

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
 Data File : VW005421.D
 Acq On : 15 Sep 2018 08:34
 Operator : SY/AP
 Sample : J4775-07
 Misc : 7.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 17 00:59:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

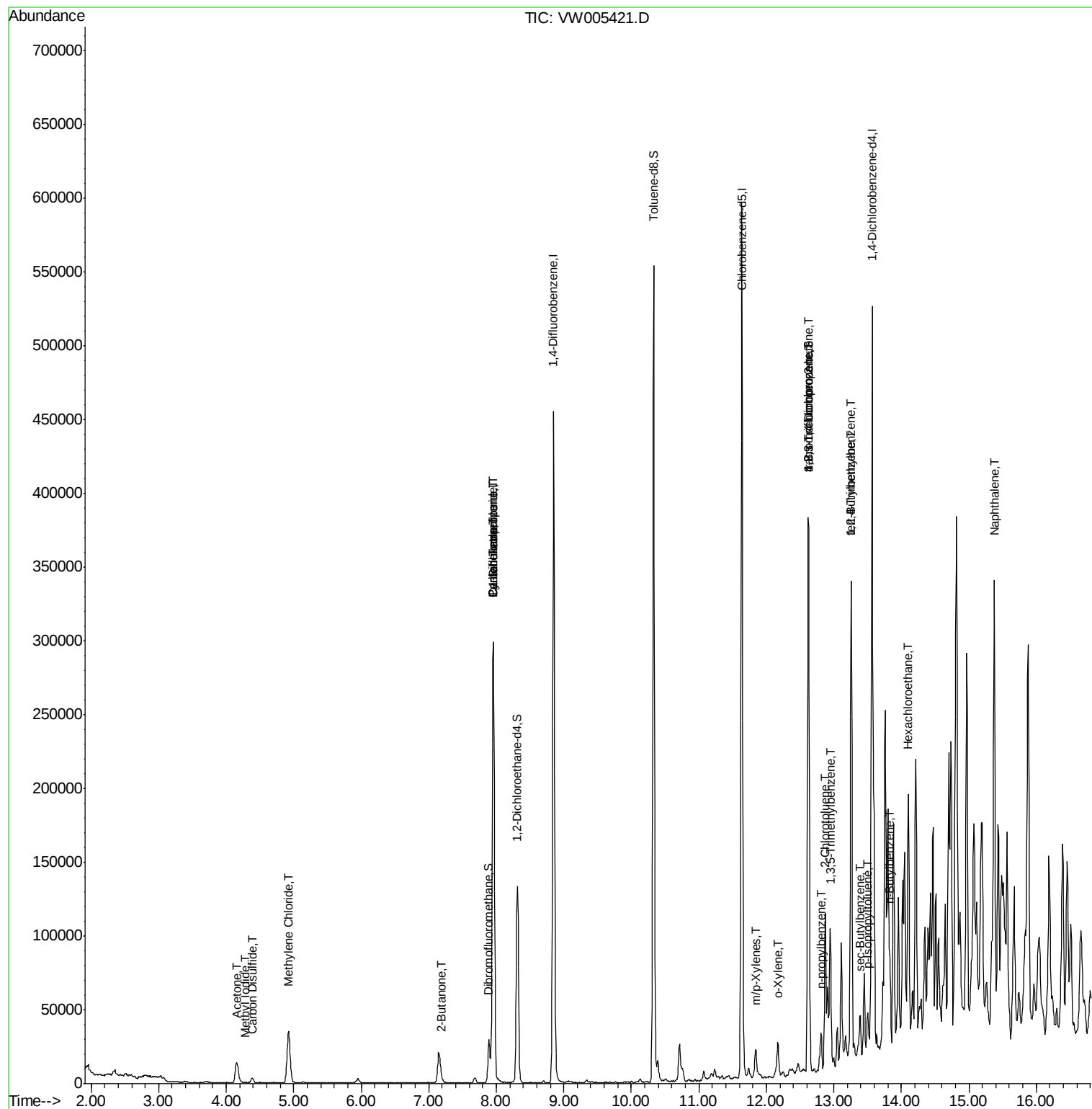
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	227431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110556	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.88	113	20642	9.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.66%	
50) Toluene-d8	10.33	98	366032	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	
62) 4-Bromofluorobenzene	12.62	95	120725	34.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	243	Below Cal	#	54
5) Bromomethane	2.76	94	122	Below Cal	#	24
10) Methyl Iodide	4.28	142	224	4.135	ug/l #	38
11) Tert butyl alcohol	5.23	59	72	Below Cal	#	71
16) Acetone	4.15	43	30005	75.830	ug/l	98
17) Carbon Disulfide	4.39	76	6588	1.063	ug/l	96
20) Methylene Chloride	4.92	84	26679	6.384	ug/l	96
25) 2-Butanone	7.20	43	1446	2.546	ug/l	92
31) Cyclohexane	7.95	56	5187	1.377	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	18455	5.209	ug/l #	50
38) Carbon Tetrachloride	7.96	117	22705	6.150	ug/l #	16
68) m/p-Xylenes	11.84	106	5400	1.122	ug/l	94
69) o-Xylene	12.18	106	5427	1.211	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	62226	57.449	ug/l #	100
78) n-propylbenzene	12.81	91	19359	1.736	ug/l	97
79) 2-Chlorotoluene	12.87	91	8535	1.297	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.95	105	35937	4.458	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	62226	149.026	ug/l #	8
83) tert-Butylbenzene	13.26	119	23687	3.538	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.26	105	178401	21.797	ug/l	98
85) sec-Butylbenzene	13.39	105	17098	1.767	ug/l	89
86) p-Isopropyltoluene	13.51	119	11782	1.362	ug/l	97
89) n-Butylbenzene	13.83	91	29954	3.718	ug/l #	80
90) Hexachloroethane	14.11	117	8193	5.526	ug/l #	7
95) Naphthalene	15.38	128	244086	56.704	ug/l	100

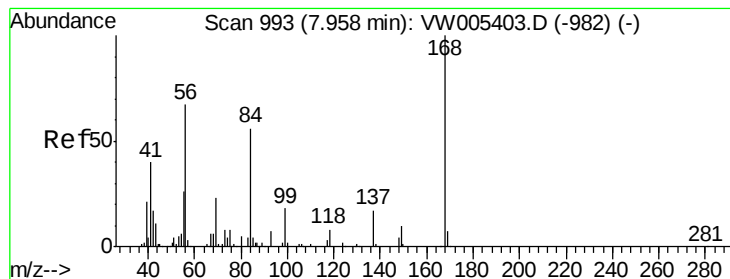
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Data File : VW005421.D
Acq On : 15 Sep 2018 08:34
Operator : SY/AP
Sample : J4775-07
Misc : 7.42G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

Quant Time: Sep 17 00:59:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

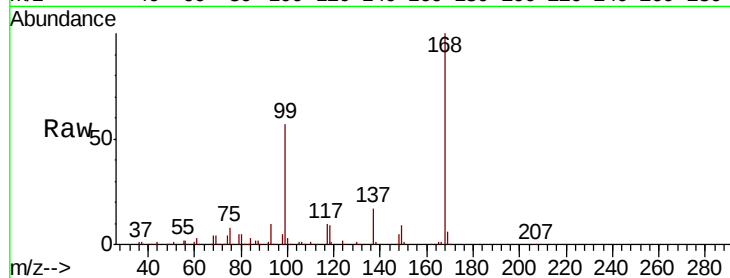
OR-03-091418-B

Tgt Ion:168 Resp: 227431

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

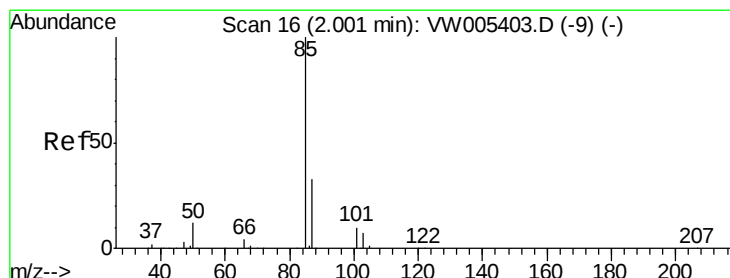
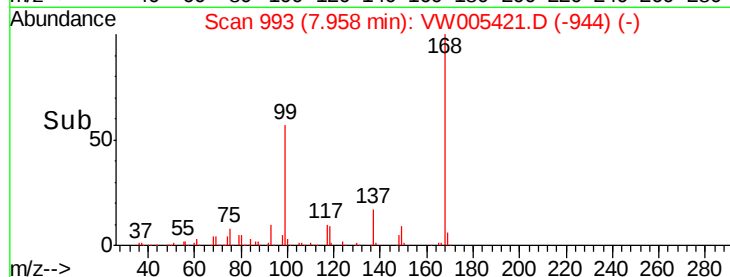
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005421.D

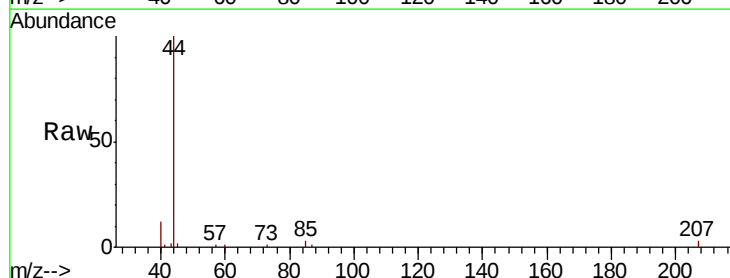
Acq: 15 Sep 2018 08:34

Tgt Ion: 85 Resp: 243

Ion Ratio Lower Upper

85 100

87 58.3 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200

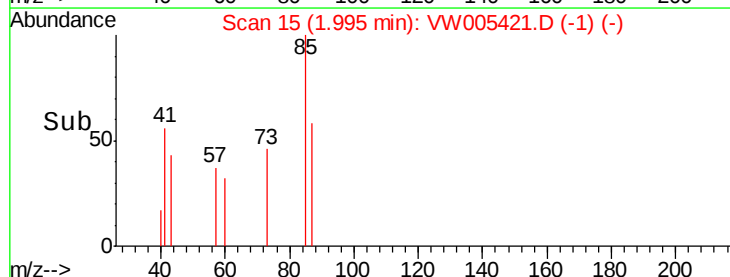
150

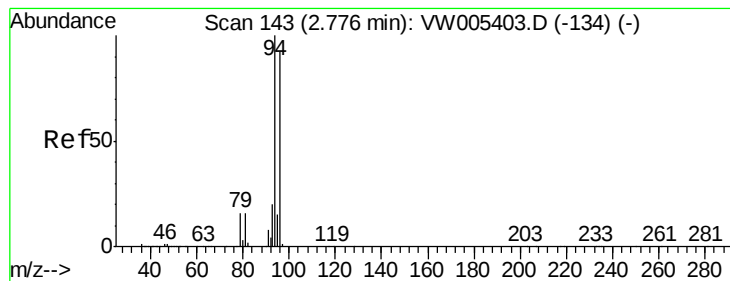
100

50

0

Time--> 1.96 1.98 2.00 2.02 2.04





#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

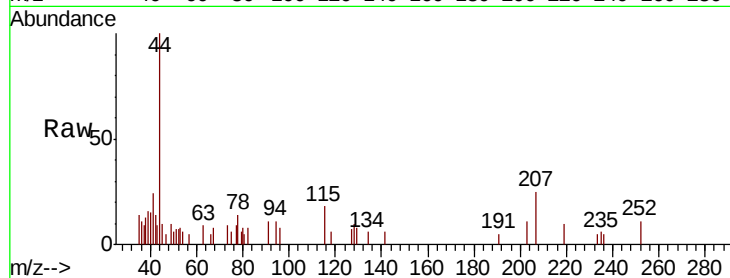
OR-03-091418-B

Tgt Ion: 94 Resp: 122

Ion Ratio Lower Upper

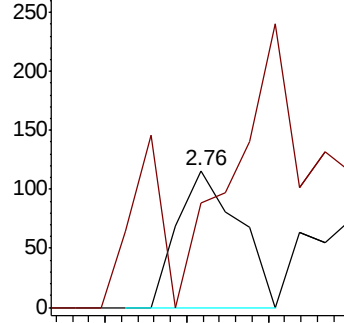
94 100

96 19.8 73.7 110.5#

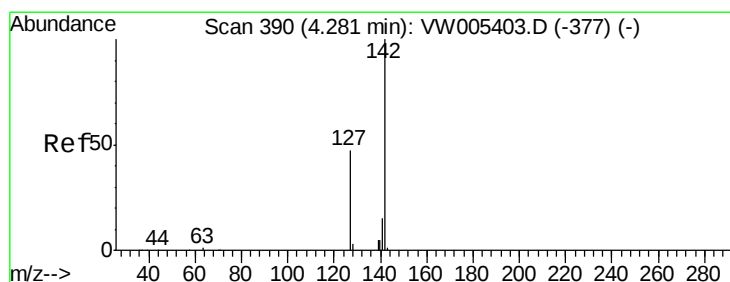
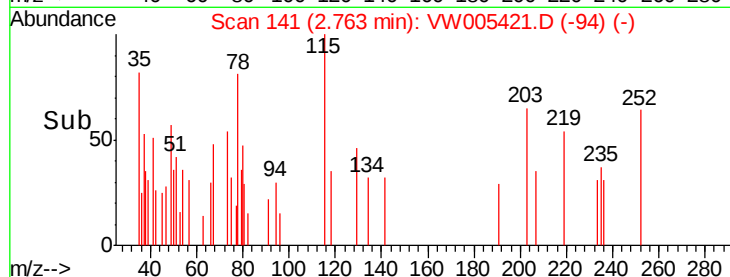


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#10

Methyl Iodide

Concen: 4.135 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

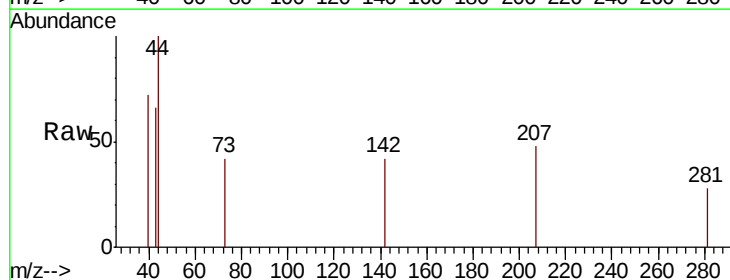
Tgt Ion: 142 Resp: 224

Ion Ratio Lower Upper

142 100

127 0.0 37.5 56.3#

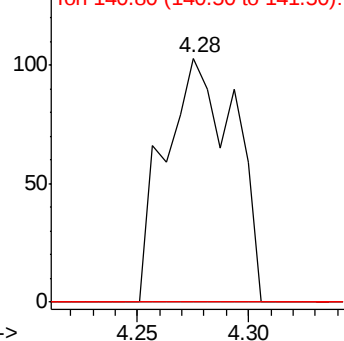
141 0.0 12.4 18.6#



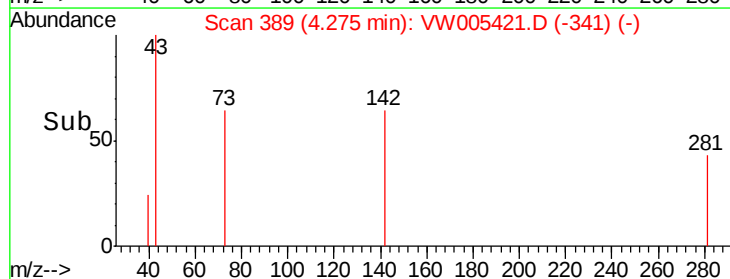
Abundance Ion 141.80 (141.50 to 142.50): V

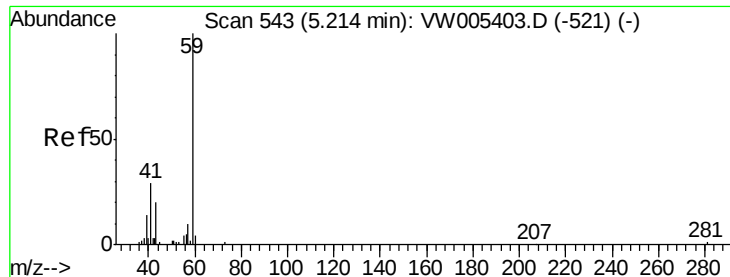
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

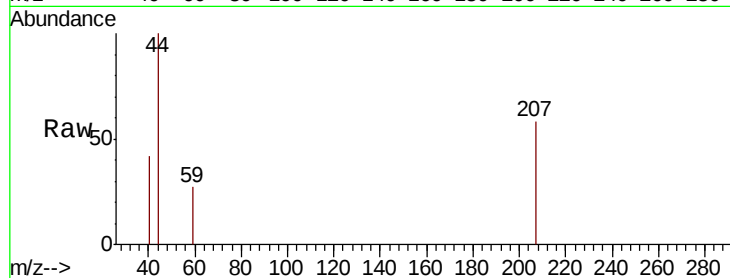




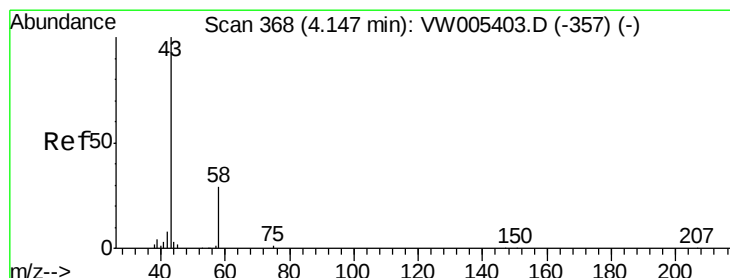
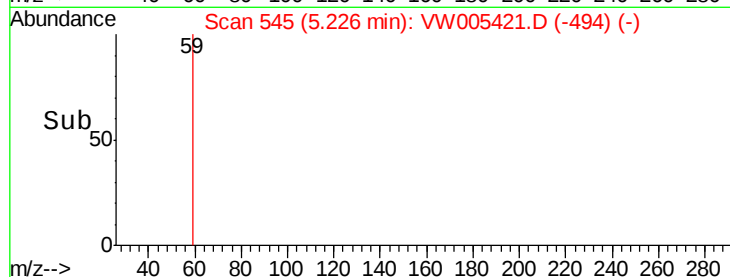
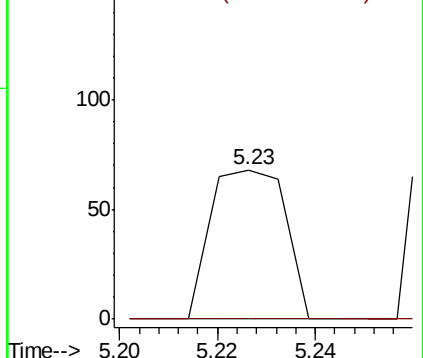
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

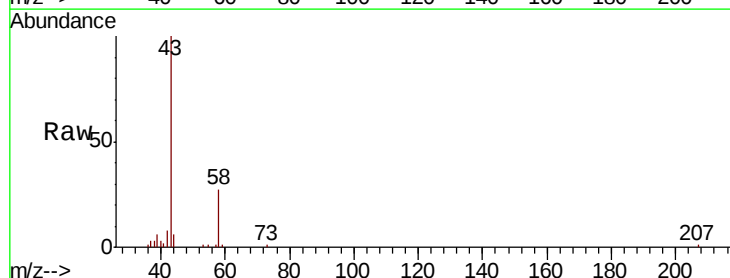


Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW

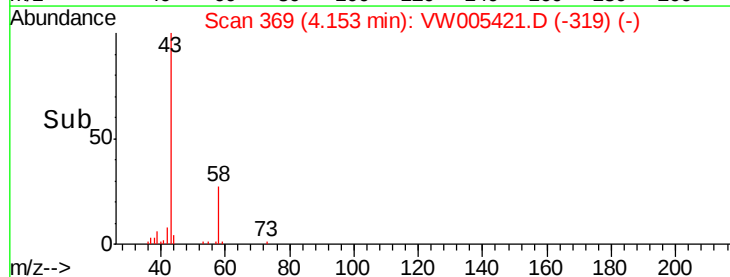
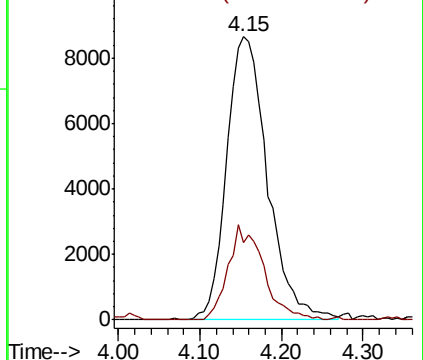


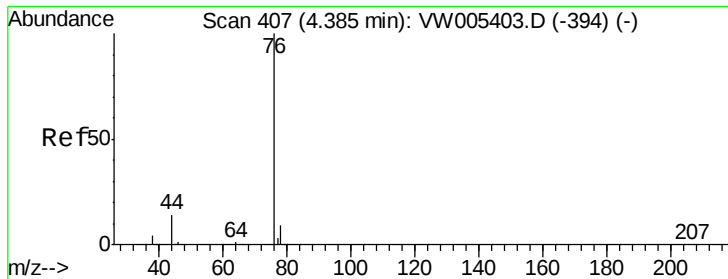
#16
Acetone
Concen: 75.830 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 43 Resp: 30005
Ion Ratio Lower Upper
43 100
58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

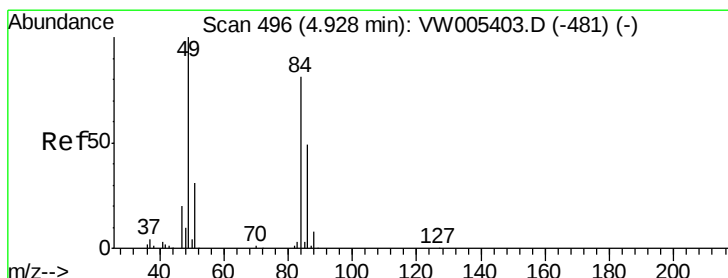
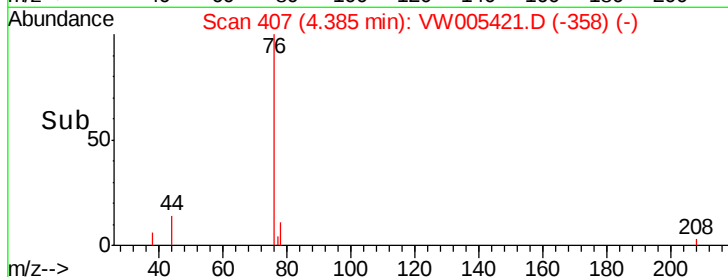
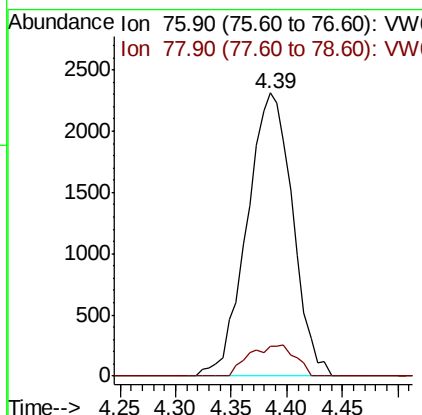
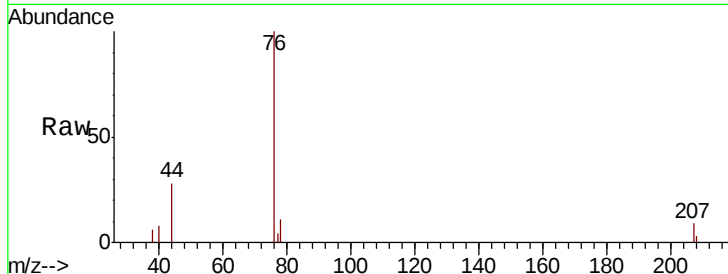




#17
Carbon Disulfide
Concen: 1.063 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

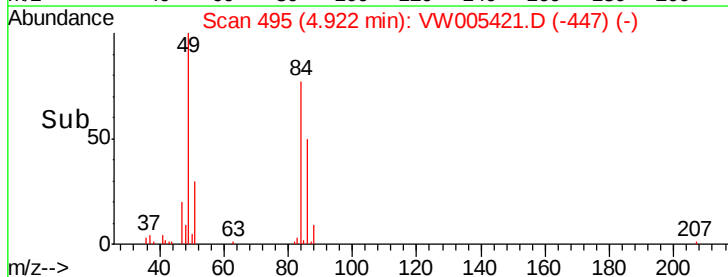
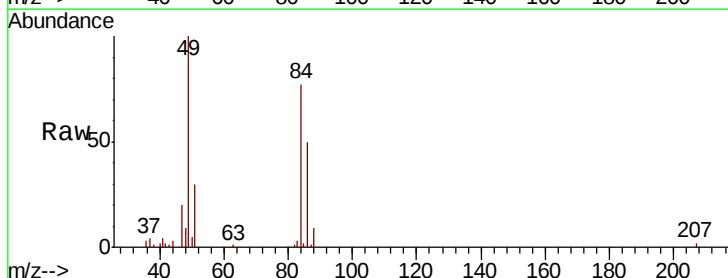
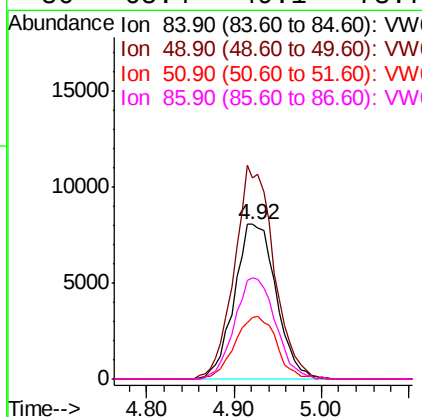
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

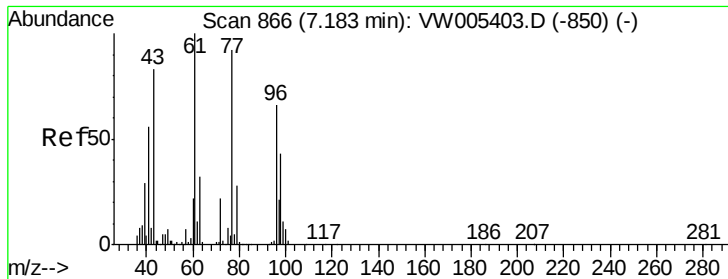
Tgt Ion: 76 Resp: 6588
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#20
Methylene Chloride
Concen: 6.384 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 84 Resp: 26679
Ion Ratio Lower Upper
84 100
49 129.9 99.3 148.9
51 39.5 31.1 46.7
86 65.4 49.1 73.7





#25

2-Butanone

Concen: 2.546 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

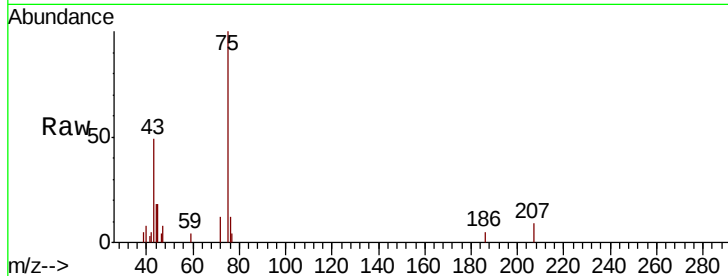
OR-03-091418-B

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

43 100

72 30.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

800

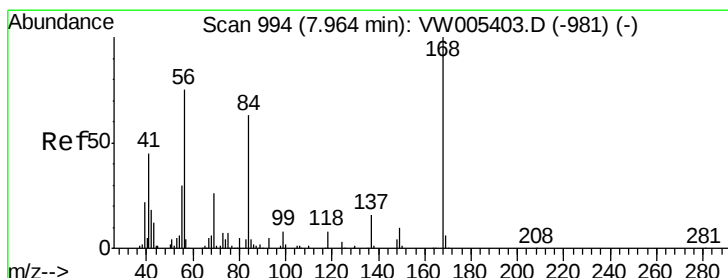
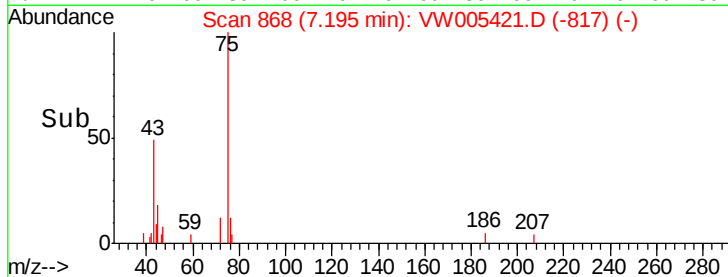
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.377 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

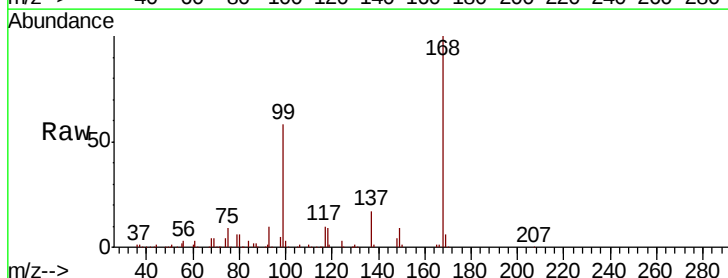
Tgt Ion: 56 Resp: 5187

Ion Ratio Lower Upper

56 100

69 152.1 27.2 40.8#

84 129.3 66.7 100.1#



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

5000

4000

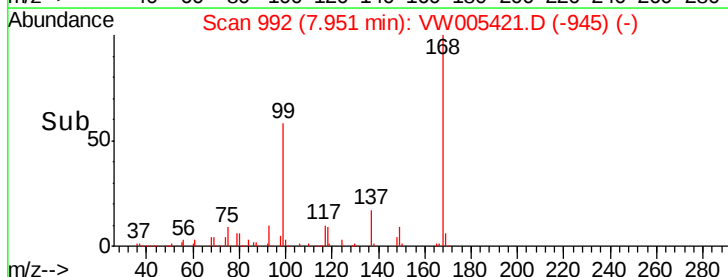
3000

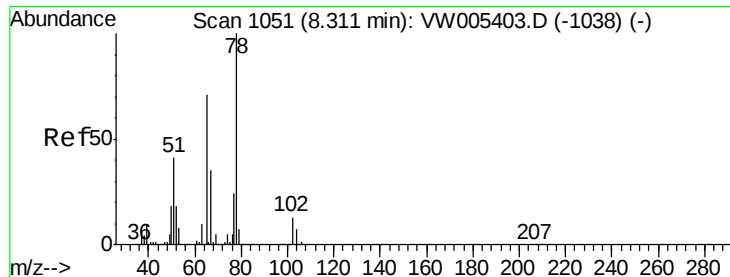
2000

1000

0

Time-->

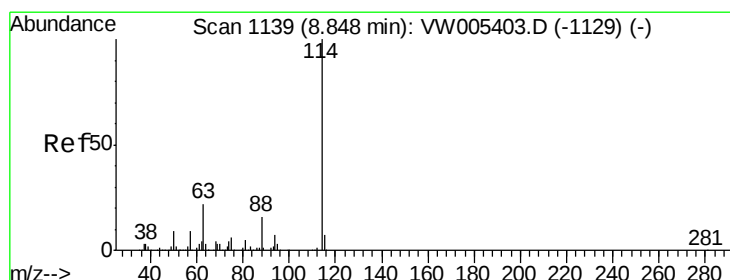
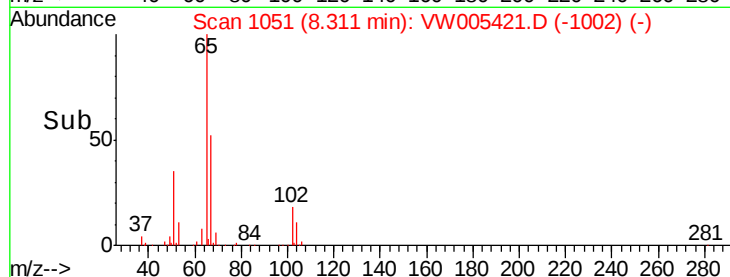
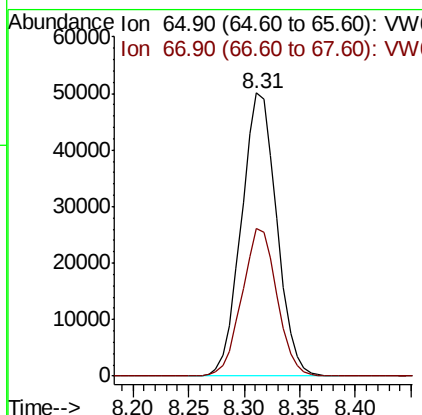
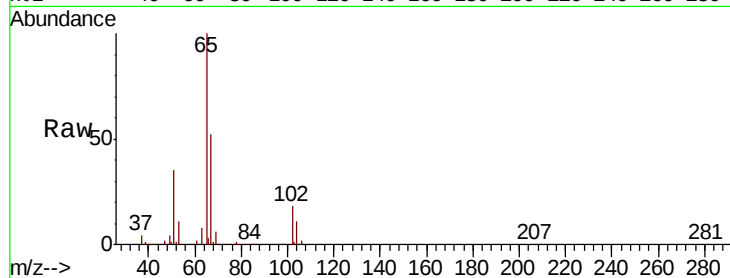




#33
 1,2-Dichloroethane-d4
 Concen: 46.831 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

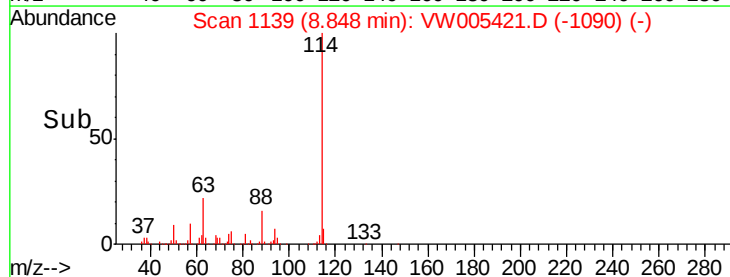
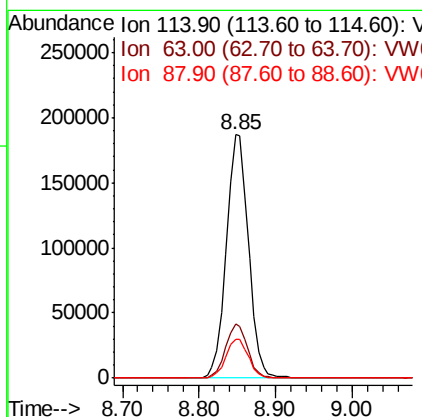
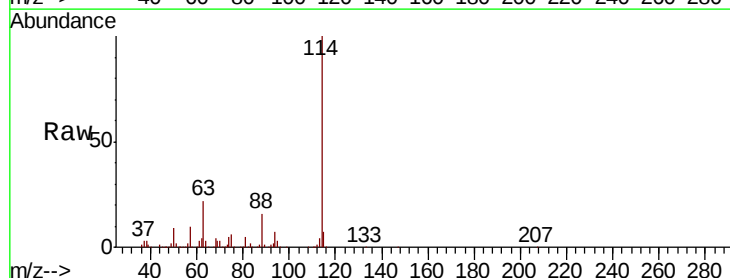
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-B

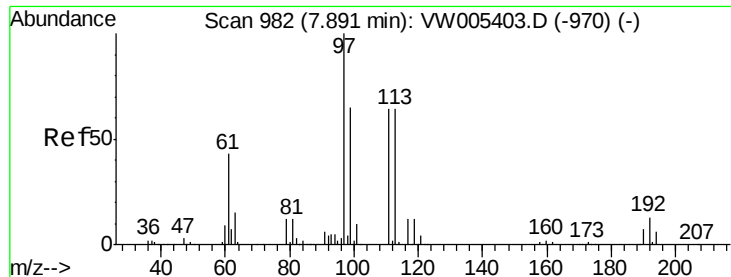
Tgt Ion: 65 Resp: 110556
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

Tgt Ion: 114 Resp: 374338
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 9.835 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-B

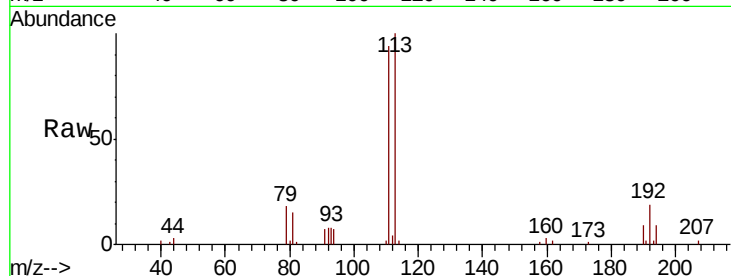
Tgt Ion:113 Resp: 20642

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

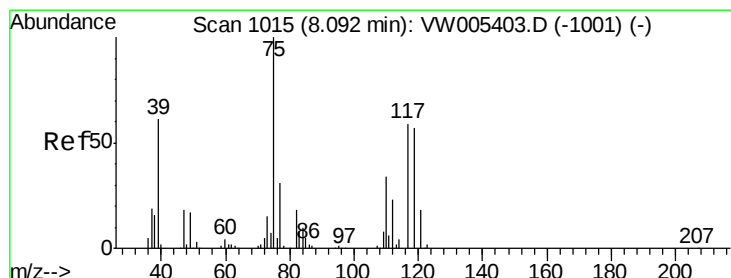
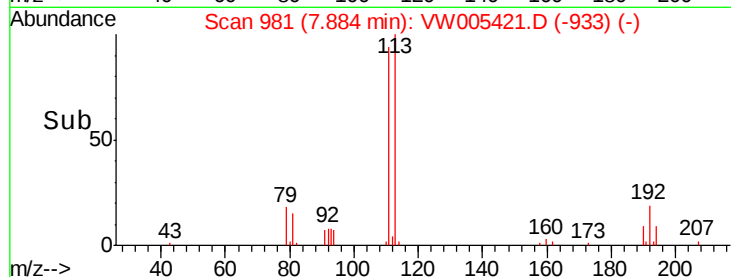
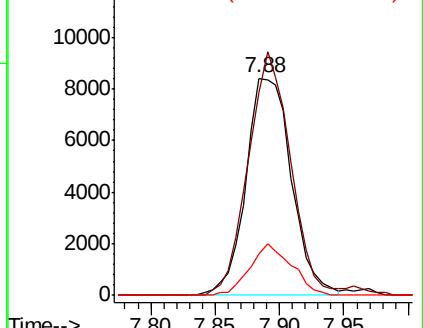
192 21.6 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.209 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.14 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

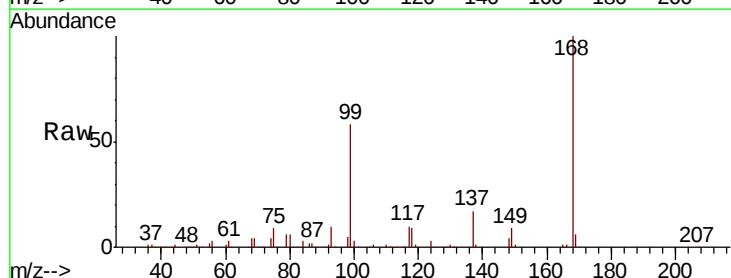
Tgt Ion: 75 Resp: 18455

Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

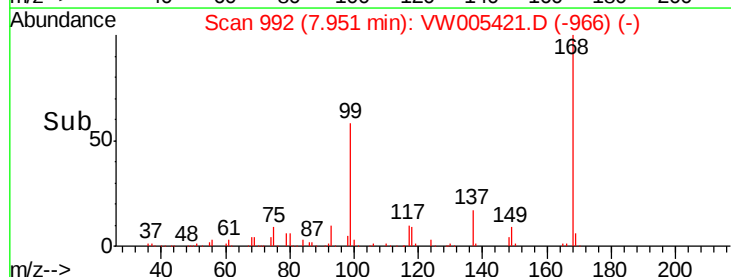
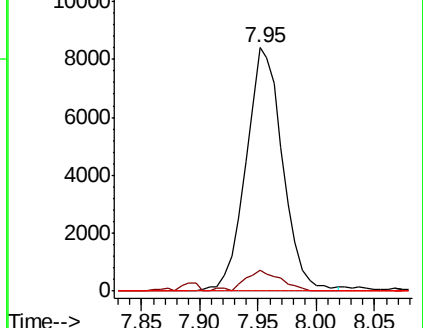
77 0.0 24.2 36.4#

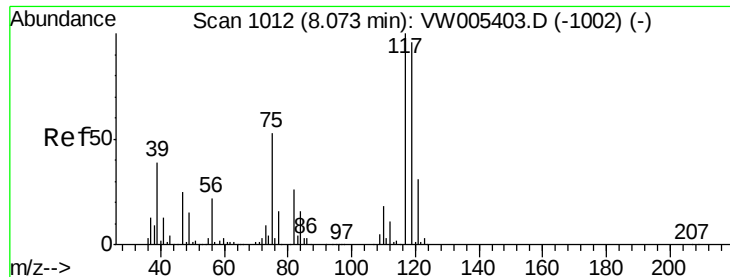


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.150 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-B

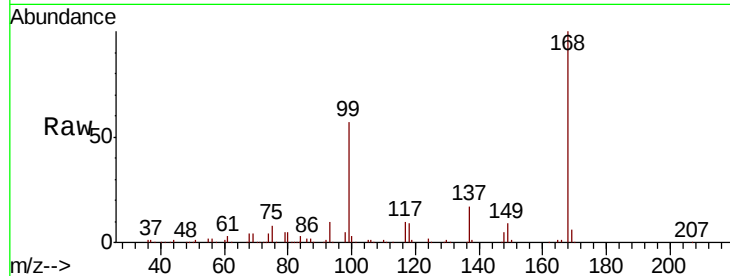
Tgt Ion:117 Resp: 22705

Ion Ratio Lower Upper

117 100

119 5.7 76.8 115.2#

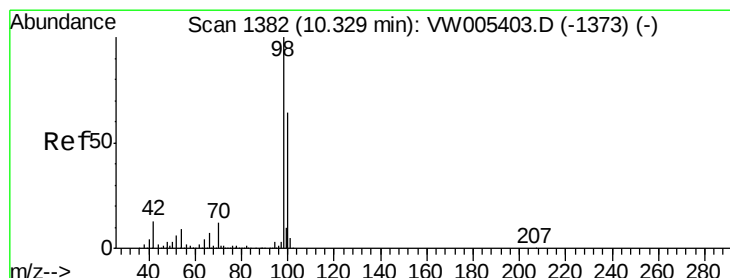
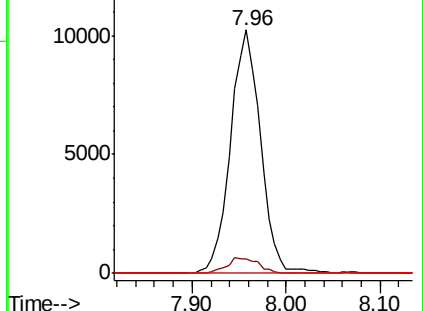
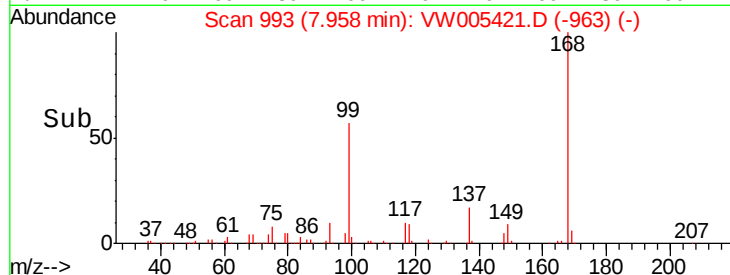
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 38.081 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005421.D

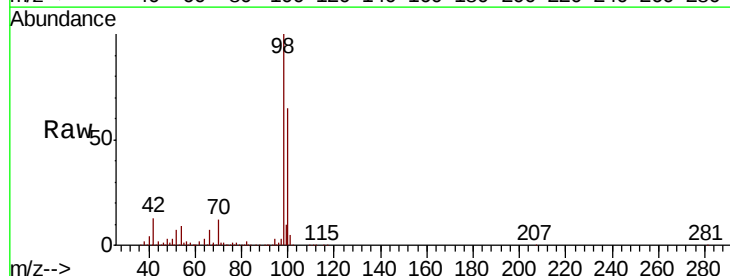
Acq: 15 Sep 2018 08:34

Tgt Ion: 98 Resp: 366032

Ion Ratio Lower Upper

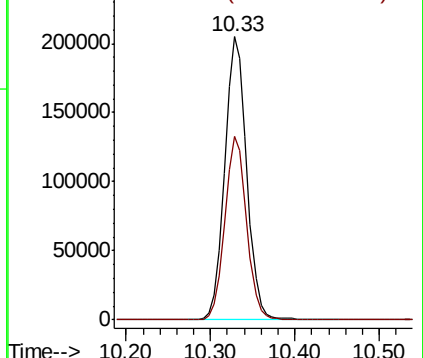
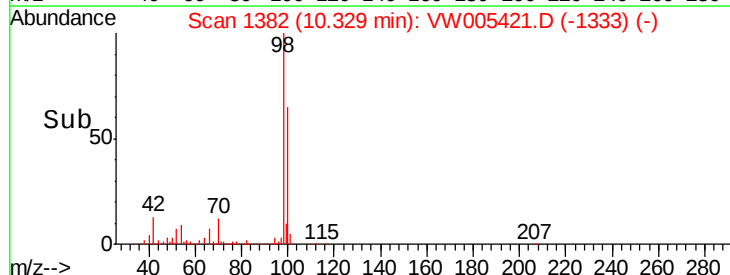
98 100

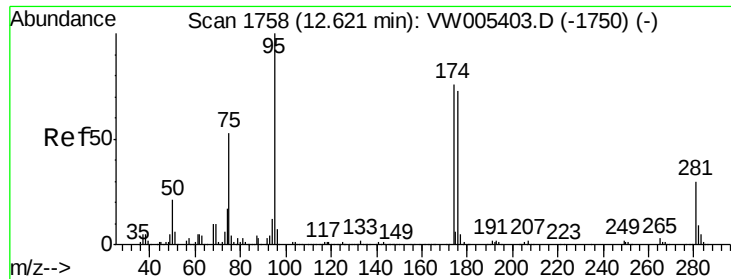
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

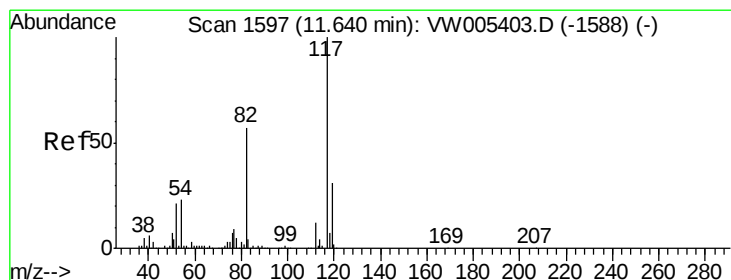
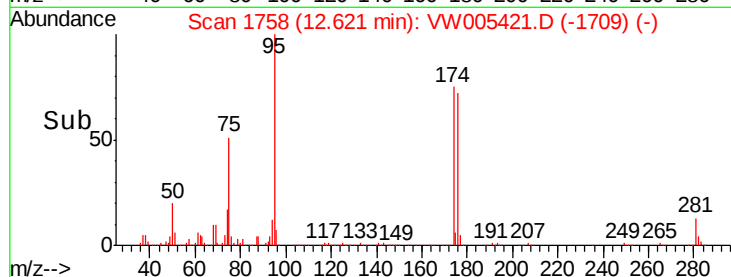
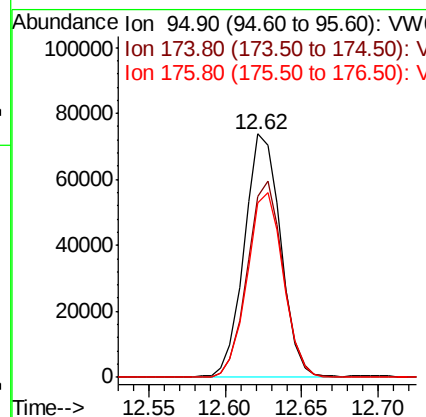
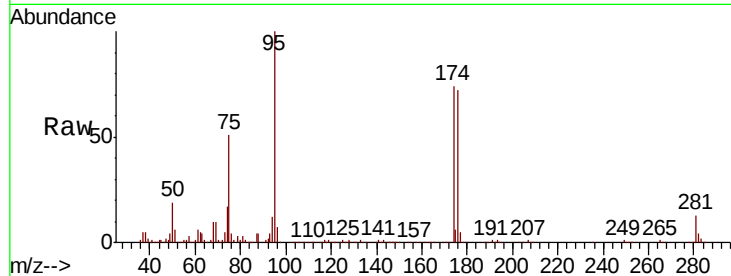




#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

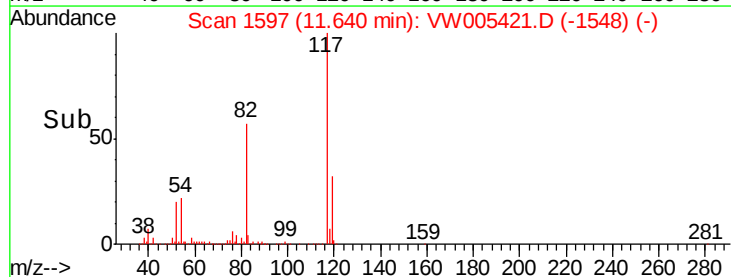
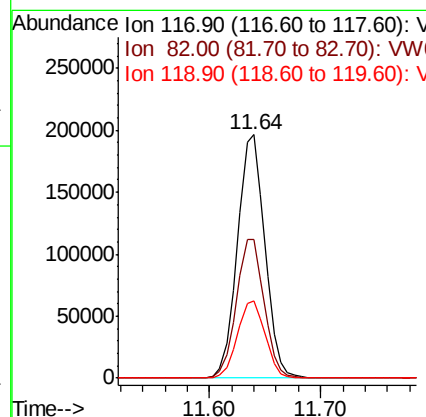
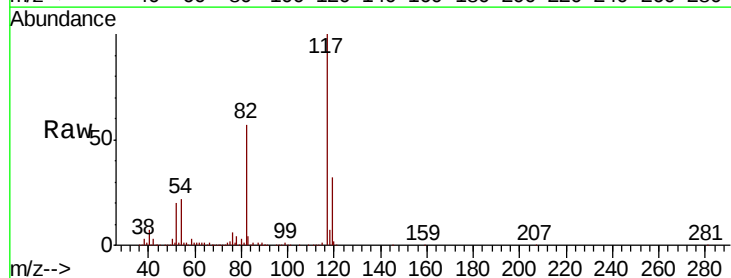
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

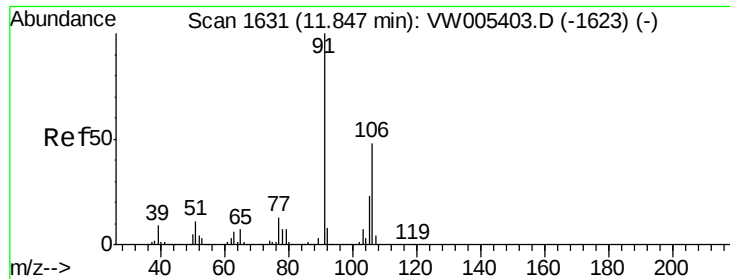
Tgt Ion: 95 Resp: 120725
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.2
176 76.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 117 Resp: 335067
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.6 24.8 37.2

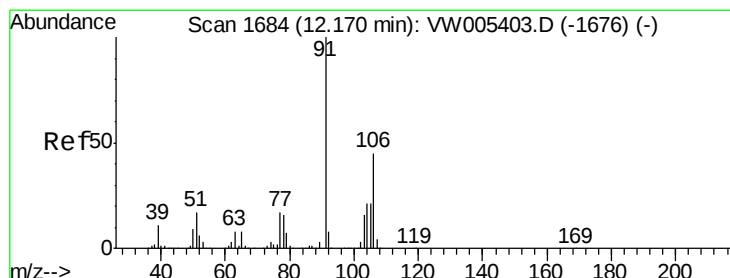
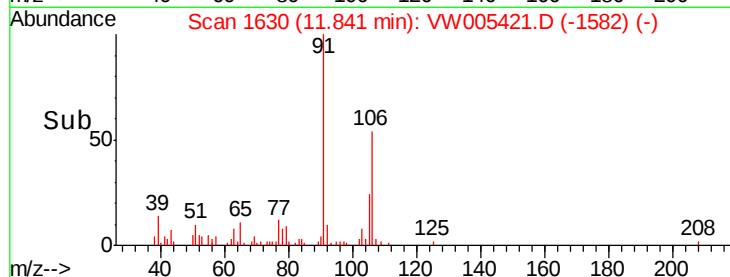
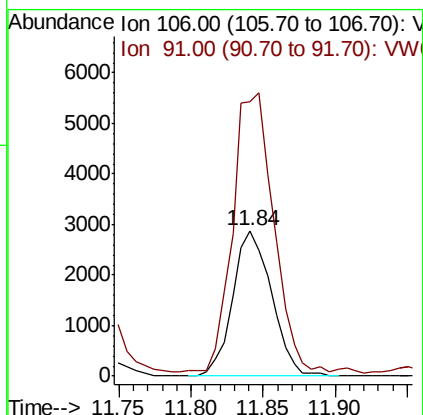
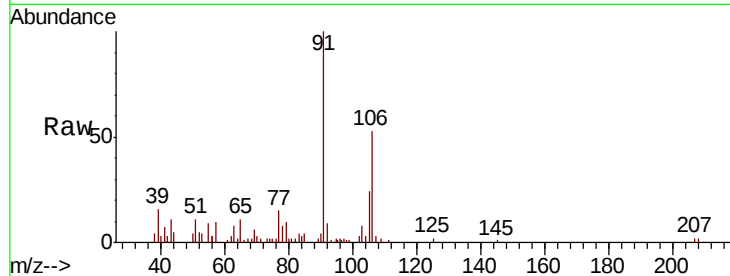




#68
m/p-Xylenes
Concen: 1.122 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

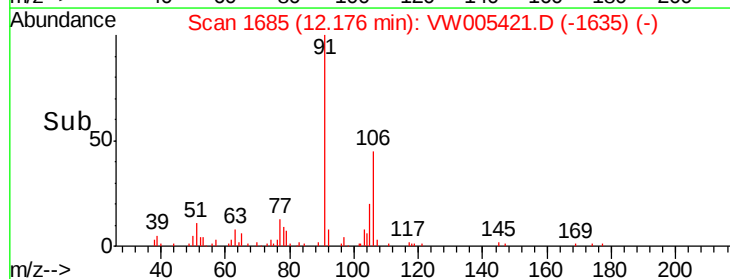
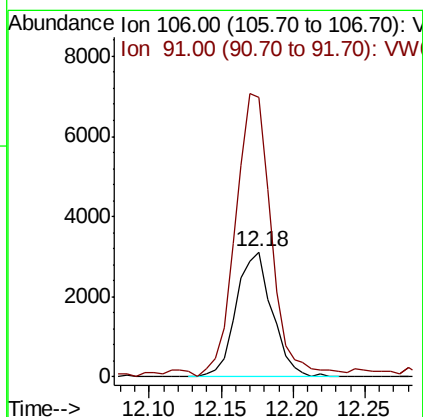
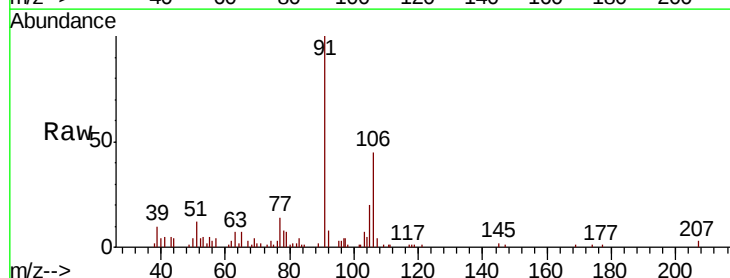
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

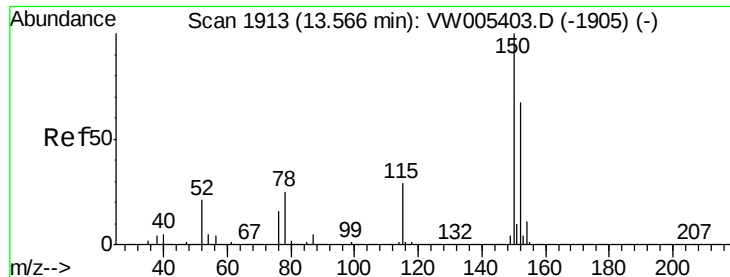
Tgt Ion:106 Resp: 5400
Ion Ratio Lower Upper
106 100
91 200.9 167.9 251.9



#69
o-Xylene
Concen: 1.211 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion:106 Resp: 5427
Ion Ratio Lower Upper
106 100
91 227.2 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-B

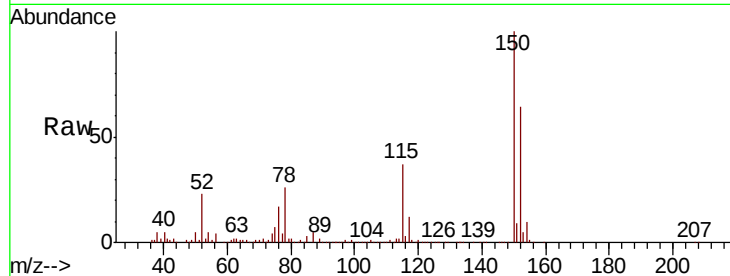
Tgt Ion:152 Resp: 131694

Ion Ratio Lower Upper

152 100

115 60.2 29.5 88.5

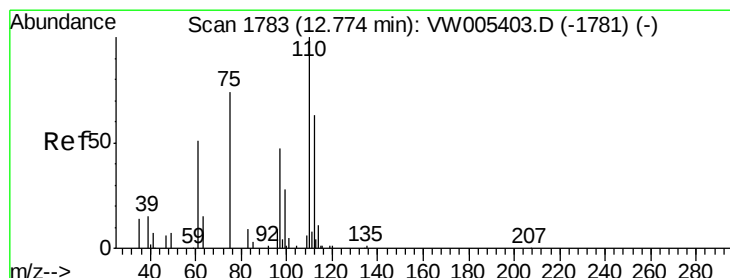
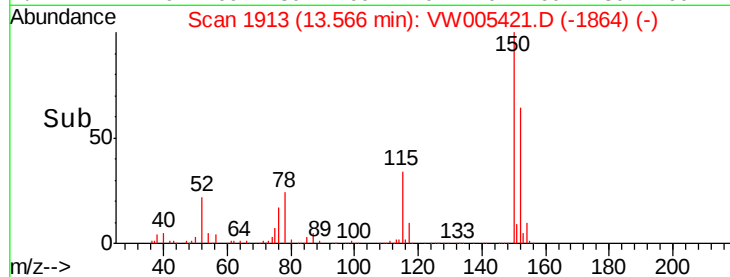
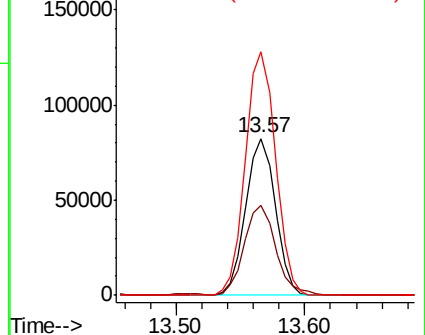
150 156.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 57.449 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005421.D

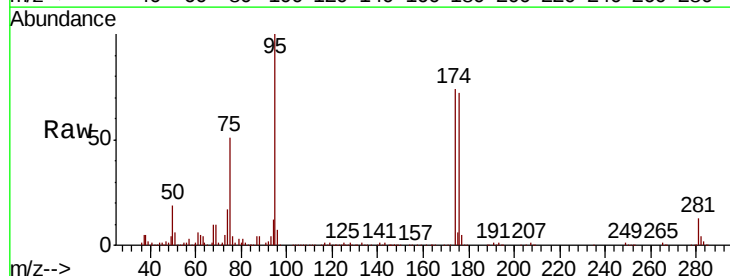
Acq: 15 Sep 2018 08:34

Tgt Ion: 75 Resp: 62226

Ion Ratio Lower Upper

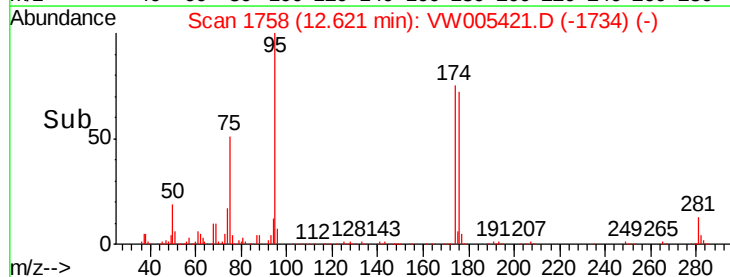
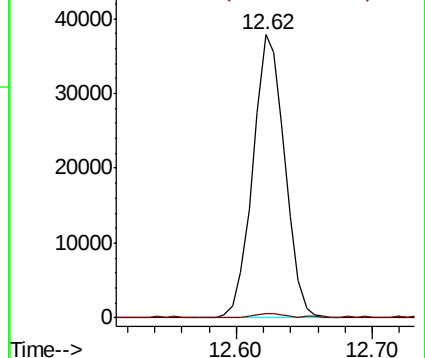
75 100

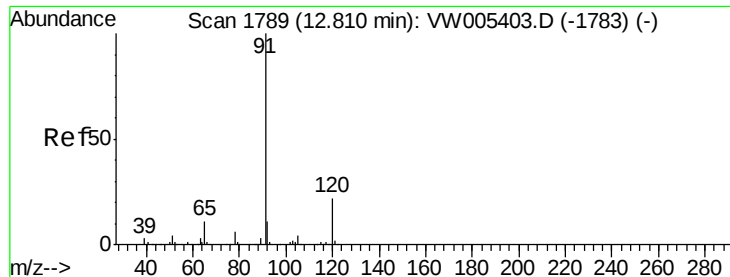
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

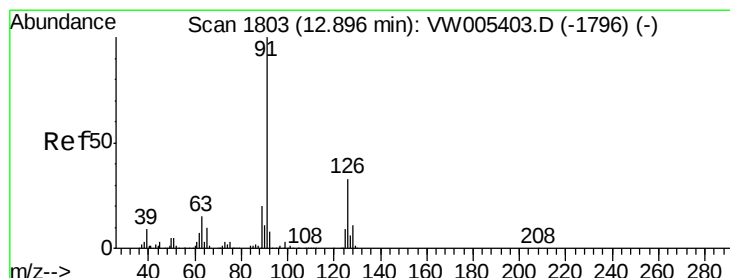
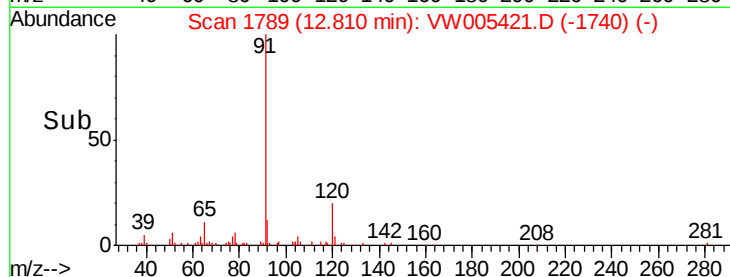
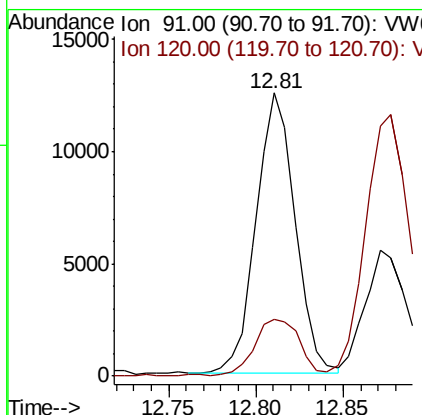
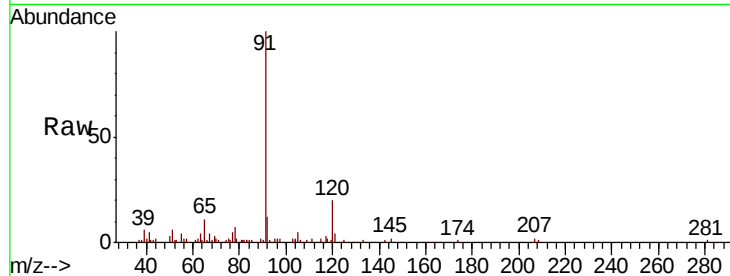




#78
n-propylbenzene
Concen: 1.736 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

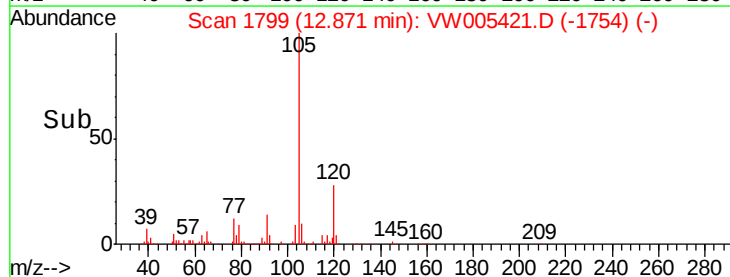
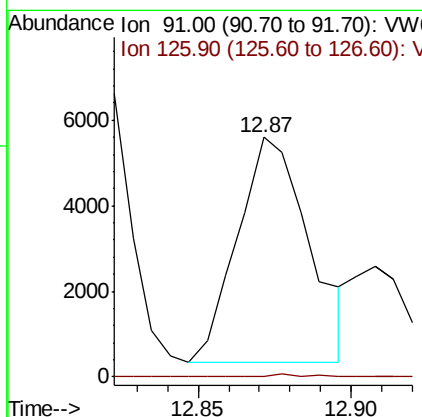
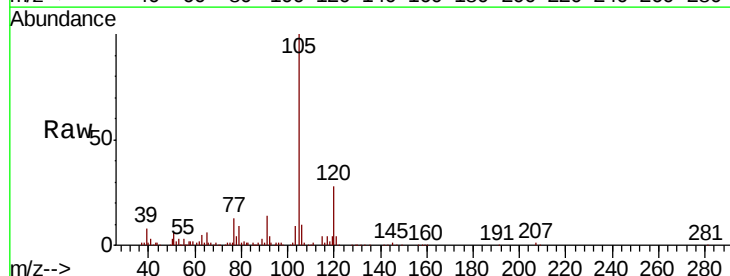
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

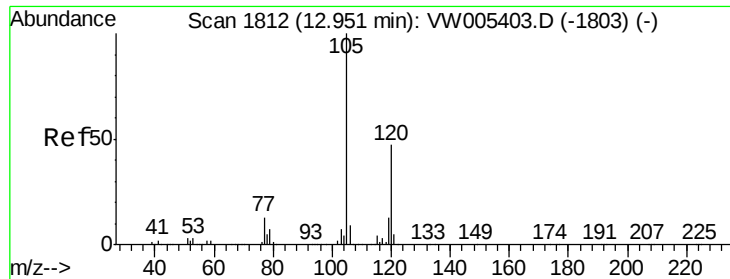
Tgt Ion: 91 Resp: 19359
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.8



#79
2-Chlorotoluene
Concen: 1.297 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 91 Resp: 8535
Ion Ratio Lower Upper
91 100
126 0.6 16.4 49.1#

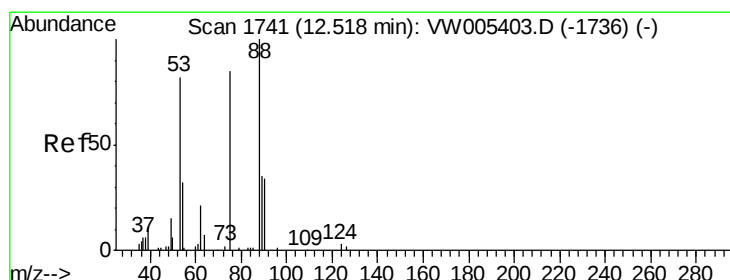
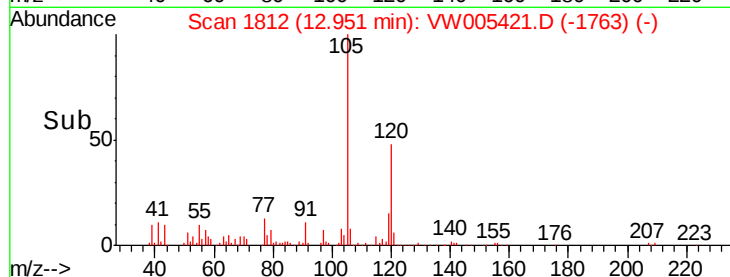
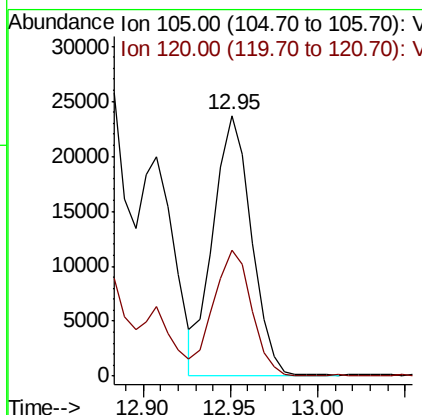
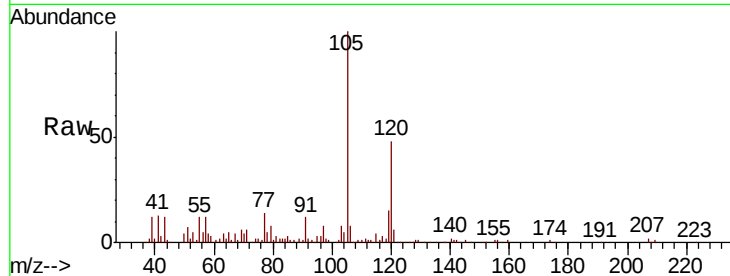




#80
 1,3,5-Trimethylbenzene
 Concen: 4.458 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

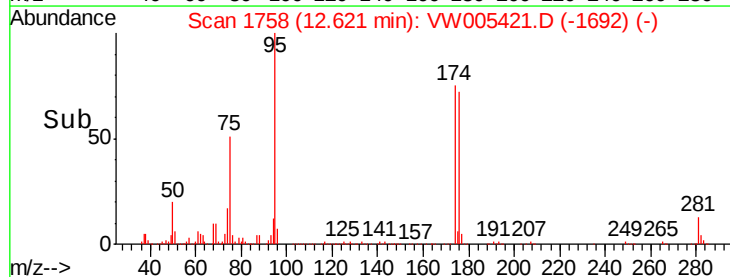
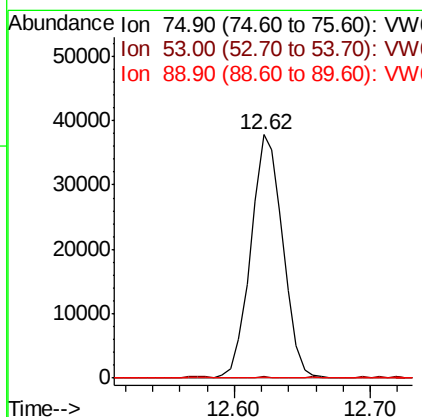
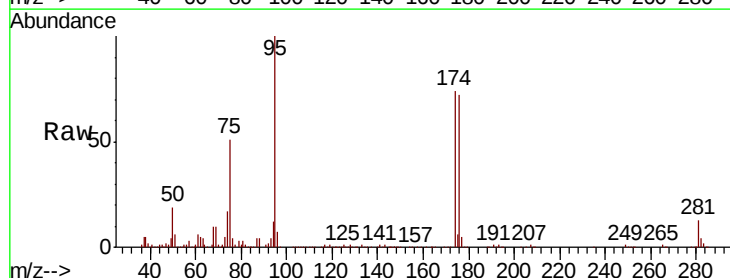
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-B

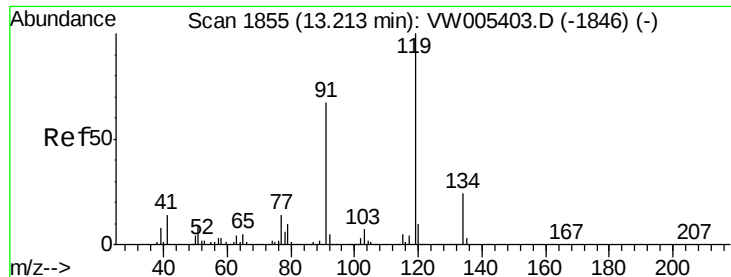
Tgt Ion: 105 Resp: 35937
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.026 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

Tgt Ion: 75 Resp: 62226
 Ion Ratio Lower Upper
 75 100
 53 0.2 83.2 124.8#
 89 0.0 36.6 54.8#

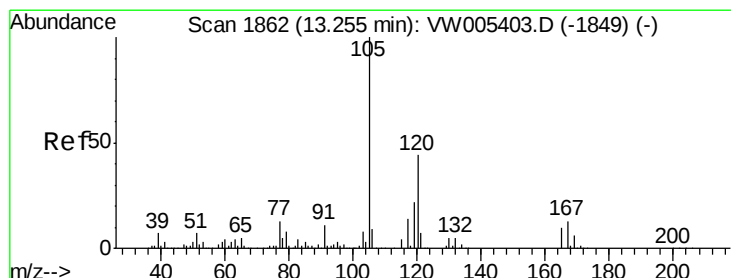
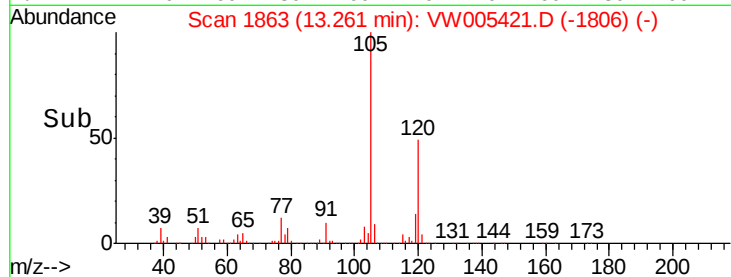
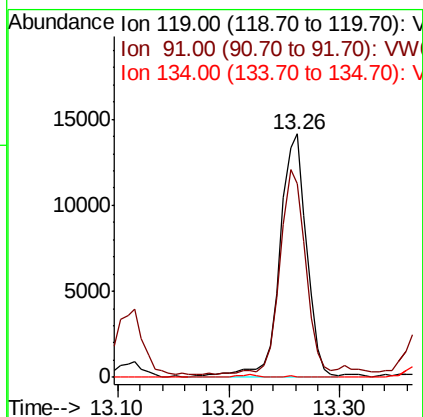
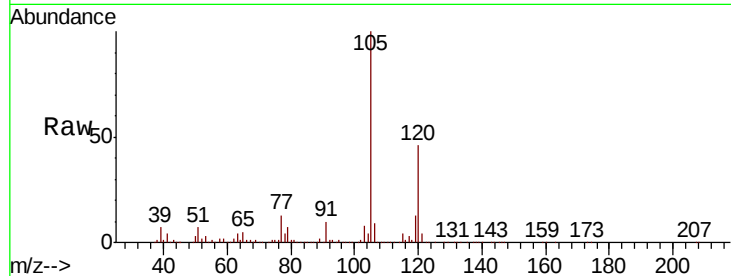




#83
 tert-Butylbenzene
 Concen: 3.538 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.05 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

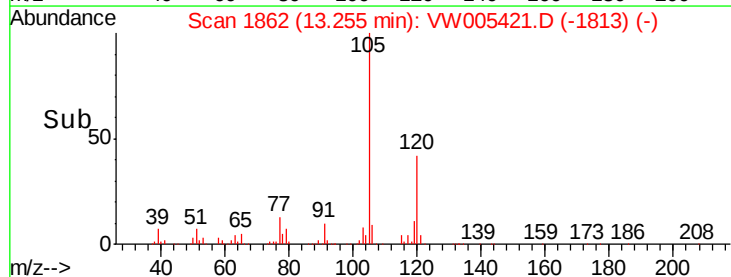
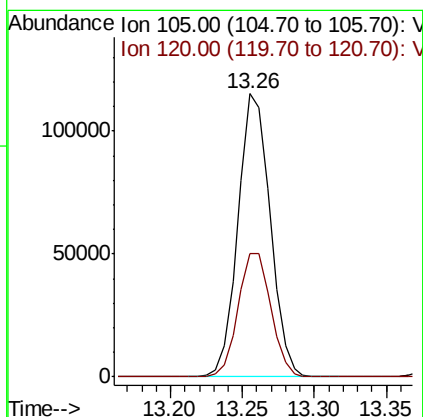
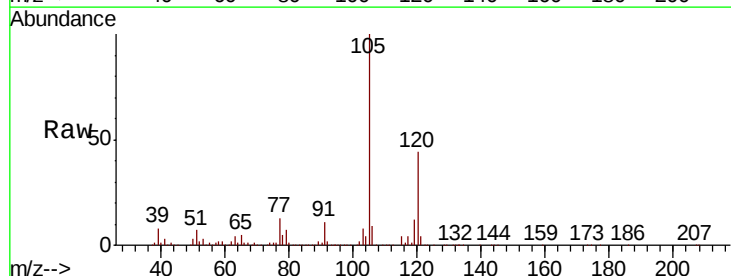
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-B

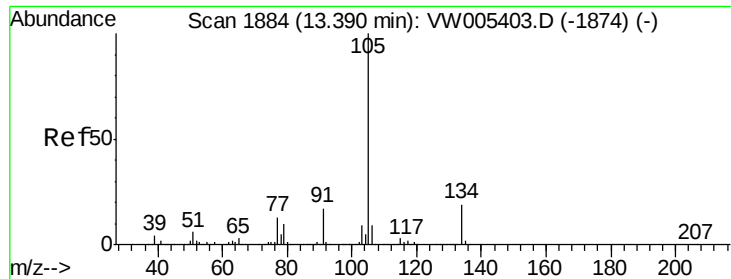
Tgt Ion:119 Resp: 23687
 Ion Ratio Lower Upper
 119 100
 91 78.9 34.4 103.2
 134 0.0 12.7 38.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 21.797 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

Tgt Ion:105 Resp: 178401
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 1.767 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

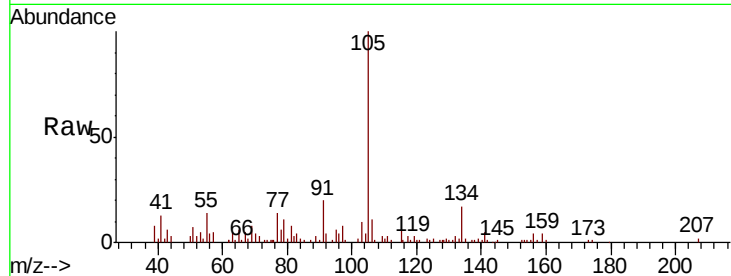
OR-03-091418-B

Tgt Ion:105 Resp: 17098

Ion Ratio Lower Upper

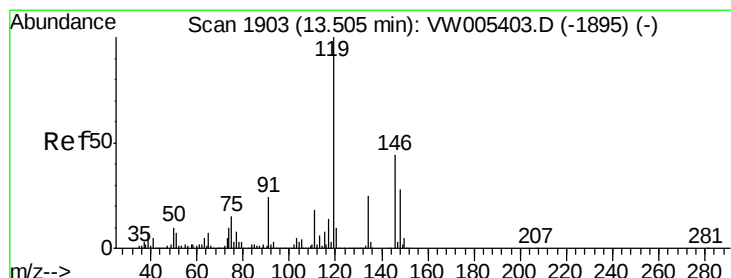
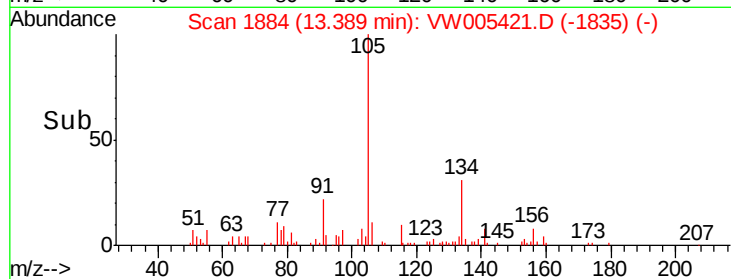
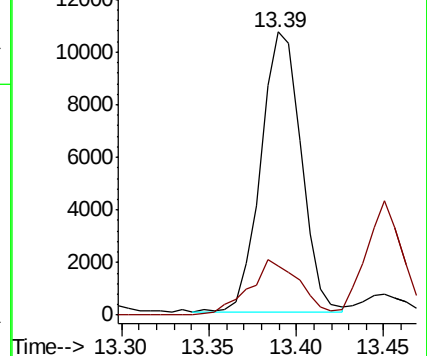
105 100

134 24.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.362 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

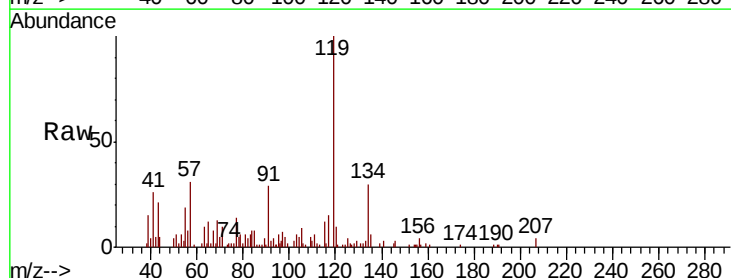
Tgt Ion:119 Resp: 11782

Ion Ratio Lower Upper

119 100

134 27.9 12.6 37.8

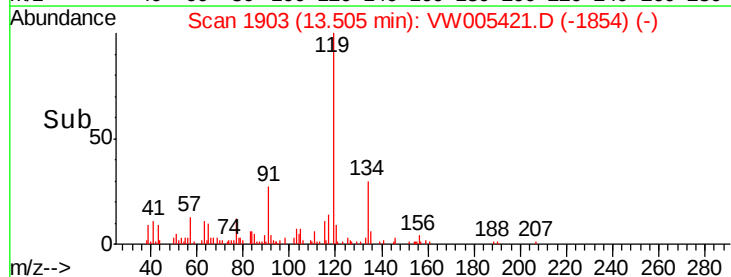
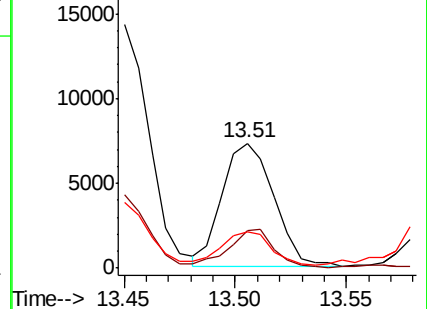
91 24.6 12.0 36.0

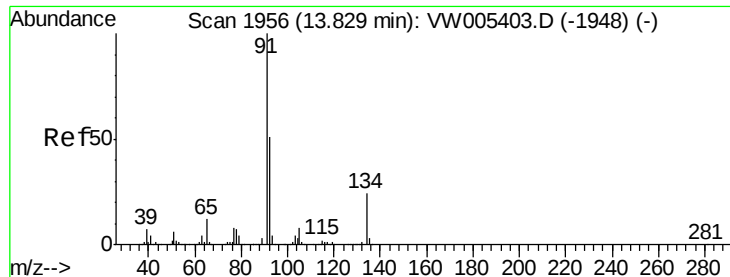


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 3.718 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-B

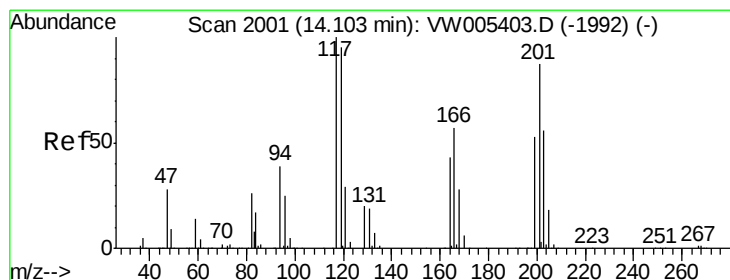
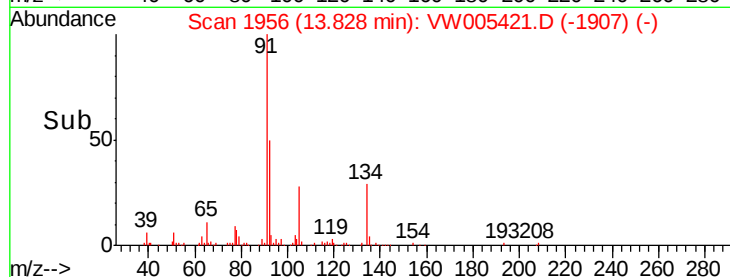
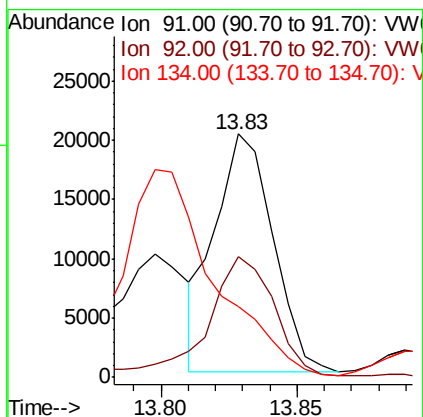
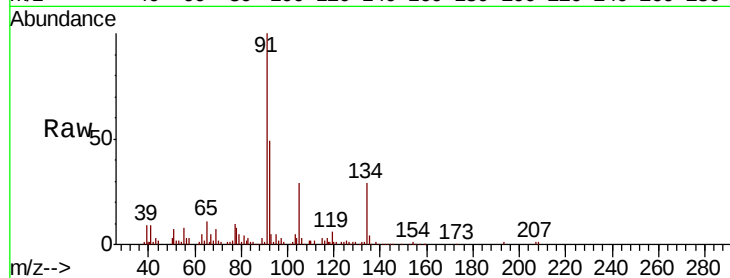
Tgt Ion: 91 Resp: 29954

Ion Ratio Lower Upper

91 100

92 55.8 26.2 78.6

134 0.0 12.7 38.1#



#90

Hexachloroethane

Concen: 5.526 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005421.D

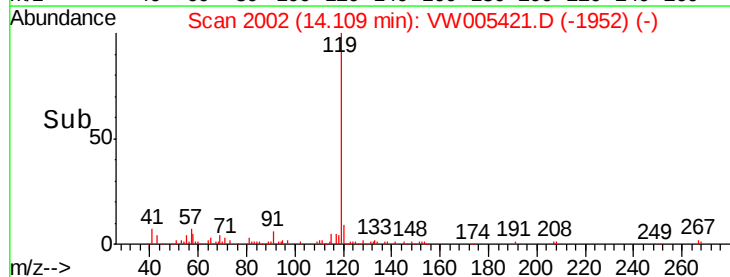
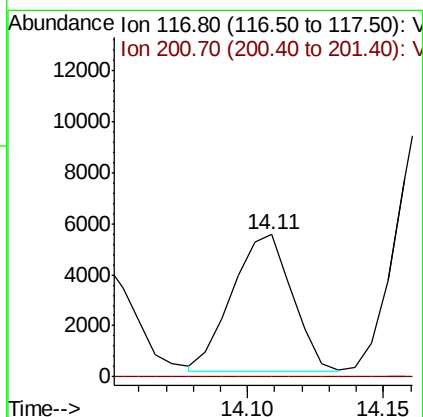
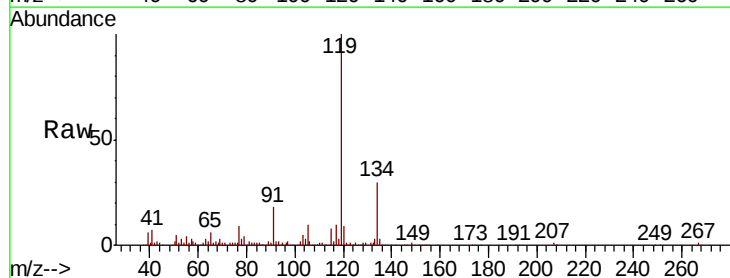
Acq: 15 Sep 2018 08:34

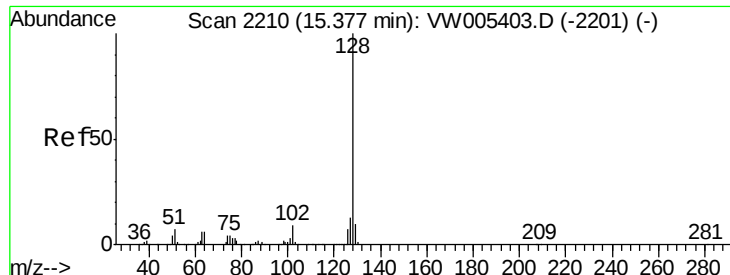
Tgt Ion: 117 Resp: 8193

Ion Ratio Lower Upper

117 100

201 0.0 42.5 127.5#

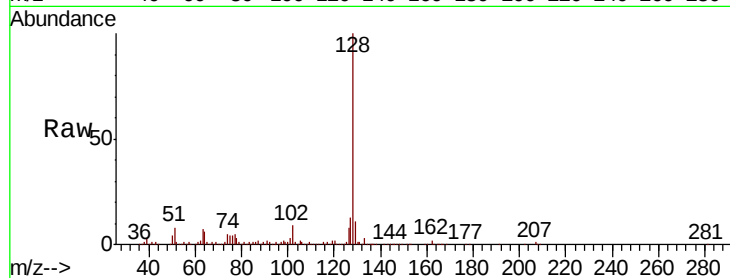




#95
Naphthalene
Concen: 56.704 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

