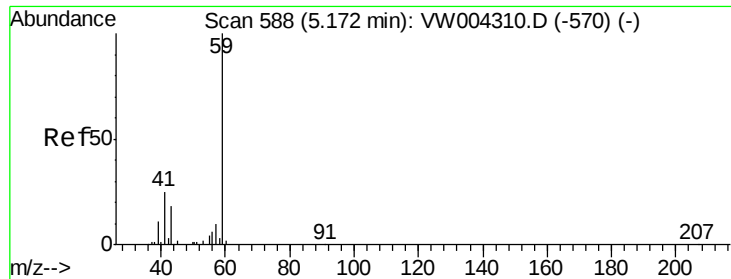
45 239.1 49.4 148.0#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



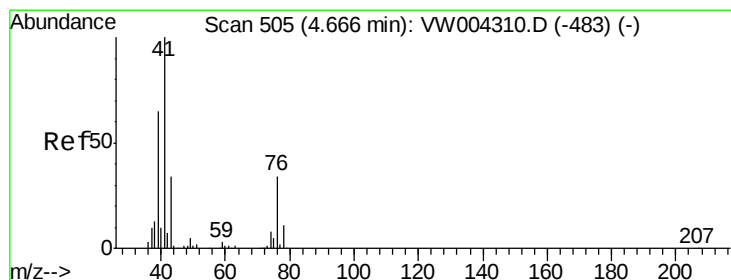
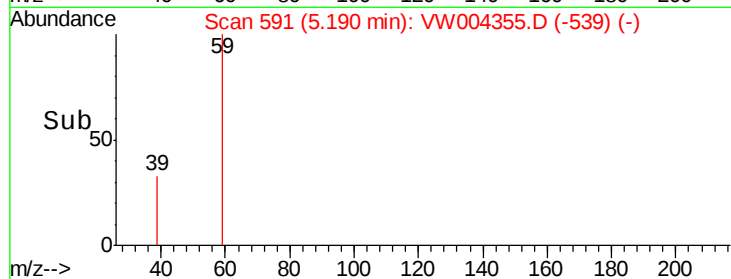
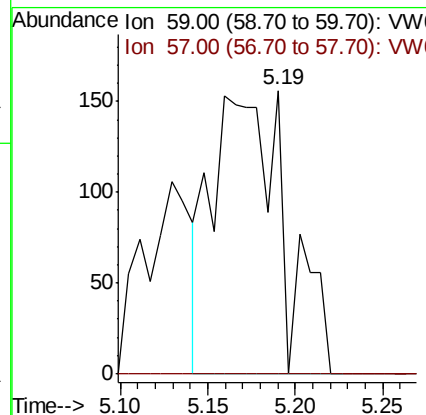
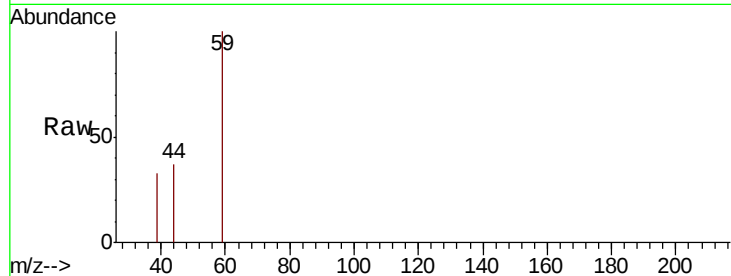


#11

Tert butyl alcohol
 Concen: 2.770 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :

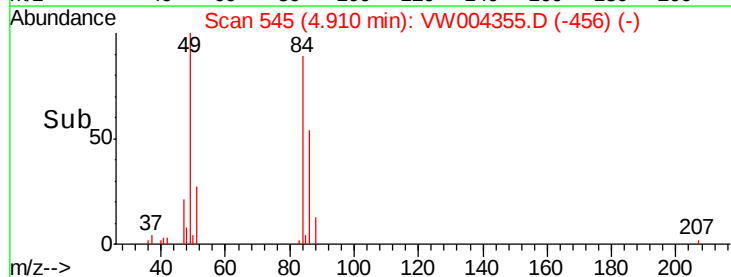
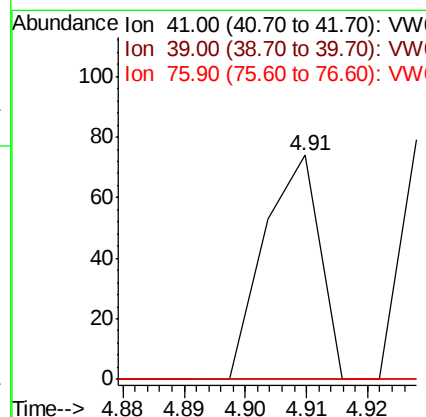
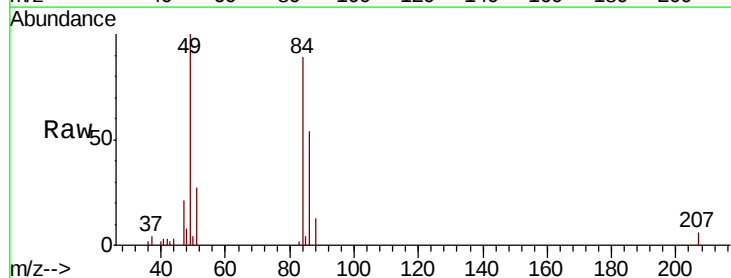
Tot Ion: 59 Resp: 446
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

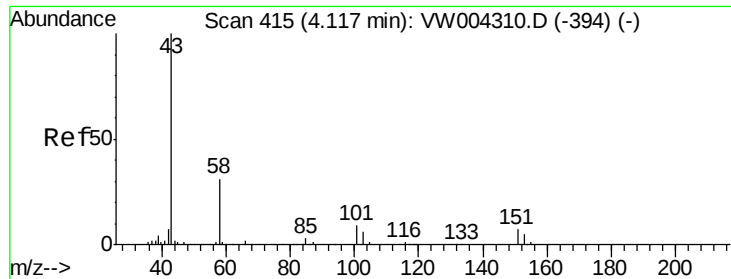


#14

Allyl chloride
 Concen: 1.539 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.24 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion: 41 Resp: 46
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.3 78.5#
 76 0.0 27.3 40.9#





#16

Acetone

Concen: 457.445 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

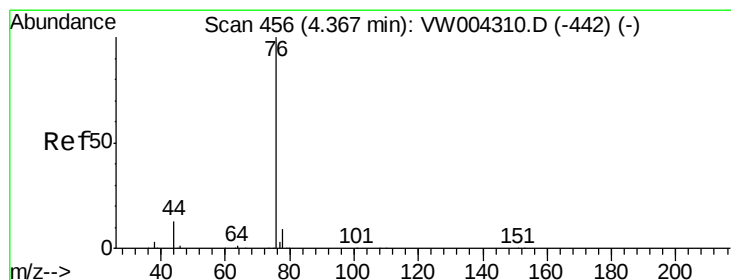
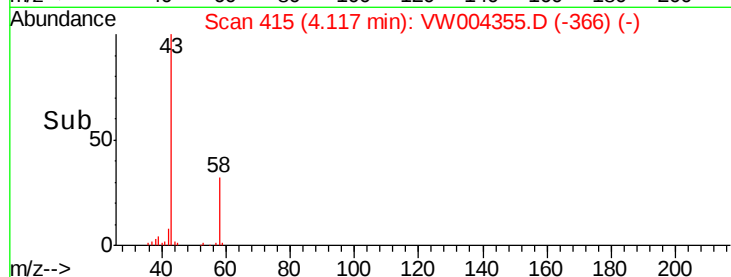
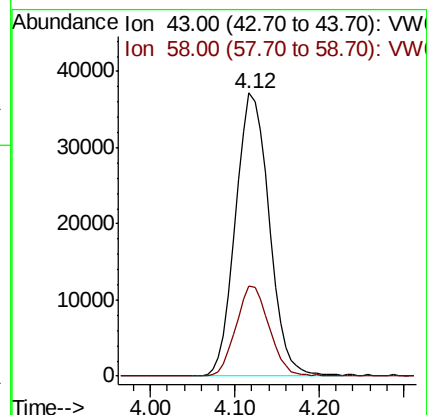
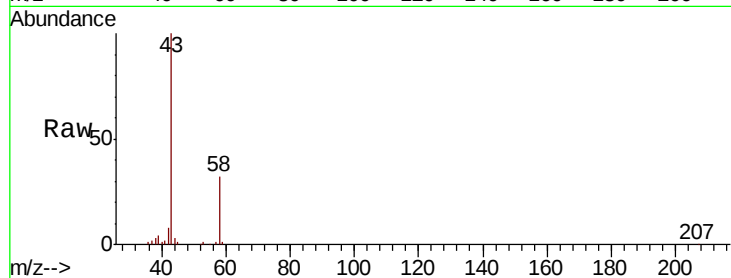
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 100785

Ion Ratio Lower Upper

43 100

58 31.9 24.8 37.2



#17

Carbon Disulfide

Concen: 11.697 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004355.D

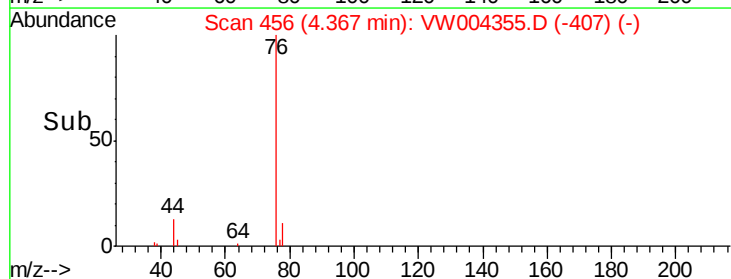
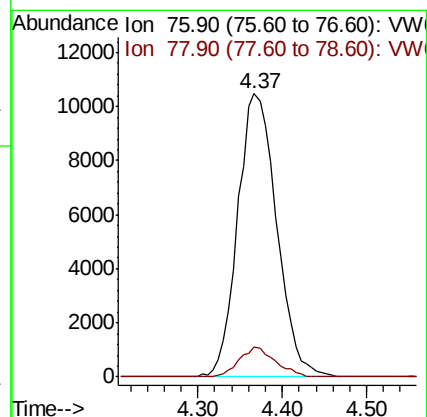
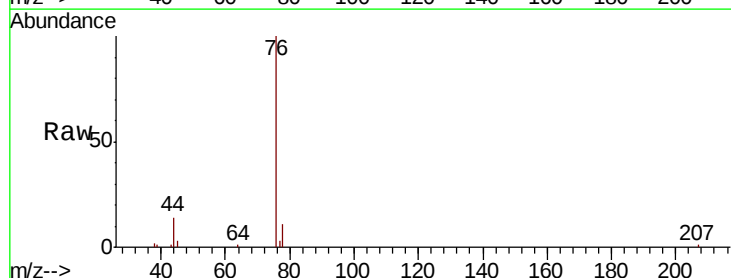
Acq: 30 Jul 2018 11:02

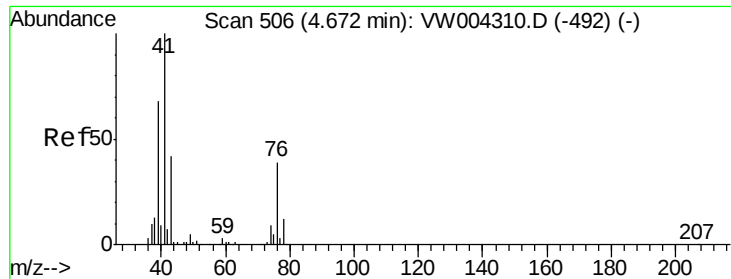
Tgt Ion: 76 Resp: 32788

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0

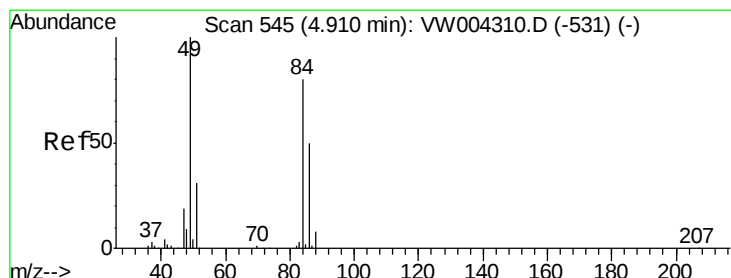
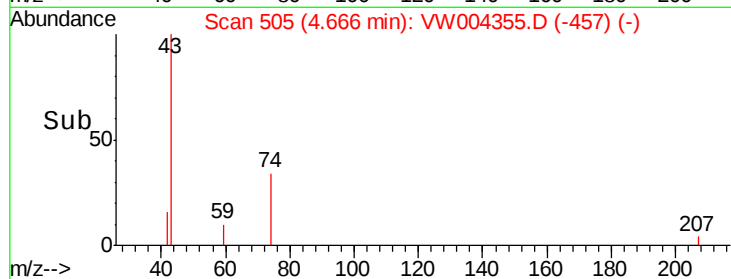
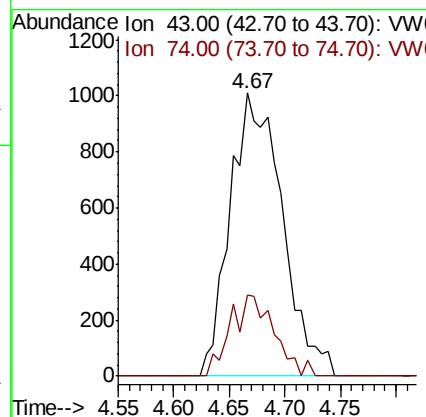
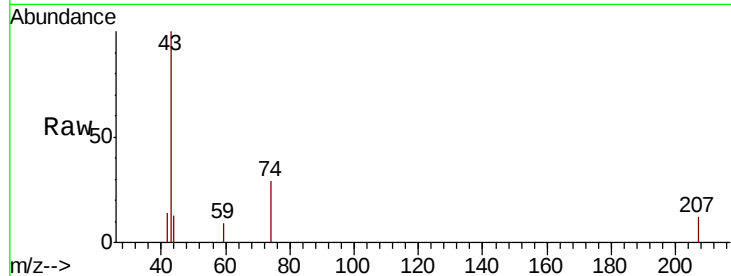




#18
Methyl Acetate
Concen: 6.870 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

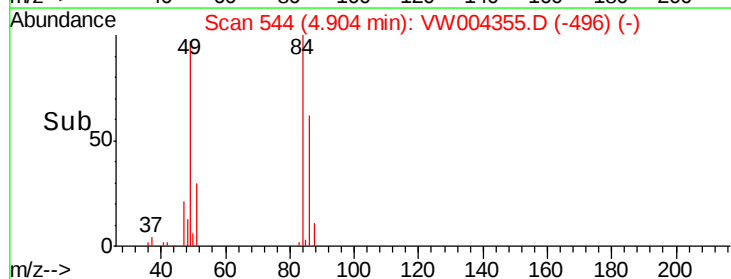
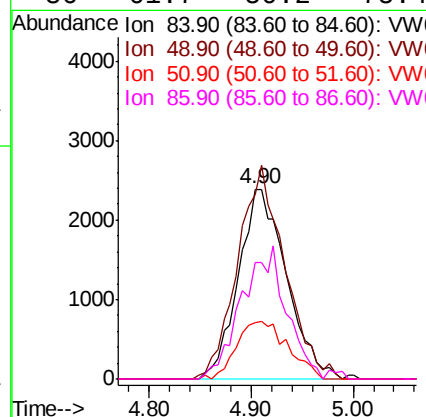
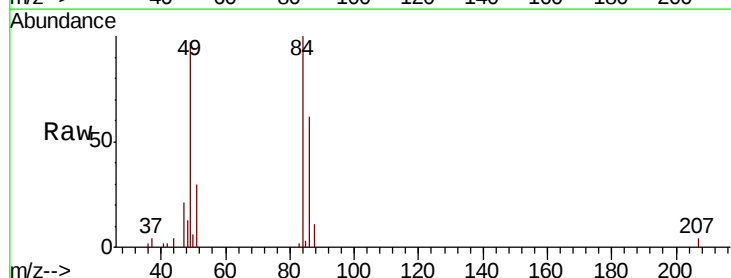
Instrument :
MSVOA_W
ClientSampleId :

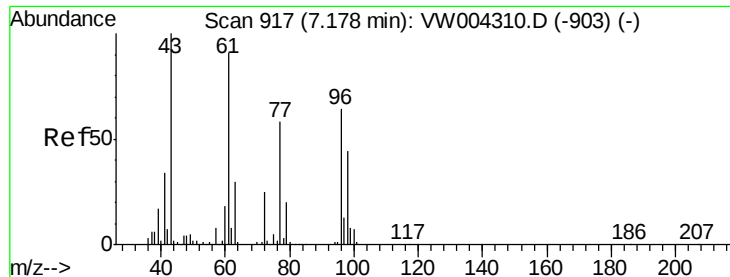
Tot Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.6



#20
Methylene Chloride
Concen: 7.104 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion: 84 Resp: 7819
Ion Ratio Lower Upper
84 100
49 97.4 100.5 150.7#
51 30.0 30.9 46.3#
86 61.7 50.2 75.4





#25

2-Butanone

Concen: 93.003 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

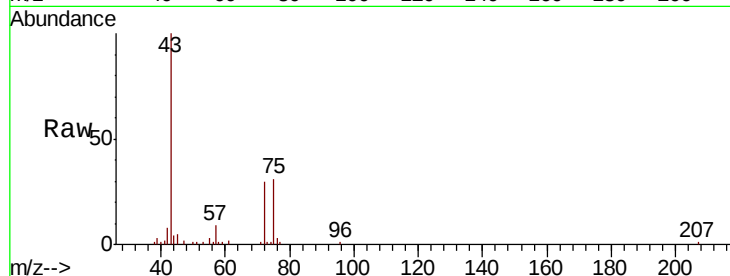
ClientSampled :

Tot Ion: 43 Resp: 25018

Ion Ratio Lower Upper

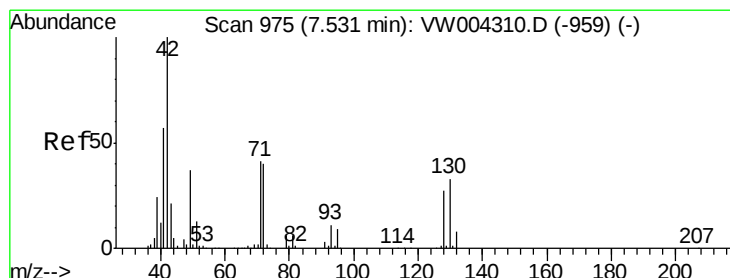
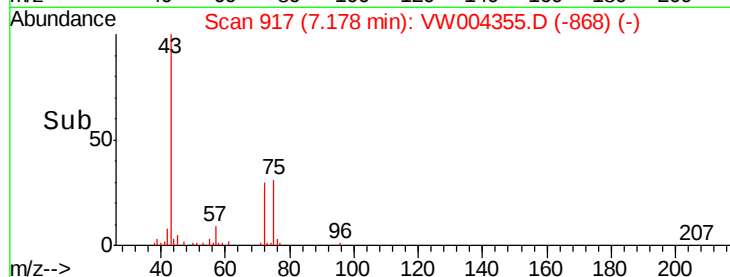
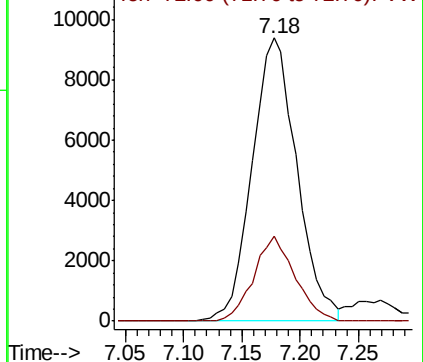
43 100

72 29.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 3.843 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

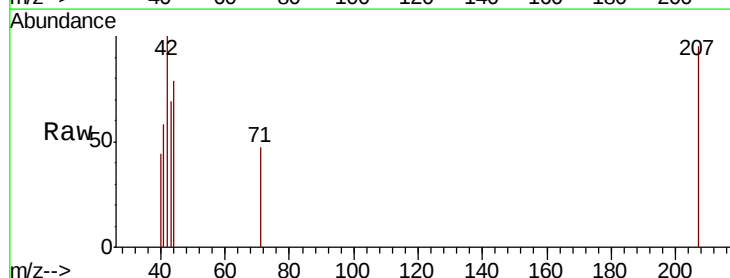
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

42 100

72 23.9 32.6 48.8#

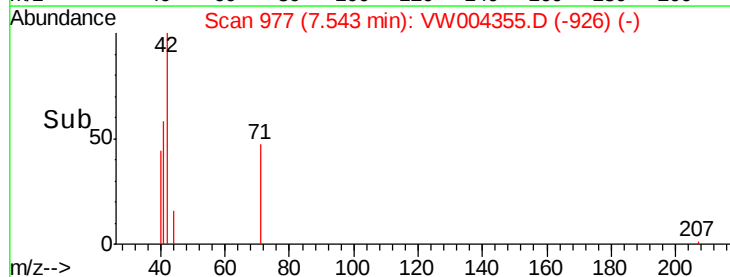
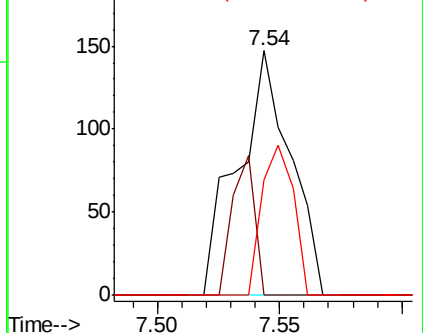
71 36.9 31.3 46.9

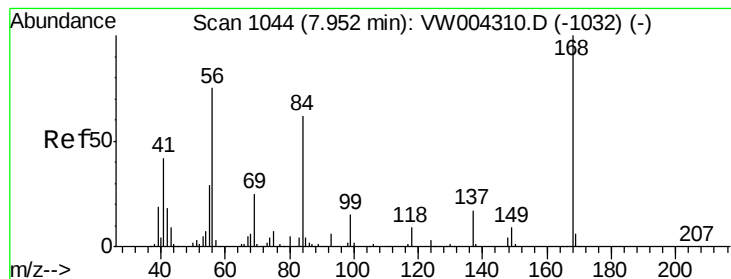


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

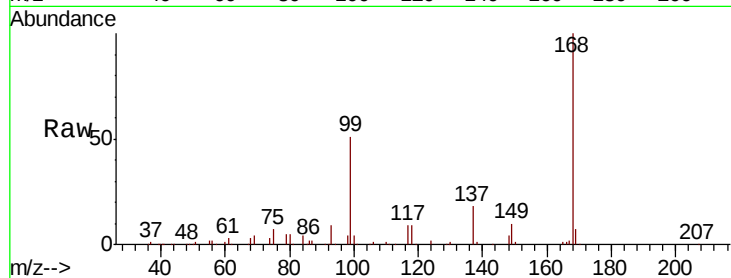
Tot Ion: 56 Resp: 2057

Ion Ratio Lower Upper

56 100

69 179.6 26.3 39.5#

84 174.2 66.2 99.4#

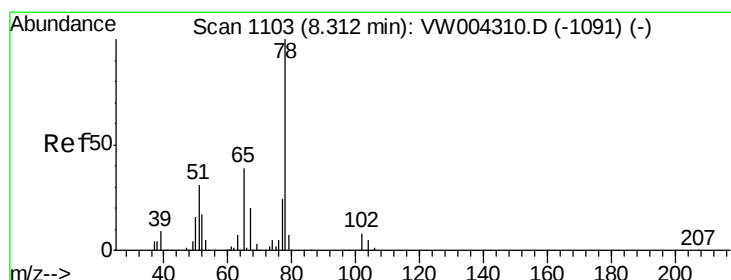
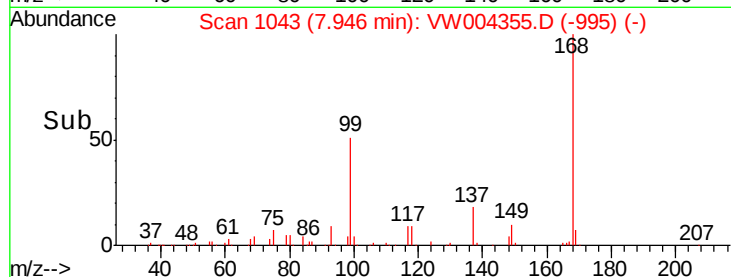
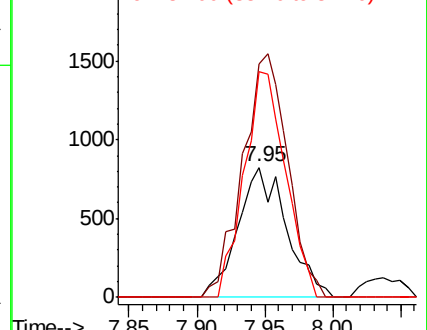


Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 55.945 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004355.D

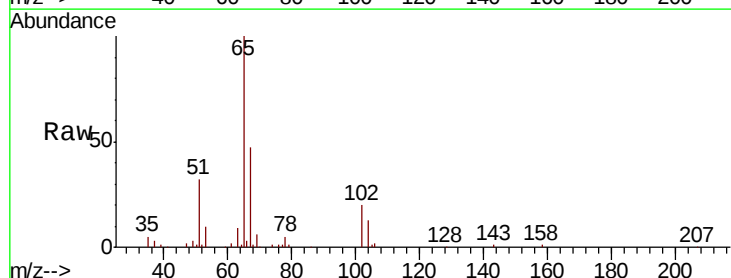
Acq: 30 Jul 2018 11:02

Tgt Ion: 65 Resp: 54187

Ion Ratio Lower Upper

65 100

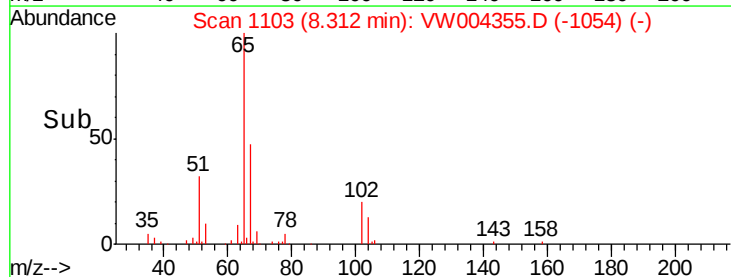
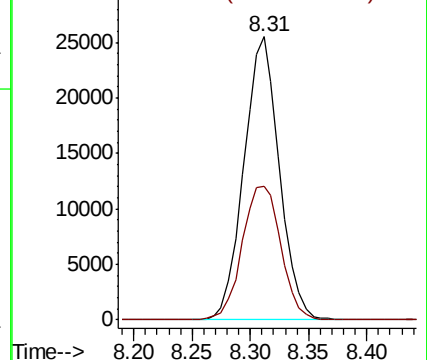
67 51.4 0.0 106.4

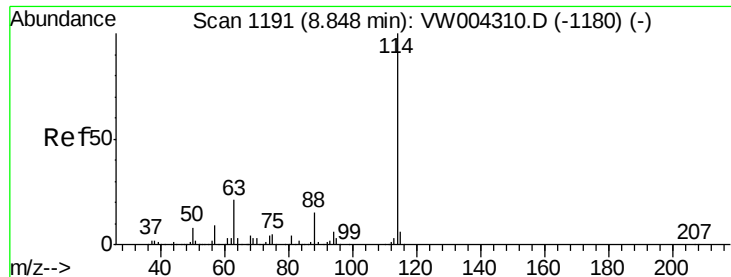


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

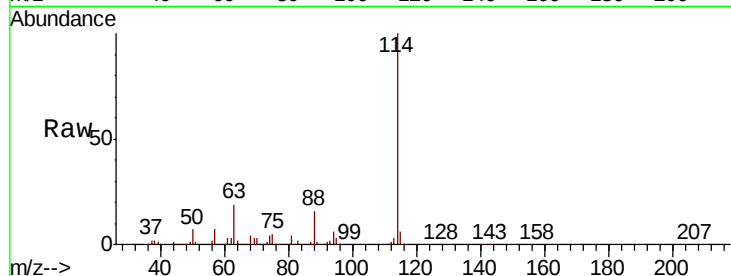




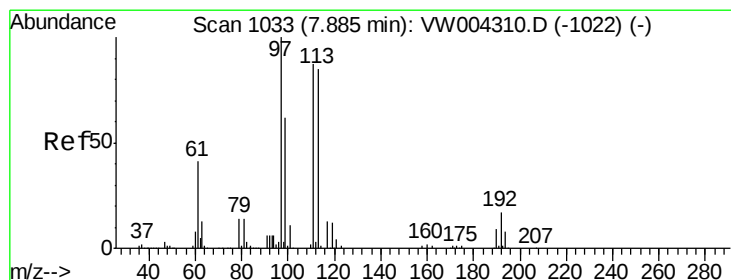
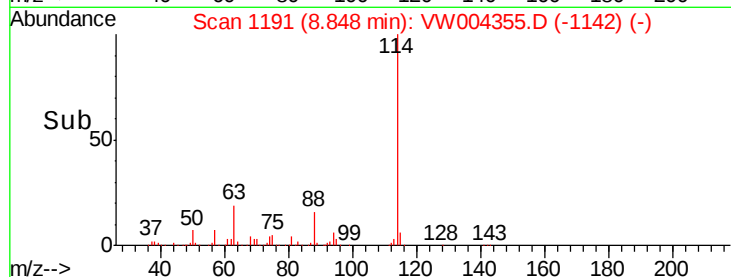
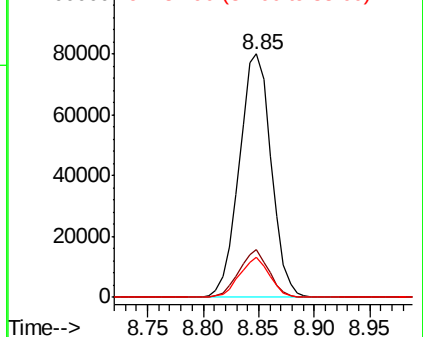
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.4
88	16.2	0.0	30.6

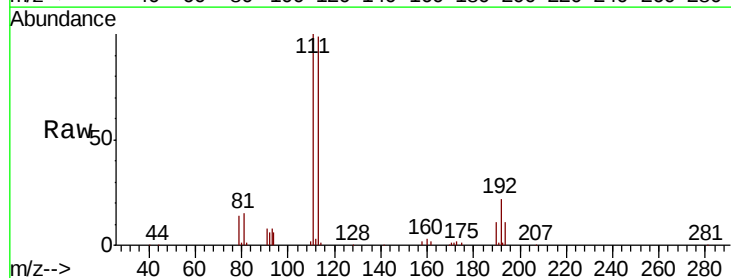


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

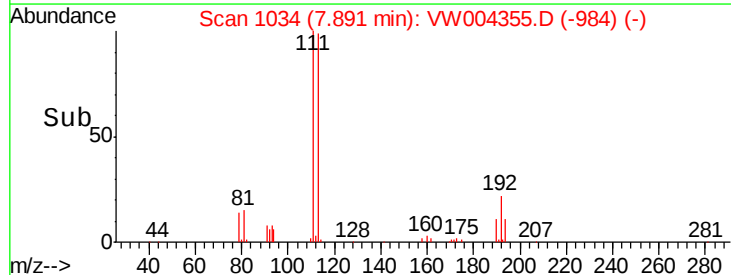
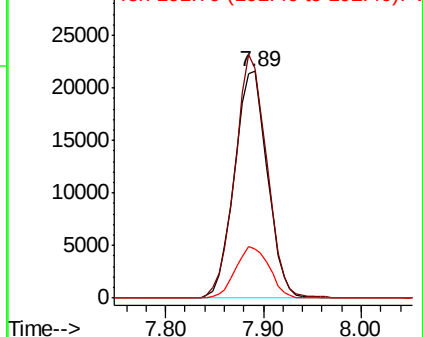


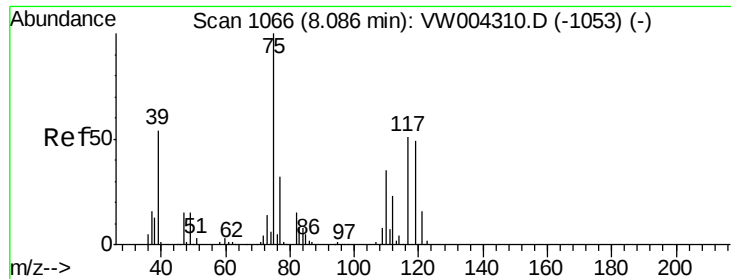
#35
 Dibromofluoromethane
 Concen: 50.176 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	23.1	16.2	24.4



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

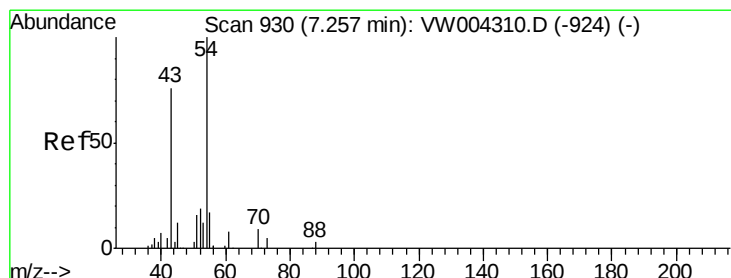
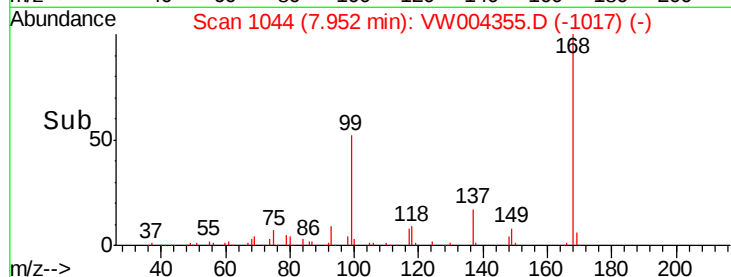
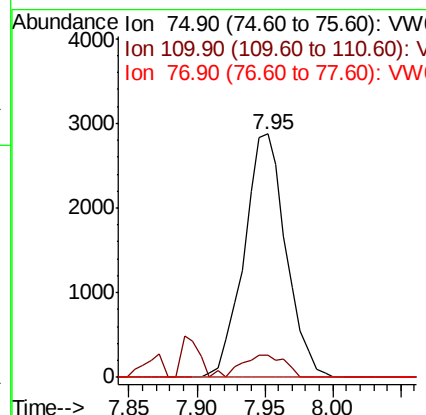
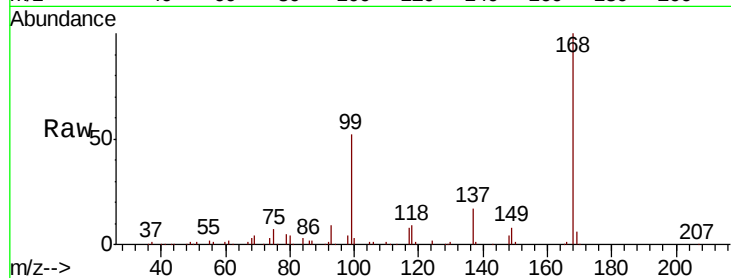




#36
 1,1-Dichloropropene
 Concen: 3.875 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

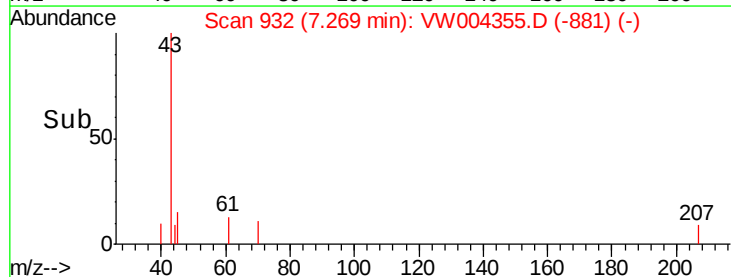
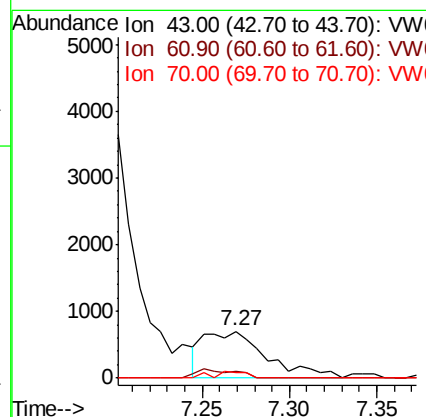
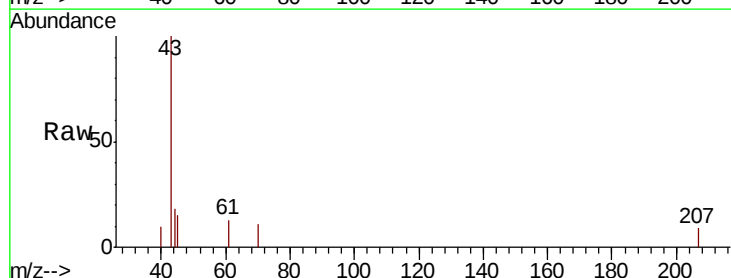
Instrument :
 MSVOA_W
 ClientSampled :

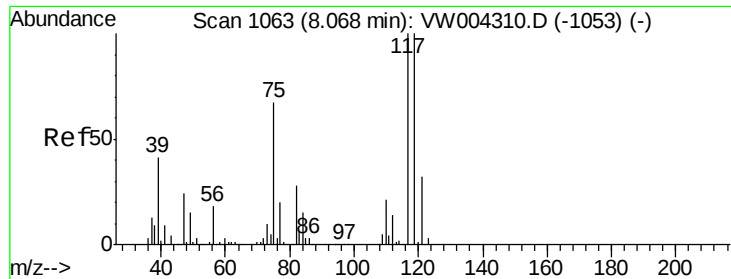
Tot Ion: 75 Resp: 6188
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.3 52.0#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 2.677 ug/l
 RT: 7.27 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion: 43 Resp: 1752
 Ion Ratio Lower Upper
 43 100
 61 12.0 11.1 16.7
 70 6.7 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 5.329 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

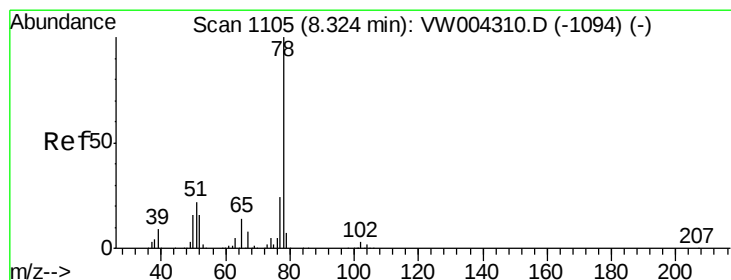
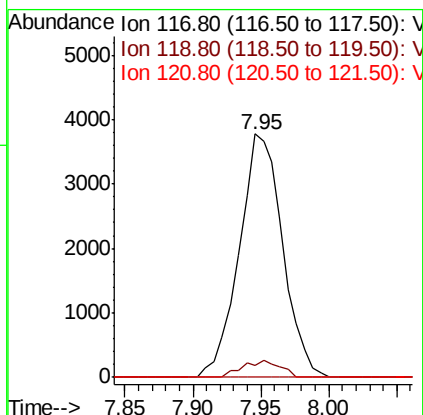
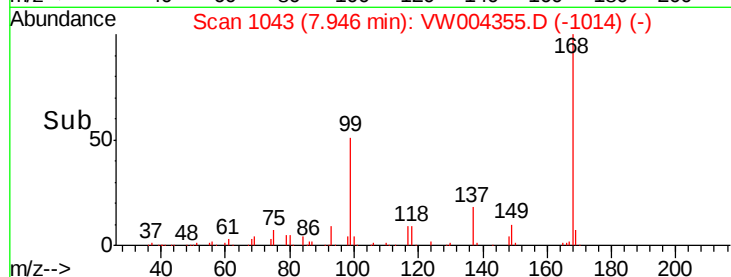
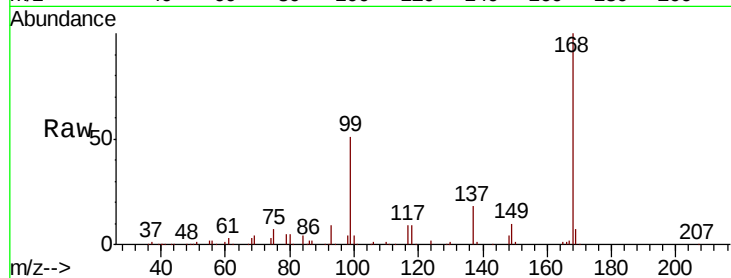
Tot Ion:117 Resp: 8403

Ion Ratio Lower Upper

117 100

119 5.1 79.7 119.5#

121 0.0 25.7 38.5#



#40

Benzene

Concen: 1.064 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004355.D

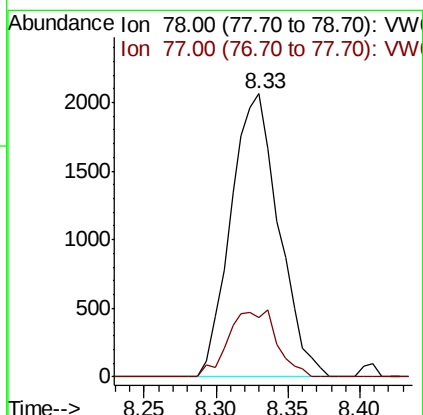
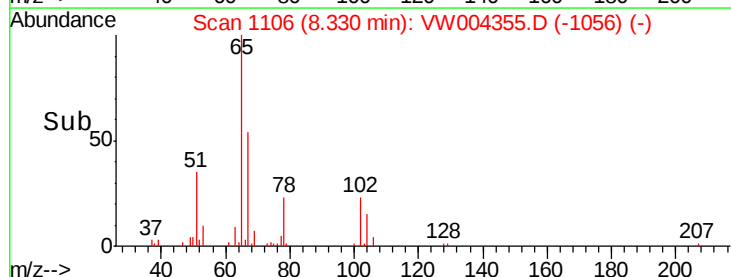
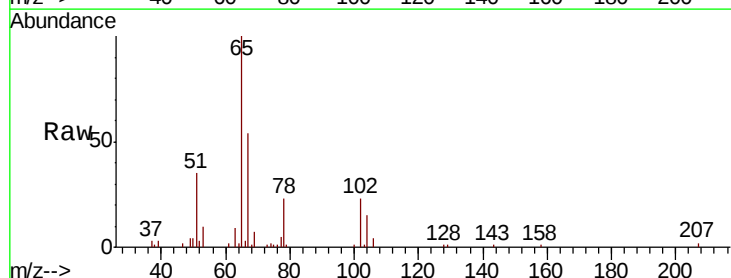
Acq: 30 Jul 2018 11:02

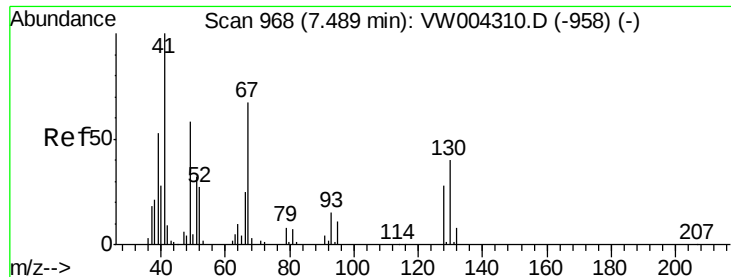
Tgt Ion: 78 Resp: 4779

Ion Ratio Lower Upper

78 100

77 21.1 19.4 29.0

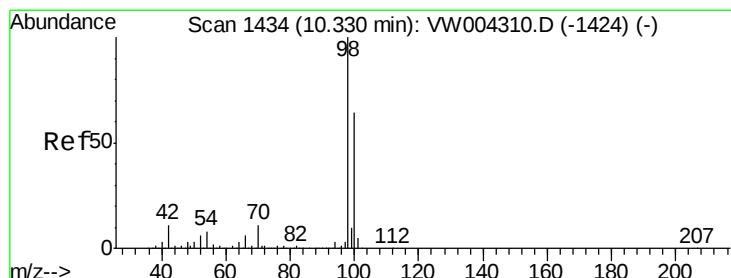
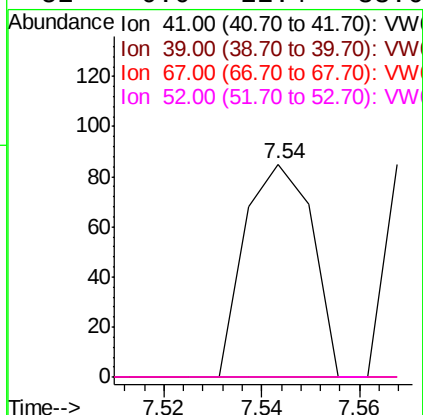
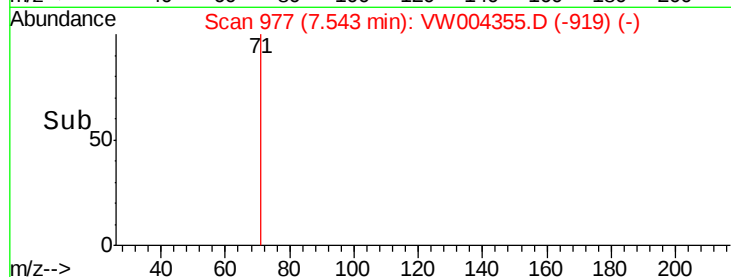
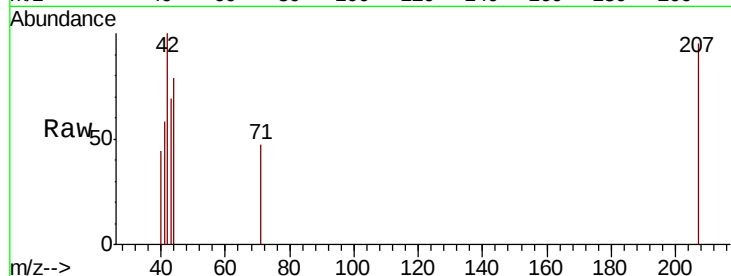




#41
Methacrylonitrile
Concen: 2.278 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.06 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

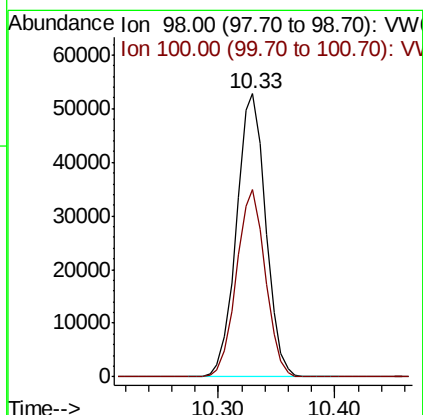
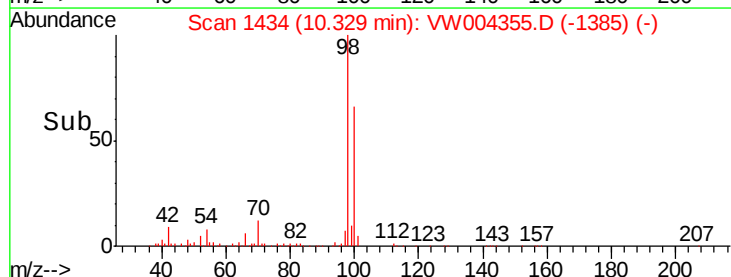
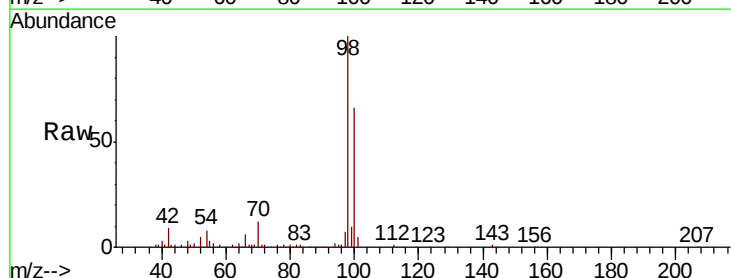
Instrument :
MSVOA_W
ClientSampled :

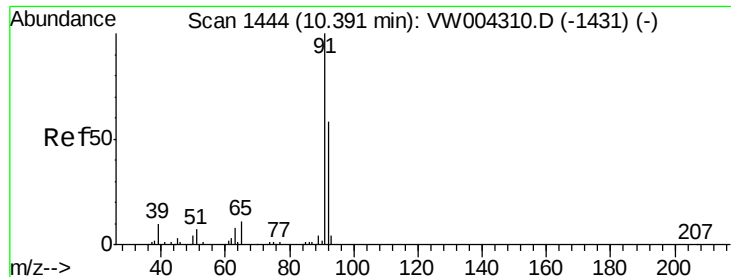
Tot Ion:	41	Resp:	81
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.2	61.8#
67	0.0	53.4	80.0#
52	0.0	22.4	33.6#



#50
Toluene-d8
Concen: 23.195 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion:	98	Resp:	92478
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.5	77.3





#52

Toluene

Concen: 1.559 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

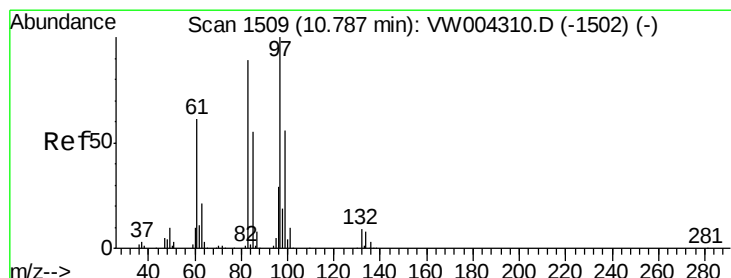
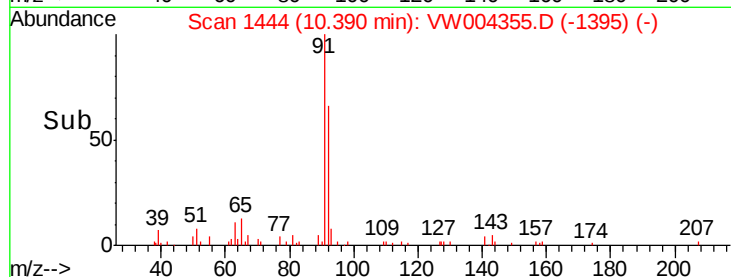
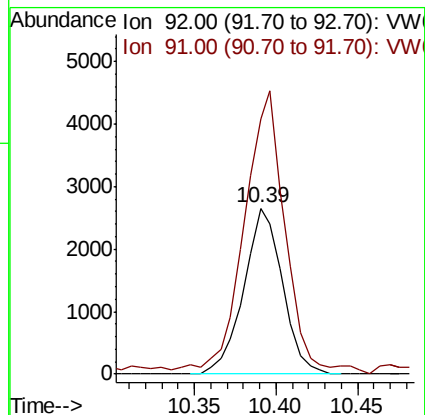
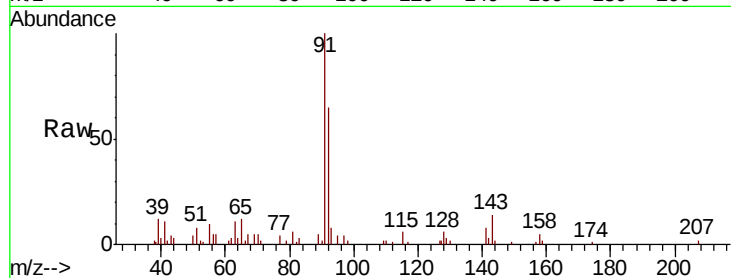
ClientSampled :

Tot Ion: 92 Resp: 4398

Ion Ratio Lower Upper

92 100

91 182.0 139.0 208.4



#55

1,1,2-Trichloroethane

Concen: 2.150 ug/l

RT: 10.77 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Tgt Ion: 97 Resp: 1744

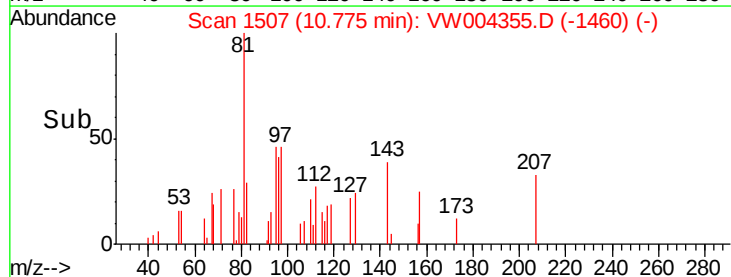
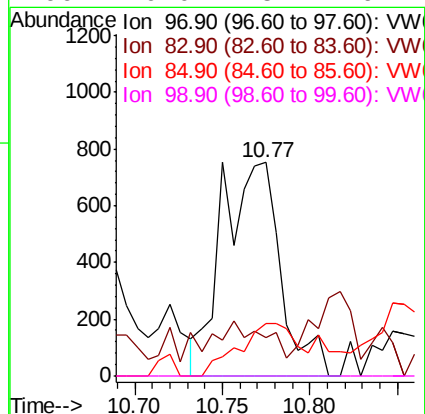
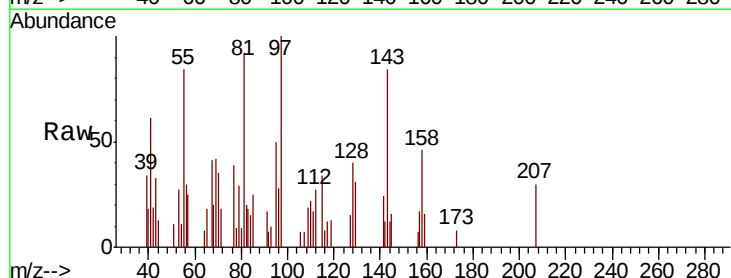
Ion Ratio Lower Upper

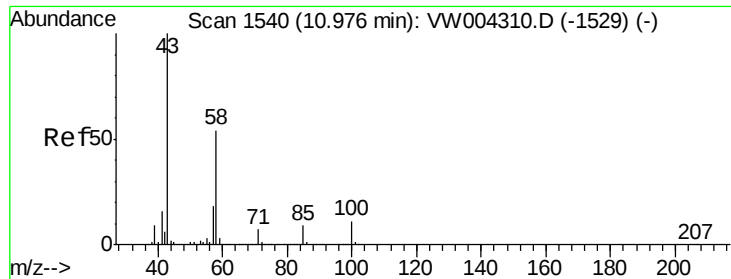
97 100

83 0.0 70.8 106.2#

85 24.8 43.7 65.5#

99 0.0 45.1 67.7#

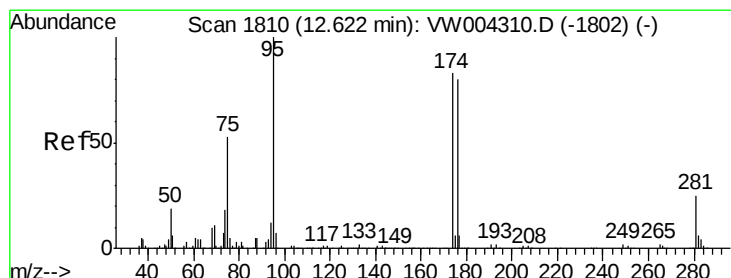
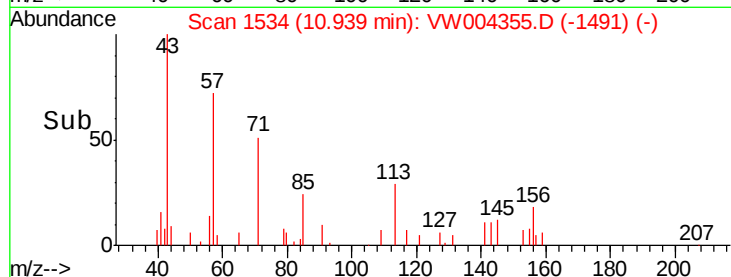
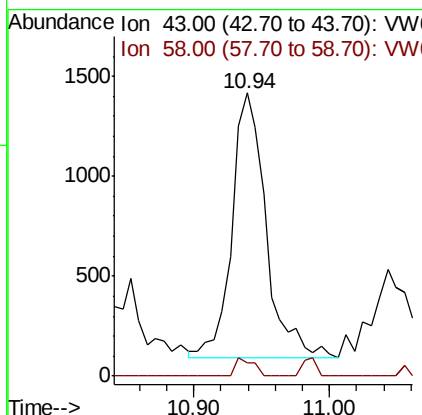
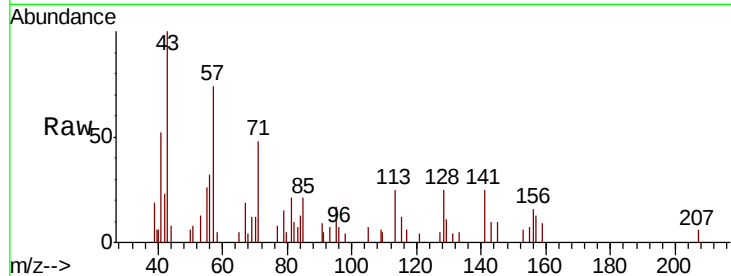




#59
2-Hexanone
Concen: 5.209 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

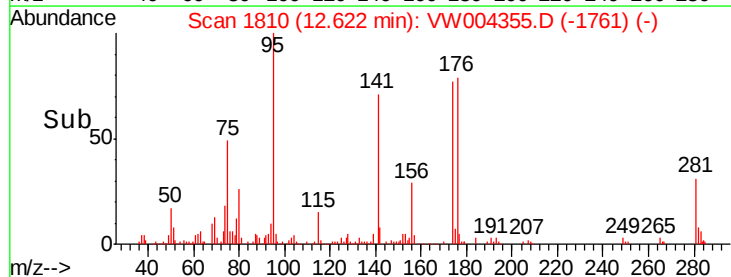
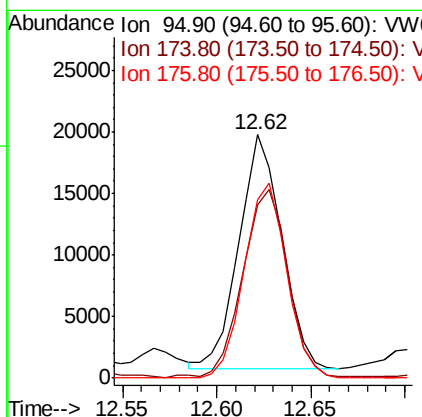
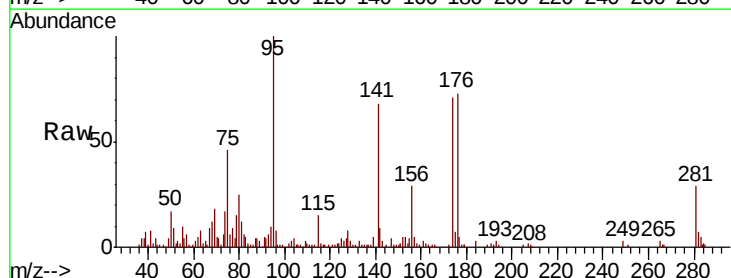
Instrument :
MSVOA_W
ClientSampleId :

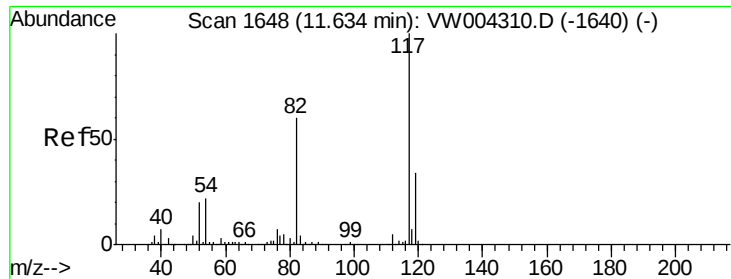
Tot Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 3.5 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 21.584 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion: 95 Resp: 30300
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.8
176 81.9 0.0 162.4

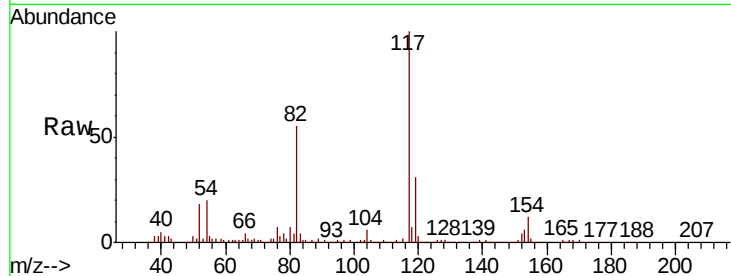




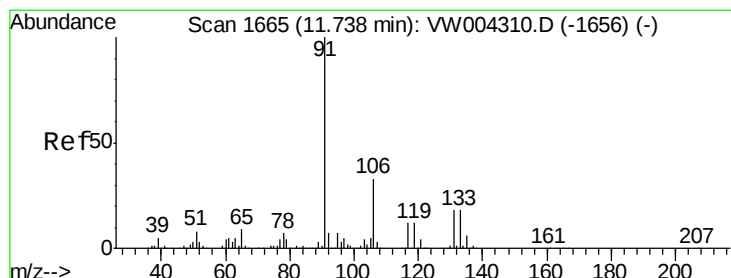
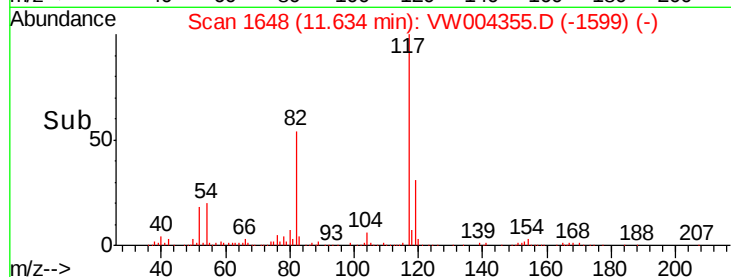
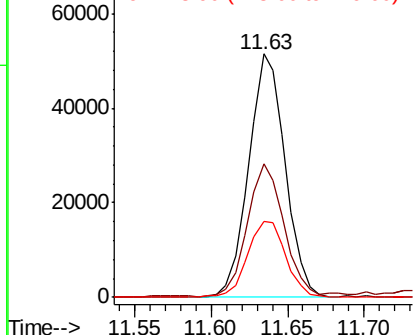
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 84623
Ion Ratio Lower Upper
117 100
82 54.3 47.9 71.9
119 31.0 27.1 40.7

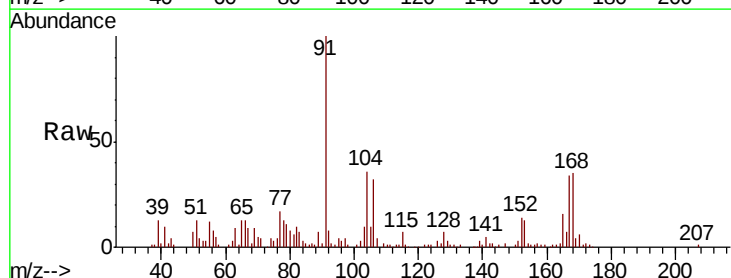


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

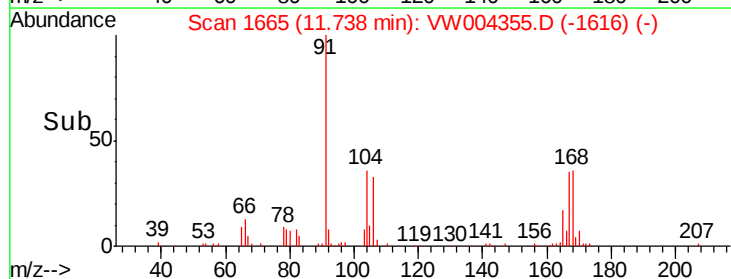
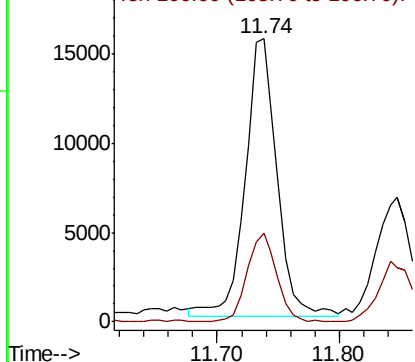


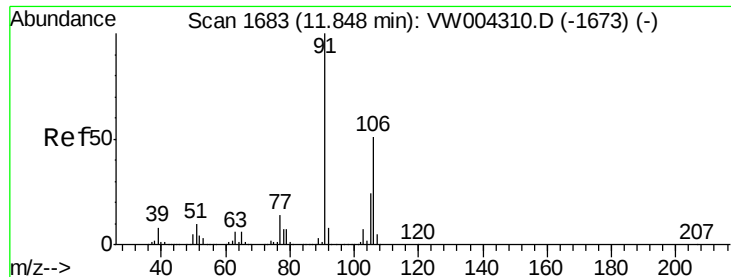
#67
Ethyl Benzene
Concen: 9.062 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion: 91 Resp: 28073
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

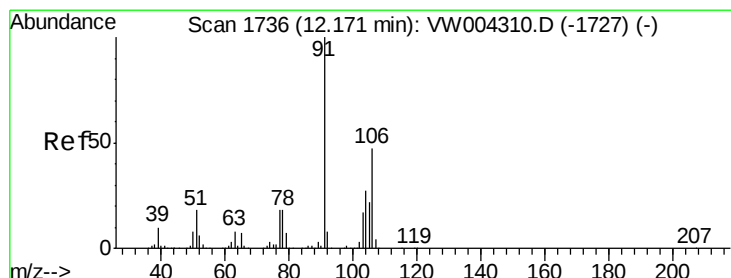
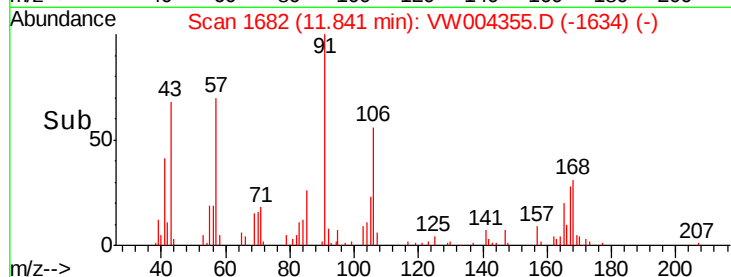
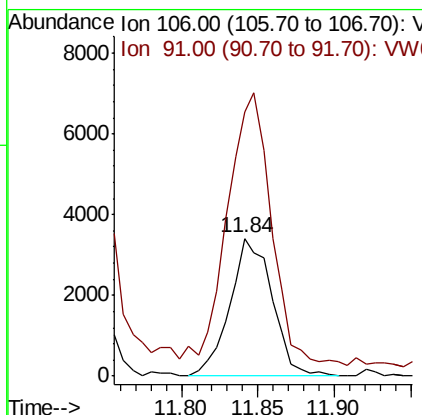
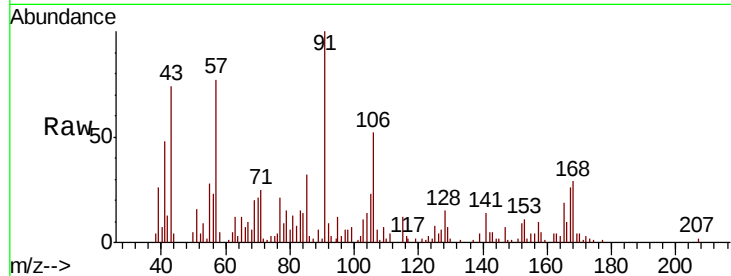




#68
m/p-Xylenes
Concen: 5.509 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

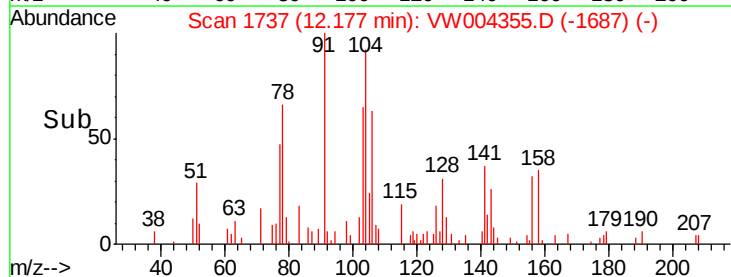
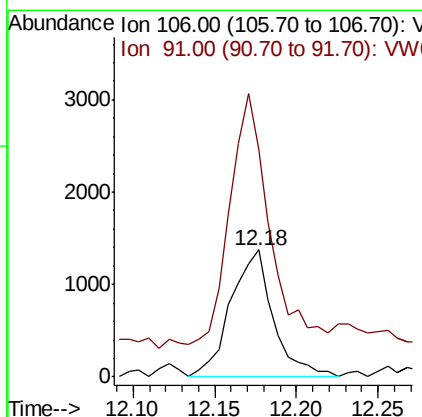
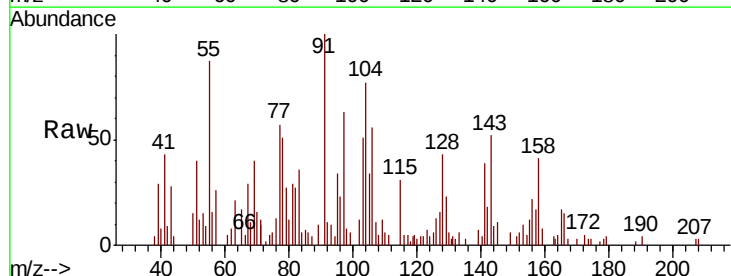
Instrument :
MSVOA_W
ClientSampled :

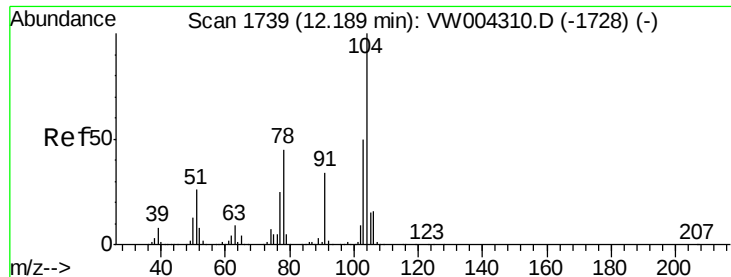
Tot Ion:106 Resp: 6568
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2



#69
o-Xylene
Concen: 2.270 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion:106 Resp: 2500
Ion Ratio Lower Upper
106 100
91 183.4 108.7 326.1

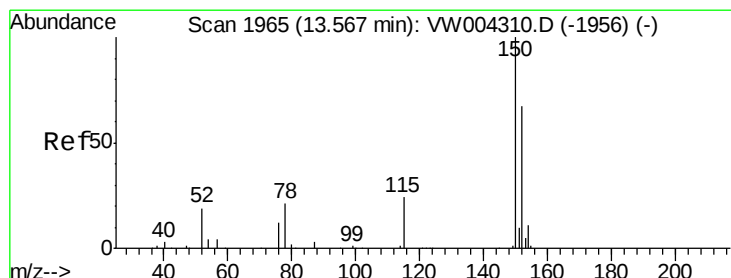
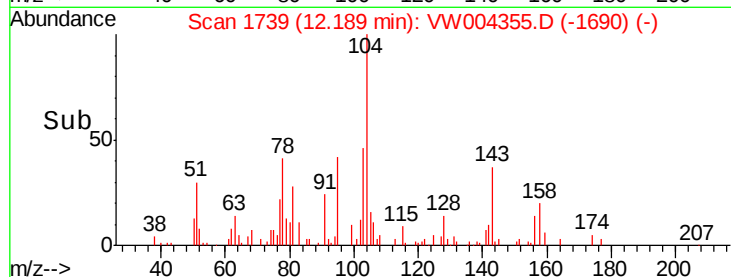
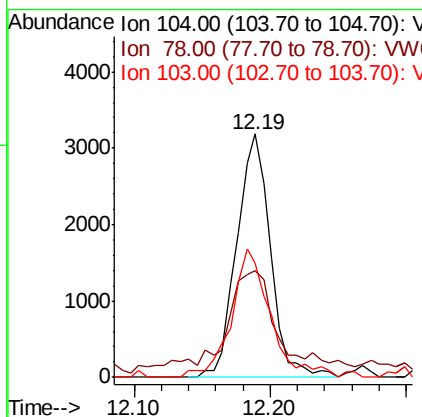
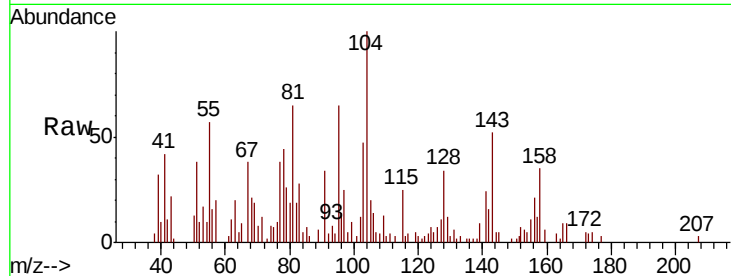




#70
Stvrene
Concen: 2.962 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

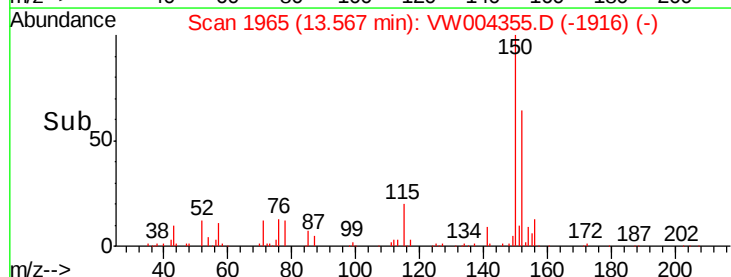
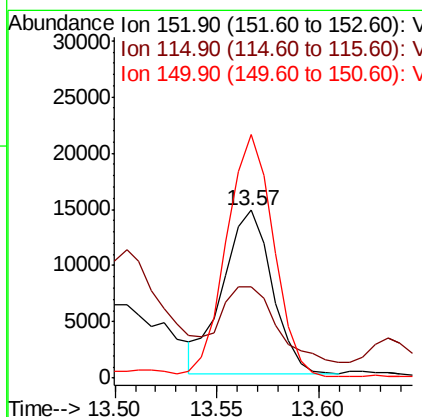
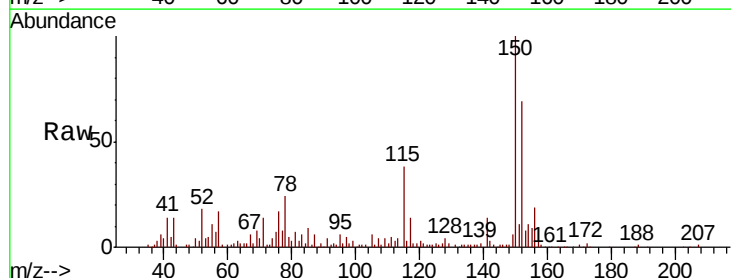
Instrument :
MSVOA_W
ClientSampled :

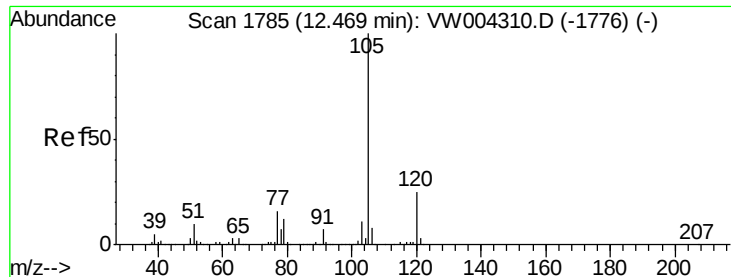
Tot Ion:104 Resp: 5512
Ion Ratio Lower Upper
104 100
78 61.8 40.9 61.3#
103 60.7 45.0 67.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004355.D
Acq: 30 Jul 2018 11:02

Tgt Ion:152 Resp: 24163
Ion Ratio Lower Upper
152 100
115 51.9 28.8 86.4
150 142.5 0.0 346.4





#73

Isopropylbenzene

Concen: 21.296 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

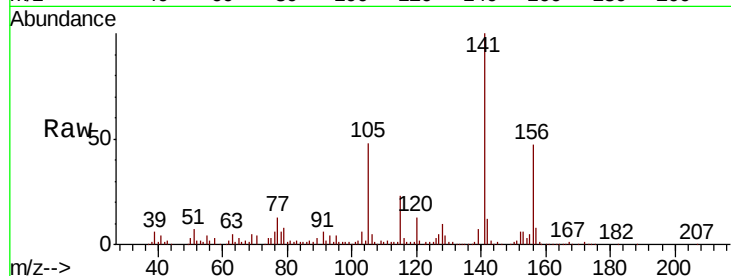
ClientSampled :

Tot Ion:105 Resp: 35681

Ion Ratio Lower Upper

105 100

120 28.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

25000

20000

15000

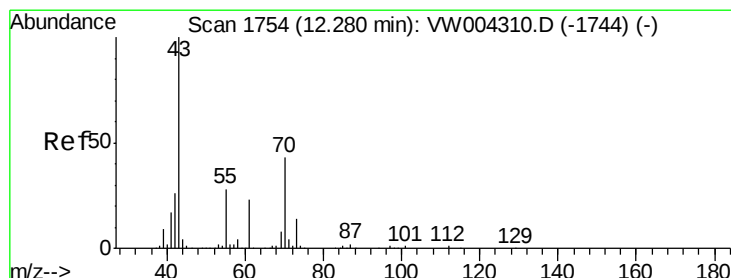
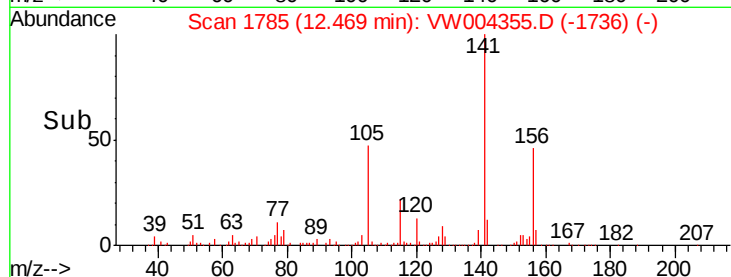
10000

5000

0

Time-->

12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 11.339 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Tgt Ion: 43 Resp: 3941

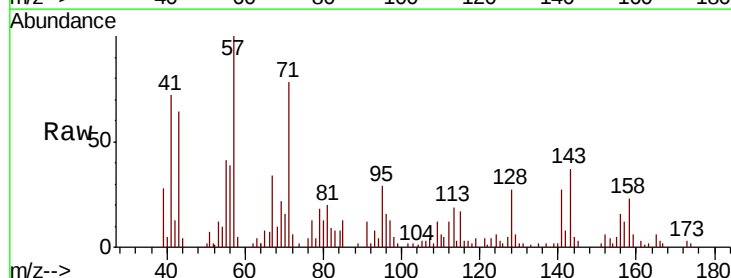
Ion Ratio Lower Upper

43 100

70 14.6 34.2 51.4#

55 0.0 21.8 32.8#

61 0.0 18.9 28.3#



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

5000

4000

3000

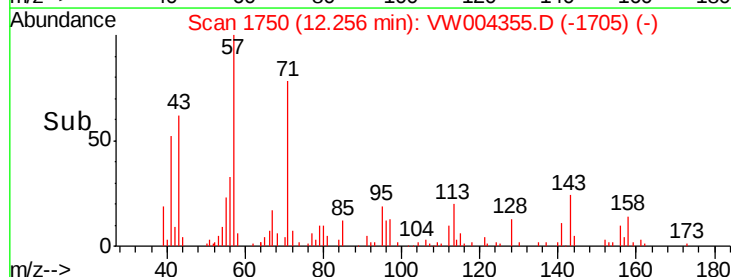
2000

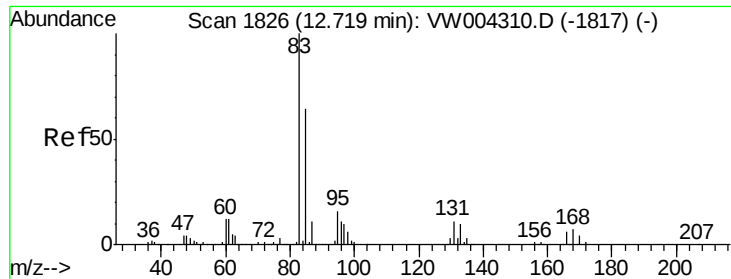
1000

0

Time-->

12.20 12.25 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 3.111 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

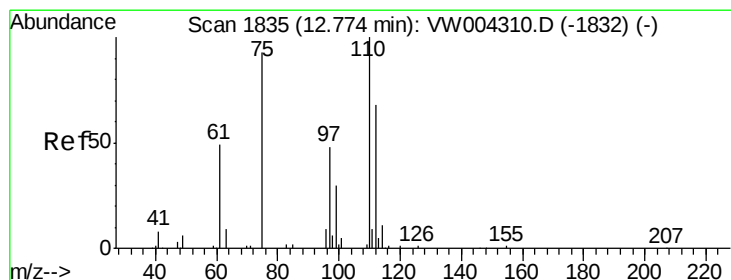
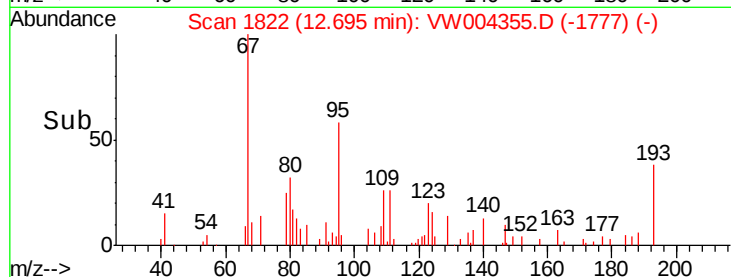
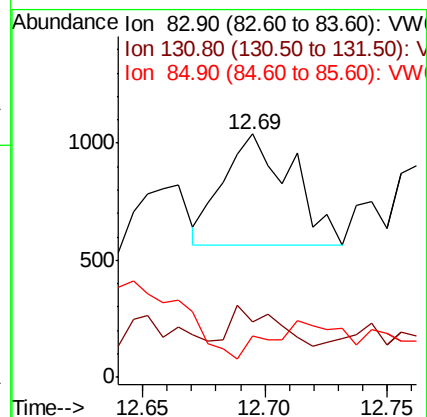
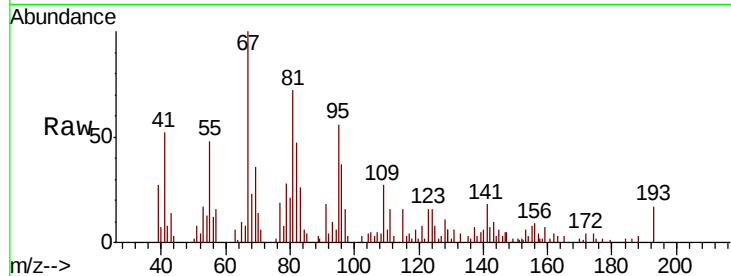
Tot Ion: 83 Resp: 913

Ion Ratio Lower Upper

83 100

131 23.1 5.5 16.4#

85 0.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 51.804 ug/l

RT: 12.92 min Scan# 1859

Delta R.T. 0.15 min

Lab File: VW004355.D

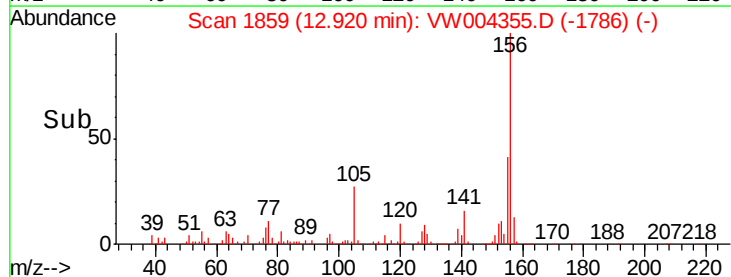
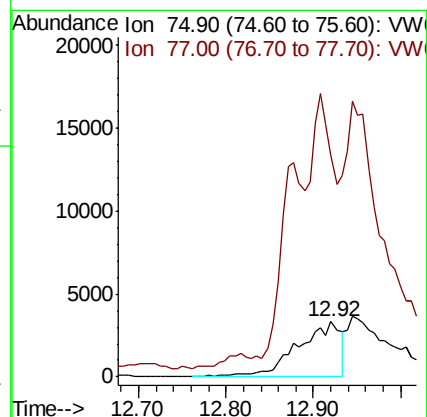
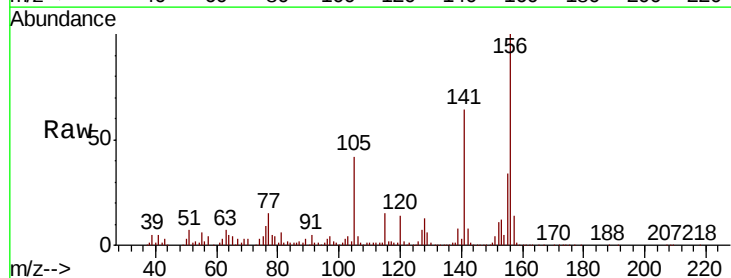
Acq: 30 Jul 2018 11:02

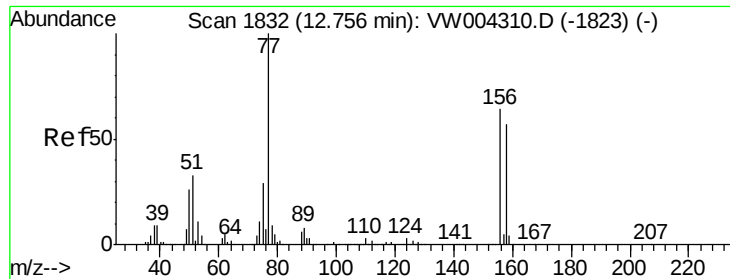
Tgt Ion: 75 Resp: 11424

Ion Ratio Lower Upper

75 100

77 248.1 0.0 0.0#





#77

Bromobenzene

Concen: 1784.873 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.19 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

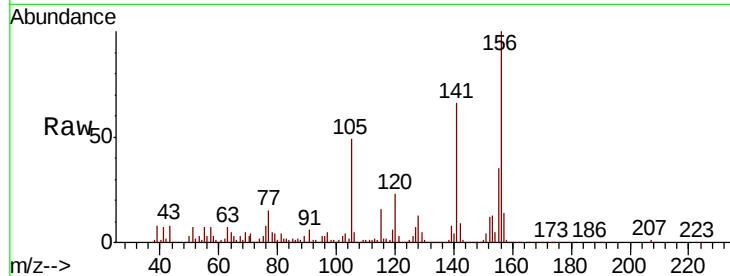
Tot Ion:156 Resp: 722557

Ion Ratio Lower Upper

156 100

77 5.3 92.9 278.7#

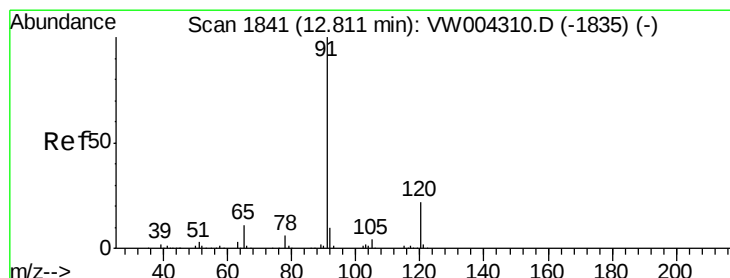
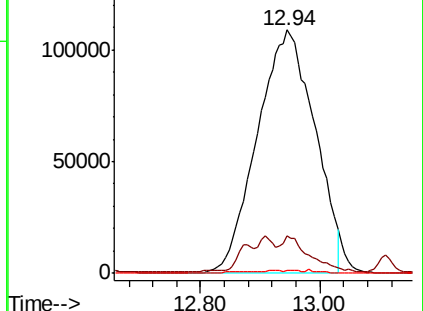
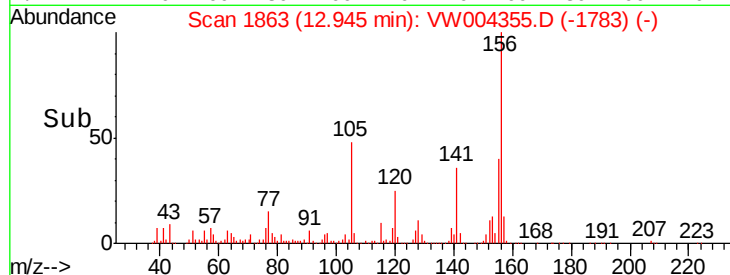
158 0.1 47.6 142.8#



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: 14.364 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004355.D

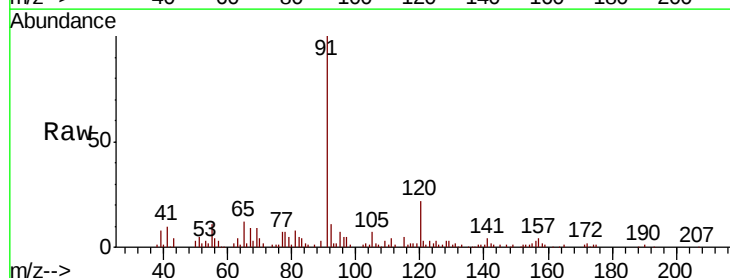
Acq: 30 Jul 2018 11:02

Tgt Ion: 91 Resp: 29318

Ion Ratio Lower Upper

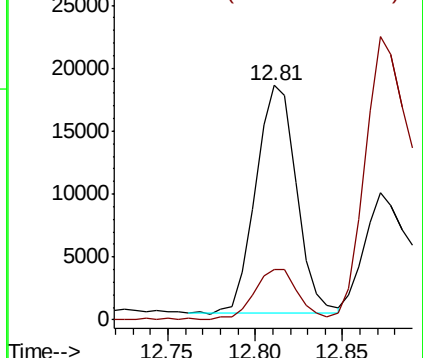
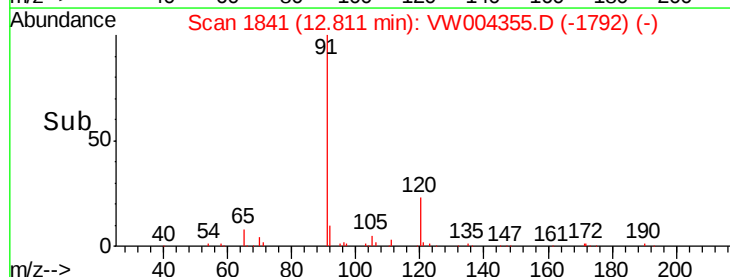
91 100

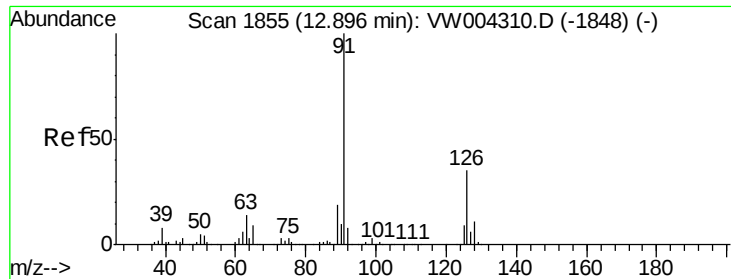
120 24.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

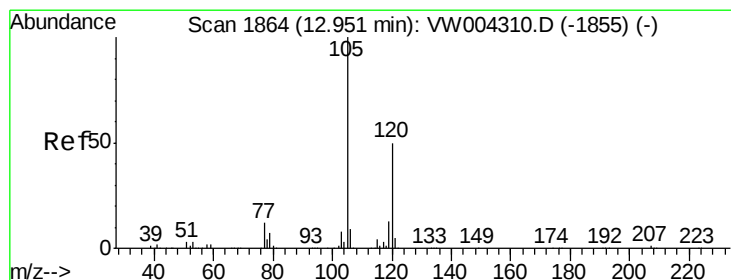
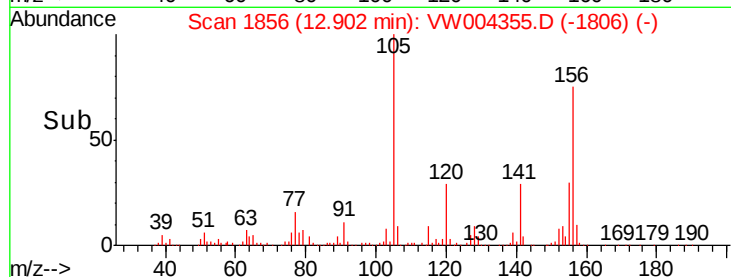
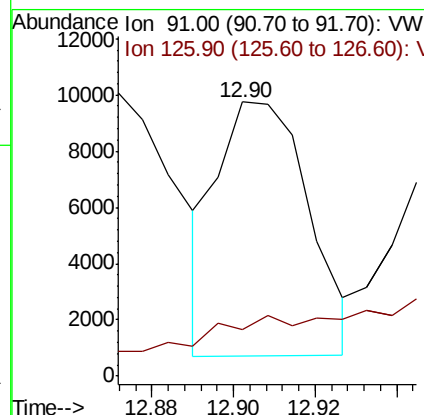
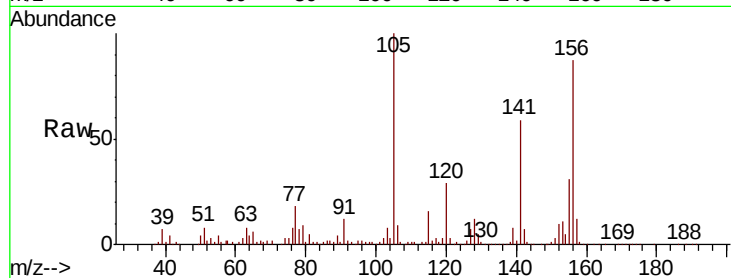




#79
 2-Chlorotoluene
 Concen: 11.978 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

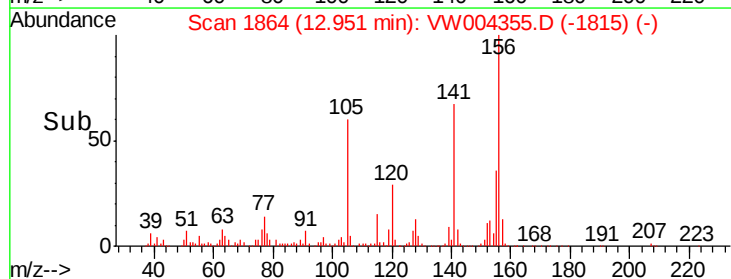
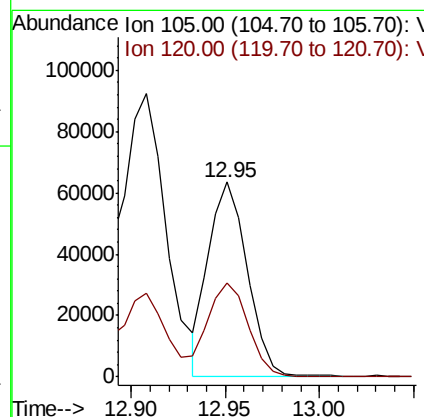
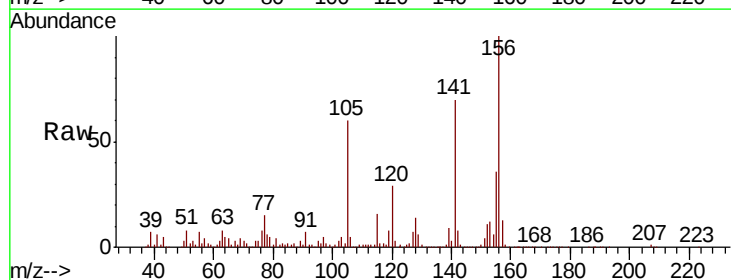
Instrument :
 MSVOA_W
 ClientSampled :

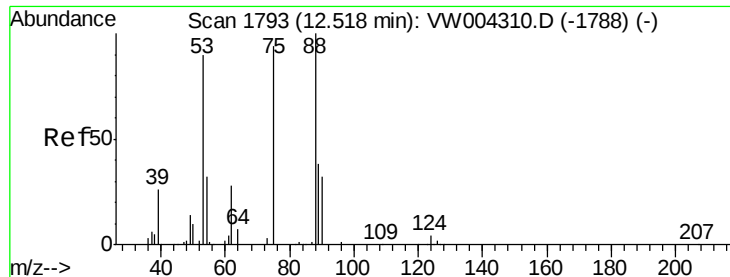
Tot Ion: 91 Resp: 13984
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 62.234 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion: 105 Resp: 89826
 Ion Ratio Lower Upper
 105 100
 120 52.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 65.261 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.04 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

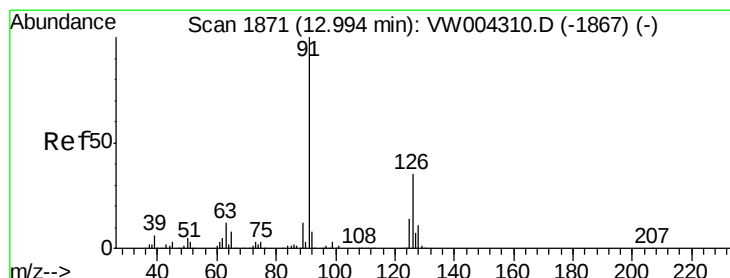
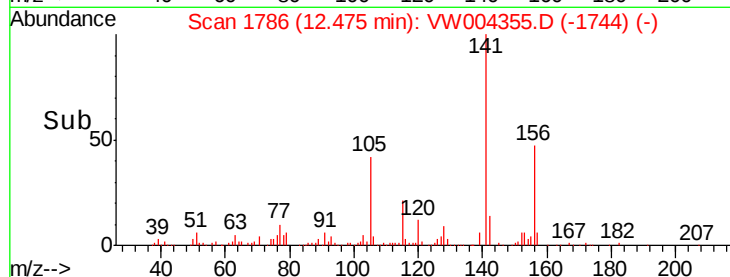
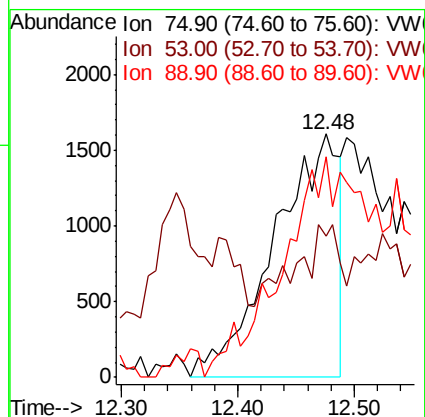
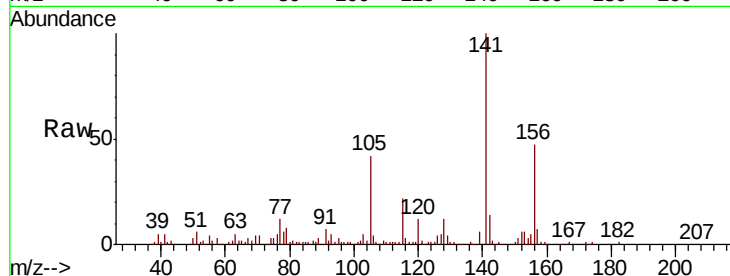
Tot Ion: 75 Resp: 6185

Ion Ratio Lower Upper

75 100

53 21.6 77.6 116.4#

89 37.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 10.062 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW004355.D

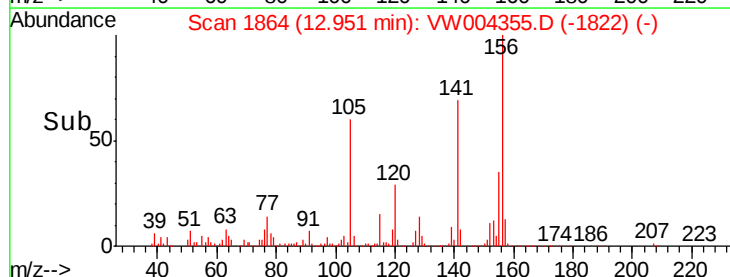
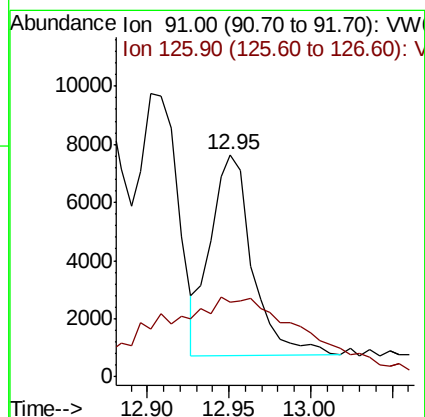
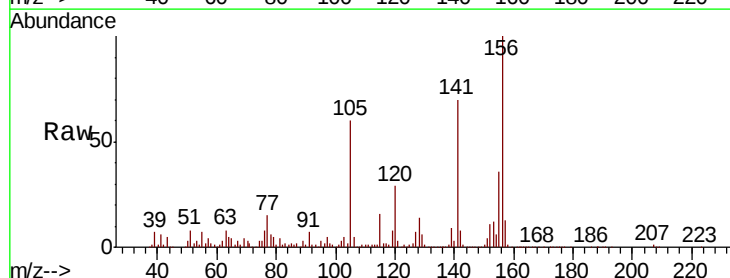
Acq: 30 Jul 2018 11:02

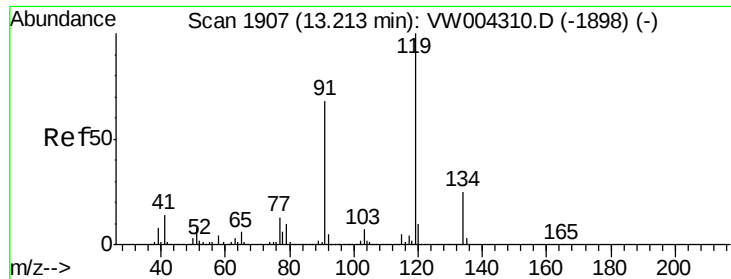
Tgt Ion: 91 Resp: 12430

Ion Ratio Lower Upper

91 100

126 150.1 17.4 52.3#

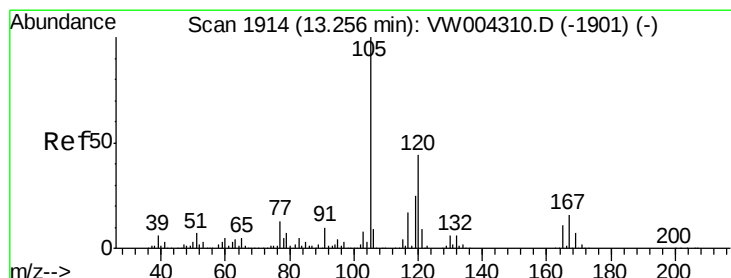
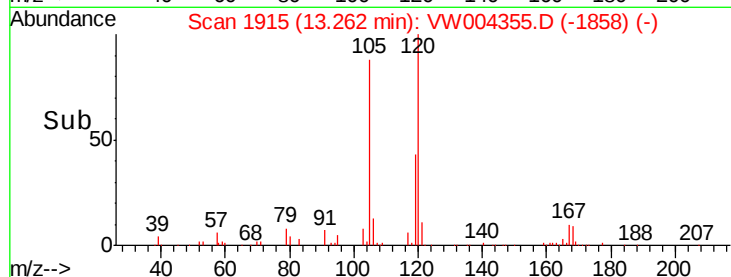
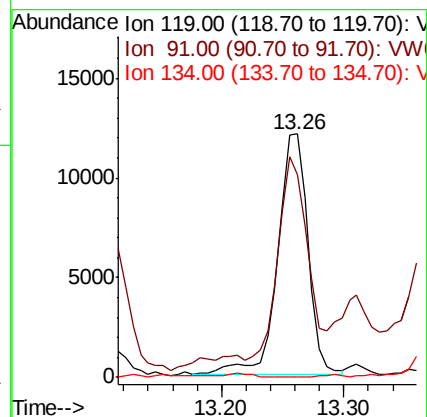
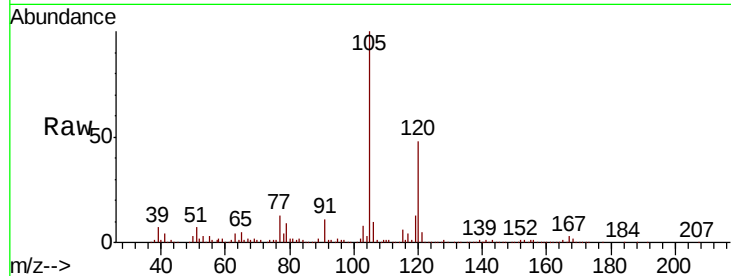




#83
 tert-Butylbenzene
 Concen: 17.194 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.05 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

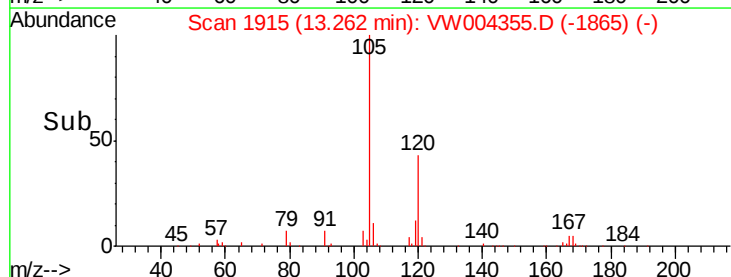
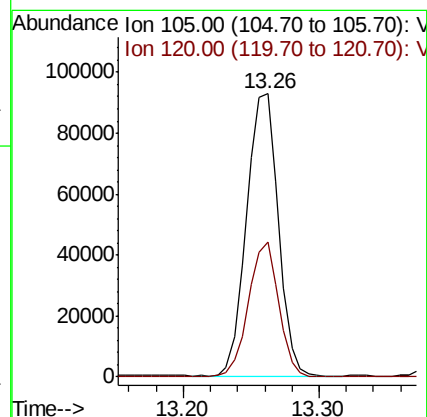
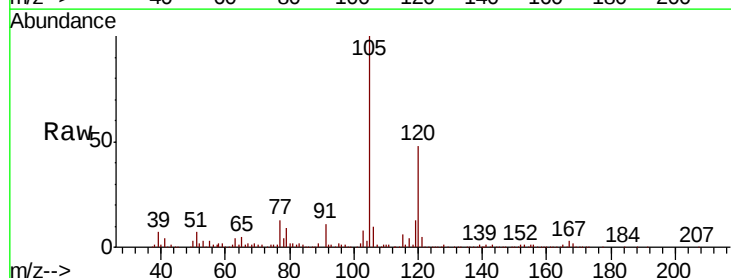
Instrument :
 MSVOA_W
 ClientSampleId :

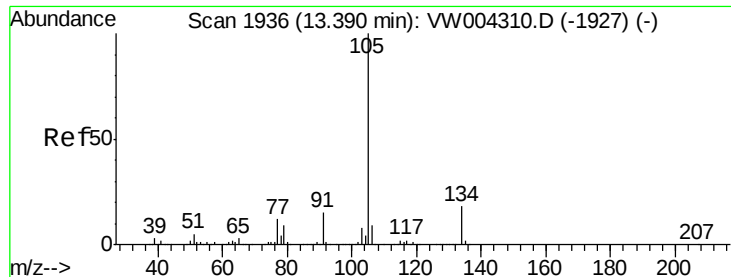
Tot Ion:119 Resp: 20675
 Ion Ratio Lower Upper
 119 100
 91 83.3 32.8 98.3
 134 0.0 12.2 36.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 102.915 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion:105 Resp: 151495
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.7 68.0

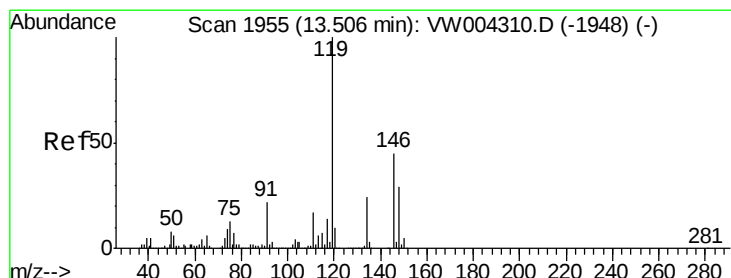
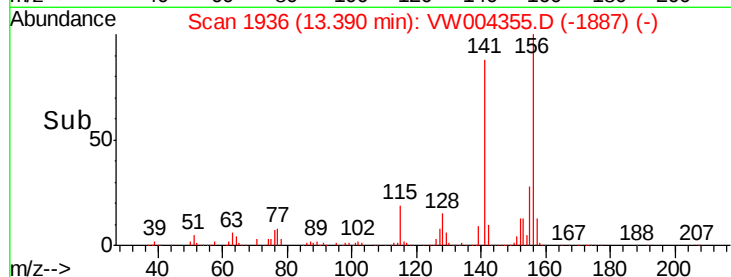
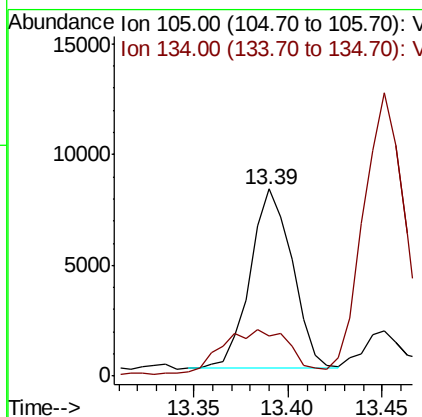
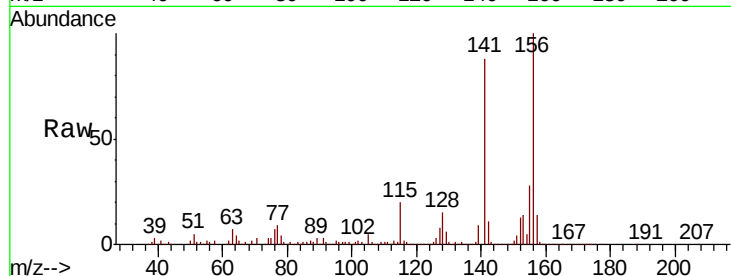




#85
 sec-Butylbenzene
 Concen: 7.169 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

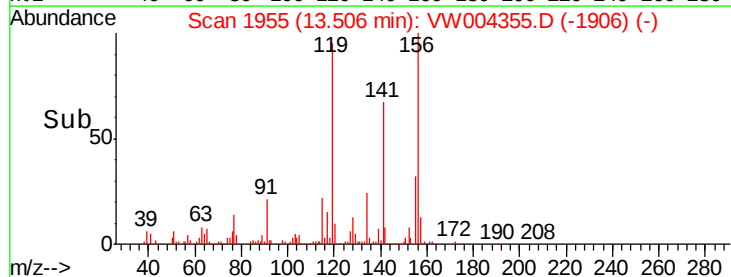
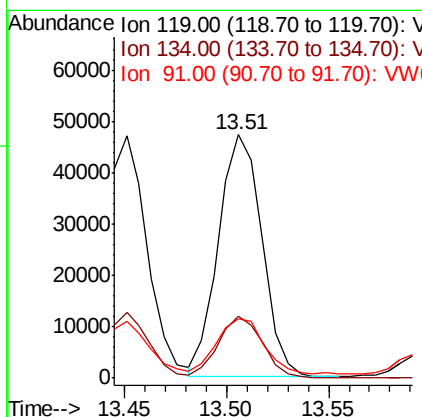
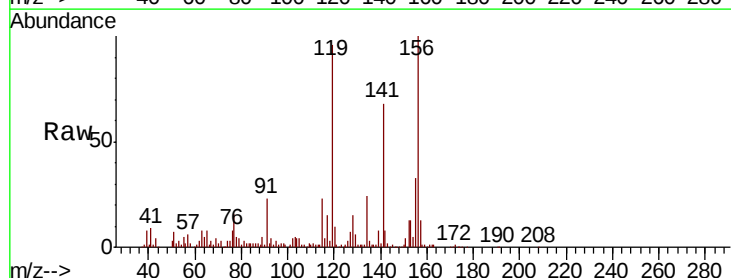
Instrument :
 MSVOA_W
 ClientSampleId :

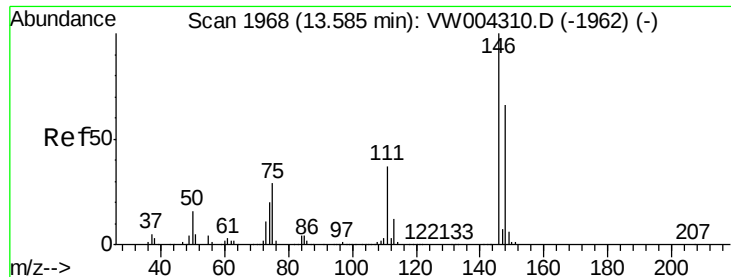
Tot Ion:105 Resp: 12592
 Ion Ratio Lower Upper
 105 100
 134 45.3 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 44.101 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004355.D
 Acq: 30 Jul 2018 11:02

Tgt Ion:119 Resp: 69569
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.5 11.3 33.9





#88

1,4-Dichlorobenzene

Concen: 1.724 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW004355.D

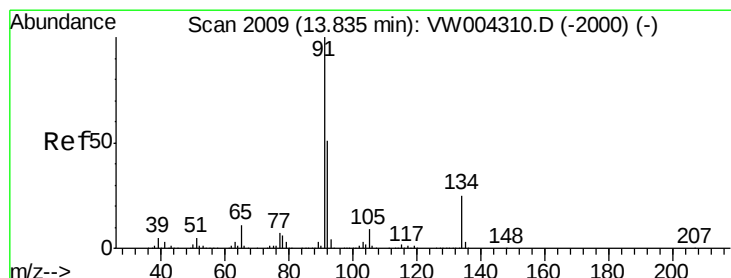
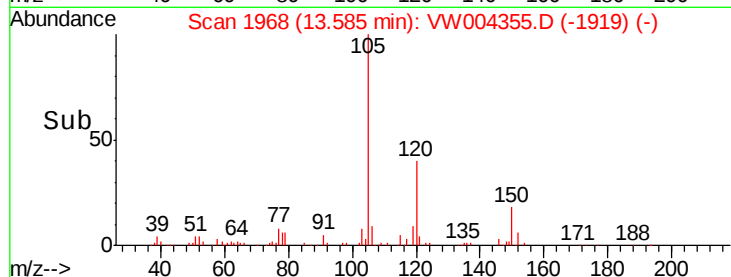
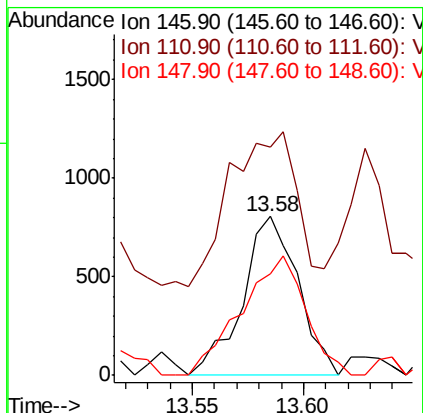
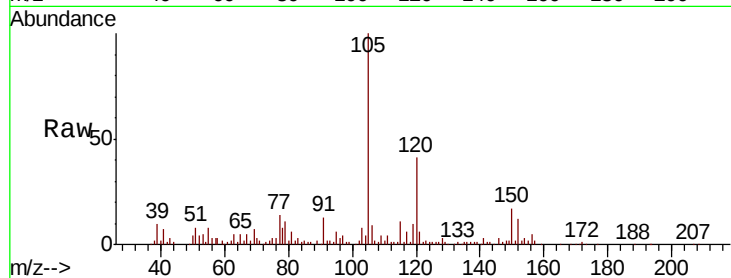
Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	1394
Ion	Ratio	Lower	Upper
146	100		
111	118.3	19.4	58.1#
148	87.1	32.8	98.3



#89

n-Butylbenzene

Concen: 99.668 ug/l

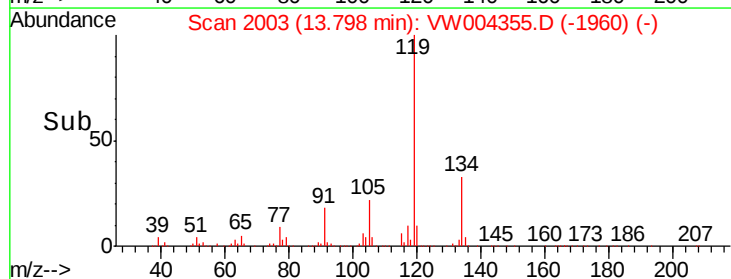
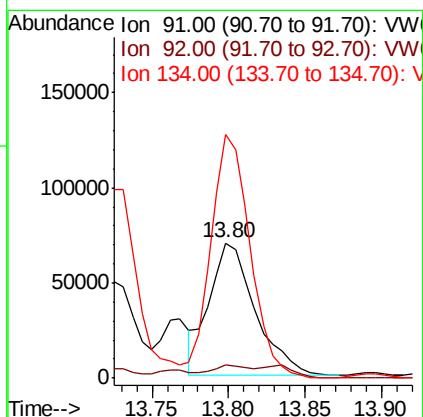
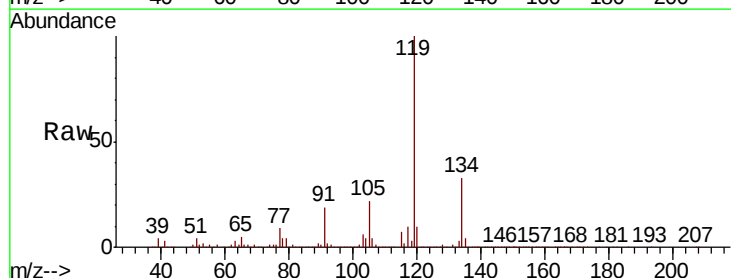
RT: 13.80 min Scan# 2003

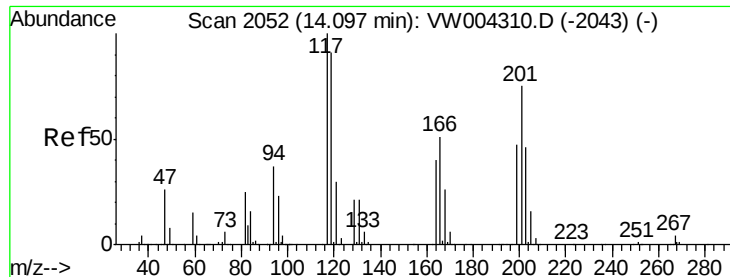
Delta R.T. -0.04 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Tgt Ion:	91	Resp:	146817
Ion	Ratio	Lower	Upper
91	100		
92	4.1	26.4	79.2#
134	156.3	12.9	38.6#





#90

Hexachloroethane

Concen: 150.626 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

MSVOA_W

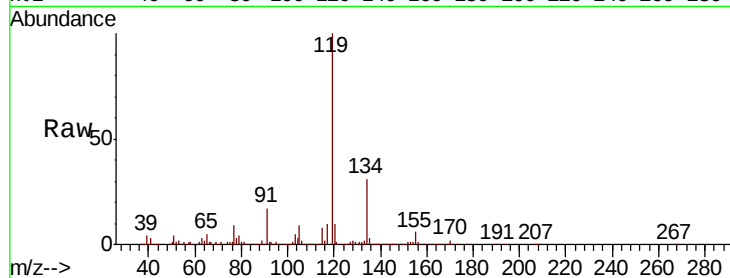
ClientSampleId :

Tot Ion:117 Resp: 42379

Ion Ratio Lower Upper

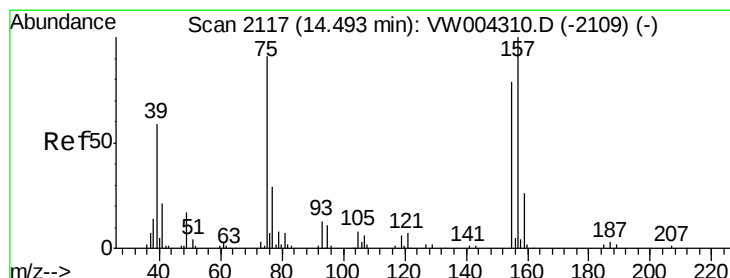
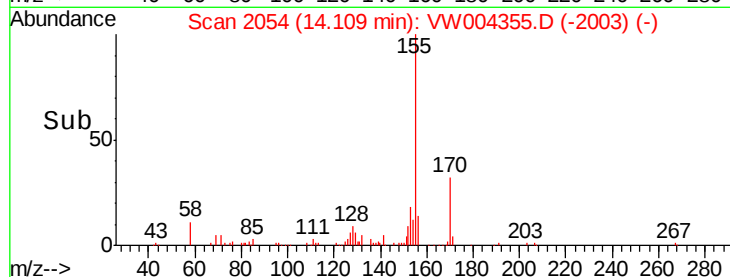
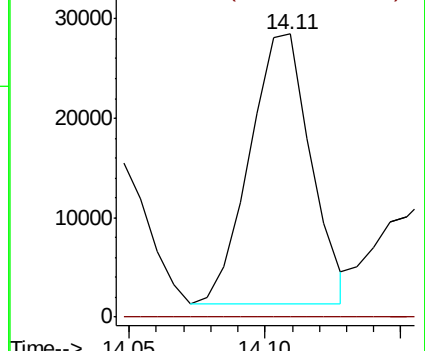
117 100

201 0.0 41.5 124.5#



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: 28.985 ug/l

RT: 14.52 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

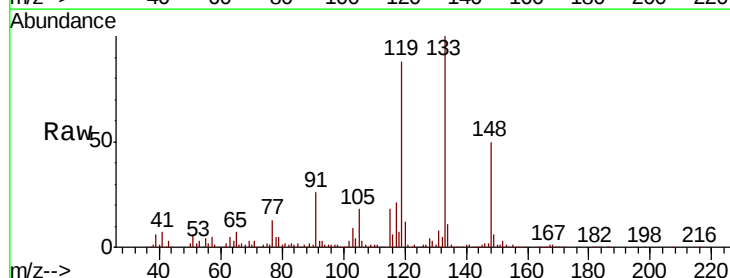
Tgt Ion: 75 Resp: 1485

Ion Ratio Lower Upper

75 100

155 0.0 41.4 124.4#

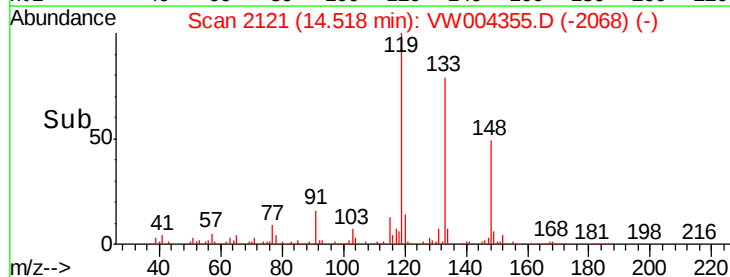
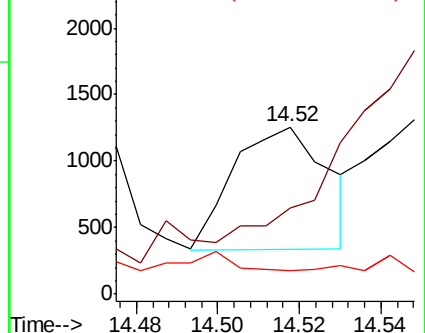
157 0.0 55.2 165.6#

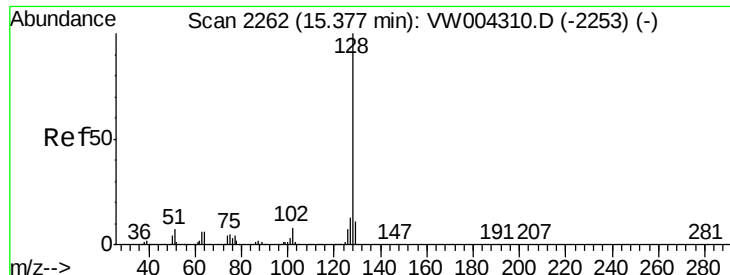


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 8511.462 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

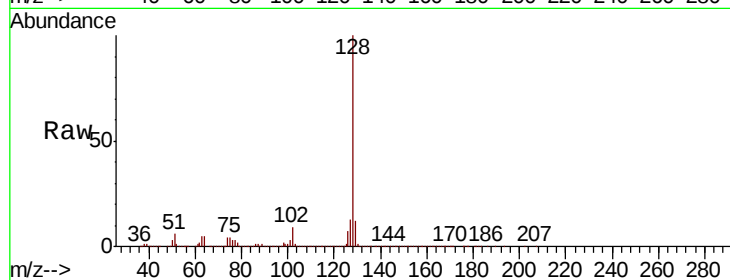
Lab File: VW004355.D

Acq: 30 Jul 2018 11:02

Instrument :

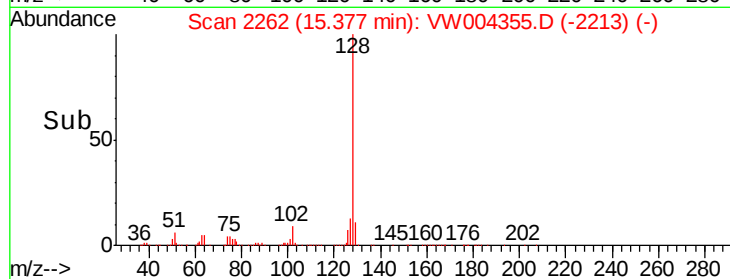
MSVOA_W

ClientSampleId :



Tot Ion:128 Resp: 7457436

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	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

