

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005460.D
 Acq On : 18 Sep 2018 05:01
 Operator : SY/AP
 Sample : J4944-01
 Misc : 6.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

Quant Time: Sep 18 06:05:13 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	3687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	5424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1581	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	7.88	113	753	24.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.52%	
50) Toluene-d8	10.33	98	2854	20.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.98%	
62) 4-Bromofluorobenzene	12.63	95	995	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	

Target Compounds

						Qvalue
3) Chloromethane	2.23	50	130	2.987	ug/l #	42
6) Chloroethane	2.92	64	56	2.318	ug/l #	43
16) Acetone	4.12	43	180	15.828	ug/l #	46
18) Methyl Acetate	4.73	43	41	2.229	ug/l #	54
25) 2-Butanone	7.17	43	40	4.345	ug/l #	49
36) 1,1-Dichloropropene	7.96	75	317	6.175	ug/l #	43
37) Ethyl Acetate	7.29	43	23	1.102	ug/l #	68
38) Carbon Tetrachloride	7.95	117	412	7.702	ug/l #	12
41) Methacrylonitrile	7.48	41	24	1.906	ug/l #	24
48) Methyl methacrylate	9.47	41	49	2.410	ug/l #	13
51) 4-Methyl-2-Pentanone	10.24	43	41	1.955	ug/l #	85
55) 1,1,2-Trichloroethane	10.73	97	187	7.199	ug/l #	15
59) 2-Hexanone	10.99	43	105	7.350	ug/l #	57
67) Ethyl Benzene	11.73	91	114	1.553	ug/l #	44
73) Isopropylbenzene	12.48	105	1440	115.309	ug/l #	73
74) N-amyl acetate	12.30	43	46	17.480	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.68	83	181	99.354	ug/l #	1
76) 1,2,3-Trichloropropane	12.76	75	23	15.710	ug/l #	100
78) n-propylbenzene	13.04	91	767	50.891	ug/l	97
79) 2-Chlorotoluene	12.87	91	170	19.119	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	90	8.260	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.63	75	241	427.025	ug/l #	1
82) 4-Chlorotoluene	12.99	91	38	4.048	ug/l #	42
83) tert-Butylbenzene	13.22	119	438	48.396	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.24	105	335	30.282	ug/l	78
85) sec-Butylbenzene	13.40	105	75	5.735	ug/l #	57
86) p-Isopropyltoluene	13.48	119	128	10.945	ug/l #	1
87) 1,3-Dichlorobenzene	13.66	146	31	5.177	ug/l #	1
88) 1,4-Dichlorobenzene	13.66	146	31	5.257	ug/l #	1
89) n-Butylbenzene	13.87	91	103	9.458	ug/l #	78
90) Hexachloroethane	14.12	117	46	22.957	ug/l #	7
91) 1,2-Dichlorobenzene	13.85	146	23	4.395	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.67	75	27	77.168	ug/l #	1
95) Naphthalene	15.39	128	108	18.563	ug/l #	72

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Instrument :
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

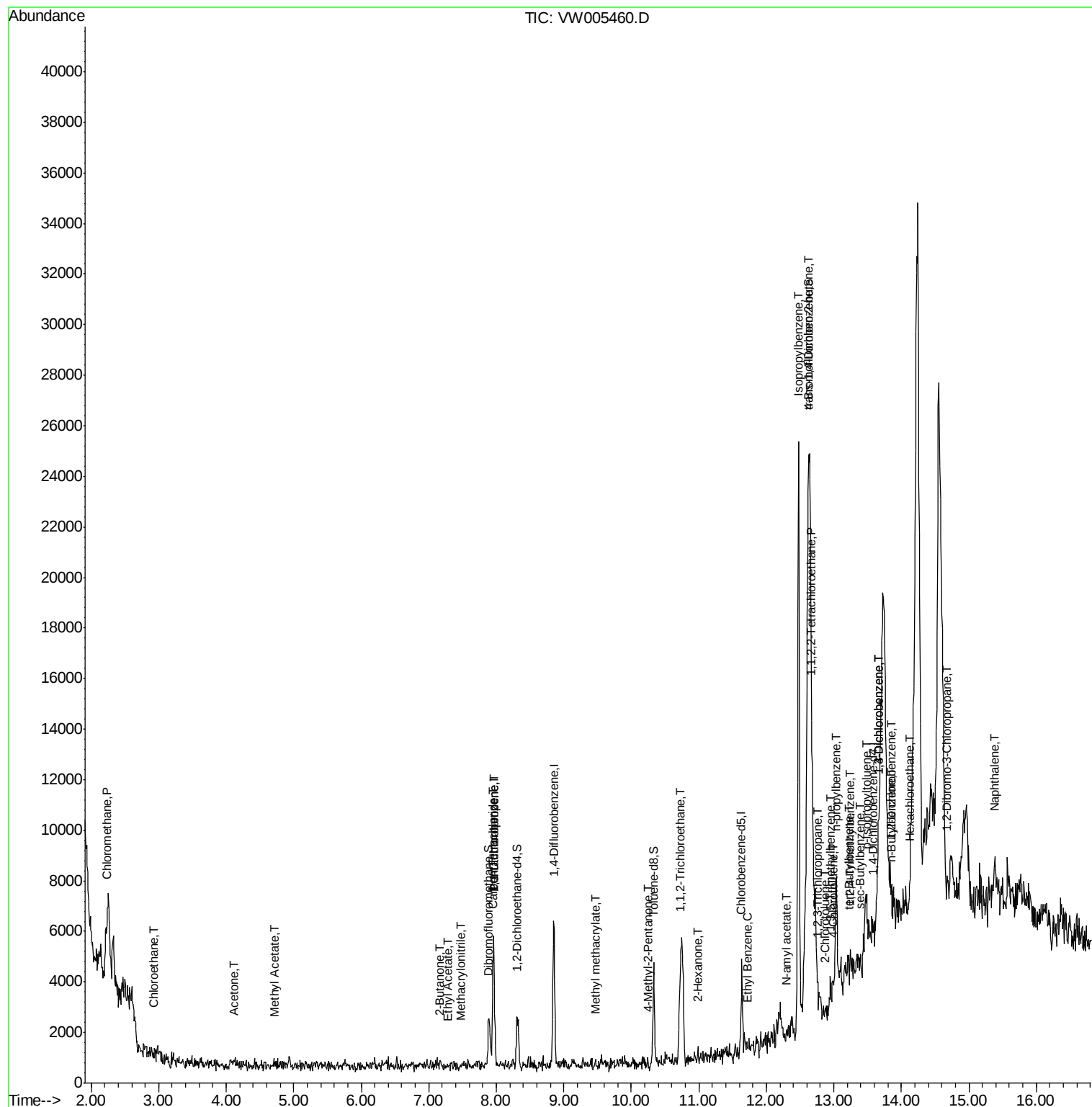
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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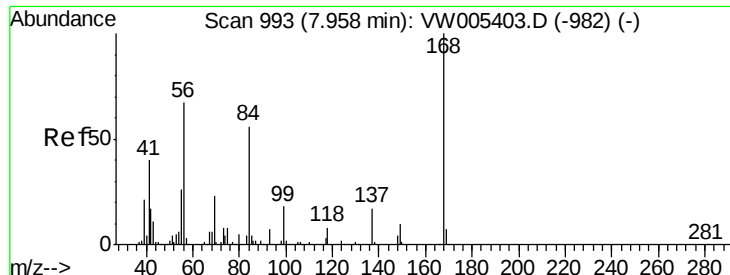
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
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Client Sampled :
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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# 994

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

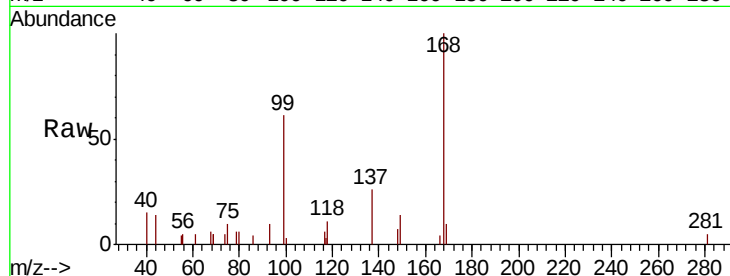
RB48377RT

Tgt Ion:168 Resp: 3687

Ion Ratio Lower Upper

168 100

99 60.8 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

1500

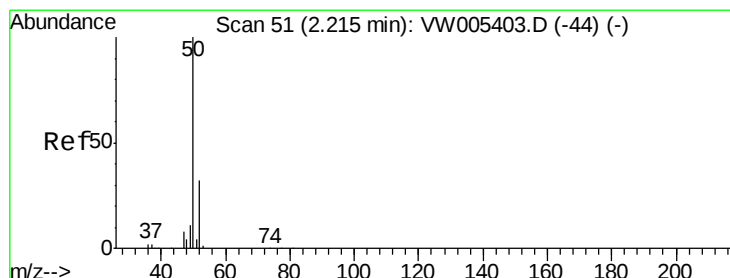
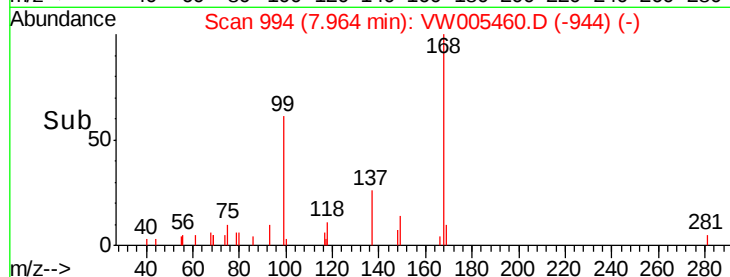
1000

500

0

7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 2.987 ug/l

RT: 2.23 min Scan# 53

Delta R.T. 0.01 min

Lab File: VW005460.D

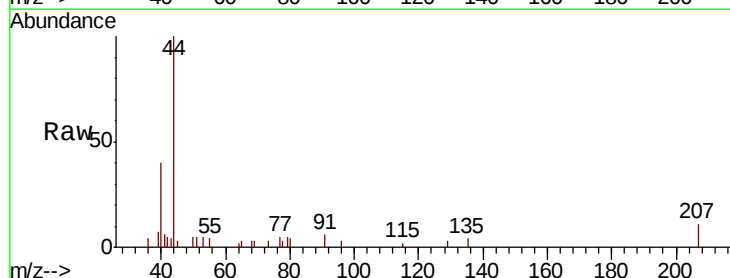
Acq: 18 Sep 2018 05:01

Tgt Ion: 50 Resp: 130

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

150

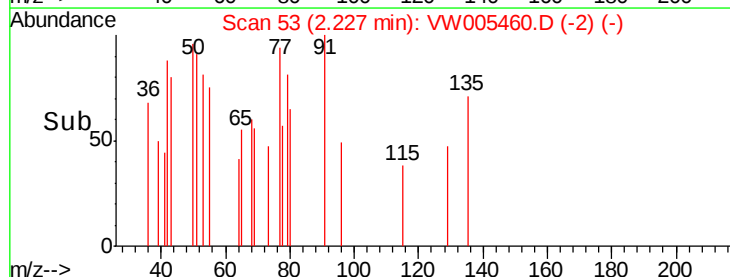
100

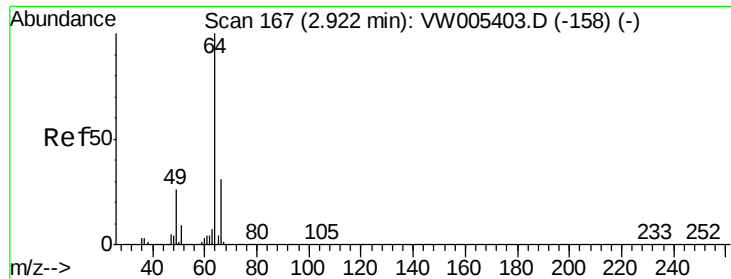
50

0

2.20 2.22 2.24

Time-->





#6

Chloroethane

Concen: 2.318 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

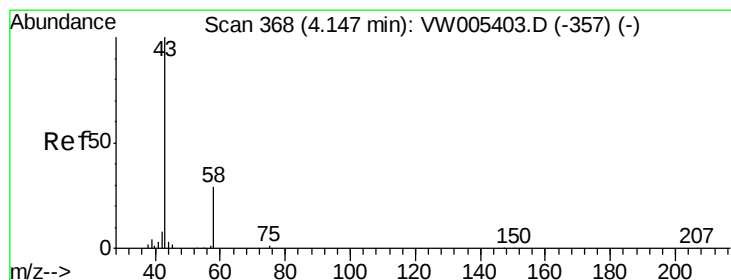
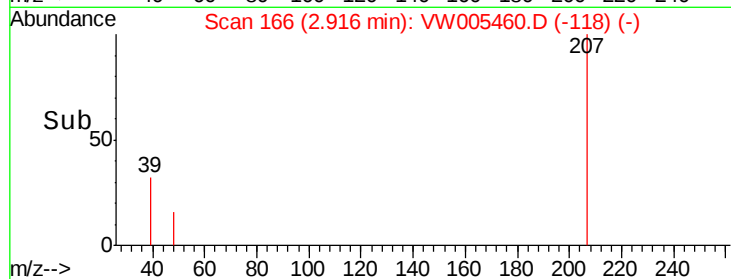
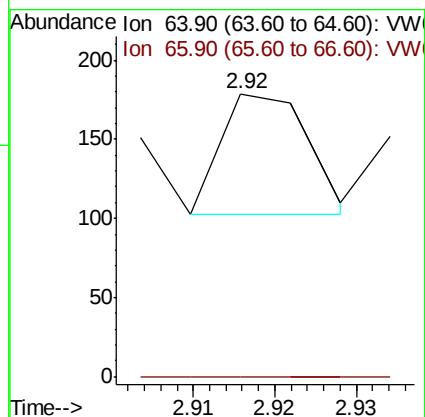
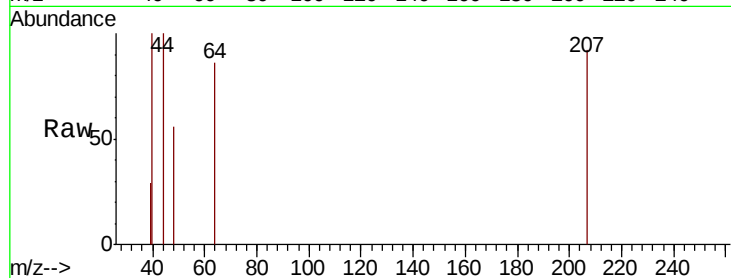
RB48377RT

Tgt Ion: 64 Resp: 56

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#16

Acetone

Concen: 15.828 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW005460.D

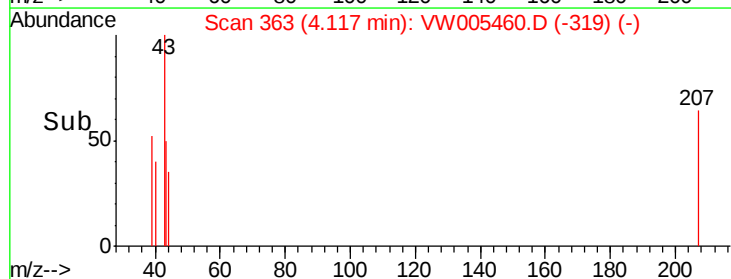
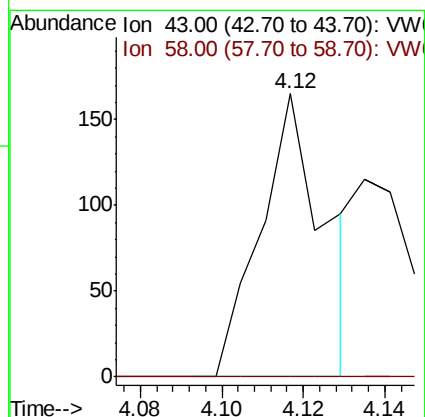
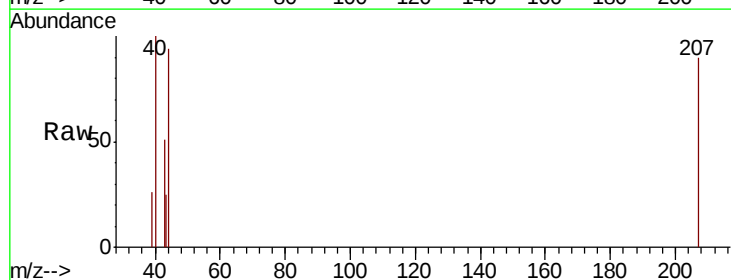
Acq: 18 Sep 2018 05:01

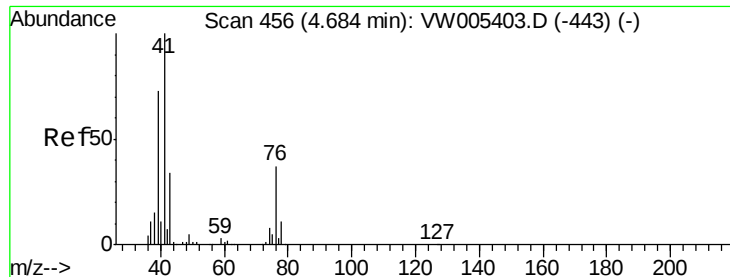
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 0.0 22.8 34.2#

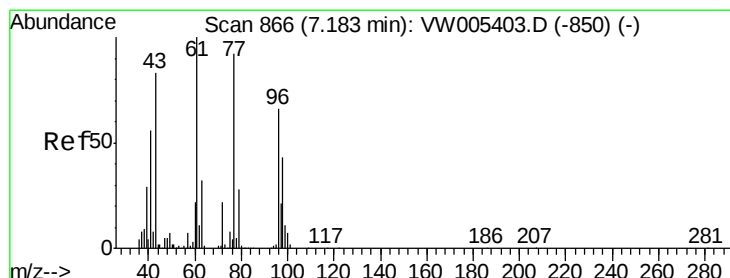
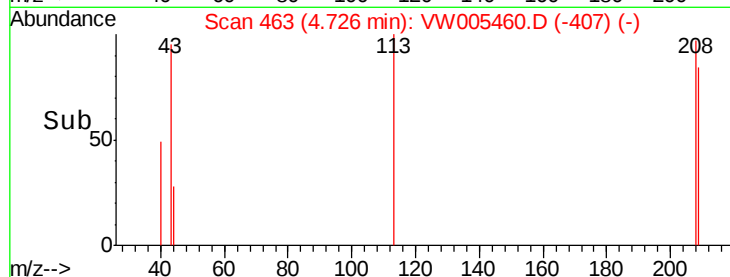
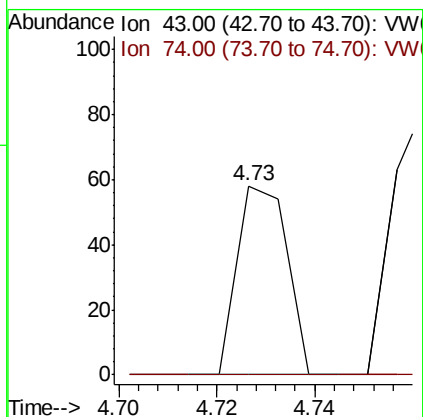
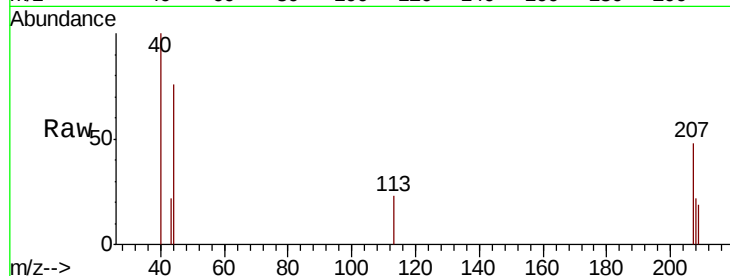




#18
Methyl Acetate
Concen: 2.229 ug/l
RT: 4.73 min Scan# 463
Delta R.T. 0.04 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

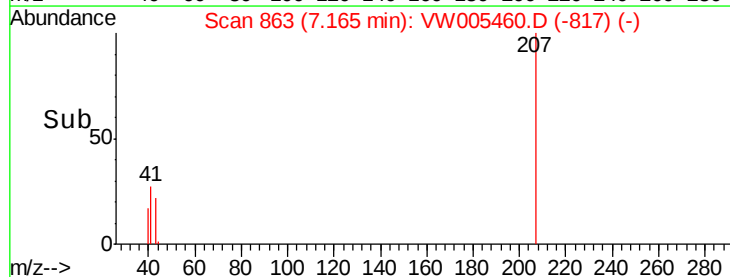
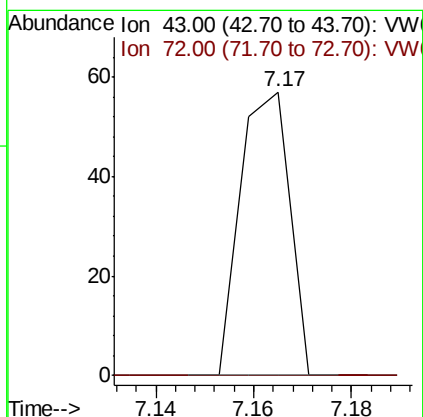
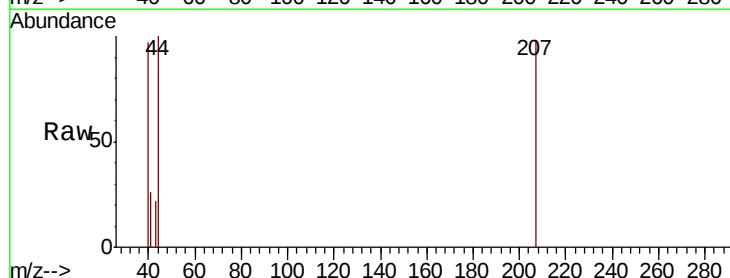
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

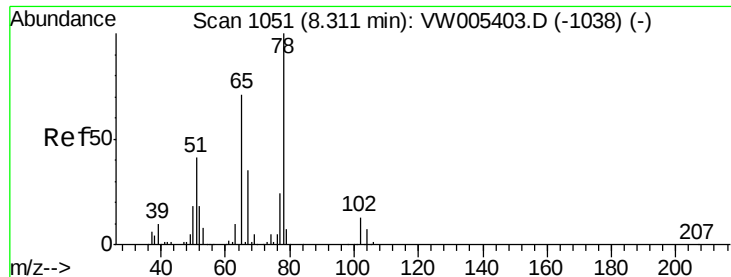
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#25
2-Butanone
Concen: 4.345 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#





#33

1,2-Dichloroethane-d4

Concen: 41.310 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

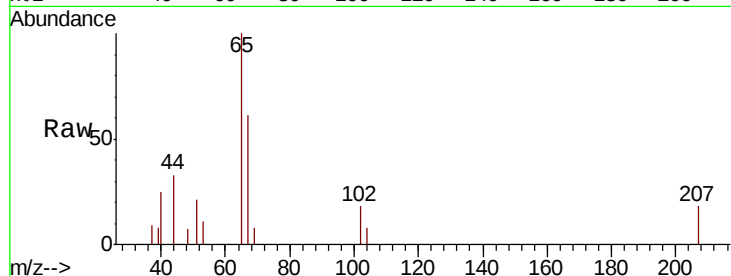
RB48377RT

Tgt Ion: 65 Resp: 1581

Ion Ratio Lower Upper

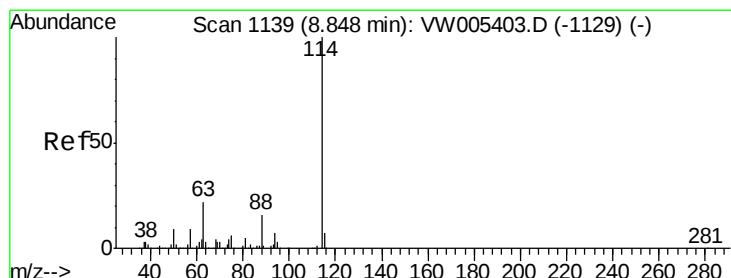
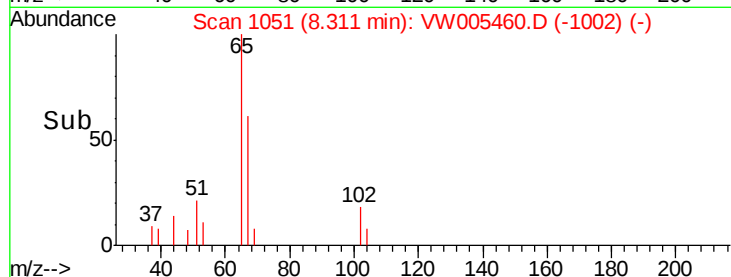
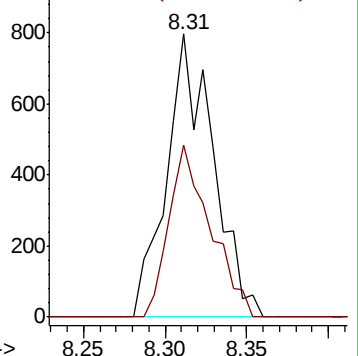
65 100

67 54.3 0.0 100.6



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# 1139

Delta R.T. -0.00 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

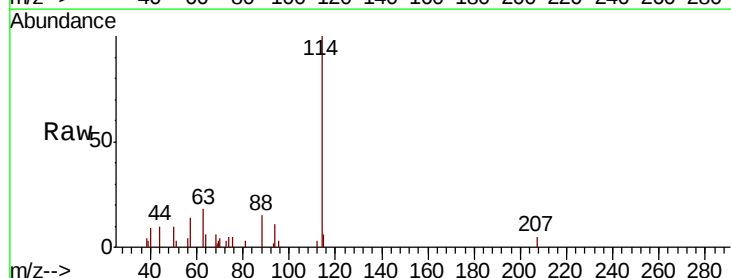
Tgt Ion: 114 Resp: 5424

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.4

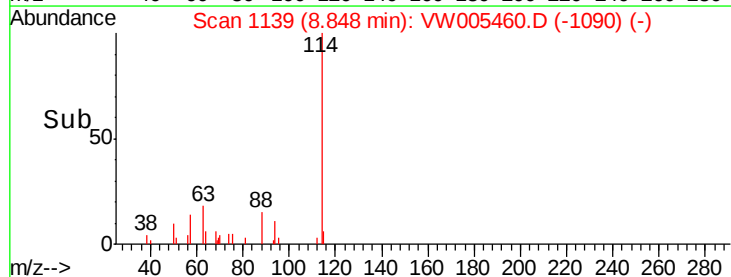
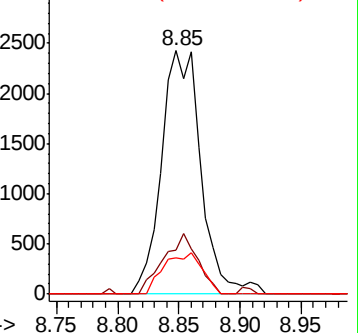
88 15.0 0.0 31.8

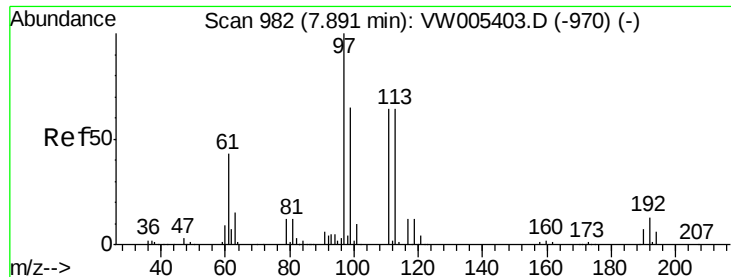


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 24.760 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

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ClientSampleId :

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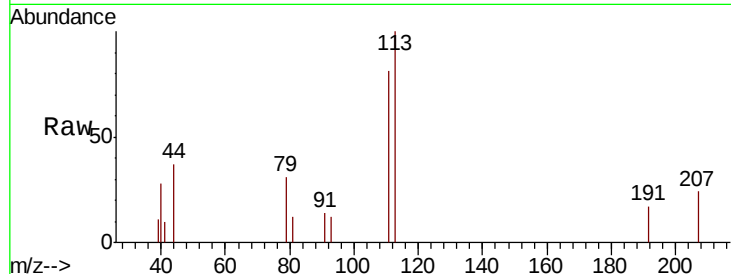
Tgt Ion: 113 Resp: 753

Ion Ratio Lower Upper

113 100

111 196.0 82.3 123.5#

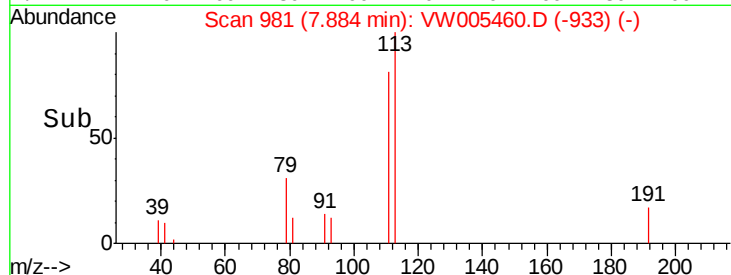
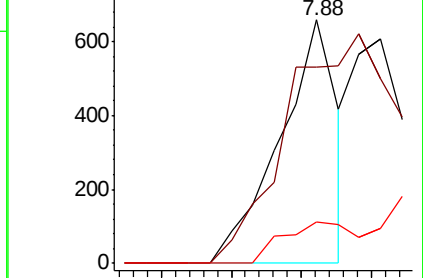
192 21.4 16.5 24.7



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: 6.175 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

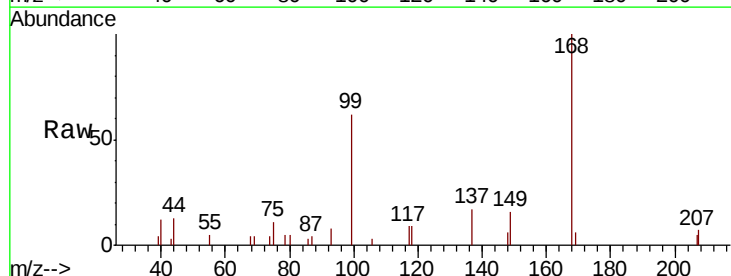
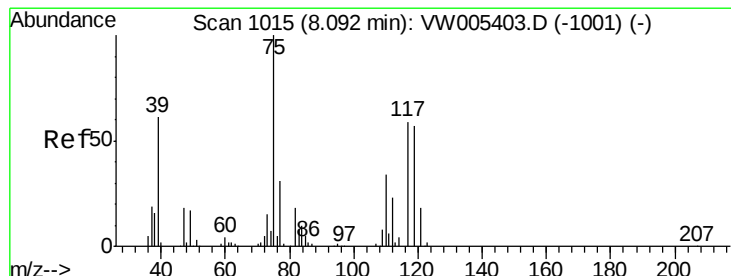
Tgt Ion: 75 Resp: 317

Ion Ratio Lower Upper

75 100

110 0.0 16.8 50.4#

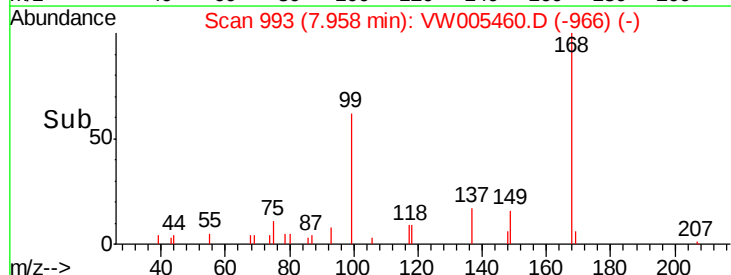
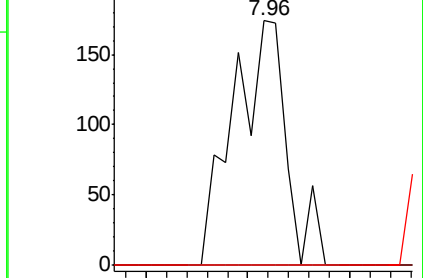
77 0.0 24.2 36.4#

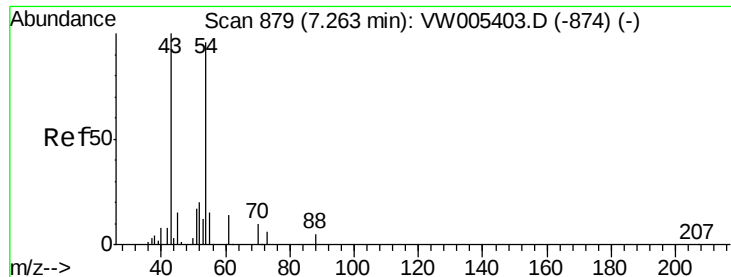


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

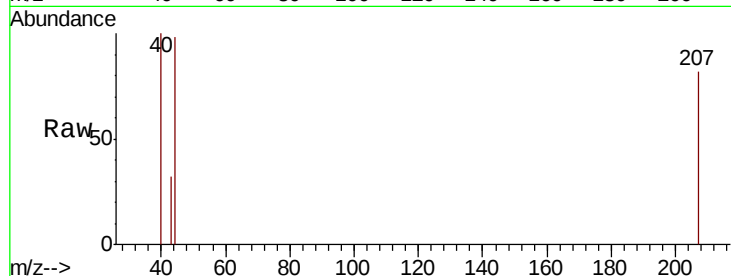




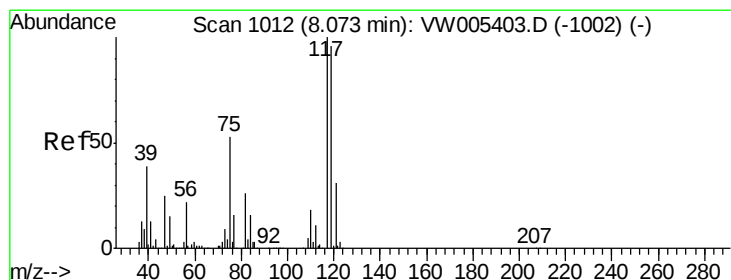
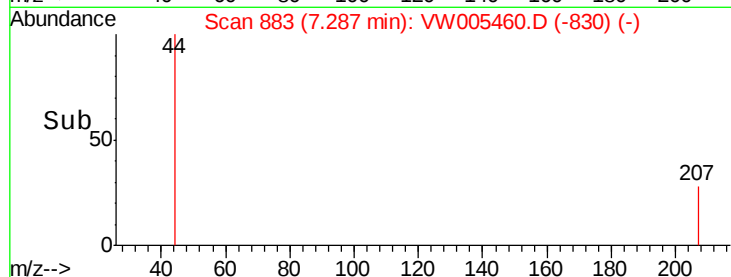
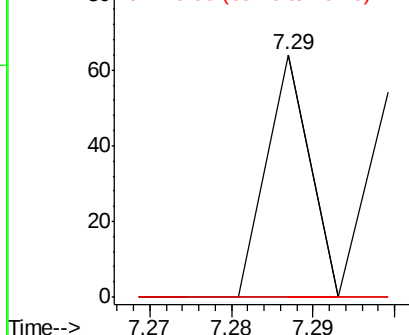
#37
Ethyl Acetate
Concen: 1.102 ug/l
RT: 7.29 min Scan# 883
Delta R.T. 0.02 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.2 12.4#

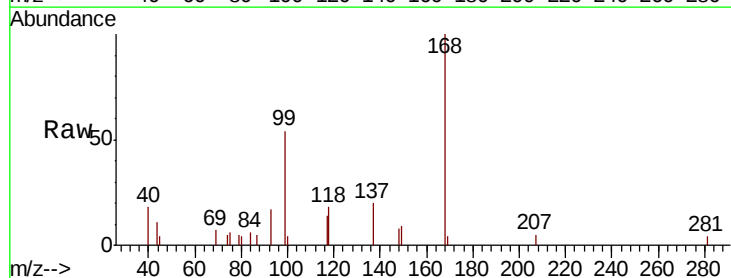


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

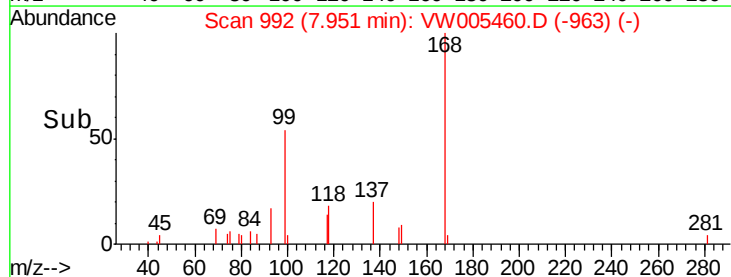
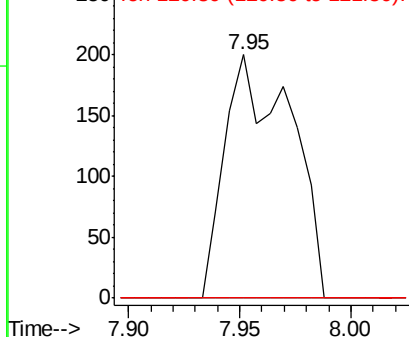


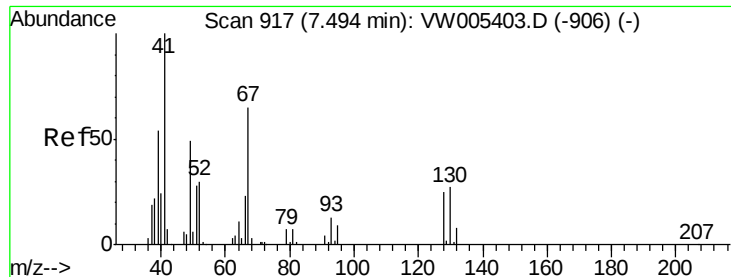
#38
Carbon Tetrachloride
Concen: 7.702 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion: 117 Resp: 412
Ion Ratio Lower Upper
117 100
119 0.0 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

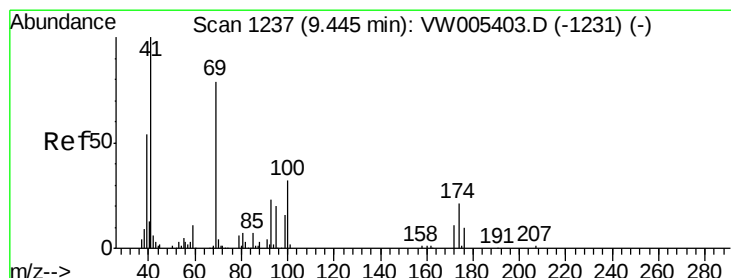
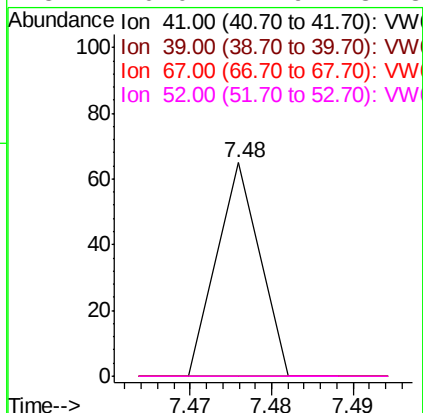
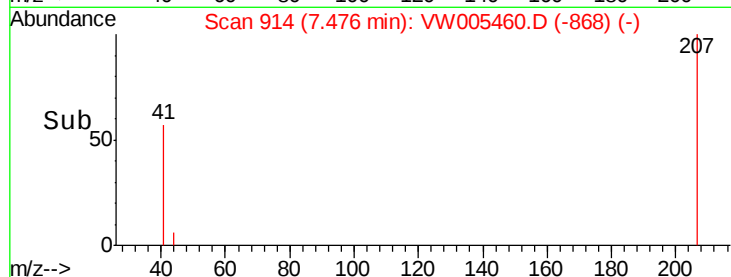
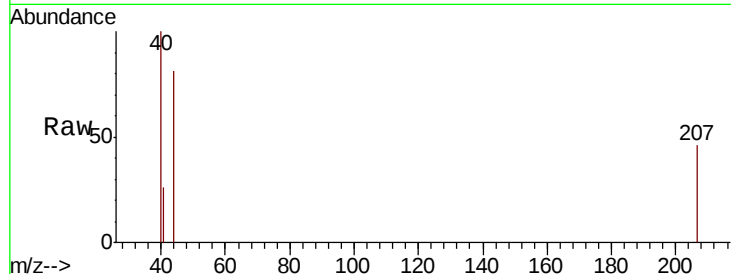




#41
Methacrylonitrile
Concen: 1.906 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

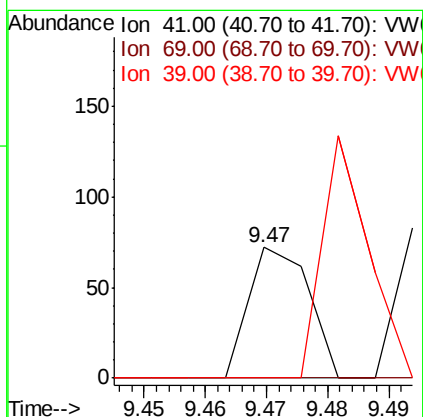
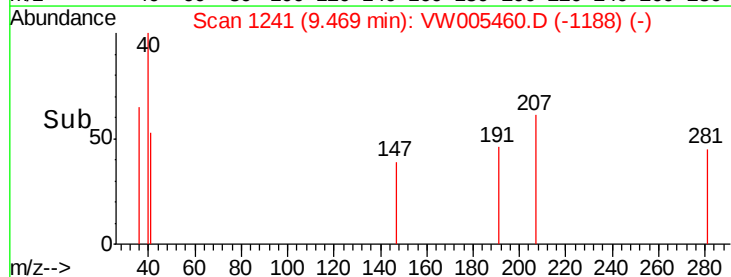
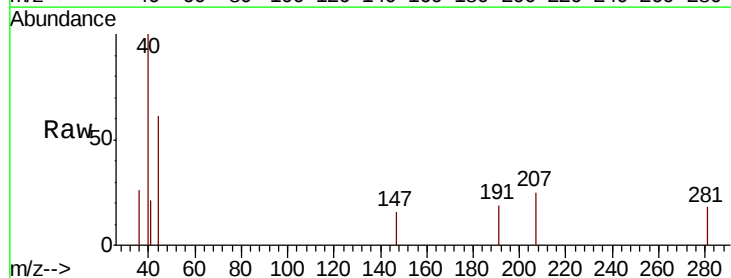
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

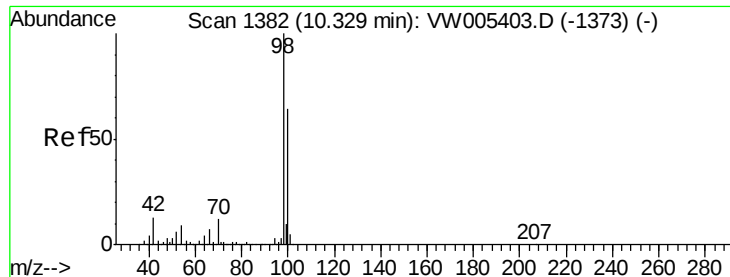
Tgt Ion:	41	Resp:	24
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	53.6	80.4#
52	0.0	24.9	37.3#



#48
Methyl methacrylate
Concen: 2.410 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion:	41	Resp:	49
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.5	101.3#
39	0.0	45.5	68.3#





#50

Toluene-d8

Concen: 20.492 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

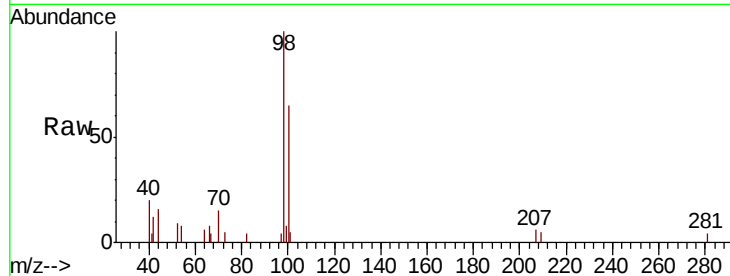
RB48377RT

Tgt Ion: 98 Resp: 2854

Ion Ratio Lower Upper

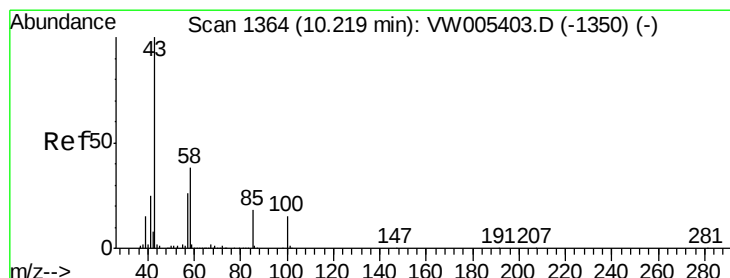
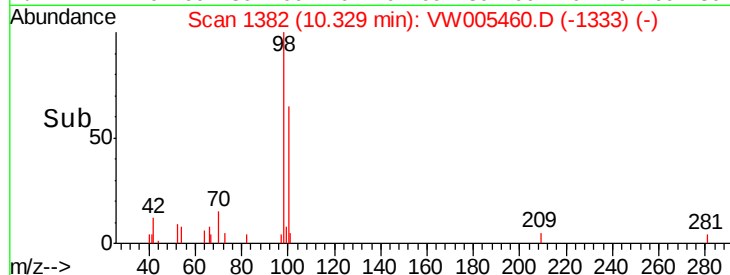
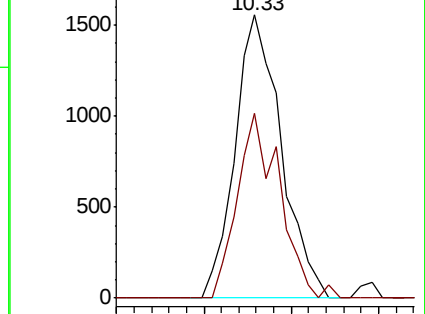
98 100

100 59.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.955 ug/l

RT: 10.24 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VW005460.D

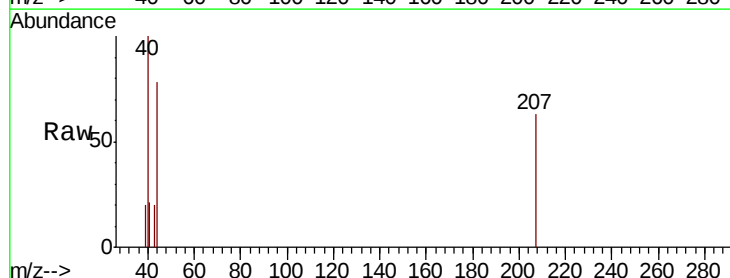
Acq: 18 Sep 2018 05:01

Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

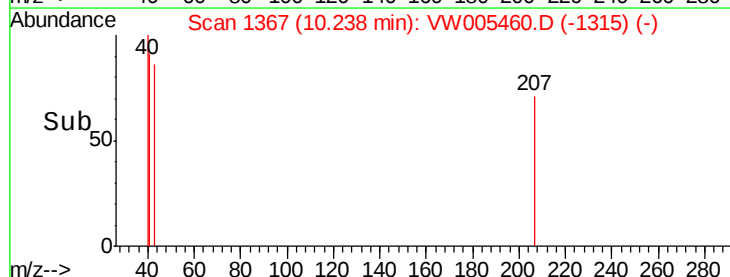
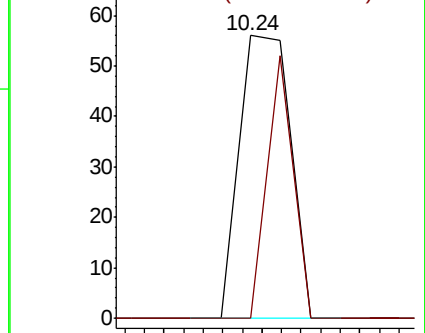
43 100

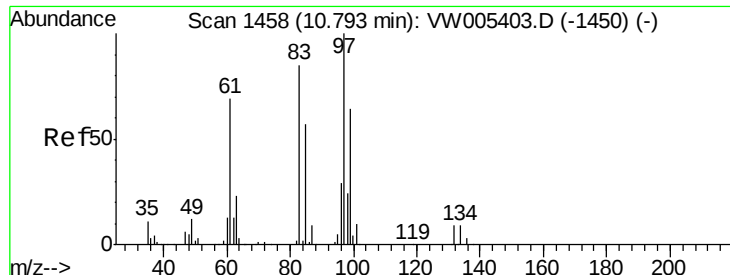
58 46.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#55

1,1,2-Trichloroethane

Concen: 7.199 ug/l

RT: 10.73 min Scan# 1447

Delta R.T. -0.07 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

RB48377RT

Tgt Ion: 97 Resp: 187

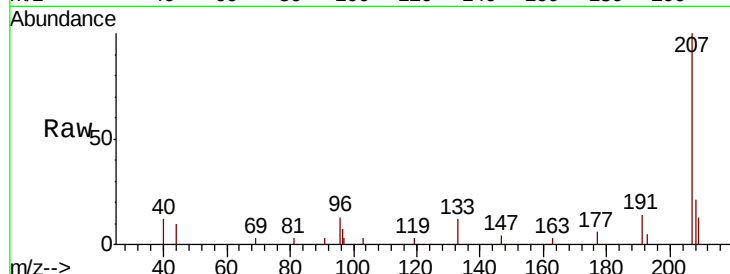
Ion Ratio Lower Upper

97 100

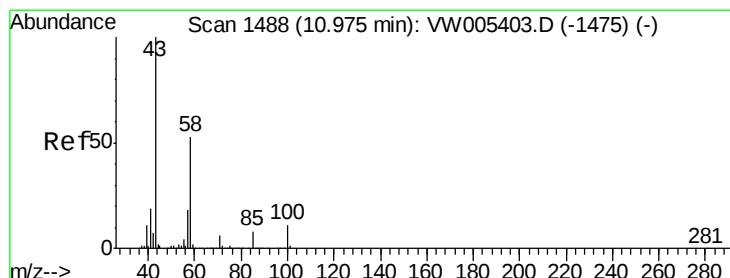
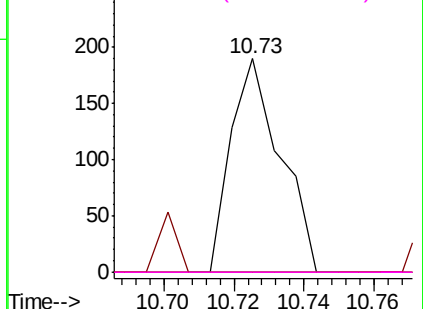
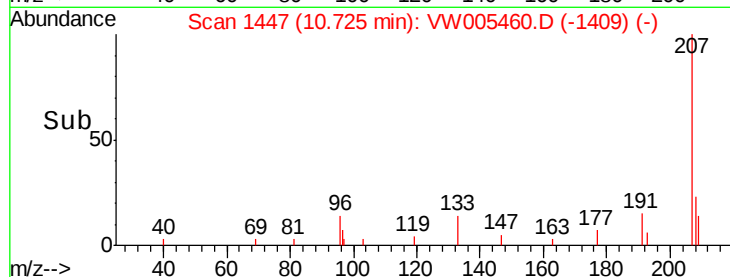
83 0.0 67.8 101.8#

85 0.0 45.4 68.0#

99 0.0 51.5 77.3#



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW



#59

2-Hexanone

Concen: 7.350 ug/l

RT: 10.99 min Scan# 1491

Delta R.T. 0.02 min

Lab File: VW005460.D

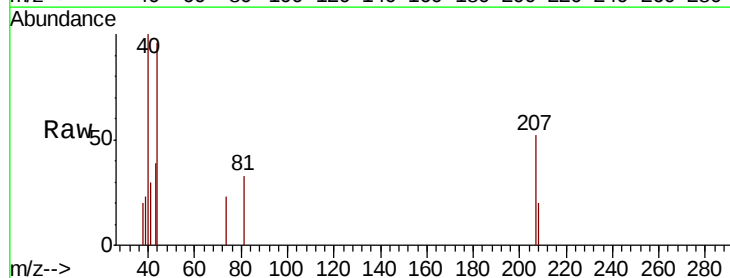
Acq: 18 Sep 2018 05:01

Tgt Ion: 43 Resp: 105

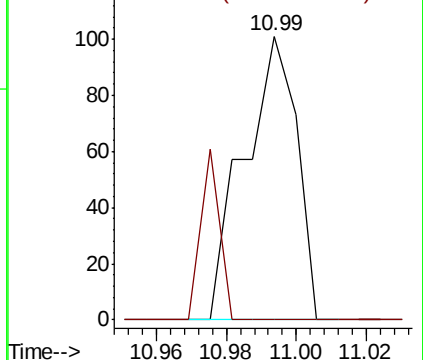
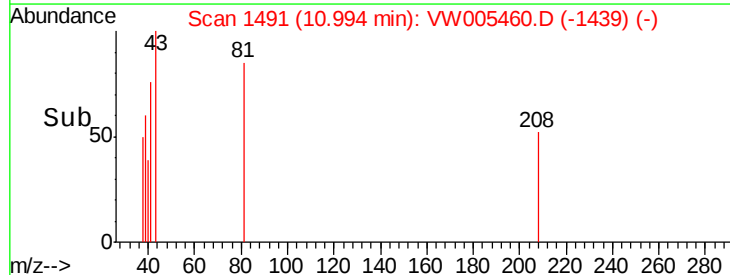
Ion Ratio Lower Upper

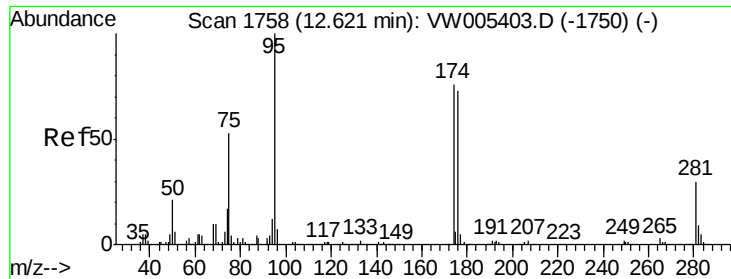
43 100

58 21.0 25.5 76.5#



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





#62

4-Bromofluorobenzene

Concen: 19.484 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

RB48377RT

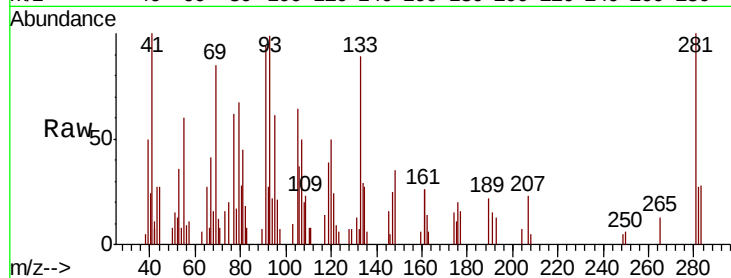
Tgt Ion: 95 Resp: 995

Ion Ratio Lower Upper

95 100

174 26.2 0.0 161.2

176 33.4 0.0 156.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.63

600

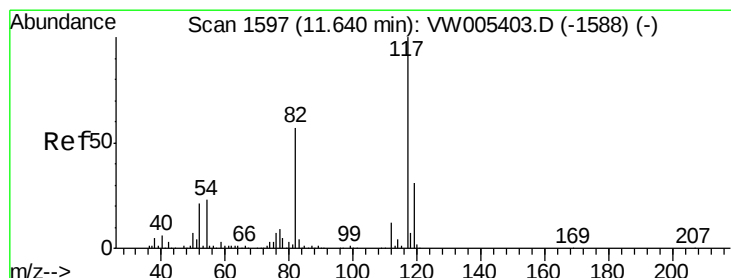
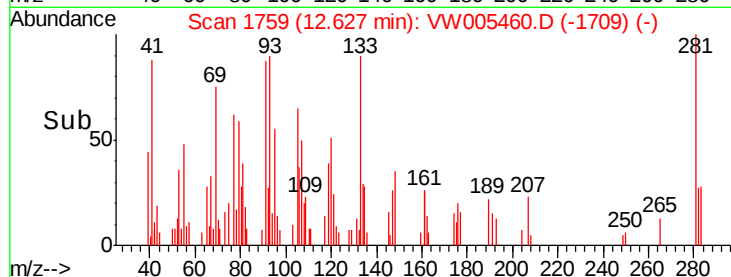
400

200

0

12.55 12.60 12.65

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

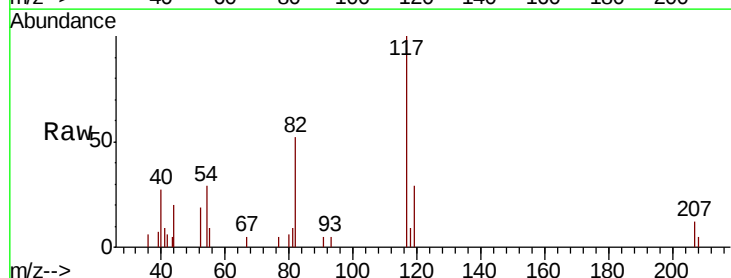
Tgt Ion: 117 Resp: 1967

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

119 28.6 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.64

1500

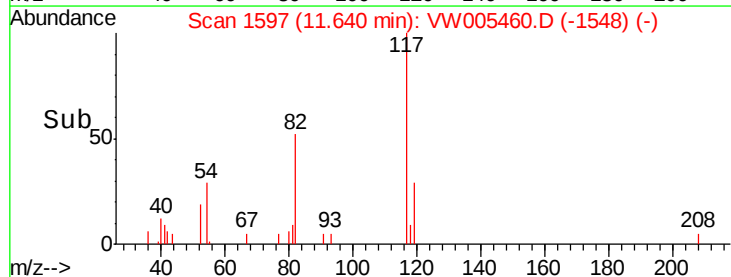
1000

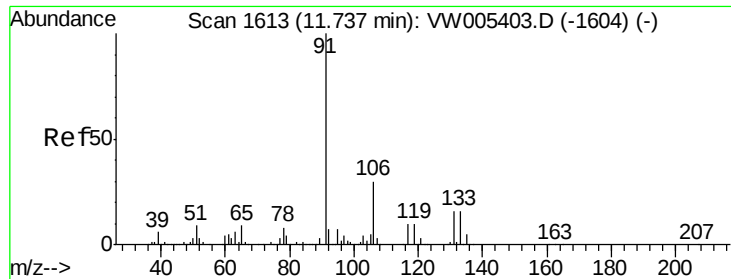
500

0

11.55 11.60 11.65 11.70

Time-->

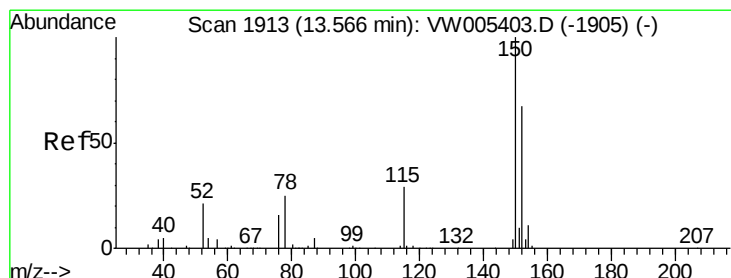
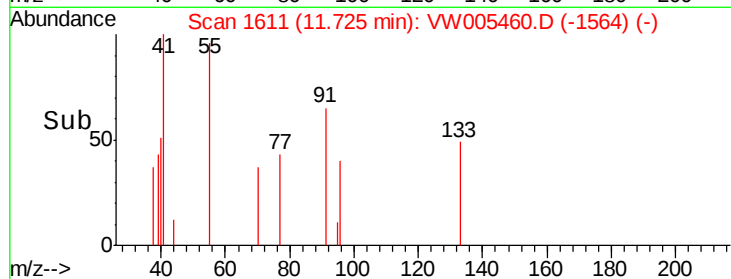
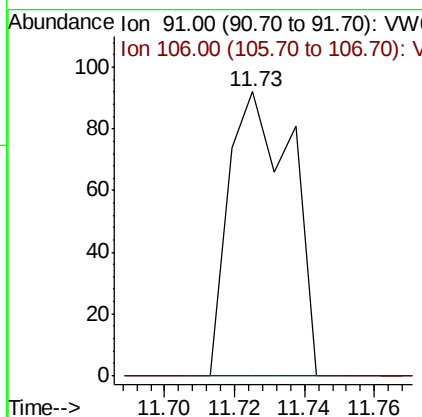
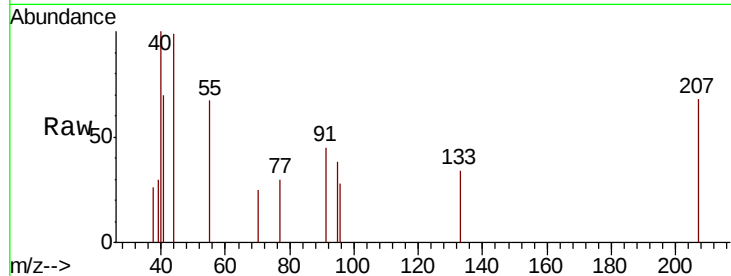




#67
Ethyl Benzene
Concen: 1.553 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

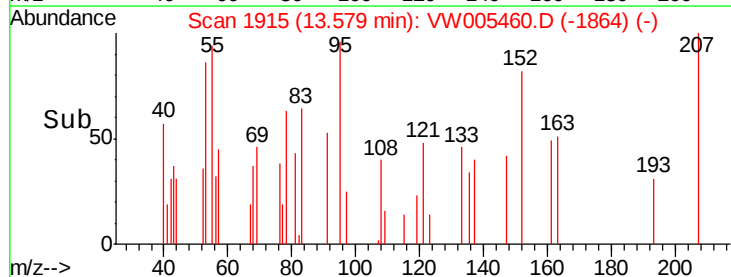
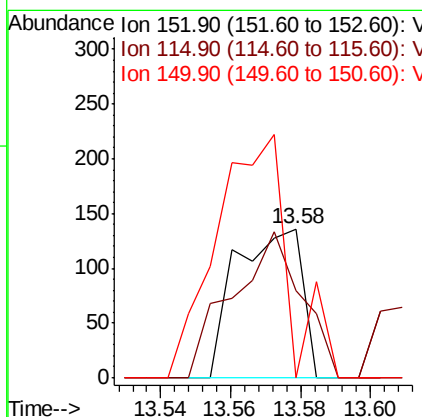
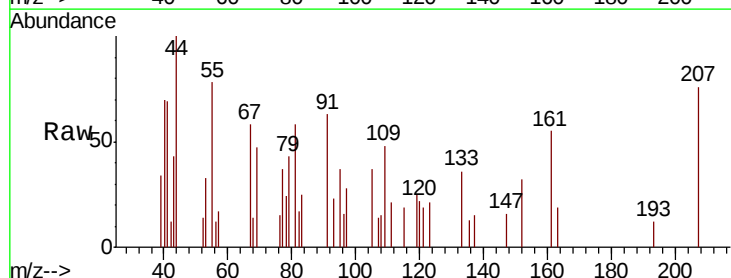
Instrument :
MSVOA_W
ClientSampled :
RB48377RT

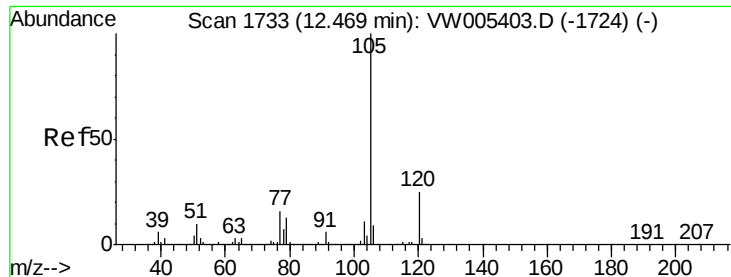
Tgt Ion: 91 Resp: 114
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion: 152 Resp: 178
Ion Ratio Lower Upper
152 100
115 103.4 29.5 88.5#
150 177.0 0.0 345.6





#73

Isopropylbenzene

Concen: 115.309 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

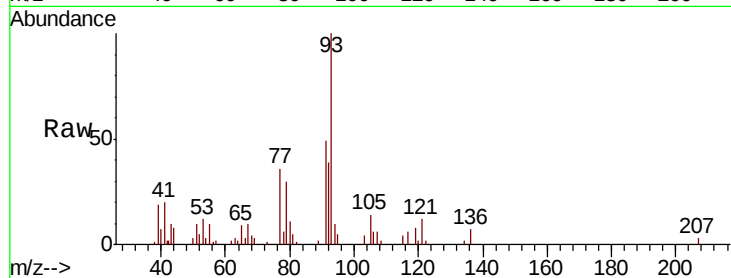
RB48377RT

Tgt Ion: 105 Resp: 1440

Ion Ratio Lower Upper

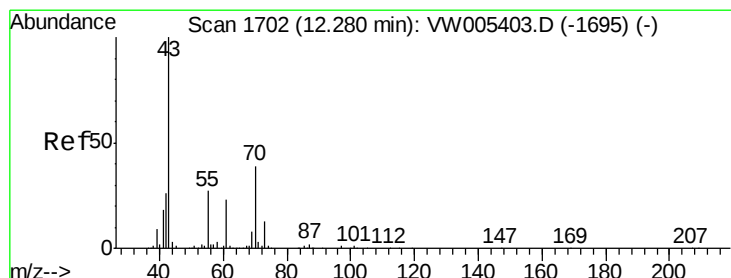
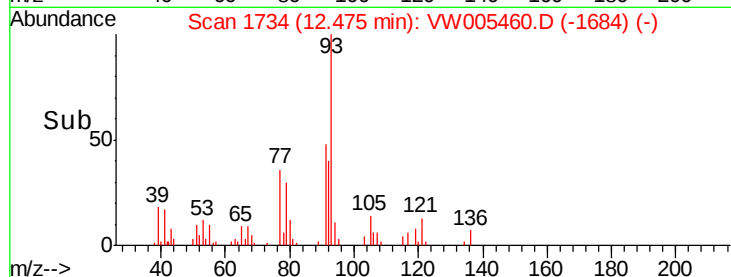
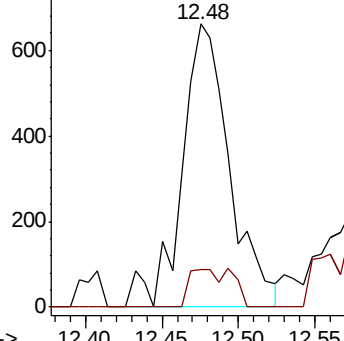
105 100

120 12.1 12.9 38.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.480 ug/l

RT: 12.30 min Scan# 1705

Delta R.T. 0.02 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Tgt Ion: 43 Resp: 46

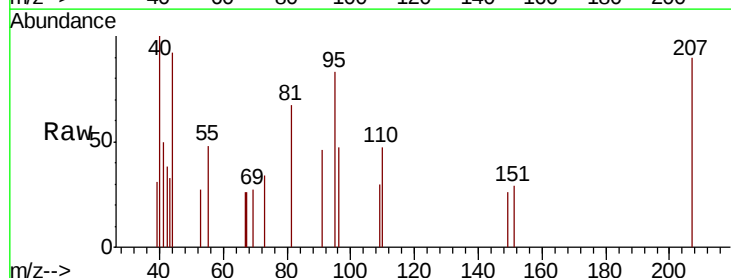
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 128.3 21.4 32.0#

61 0.0 18.3 27.5#

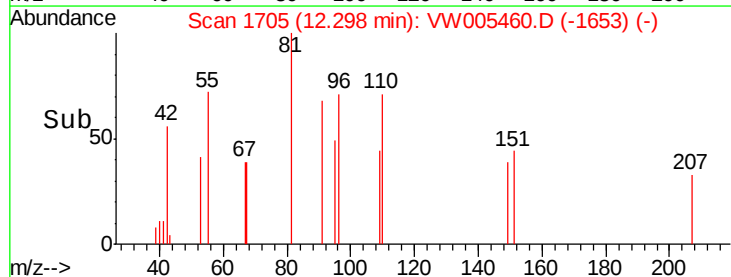
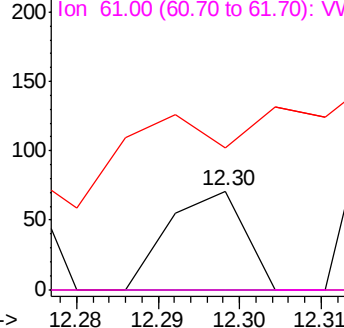


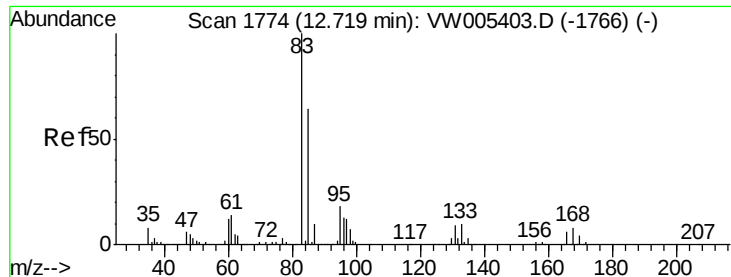
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 99.354 ug/l

RT: 12.68 min Scan# 1767

Delta R.T. -0.04 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

RB48377RT

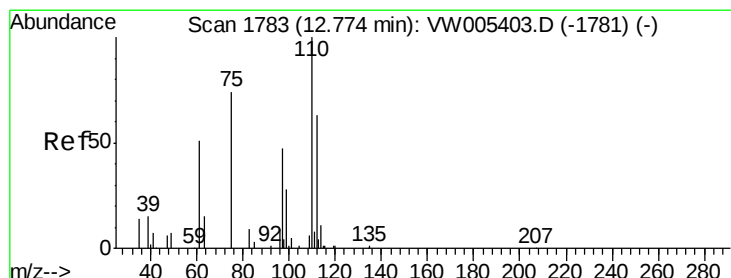
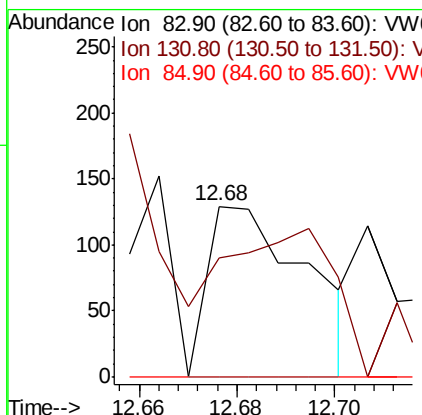
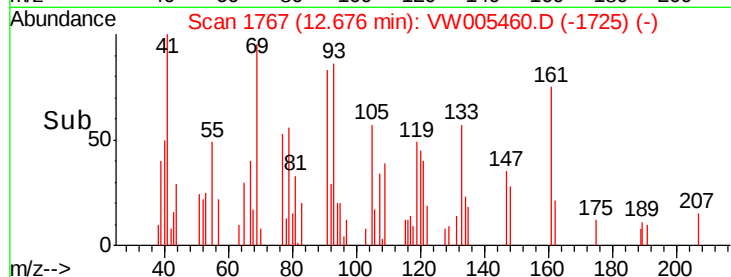
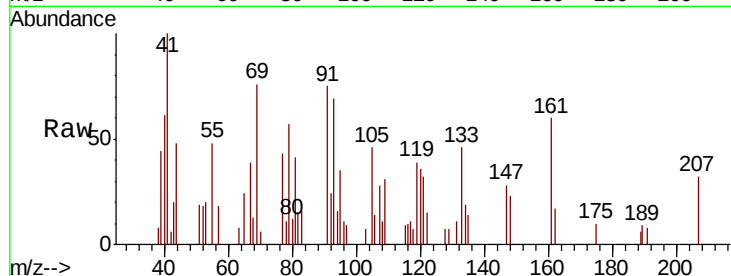
Tgt Ion: 83 Resp: 181

Ion Ratio Lower Upper

83 100

131 107.2 5.7 17.1#

85 0.0 31.6 95.0#



#76

1,2,3-Trichloropropane

Concen: 15.710 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW005460.D

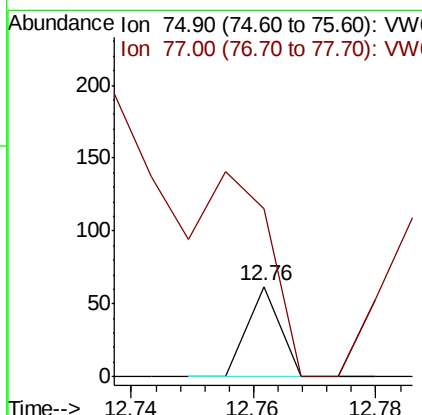
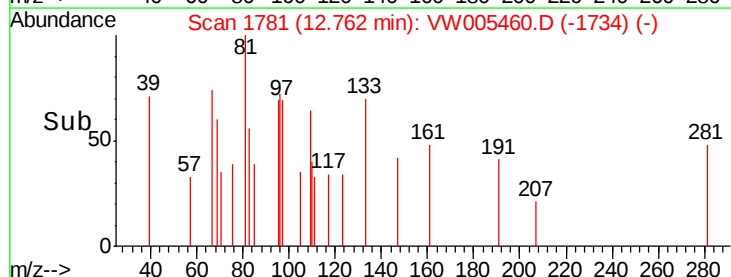
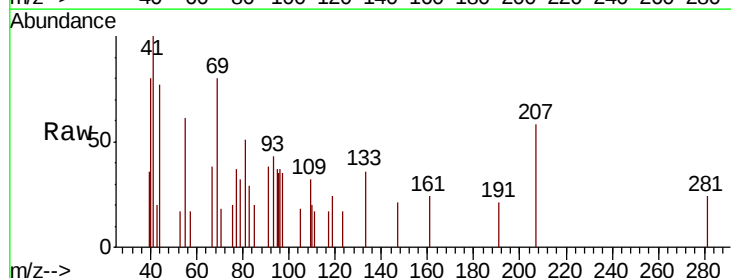
Acq: 18 Sep 2018 05:01

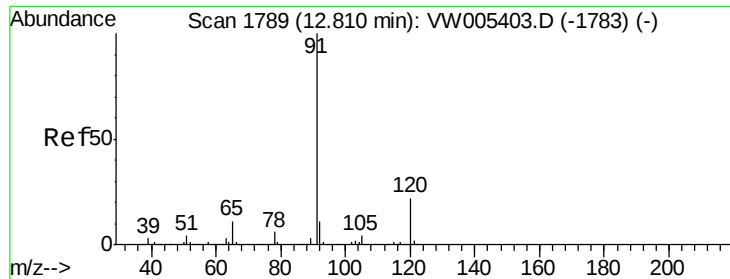
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

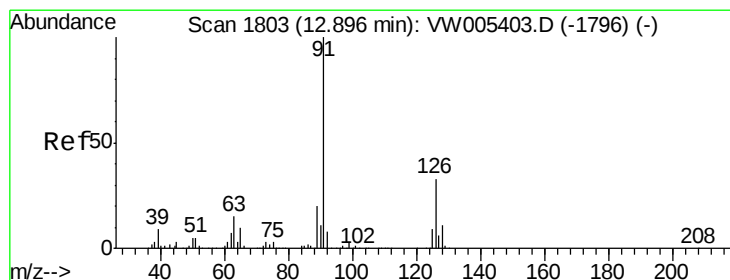
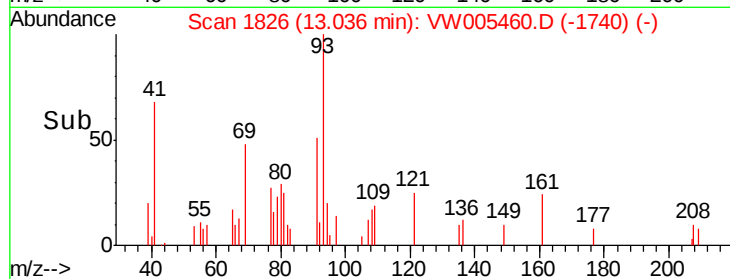
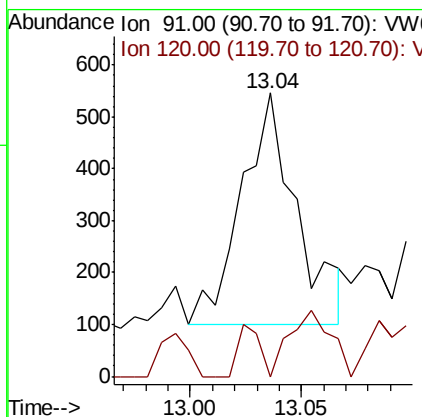
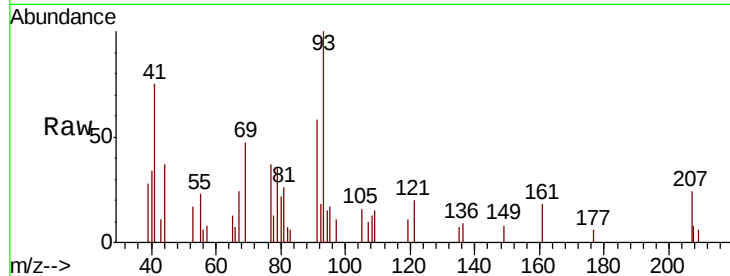




#78
n-propylbenzene
Concen: 50.891 ug/l
RT: 13.04 min Scan# 1826
Delta R.T. 0.23 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

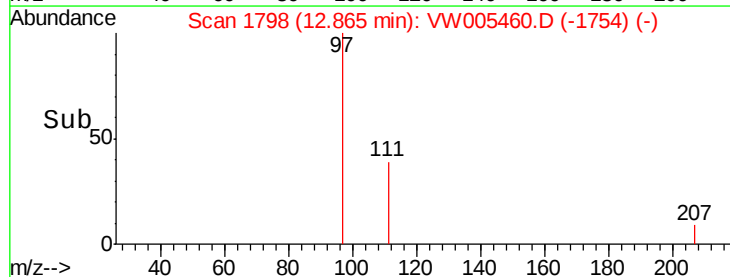
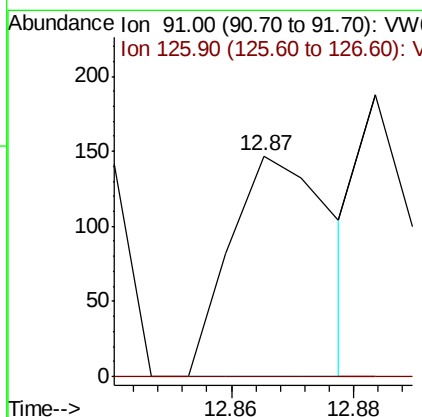
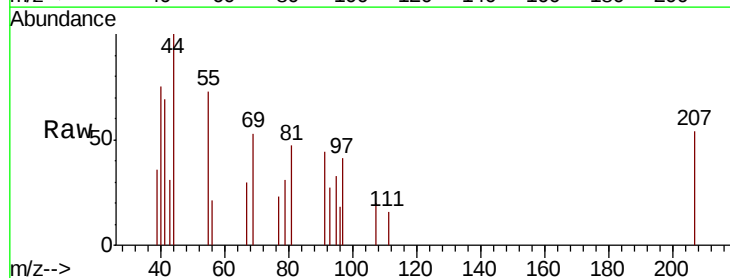
Instrument :
MSVOA_W
ClientSampled :
RB48377RT

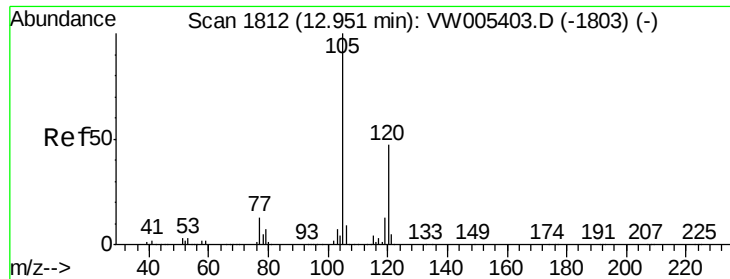
Tgt Ion: 91 Resp: 767
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.8



#79
2-Chlorotoluene
Concen: 19.119 ug/l
RT: 12.87 min Scan# 1798
Delta R.T. -0.03 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion: 91 Resp: 170
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#

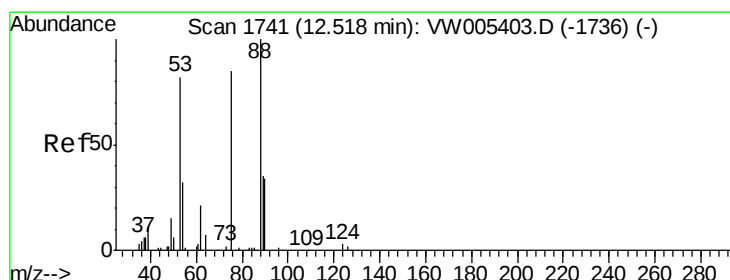
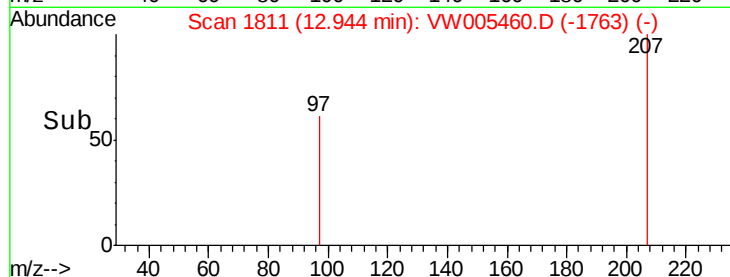
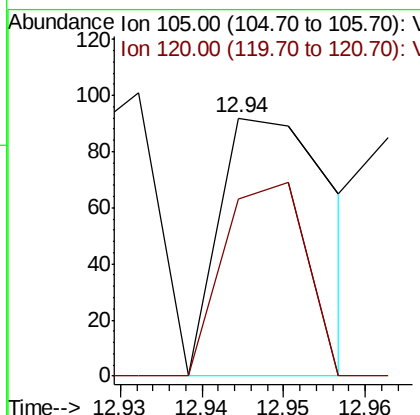
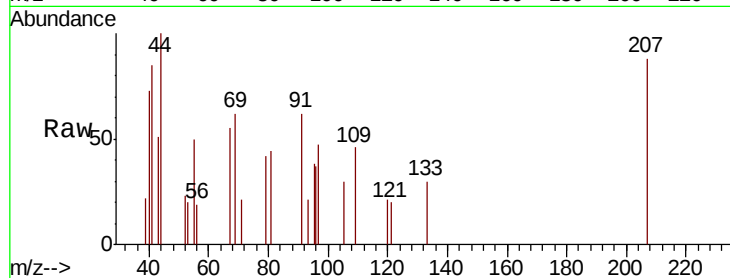




#80
 1,3,5-Trimethylbenzene
 Concen: 8.260 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

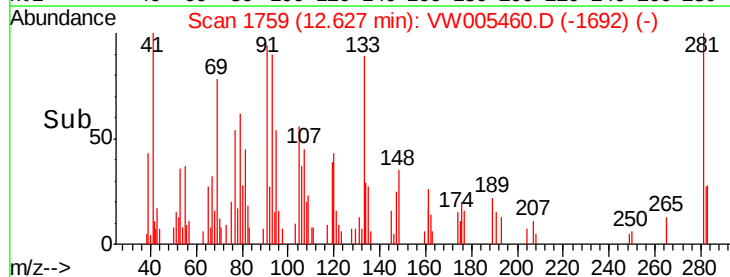
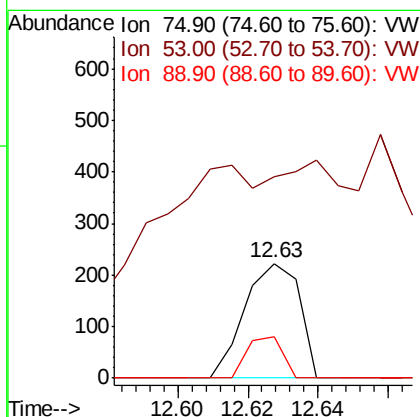
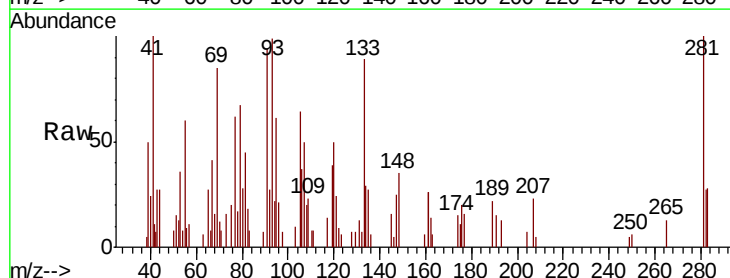
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

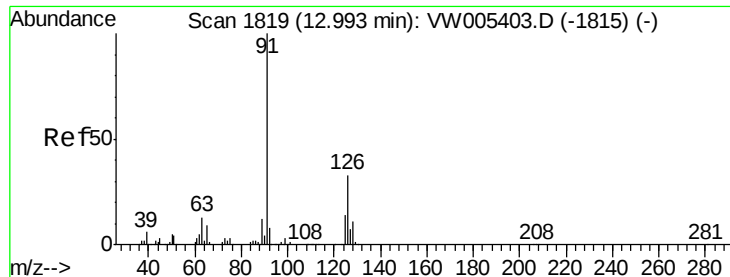
Tgt Ion: 105 Resp: 90
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 427.025 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 53 274.3 83.2 124.8#
 89 23.7 36.6 54.8#

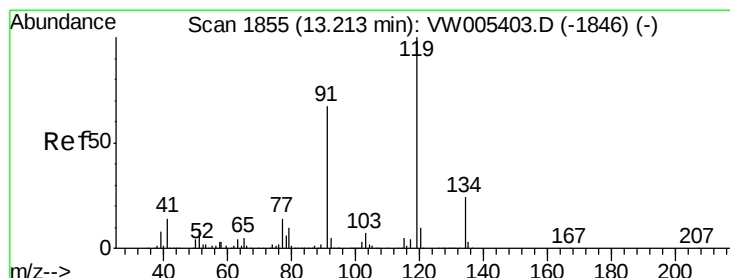
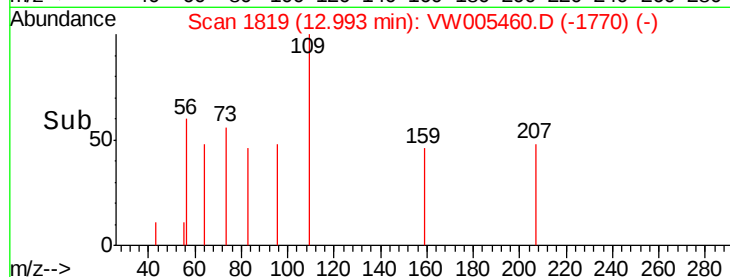
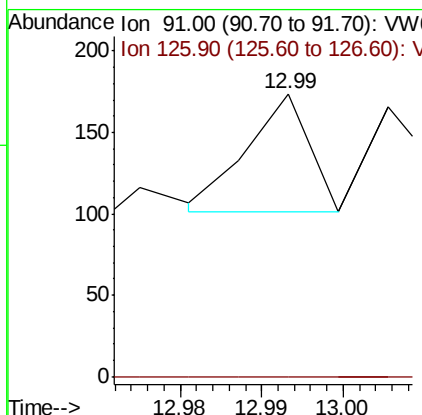
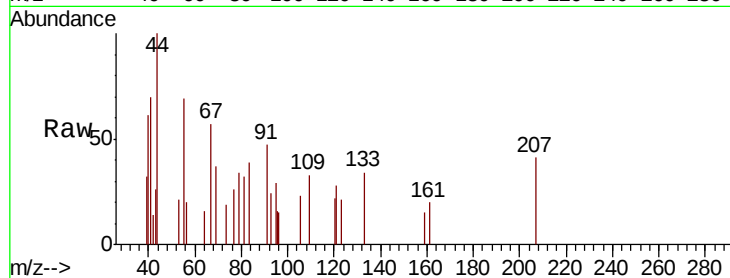




#82
4-Chlorotoluene
Concen: 4.048 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

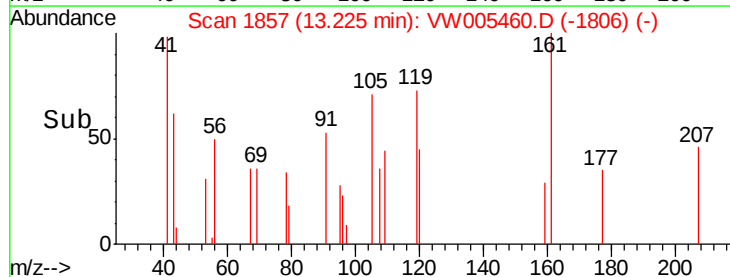
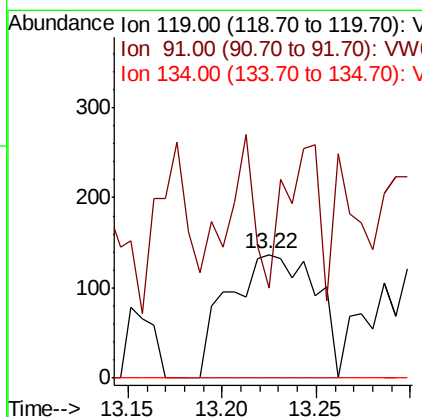
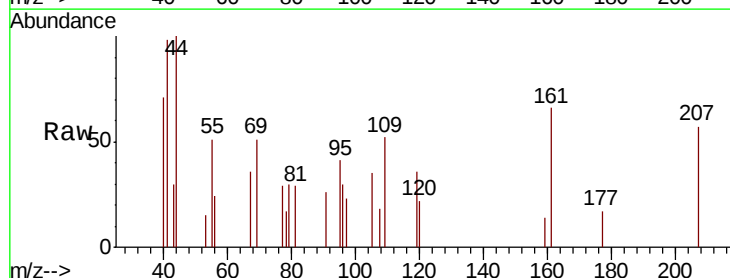
Instrument :
MSVOA_W
ClientSampled :
RB48377RT

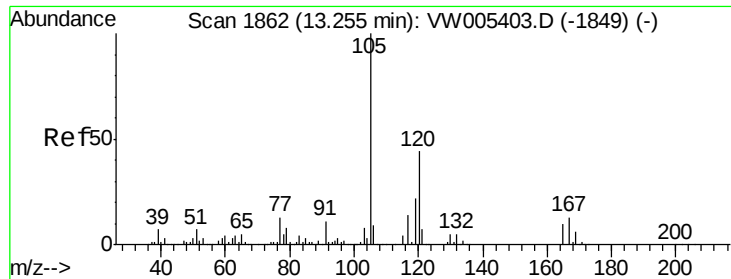
Tgt Ion: 91 Resp: 38
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 48.396 ug/l
RT: 13.22 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion: 119 Resp: 438
Ion Ratio Lower Upper
119 100
91 38.6 34.4 103.2
134 0.0 12.7 38.0#

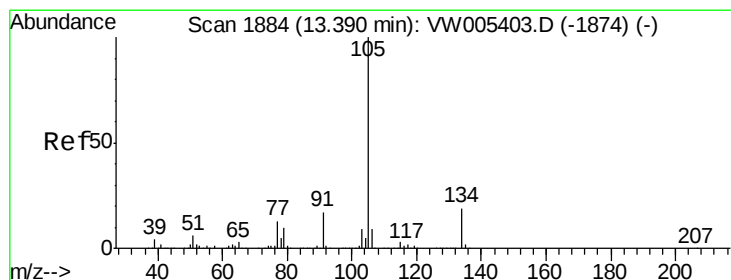
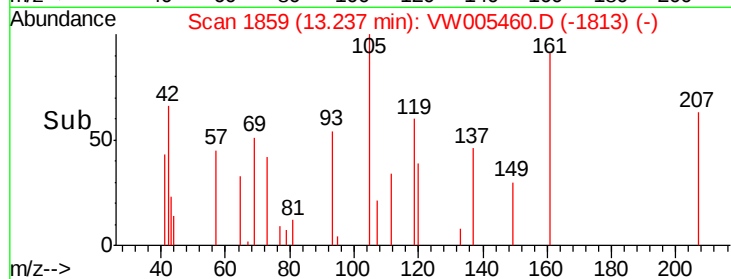
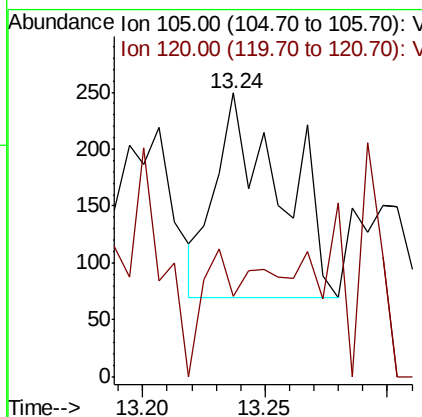
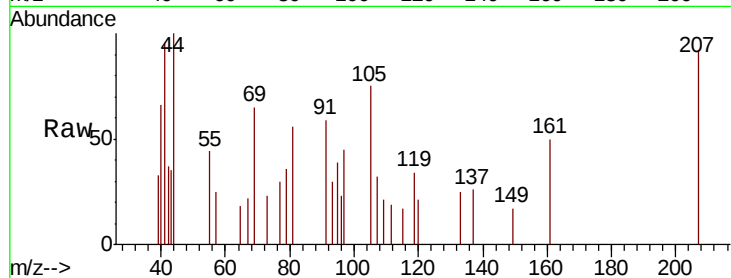




#84
 1,2,4-Trimethylbenzene
 Concen: 30.282 ug/l
 RT: 13.24 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

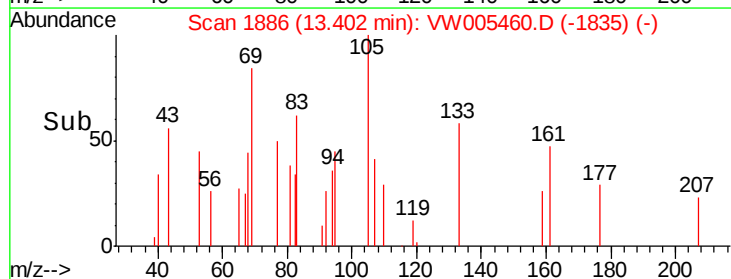
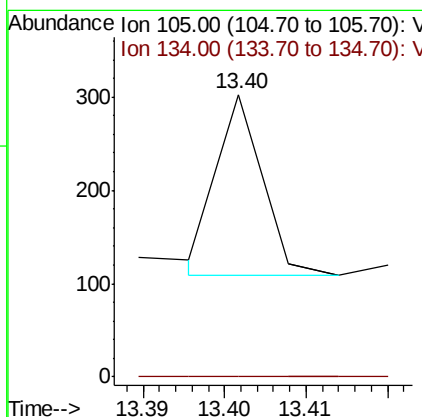
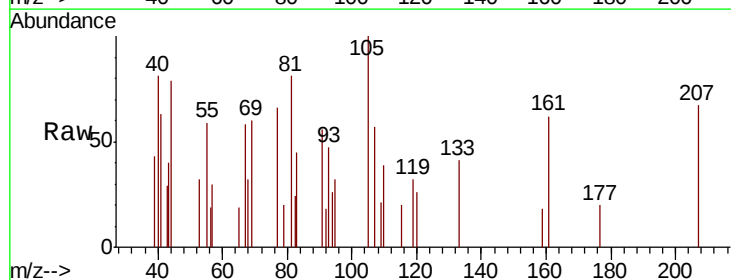
Instrument :
 MSVOA_W
 ClientSampled :
 RB48377RT

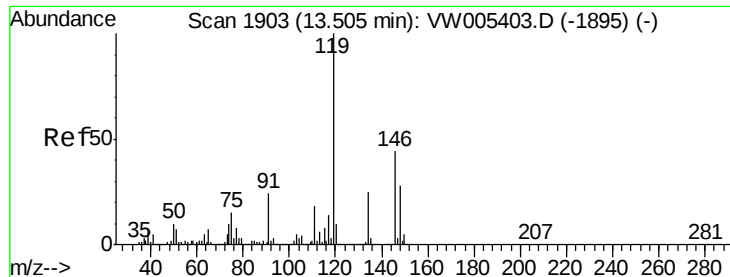
Tgt Ion:105 Resp: 335
 Ion Ratio Lower Upper
 105 100
 120 29.3 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 5.735 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

Tgt Ion:105 Resp: 75
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#

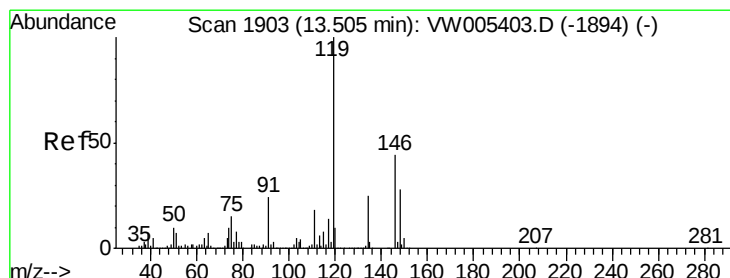
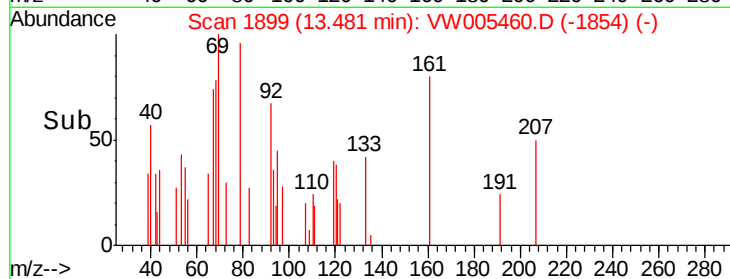
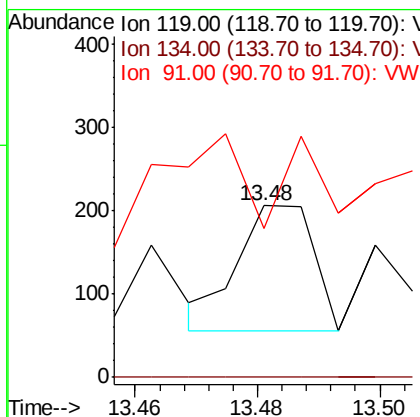
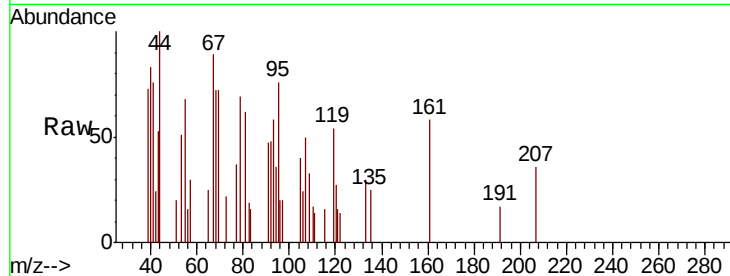




#86
p-Isopropyltoluene
Concen: 10.945 ug/l
RT: 13.48 min Scan# 1899
Delta R.T. -0.02 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

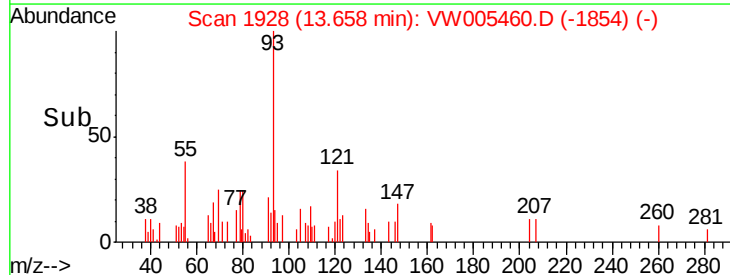
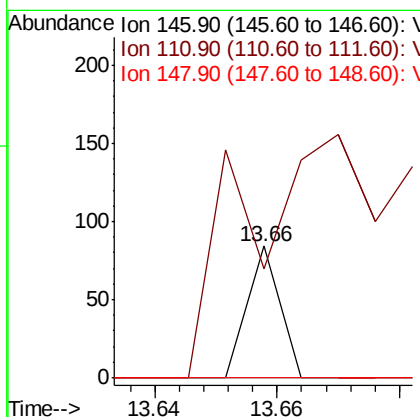
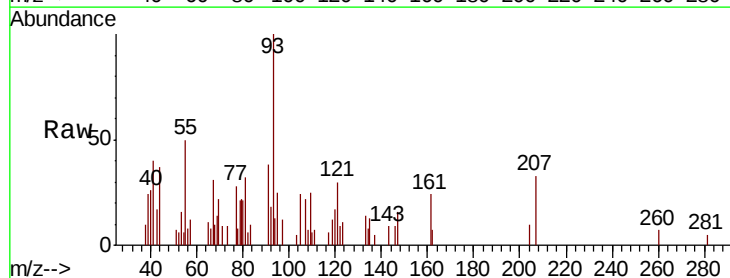
Instrument :
MSVOA_W
ClientSampleId :
RB48377RT

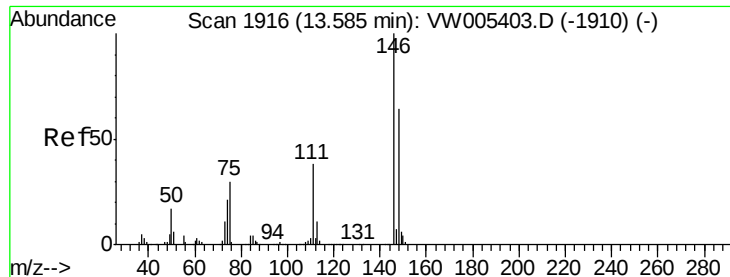
Tgt Ion:119 Resp: 128
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 103.1 12.0 36.0#



#87
1,3-Dichlorobenzene
Concen: 5.177 ug/l
RT: 13.66 min Scan# 1928
Delta R.T. 0.15 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion:146 Resp: 31
Ion Ratio Lower Upper
146 100
111 1316.1 20.4 61.2#
148 0.0 32.0 96.0#

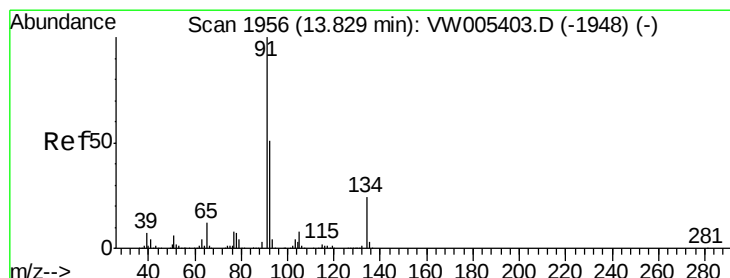
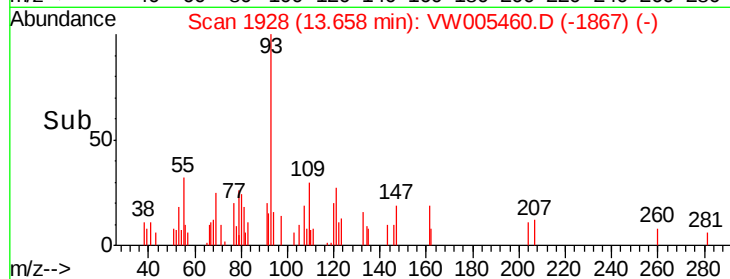
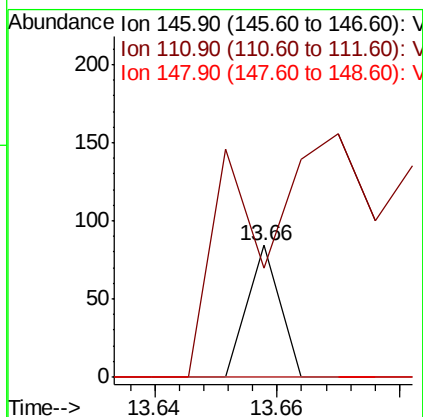
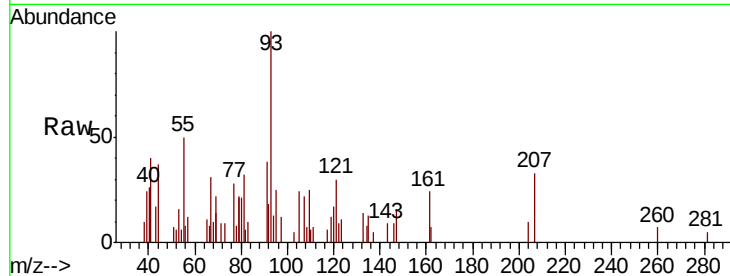




#88
 1,4-Dichlorobenzene
 Concen: 5.257 ug/l
 RT: 13.66 min Scan# 1928
 Delta R.T. 0.07 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

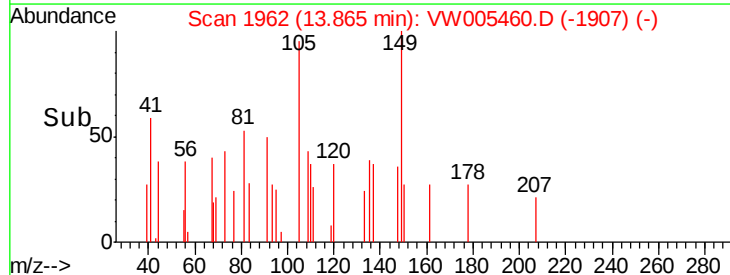
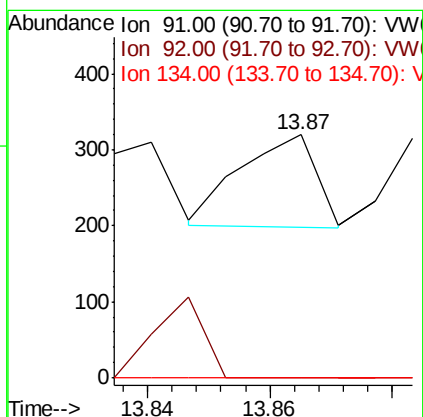
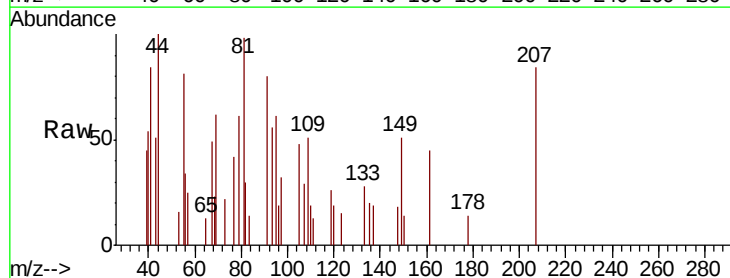
Instrument :
 MSVOA_W
 ClientSampled :
 RB48377RT

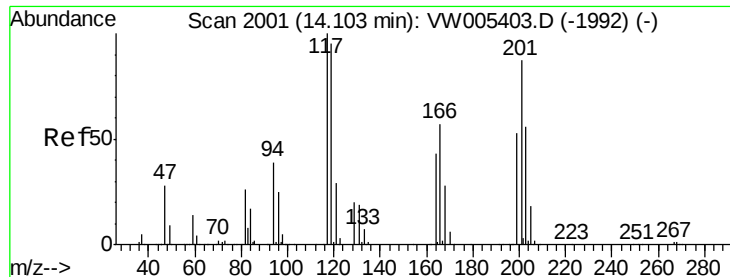
Tgt Ion: 146 Resp: 31
 Ion Ratio Lower Upper
 146 100
 111 1316.1 19.6 58.8#
 148 0.0 31.8 95.4#



#89
 n-Butylbenzene
 Concen: 9.458 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.04 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

Tgt Ion: 91 Resp: 103
 Ion Ratio Lower Upper
 91 100
 92 58.3 26.2 78.6
 134 0.0 12.7 38.1#





#90

Hexachloroethane

Concen: 22.957 ug/l

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

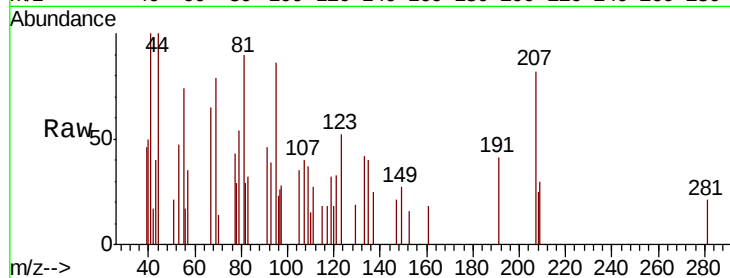
RB48377RT

Tgt Ion:117 Resp: 46

Ion Ratio Lower Upper

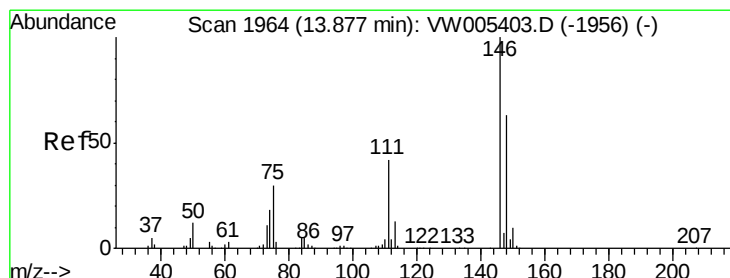
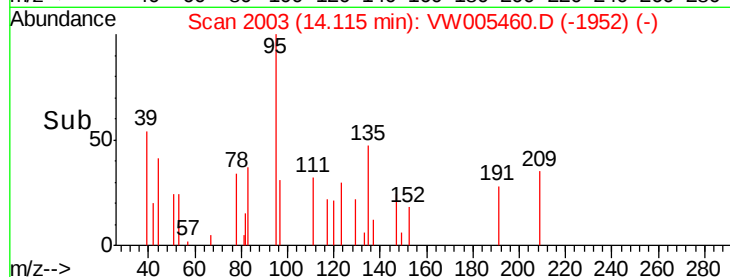
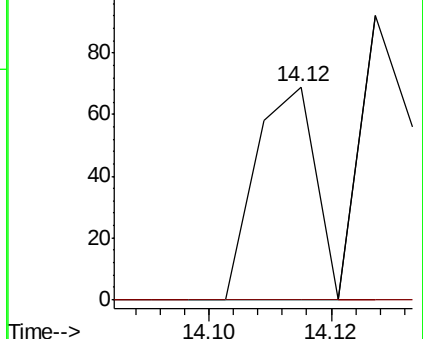
117 100

201 0.0 42.5 127.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 4.395 ug/l

RT: 13.85 min Scan# 1959

Delta R.T. -0.03 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

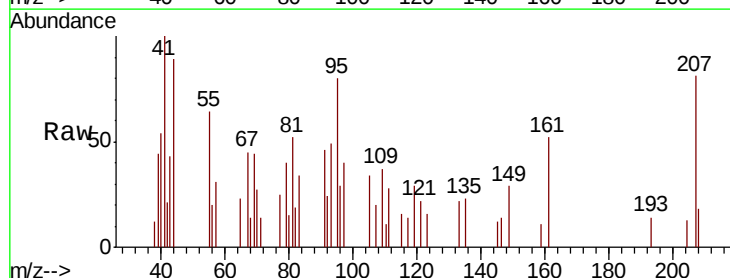
Tgt Ion:146 Resp: 23

Ion Ratio Lower Upper

146 100

111 200.0 21.0 63.0#

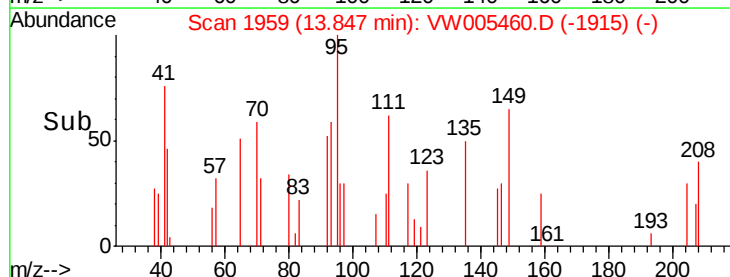
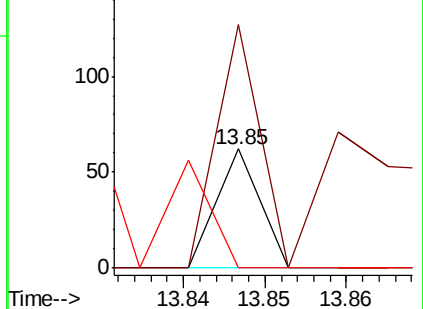
148 334.8 31.9 95.9#

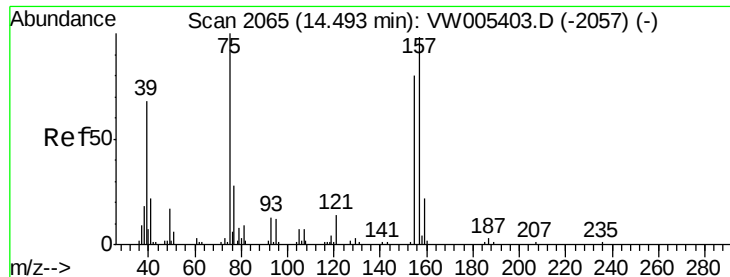


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 77.168 ug/l

RT: 14.67 min Scan# 2094

Delta R.T. 0.18 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

RB48377RT

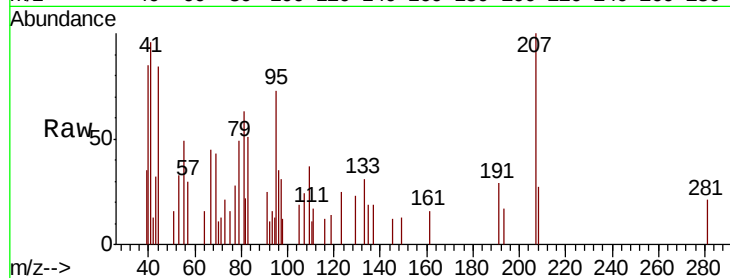
Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

155 185.2 39.0 117.0#

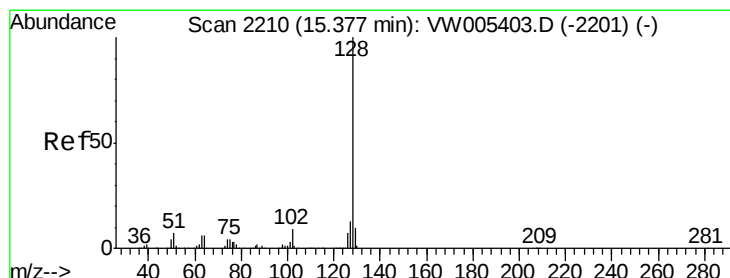
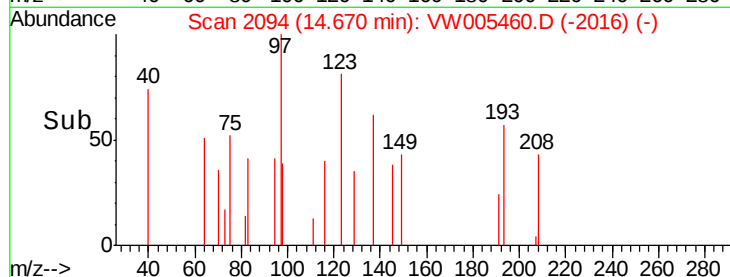
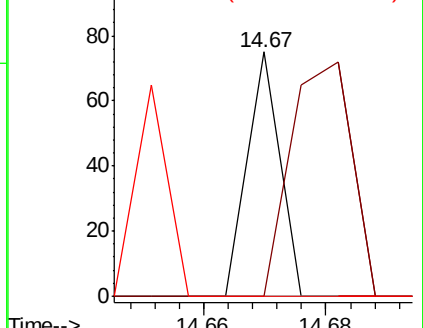
157 0.0 49.9 149.6#



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: 18.563 ug/l

RT: 15.39 min Scan# 2212

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

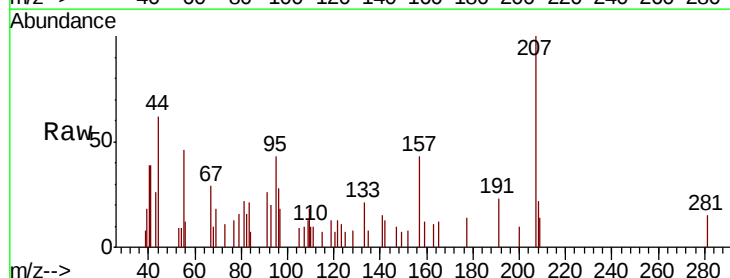
Tgt Ion: 128 Resp: 108

Ion Ratio Lower Upper

128 100

127 25.0 11.0 16.4#

129 0.0 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

