

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005459.D
 Acq On : 18 Sep 2018 04:35
 Operator : SY/AP
 Sample : J4945-01
 Misc : 0.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

Quant Time: Sep 18 06:04:58 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	224924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120691	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.89	113	90300	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	10.33	98	295371	33.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.22%	
62) 4-Bromofluorobenzene	12.63	95	68478	20.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	305	Below Cal	#	50
5) Bromomethane	2.79	94	530	Below Cal	#	38
8) Diethyl Ether	3.69	74	3178	3.245	ug/l #	1
10) Methyl Iodide	4.29	142	177	4.118	ug/l #	50
11) Tert butyl alcohol	5.22	59	399	Below Cal	#	71
13) Acrolein	3.70	56	27	Below Cal		95
16) Acetone	4.14	43	160585	496.026	ug/l	99
18) Methyl Acetate	4.68	43	24328	21.684	ug/l	100
20) Methylene Chloride	4.93	84	20951	3.733	ug/l	97
25) 2-Butanone	7.19	43	4199	7.476	ug/l	98
29) Tetrahydrofuran	7.55	42	571	1.596	ug/l #	87
31) Cyclohexane	7.95	56	5356	1.437	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	17931	5.454	ug/l #	51
37) Ethyl Acetate	7.19	43	4199	3.140	ug/l #	68
38) Carbon Tetrachloride	7.96	117	22022	6.428	ug/l #	17
41) Methacrylonitrile	7.56	41	978	1.212	ug/l #	49
51) 4-Methyl-2-Pentanone	10.22	43	1830	1.362	ug/l	93
52) Toluene	10.40	92	48869	7.576	ug/l	99
69) o-Xylene	12.34	106	6018	2.038	ug/l #	1
70) Styrene	12.19	104	22919	4.704	ug/l #	60
73) Isopropylbenzene	12.48	105	1703900	347.960	ug/l #	59
74) N-amyl acetate	12.48	43	1024200	992.571	ug/l #	22
75) 1,1,2,2-Tetrachloroethane	12.72	83	1647	2.306	ug/l #	55
76) 1,2,3-Trichloropropane	12.72	75	1157	2.015	ug/l #	100
78) n-propylbenzene	12.78	91	35698	6.041	ug/l #	58
79) 2-Chlorotoluene	12.96	91	90298	25.899	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.96	105	10372	2.428	ug/l	66
81) trans-1,4-Dichloro-2-buten	12.48	75	55003	248.546	ug/l #	1
82) 4-Chlorotoluene	12.96	91	90298	24.532	ug/l #	42
83) tert-Butylbenzene	13.26	119	6390	1.801	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.26	105	12574	2.899	ug/l	85
85) sec-Butylbenzene	13.26	105	12574	2.452	ug/l	96
86) p-Isopropyltoluene	13.51	119	150584	32.838	ug/l #	76
89) n-Butylbenzene	13.72	91	17695	4.144	ug/l #	79

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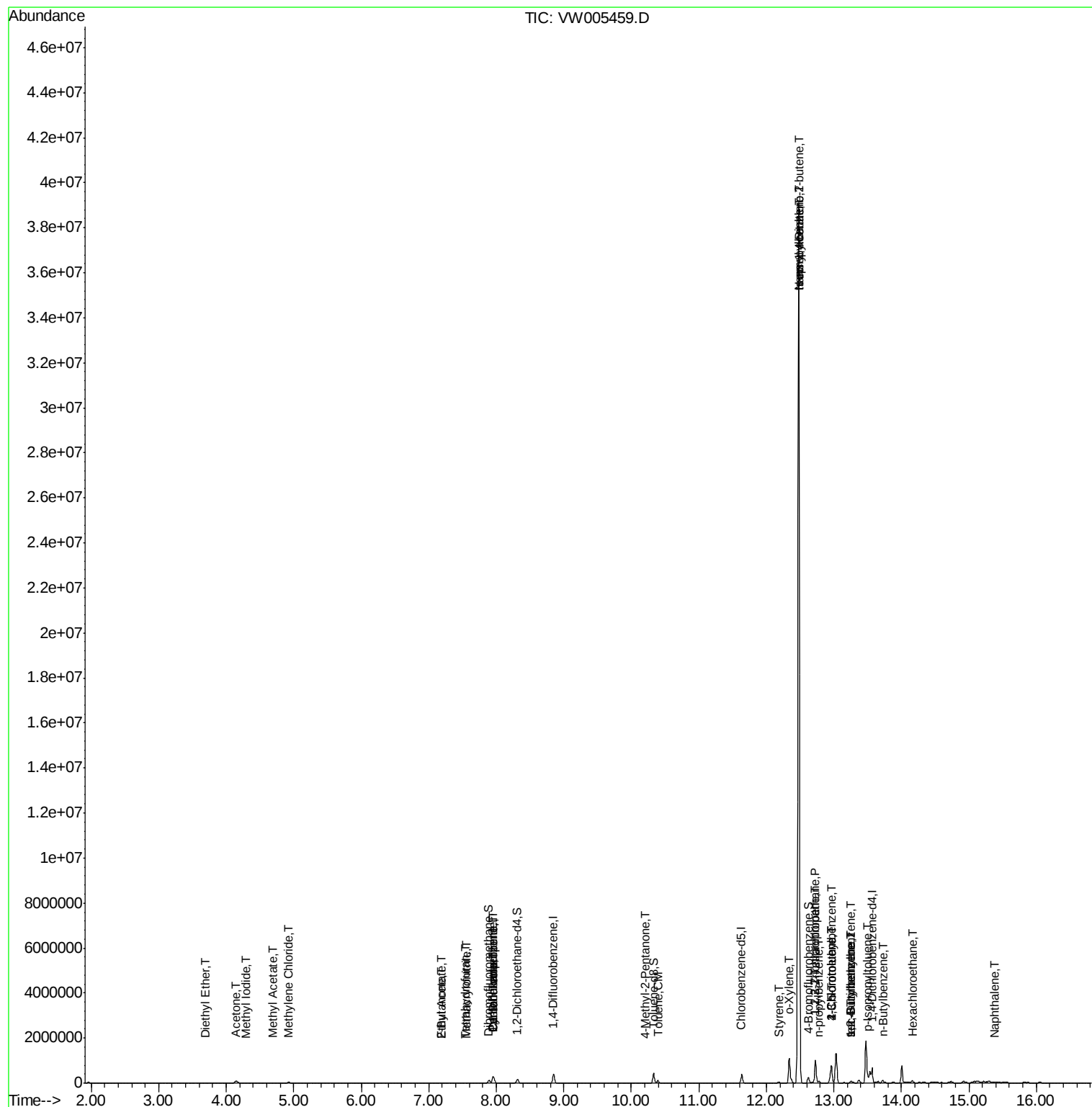
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.16	117	20455	26.033	ug/l #	7
95) Naphthalene	15.38	128	8017	3.514	ug/l #	93

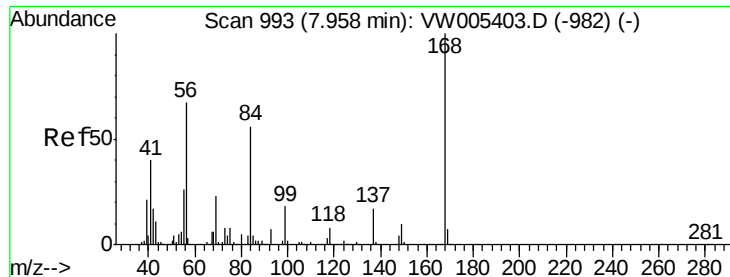
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

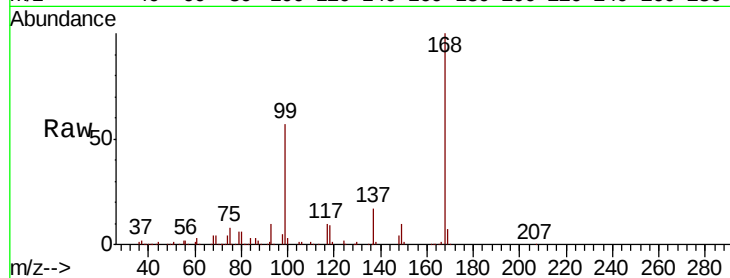
RB47195RT

Tgt Ion:168 Resp: 224924

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

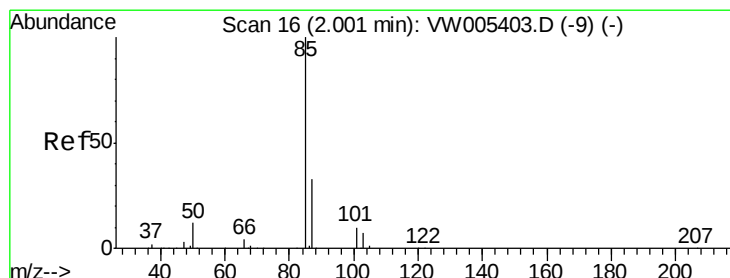
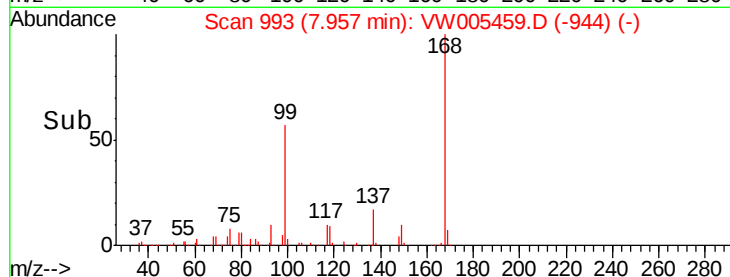
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005459.D

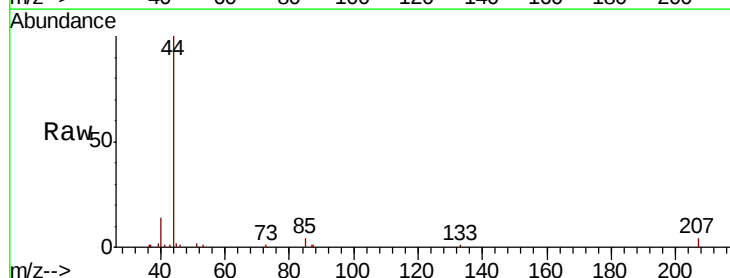
Acq: 18 Sep 2018 04:35

Tgt Ion: 85 Resp: 305

Ion Ratio Lower Upper

85 100

87 61.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

250

200

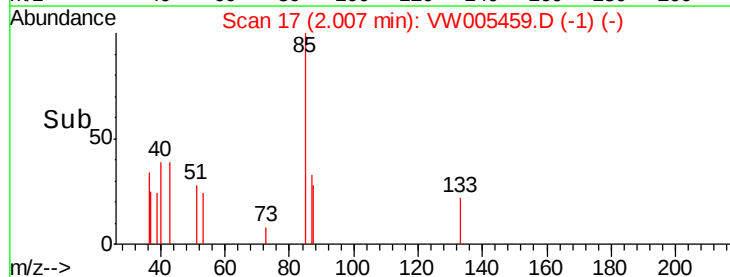
150

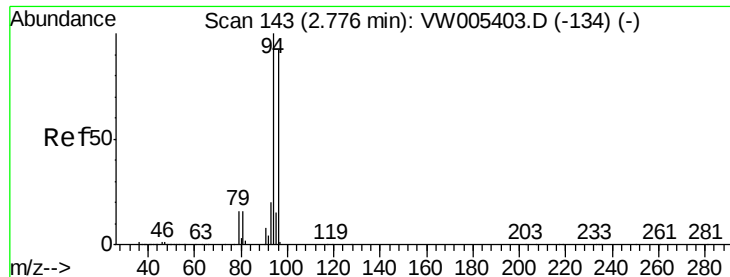
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 146

Delta R.T. 0.02 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

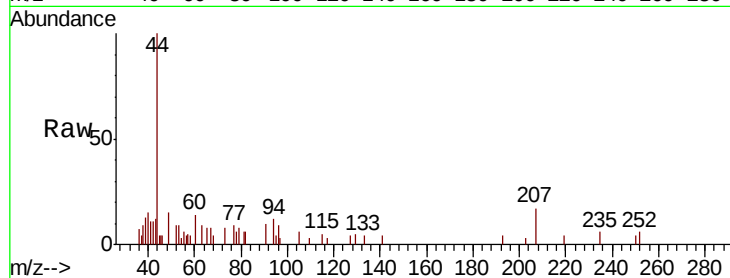
RB47195RT

Tgt Ion: 94 Resp: 530

Ion Ratio Lower Upper

94 100

96 32.9 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

250

200

150

100

50

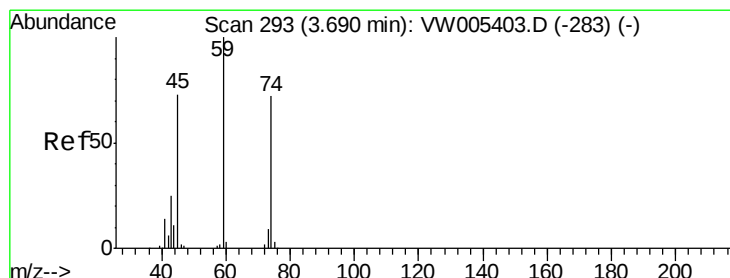
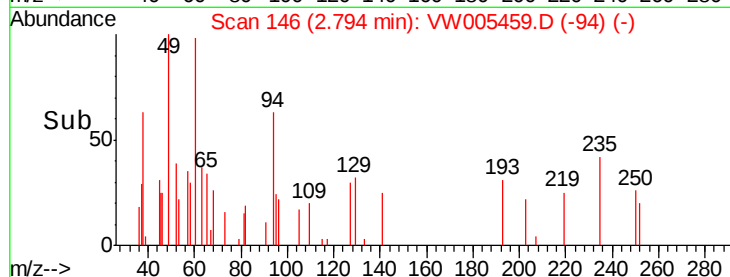
0

2.75

2.80

2.79

Time-->



#8

Diethyl Ether

Concen: 3.245 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005459.D

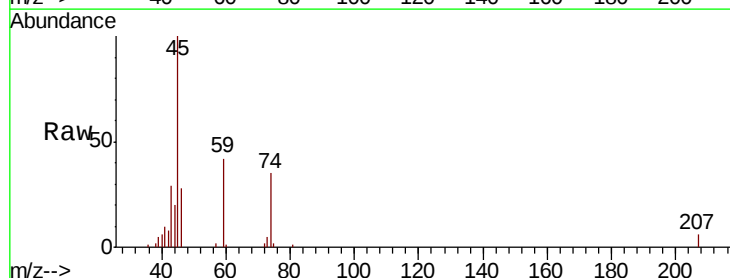
Acq: 18 Sep 2018 04:35

Tgt Ion: 74 Resp: 3178

Ion Ratio Lower Upper

74 100

45 851.2 53.1 159.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

5000

4000

3000

2000

1000

0

3.60

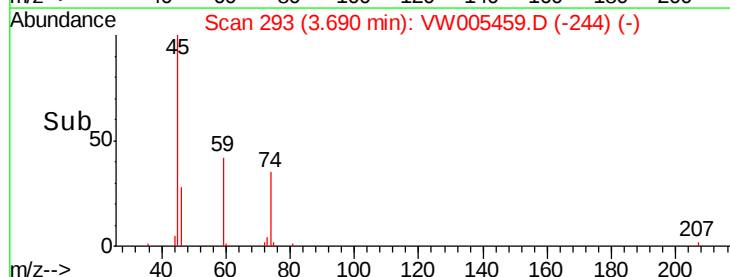
3.65

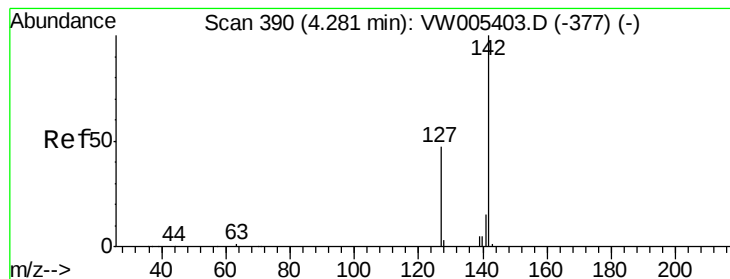
3.70

3.75

3.69

Time-->





#10

Methyl Iodide

Concen: 4.118 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

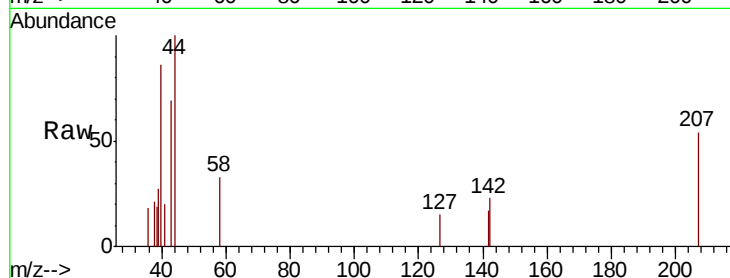
Tgt Ion: 142 Resp: 177

Ion Ratio Lower Upper

142 100

127 10.7 37.5 56.3#

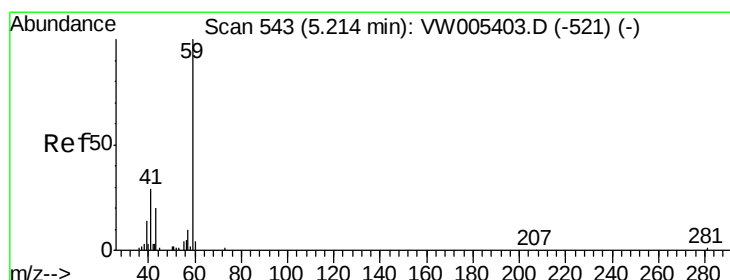
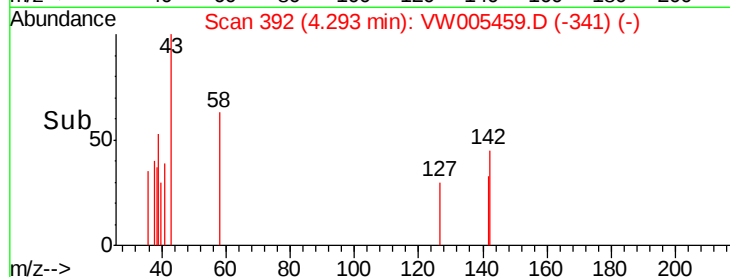
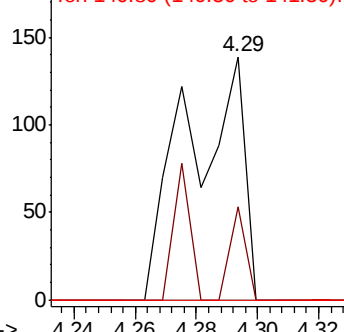
141 0.0 12.4 18.6#



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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW005459.D

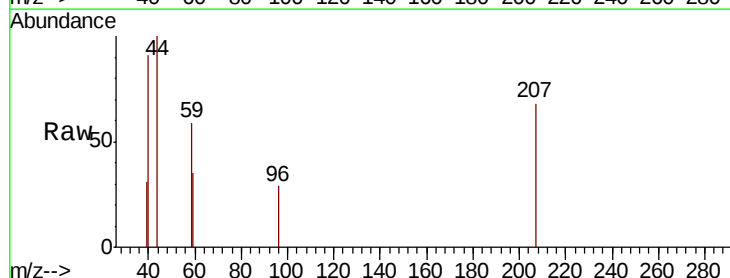
Acq: 18 Sep 2018 04:35

Tgt Ion: 59 Resp: 399

Ion Ratio Lower Upper

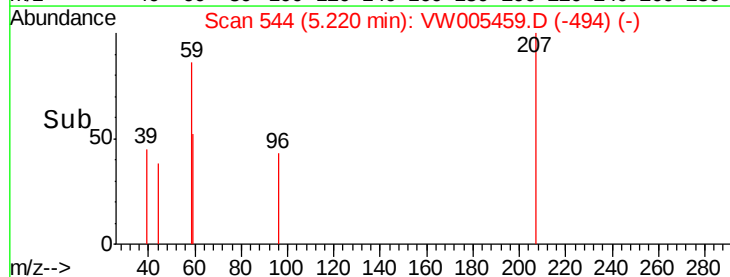
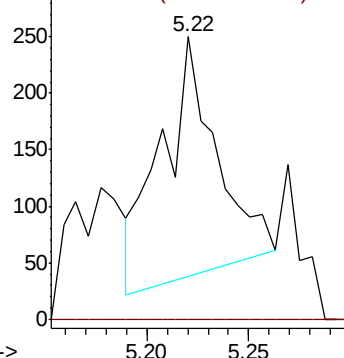
59 100

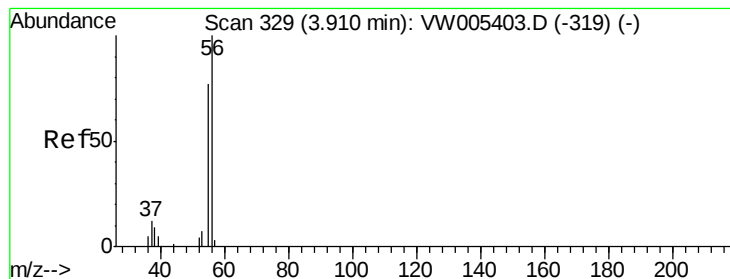
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.70 min Scan# 295

Delta R.T. -0.21 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

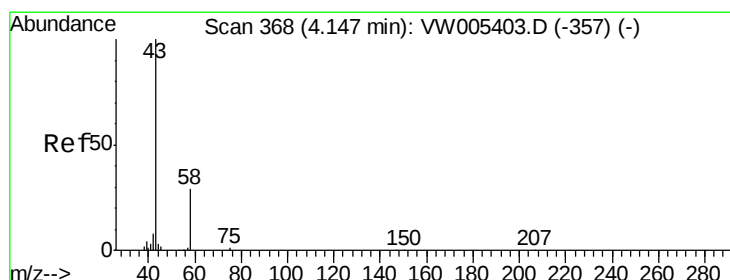
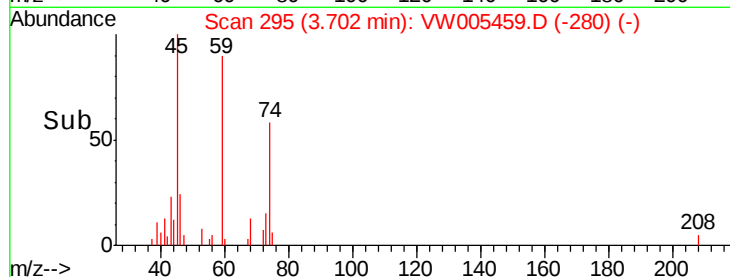
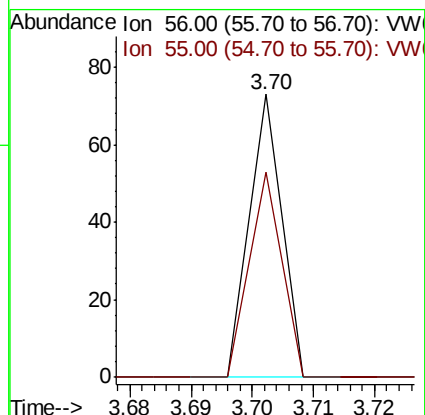
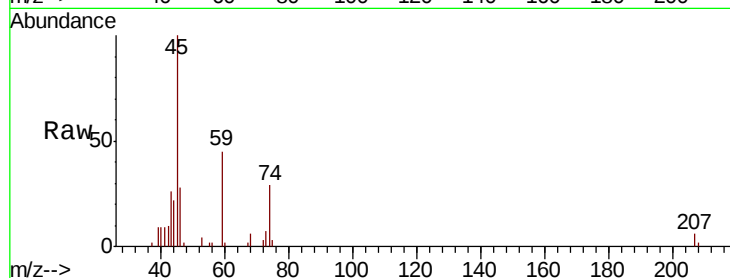
RB47195RT

Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

55 70.4 59.8 89.8



#16

Acetone

Concen: 496.026 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005459.D

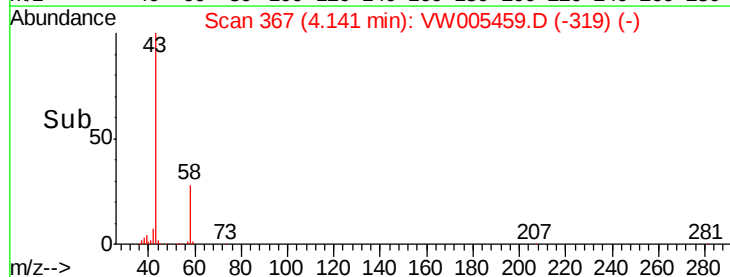
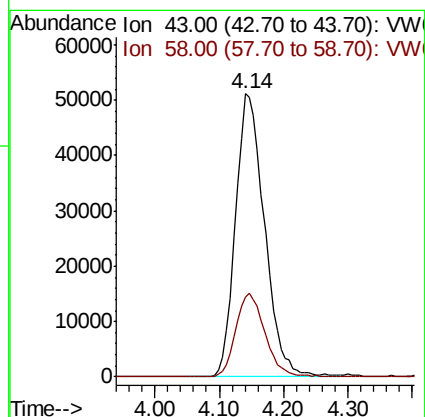
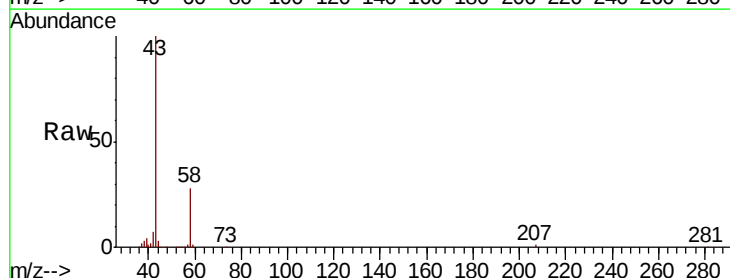
Acq: 18 Sep 2018 04:35

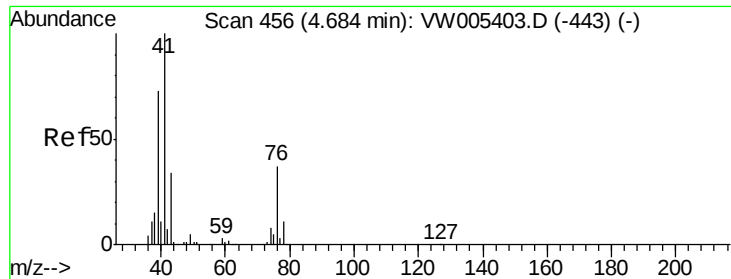
Tgt Ion: 43 Resp: 160585

Ion Ratio Lower Upper

43 100

58 28.1 22.8 34.2

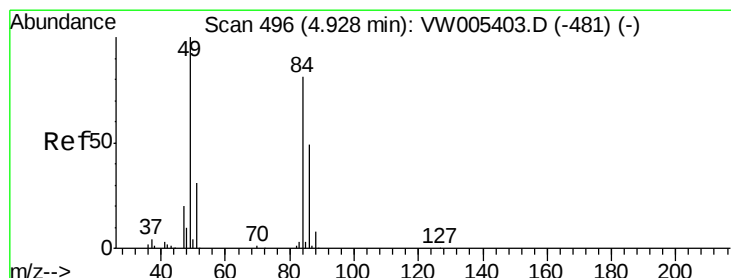
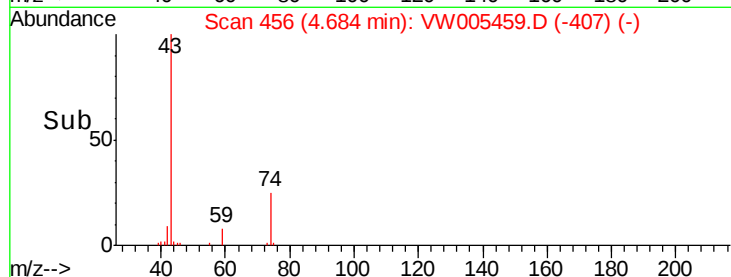
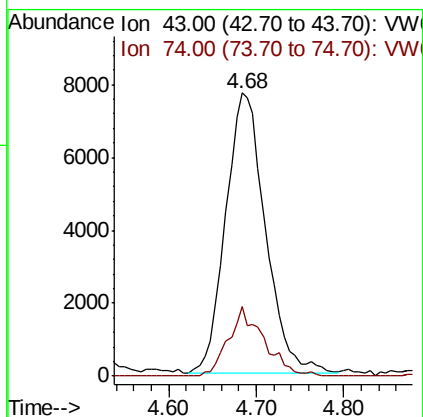
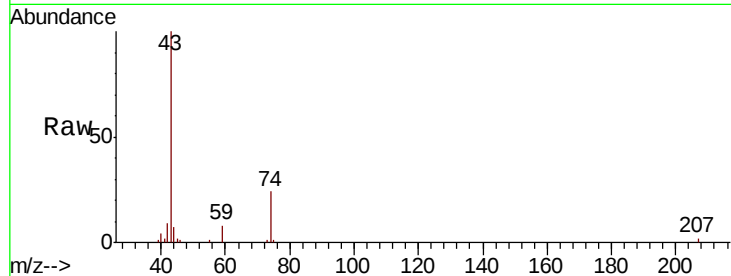




#18
Methyl Acetate
Concen: 21.684 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

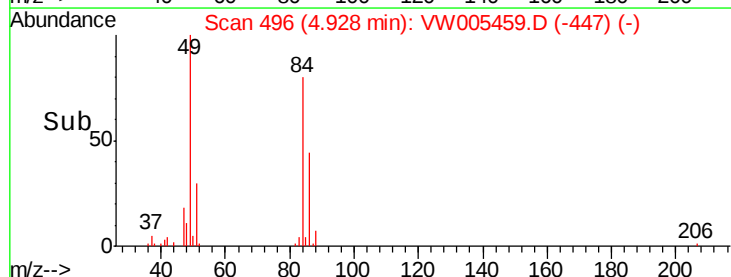
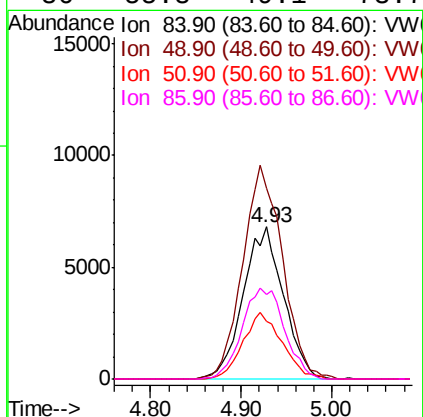
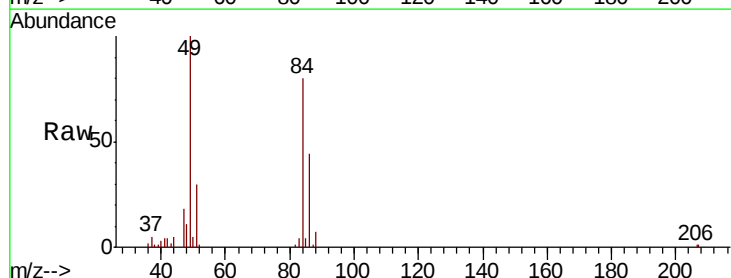
Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

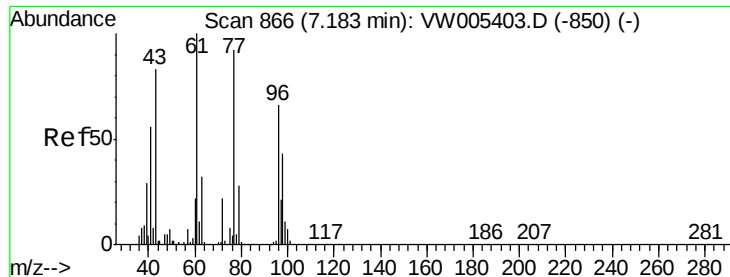
Tgt Ion: 43 Resp: 24328
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 3.733 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion: 84 Resp: 20951
Ion Ratio Lower Upper
84 100
49 125.7 99.3 148.9
51 37.7 31.1 46.7
86 55.8 49.1 73.7





#25

2-Butanone

Concen: 7.476 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

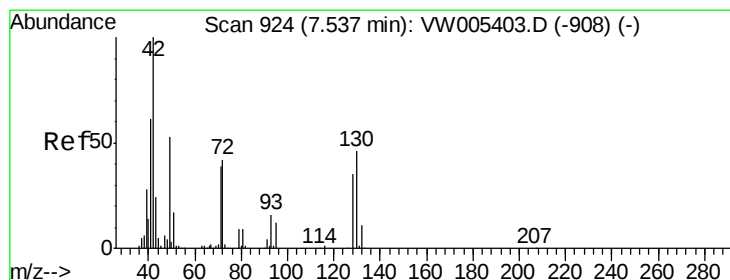
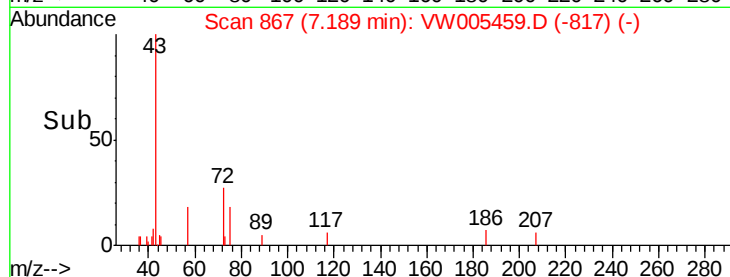
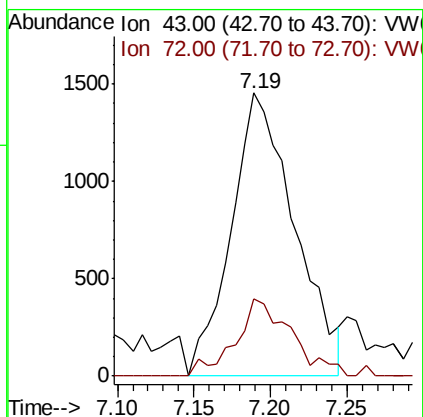
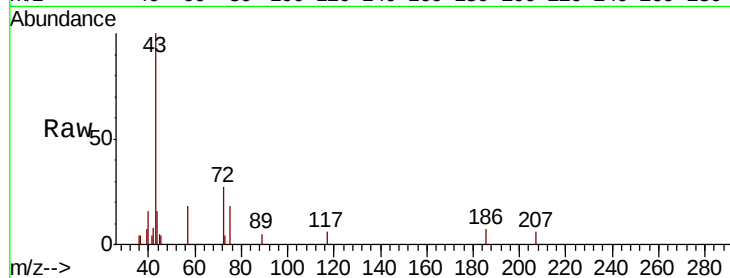
RB47195RT

Tgt Ion: 43 Resp: 4199

Ion Ratio Lower Upper

43 100

72 27.2 21.1 31.7



#29

Tetrahydrofuran

Concen: 1.596 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

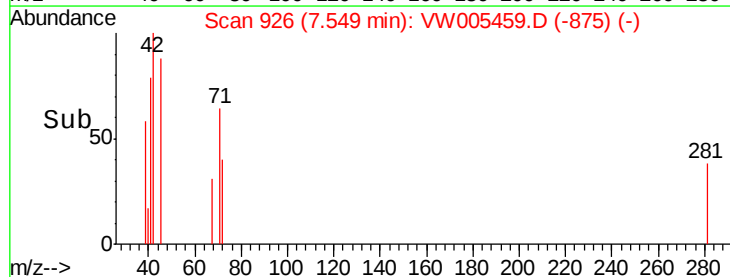
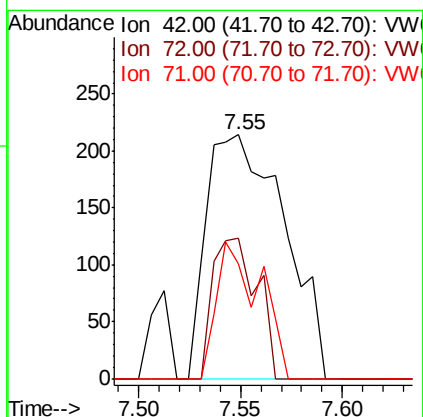
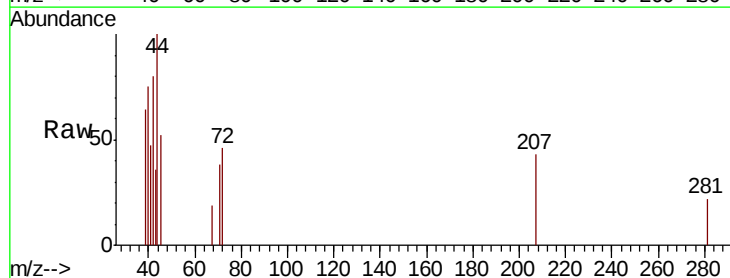
Tgt Ion: 42 Resp: 571

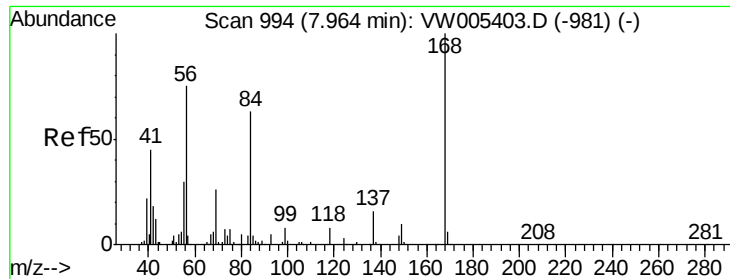
Ion Ratio Lower Upper

42 100

72 32.7 33.2 49.8#

71 31.5 31.0 46.6

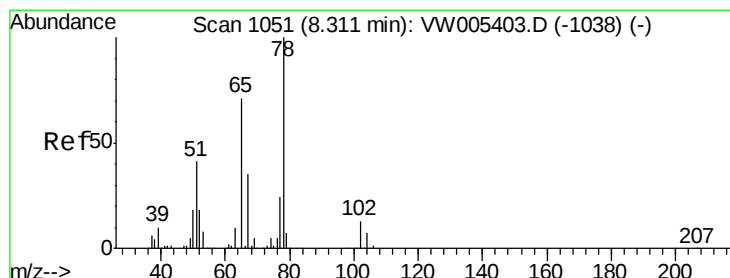
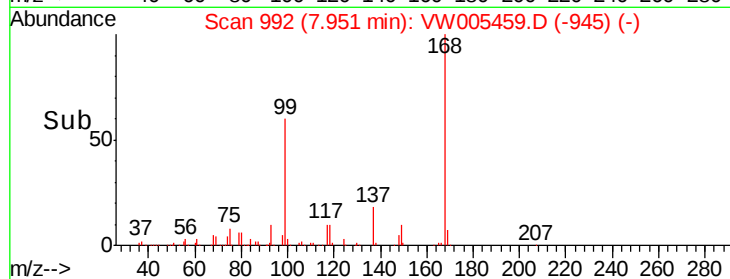
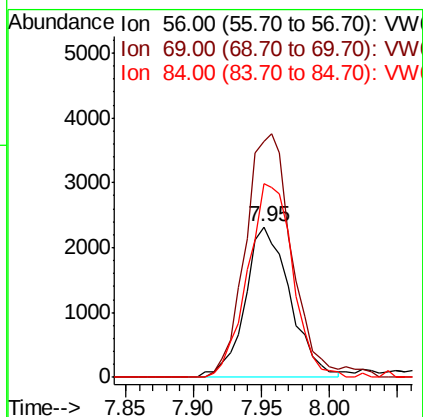
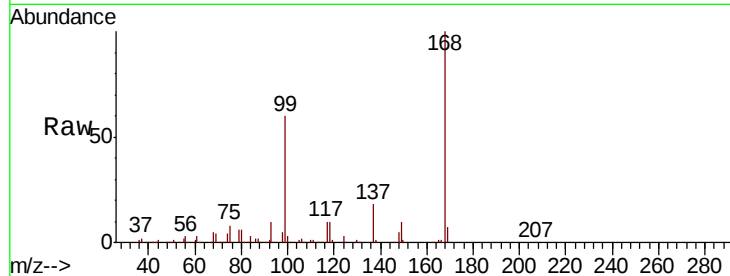




#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

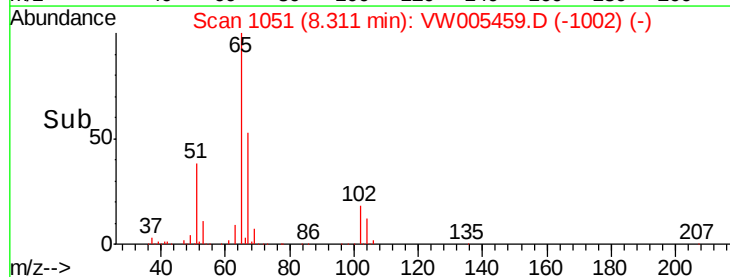
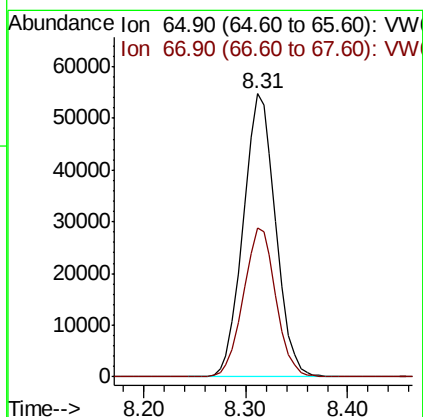
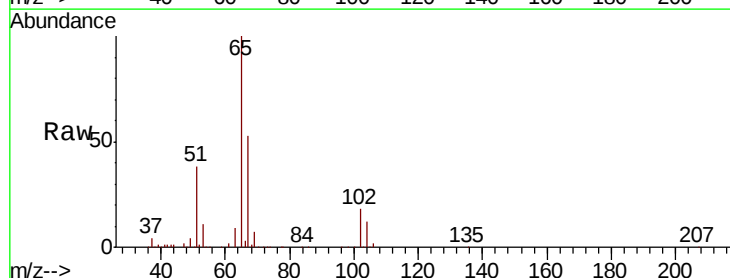
Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

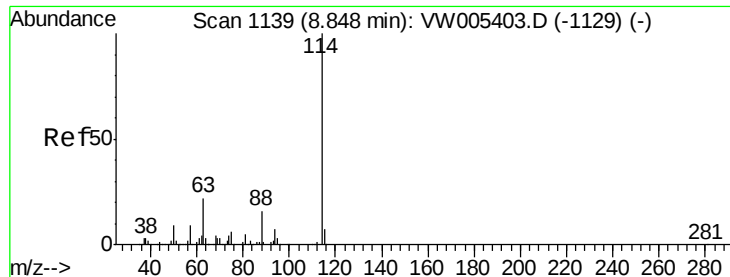
Tgt Ion: 56 Resp: 5356
Ion Ratio Lower Upper
56 100
69 156.6 27.2 40.8#
84 128.4 66.7 100.1#



#33
1,2-Dichloroethane-d4
Concen: 51.694 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion: 65 Resp: 120691
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.6

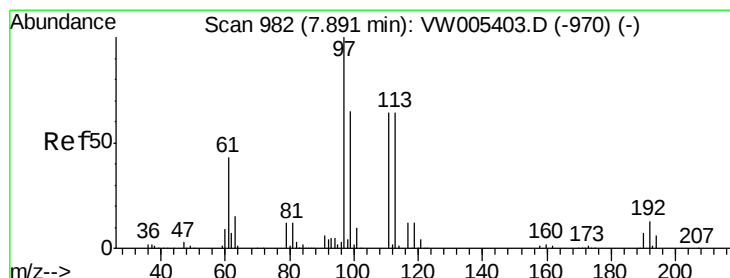
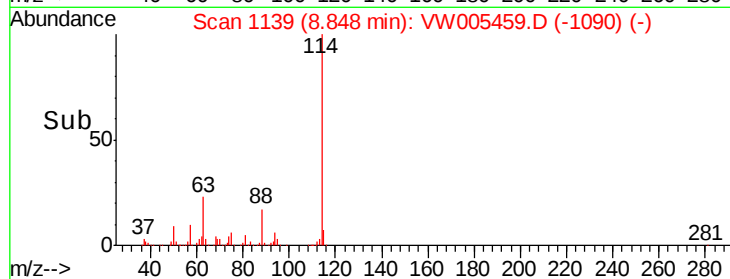
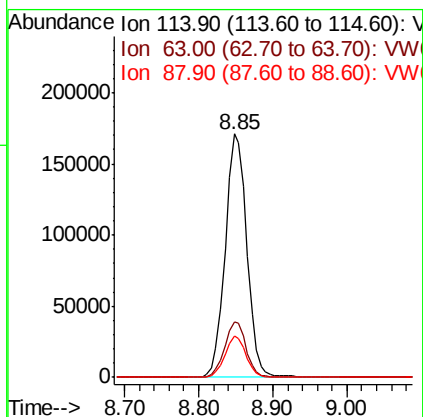
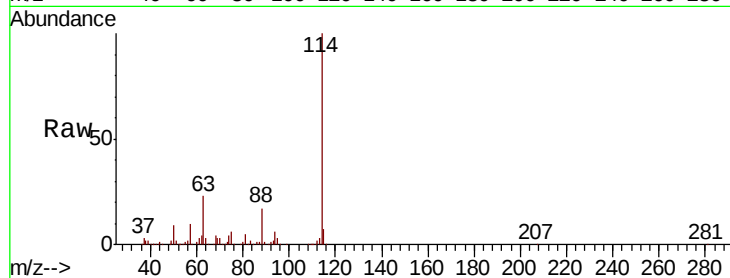




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

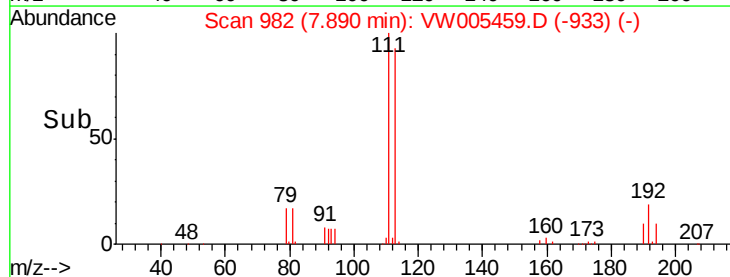
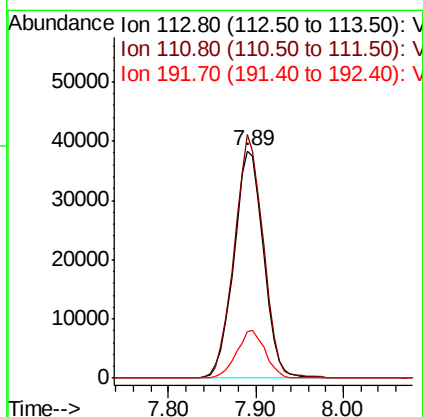
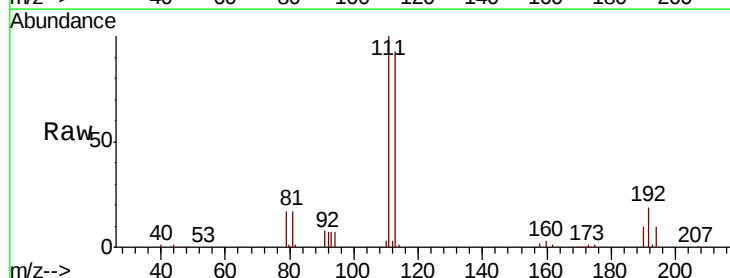
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

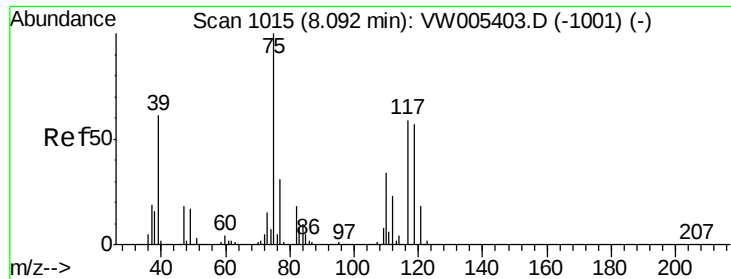
Tgt Ion:114 Resp: 347423
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 16.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 46.356 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Tgt Ion:113 Resp: 90300
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 20.3 16.5 24.7

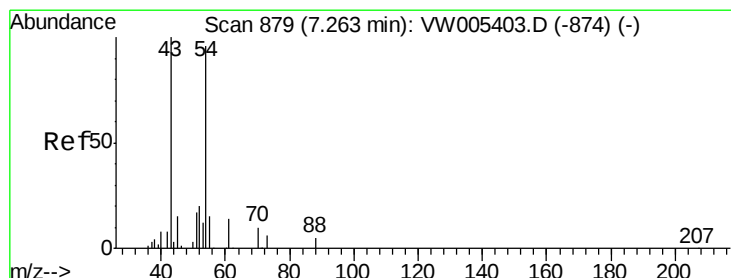
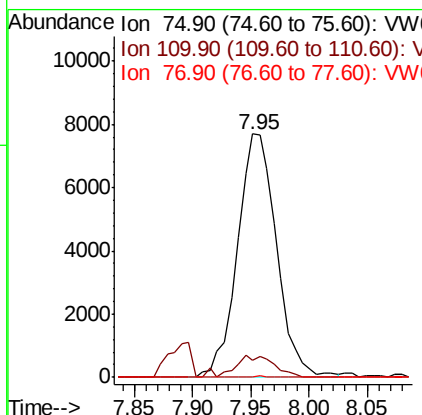
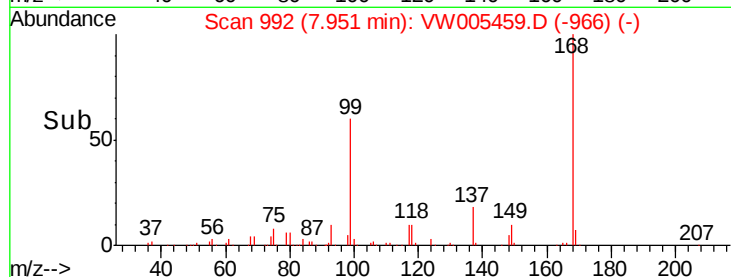
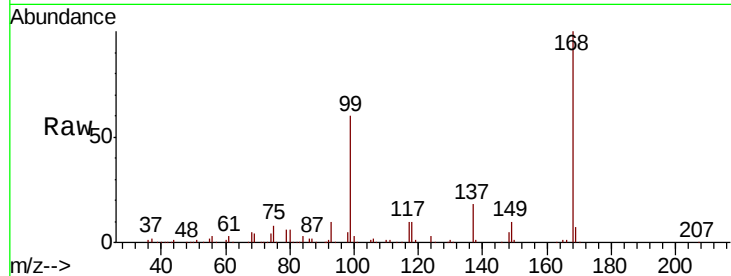




#36
 1,1-Dichloropropene
 Concen: 5.454 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

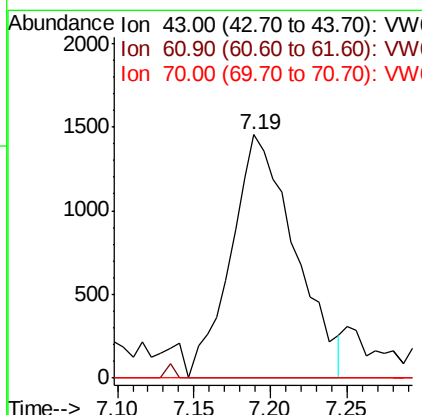
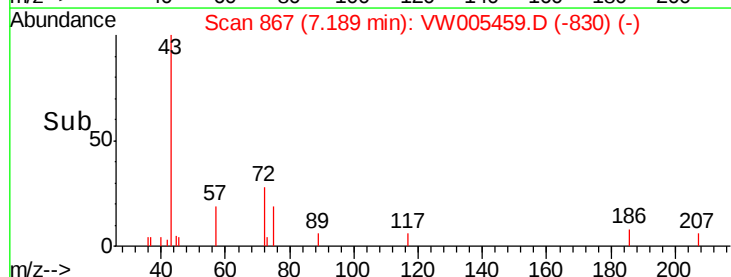
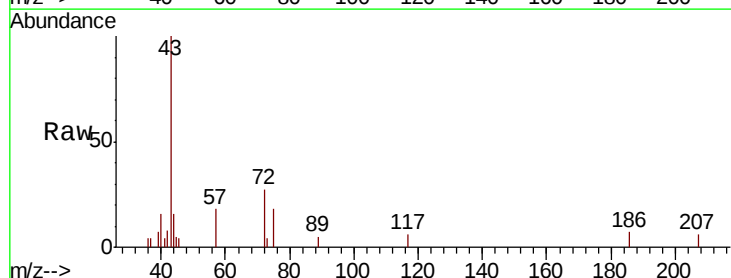
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

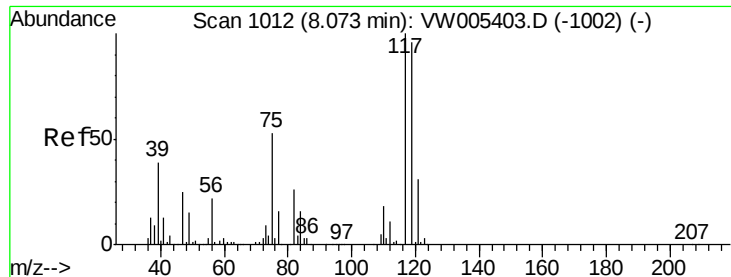
Tgt Ion: 75 Resp: 17931
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.8 50.4#
 77 0.2 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 3.140 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Tgt Ion: 43 Resp: 4199
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.0 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 6.428 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

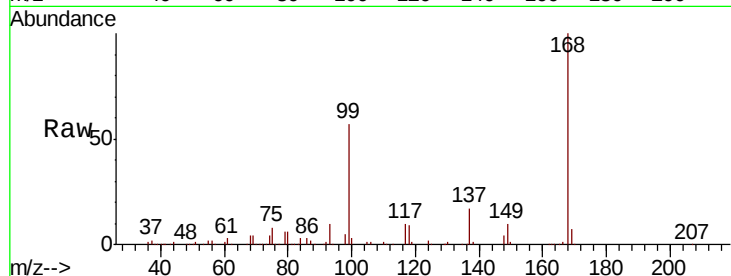
Tgt Ion:117 Resp: 22022

Ion Ratio Lower Upper

117 100

119 6.7 76.8 115.2#

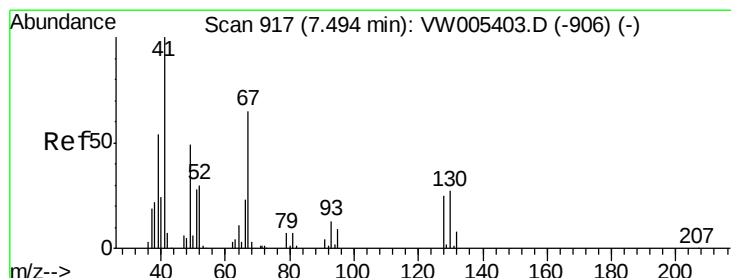
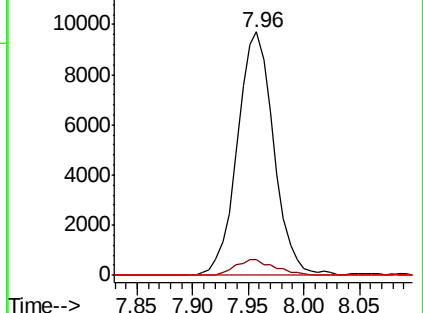
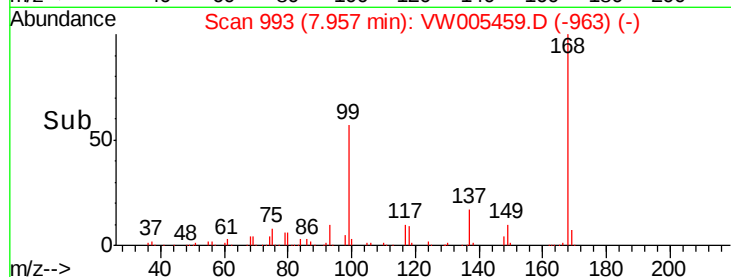
121 0.0 24.7 37.1#



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



#41

Methacrylonitrile

Concen: 1.212 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.06 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Tgt Ion: 41 Resp: 978

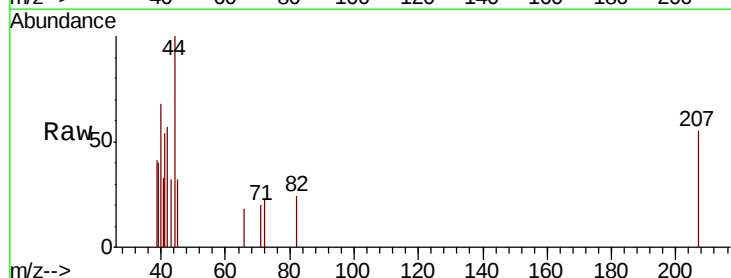
Ion Ratio Lower Upper

41 100

39 49.5 44.6 67.0

67 0.0 53.6 80.4#

52 0.0 24.9 37.3#

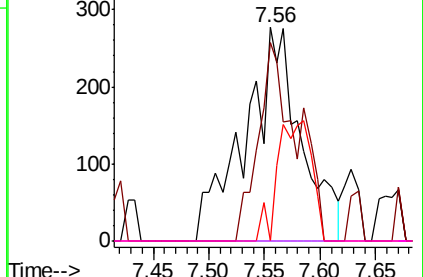
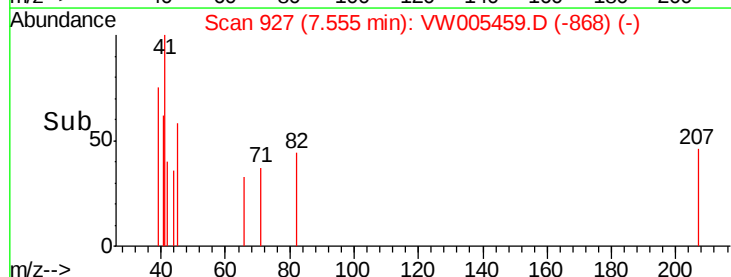


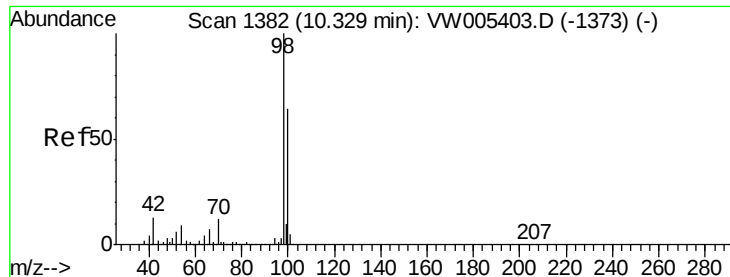
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 33.111 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

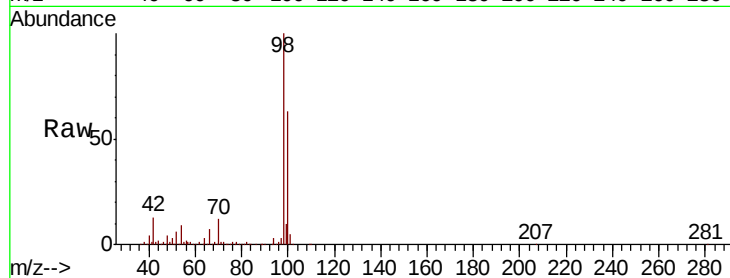
RB47195RT

Tgt Ion: 98 Resp: 295371

Ion Ratio Lower Upper

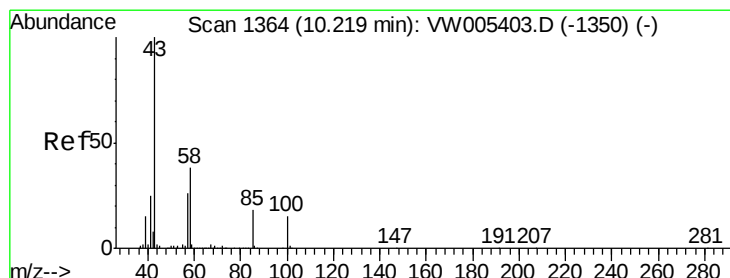
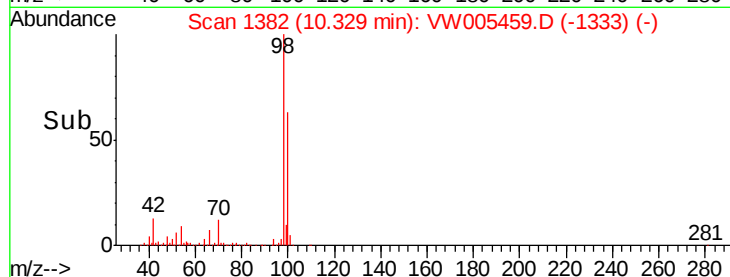
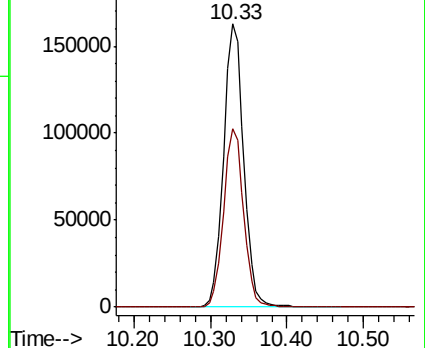
98 100

100 62.9 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: 1.362 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005459.D

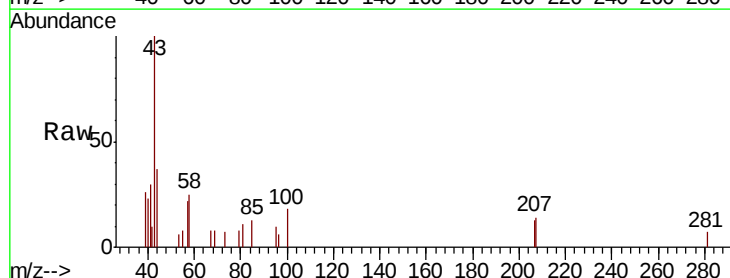
Acq: 18 Sep 2018 04:35

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

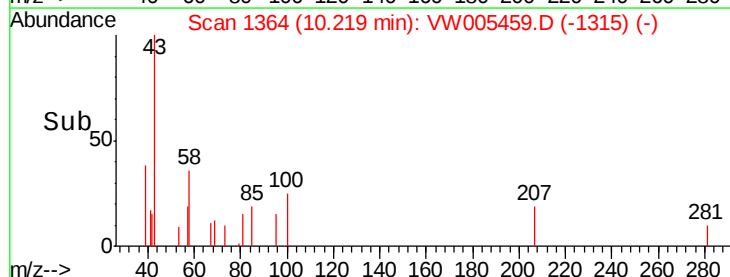
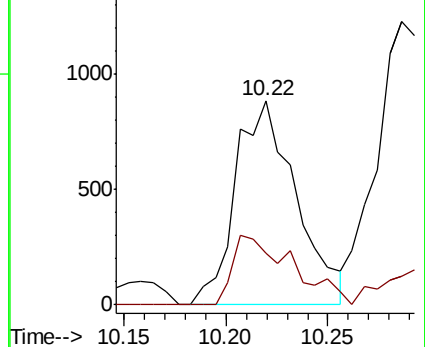
43 100

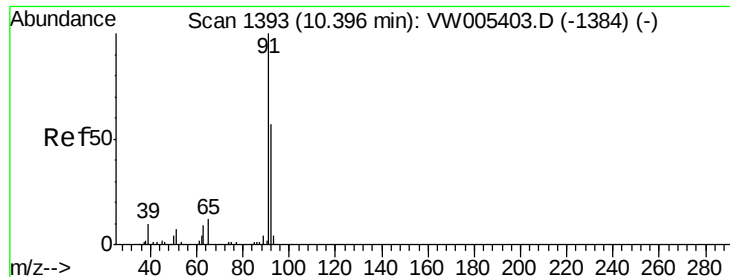
58 33.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 7.576 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

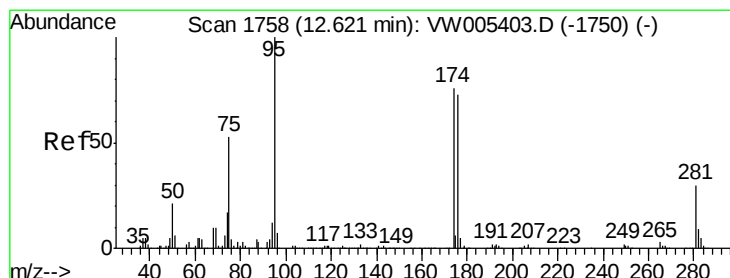
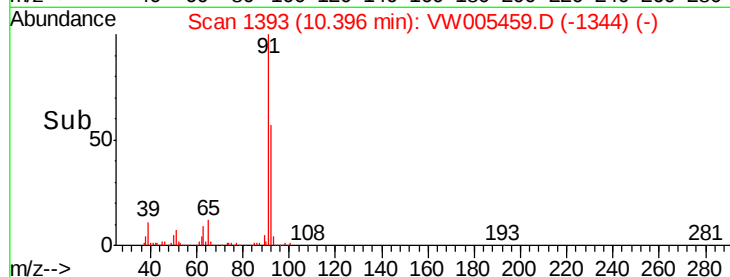
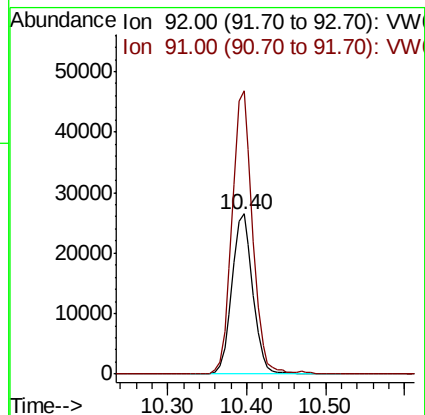
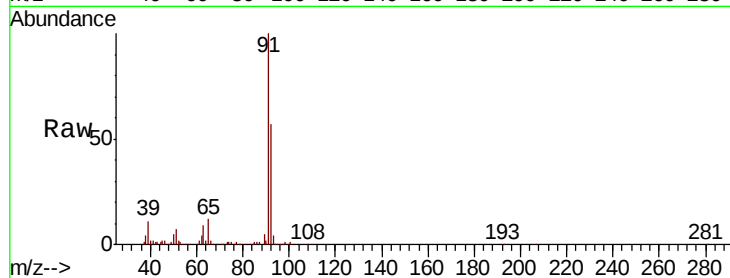
RB47195RT

Tgt Ion: 92 Resp: 48869

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 20.935 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

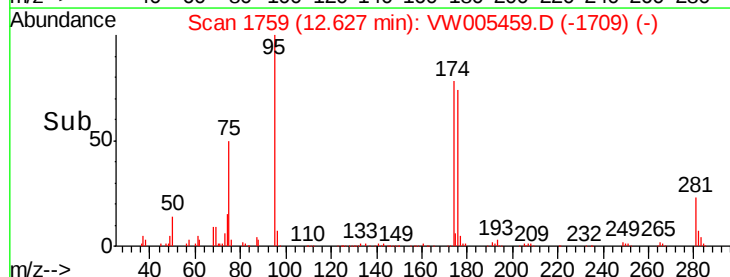
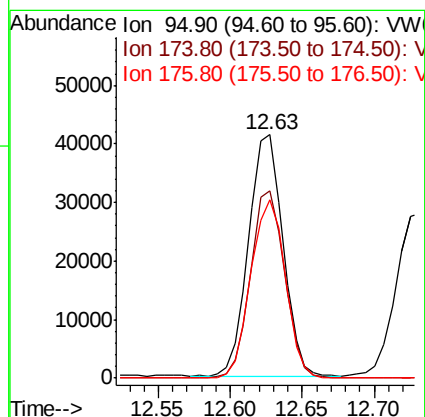
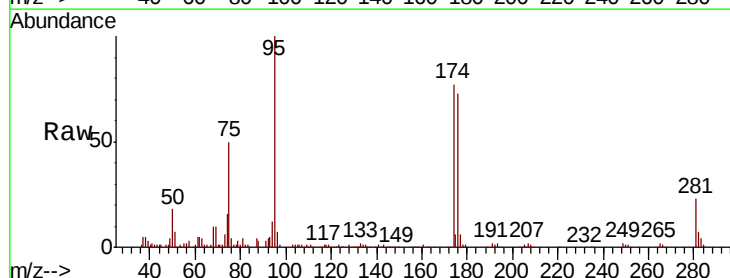
Tgt Ion: 95 Resp: 68478

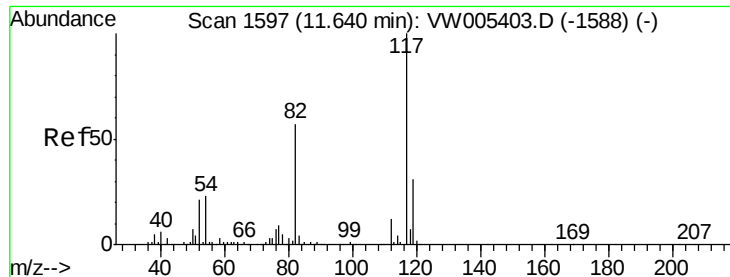
Ion Ratio Lower Upper

95 100

174 76.3 0.0 161.2

176 73.7 0.0 156.6

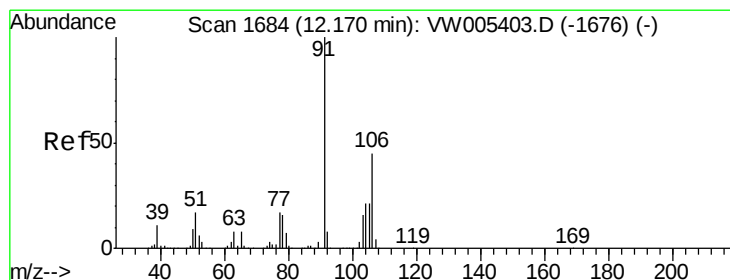
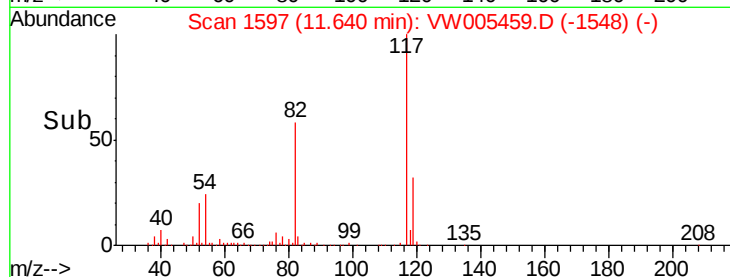
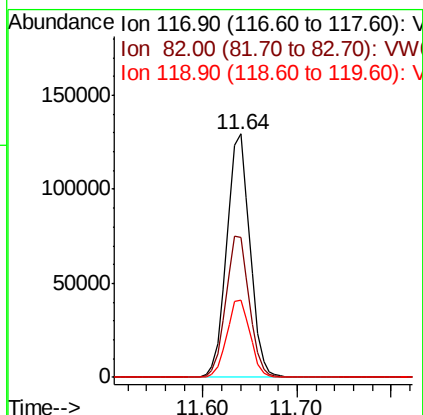
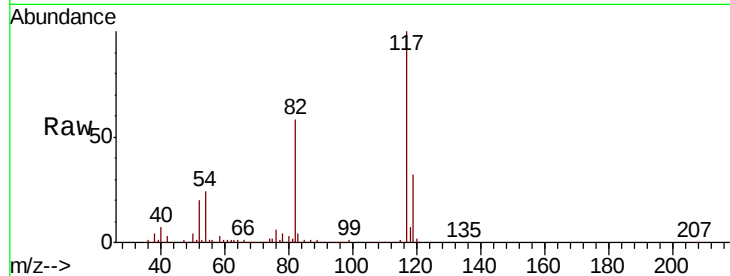




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

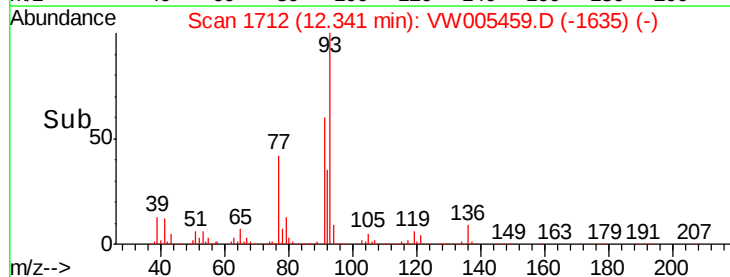
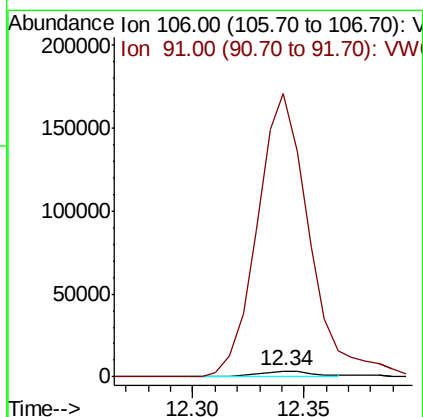
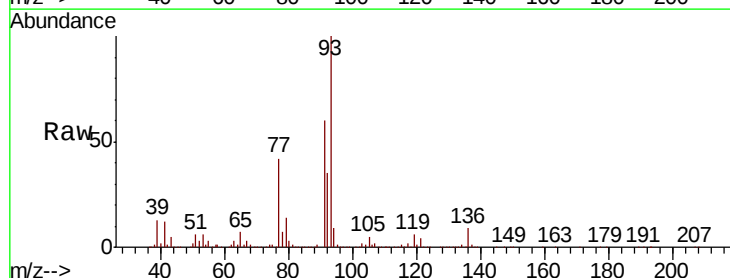
Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

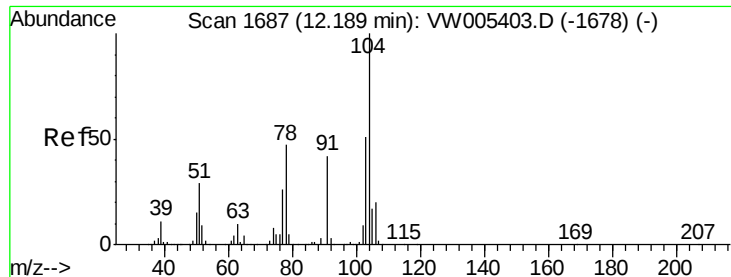
Tgt Ion:117 Resp: 220724
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.9 24.8 37.2



#69
o-Xylene
Concen: 2.038 ug/l
RT: 12.34 min Scan# 1712
Delta R.T. 0.17 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion:106 Resp: 6018
Ion Ratio Lower Upper
106 100
91 4640.6 110.6 331.6#





#70

Styrene

Concen: 4.704 ug/l

RT: 12.19 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

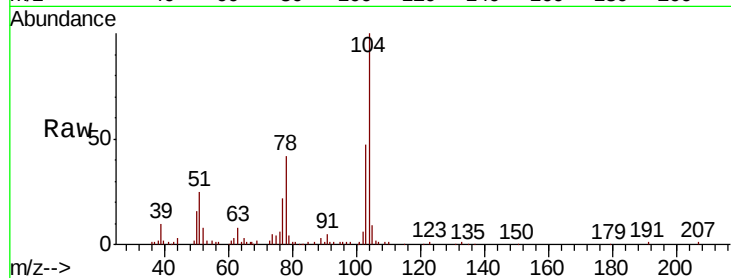
Tgt Ion:104 Resp: 22919

Ion Ratio Lower Upper

104 100

78 0.0 42.4 63.6#

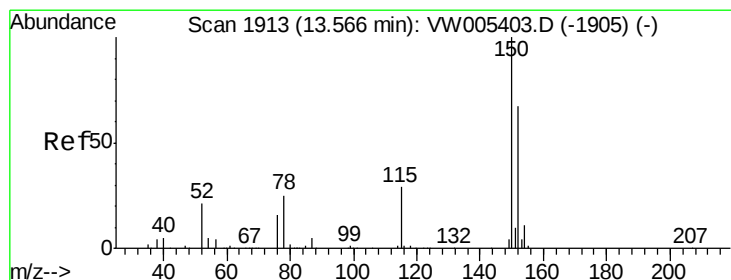
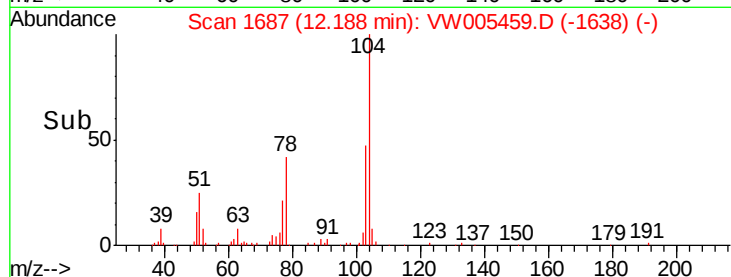
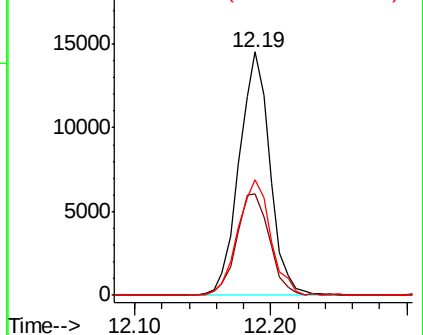
103 50.3 44.8 67.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

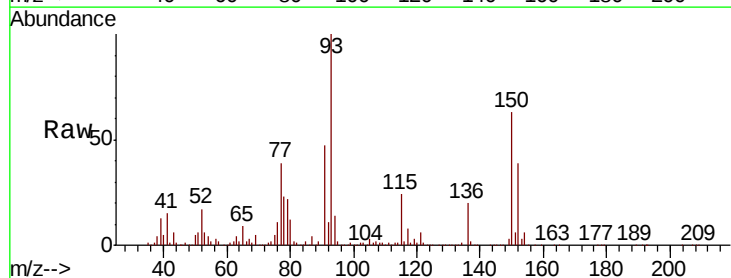
Tgt Ion:152 Resp: 69797

Ion Ratio Lower Upper

152 100

115 61.6 29.5 88.5

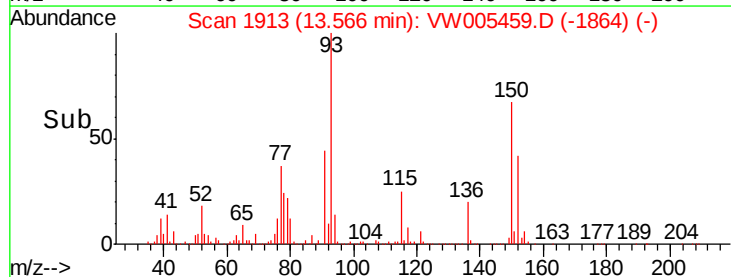
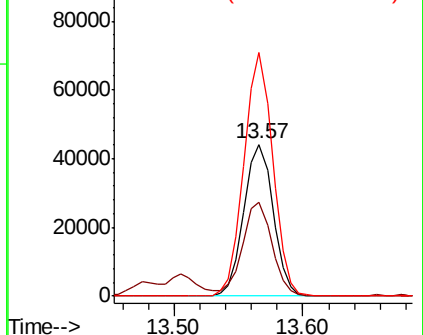
150 156.3 0.0 345.6

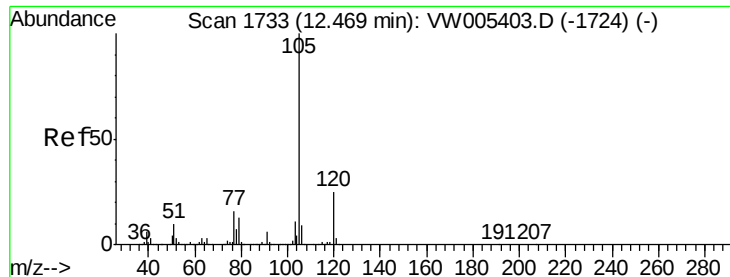


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 347.960 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

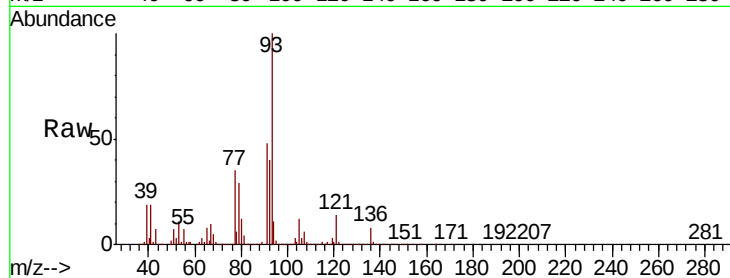
RB47195RT

Tgt Ion: 105 Resp: 1703900

Ion Ratio Lower Upper

105 100

120 4.8 12.9 38.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

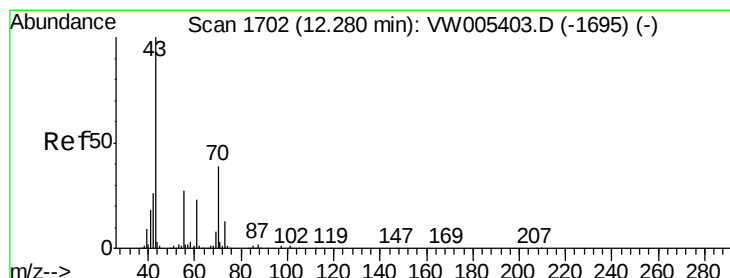
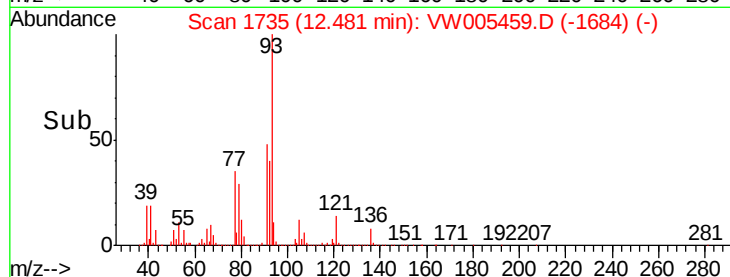
400000

200000

0

12.40 12.48 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 992.571 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. 0.20 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Tgt Ion: 43 Resp: 1024200

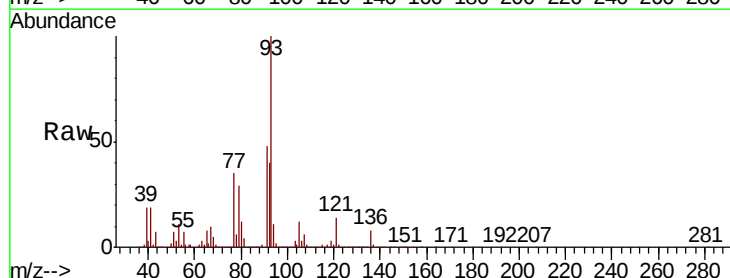
Ion Ratio Lower Upper

43 100

70 1.9 31.9 47.9#

55 95.4 21.4 32.0#

61 2.3 18.3 27.5#



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

800000

600000

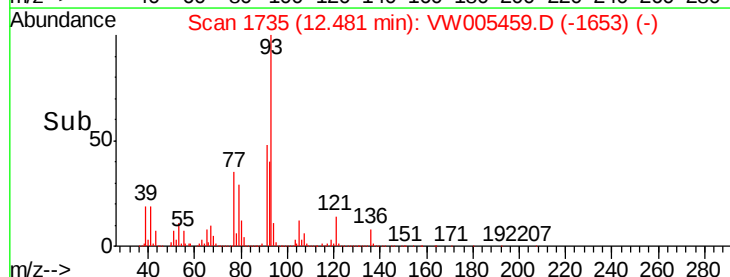
400000

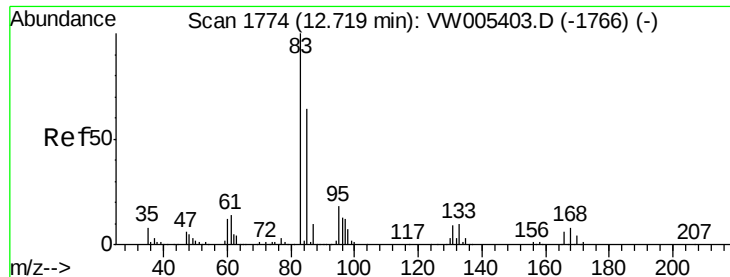
200000

0

12.40 12.48 12.50 12.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 2.306 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

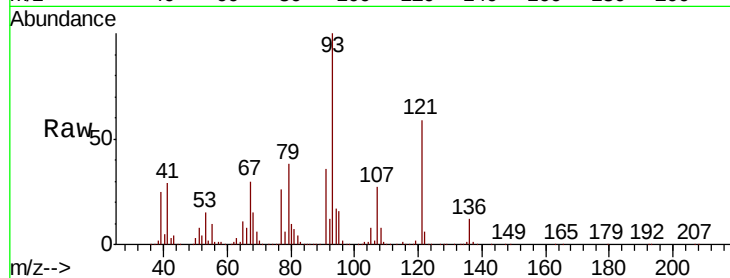
Tgt Ion: 83 Resp: 1647

Ion Ratio Lower Upper

83 100

131 7.8 5.7 17.1

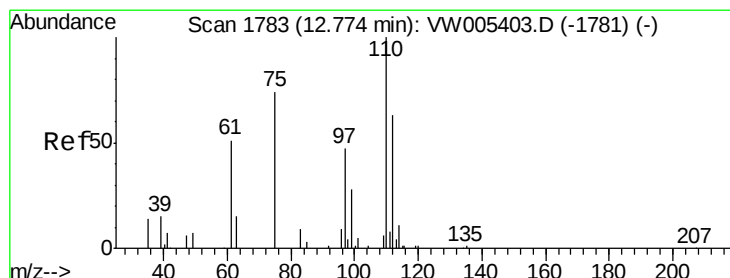
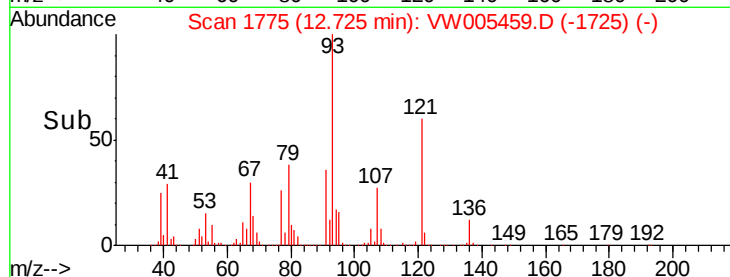
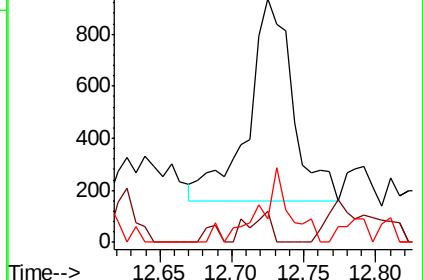
85 23.7 31.6 95.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 2.015 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. -0.05 min

Lab File: VW005459.D

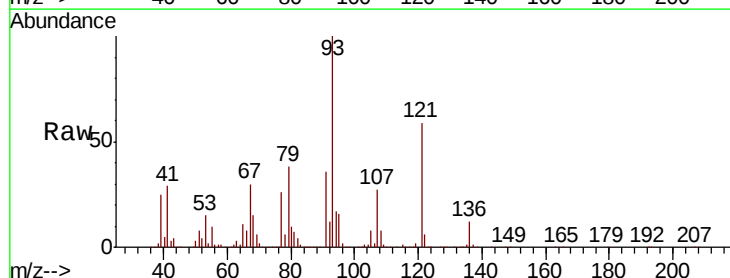
Acq: 18 Sep 2018 04:35

Tgt Ion: 75 Resp: 1157

Ion Ratio Lower Upper

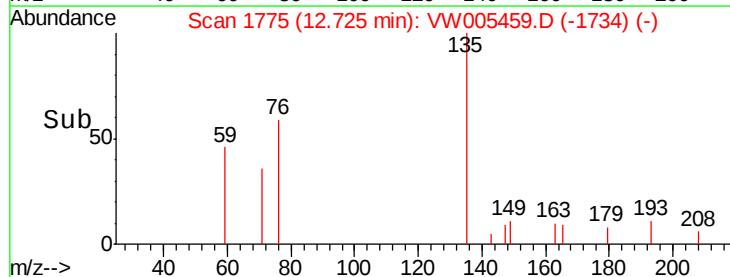
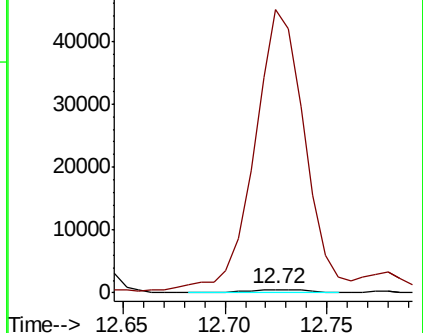
75 100

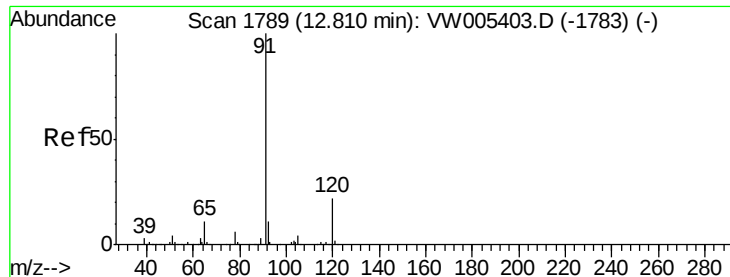
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 6.041 ug/l

RT: 12.78 min Scan# 1784

Delta R.T. -0.03 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampled :

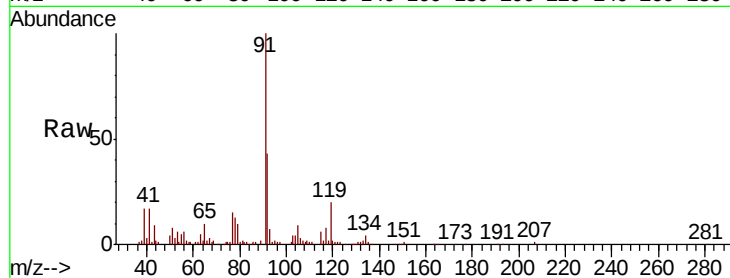
RB47195RT

Tgt Ion: 91 Resp: 35698

Ion Ratio Lower Upper

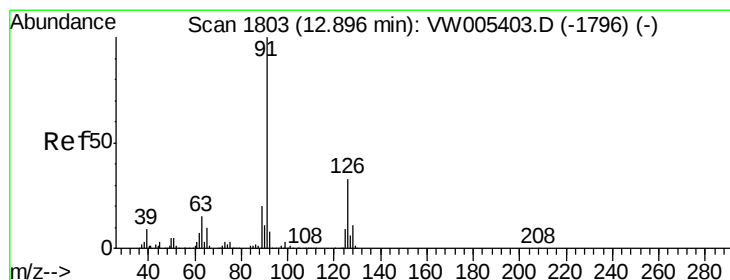
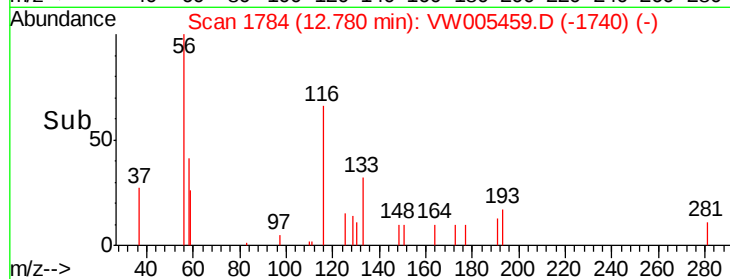
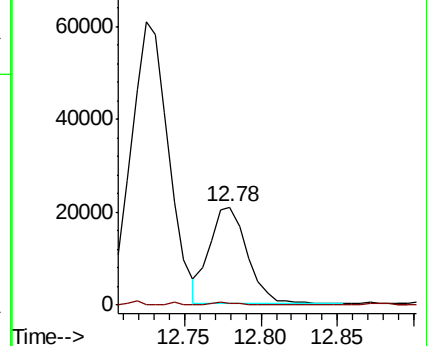
91 100

120 2.4 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: 25.899 ug/l

RT: 12.96 min Scan# 1814

Delta R.T. 0.07 min

Lab File: VW005459.D

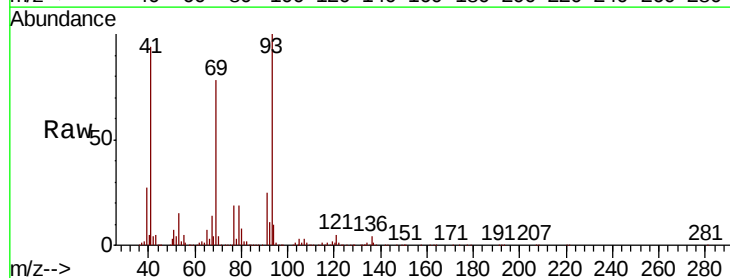
Acq: 18 Sep 2018 04:35

Tgt Ion: 91 Resp: 90298

Ion Ratio Lower Upper

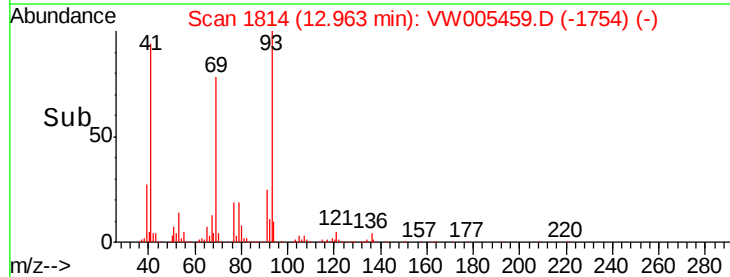
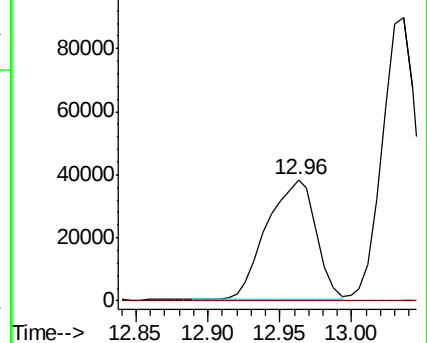
91 100

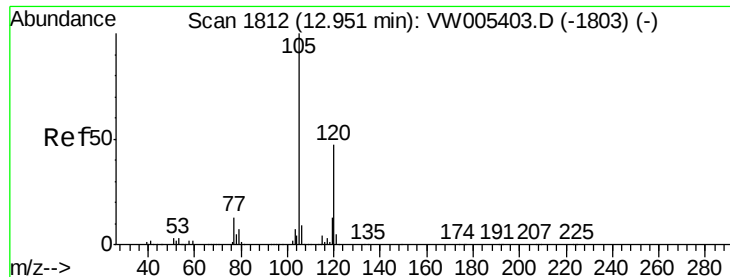
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.428 ug/l

RT: 12.96 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

Instrument :

MSVOA_W

ClientSampled :

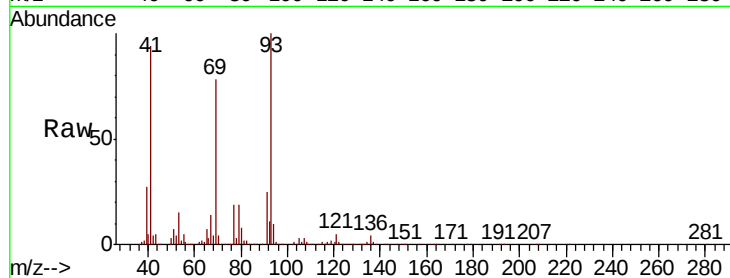
RB47195RT

Tgt Ion: 105 Resp: 10372

Ion Ratio Lower Upper

105 100

120 24.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10000

8000

6000

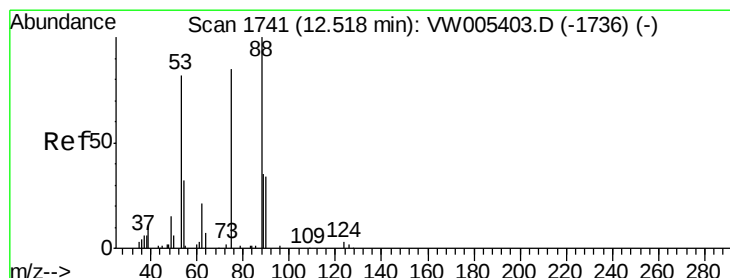
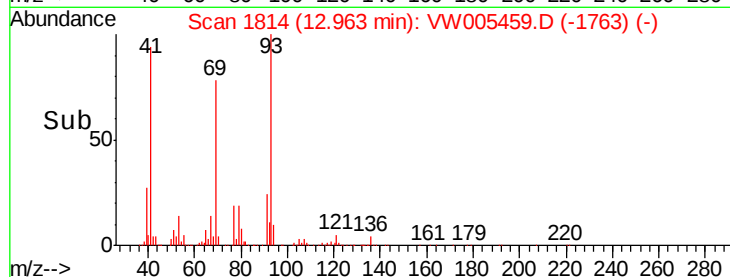
4000

2000

0

12.90 12.95 13.00

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 248.546 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. -0.04 min

Lab File: VW005459.D

Acq: 18 Sep 2018 04:35

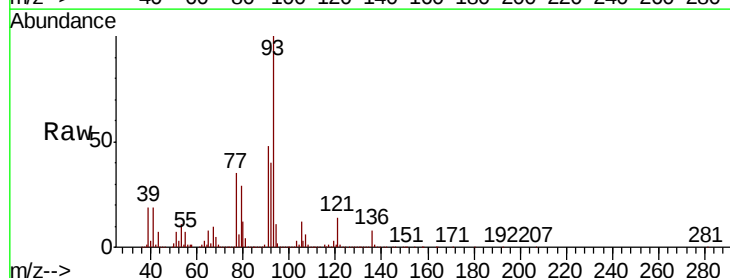
Tgt Ion: 75 Resp: 55003

Ion Ratio Lower Upper

75 100

53 2750.5 83.2 124.8#

89 189.2 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

1200000

1000000

800000

600000

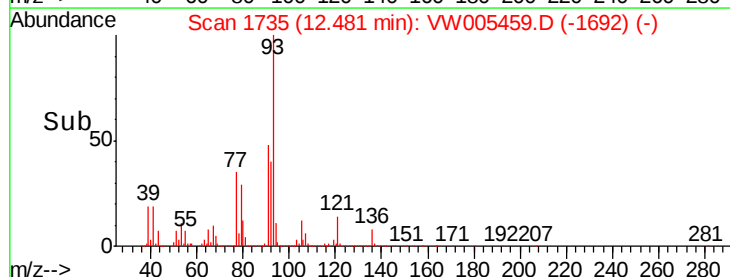
400000

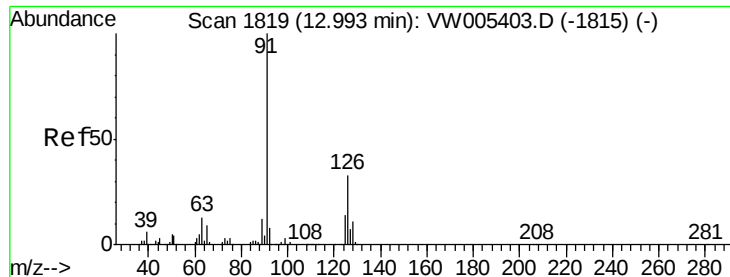
200000

0

12.40 12.45 12.50 12.55

Time-->

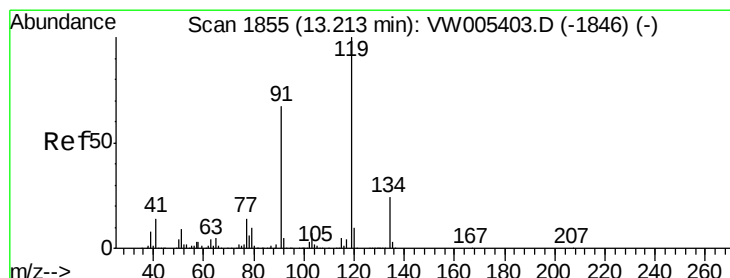
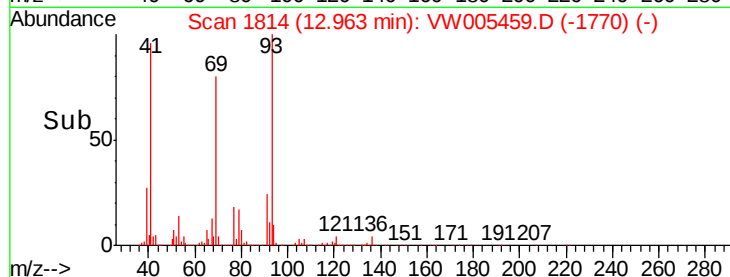
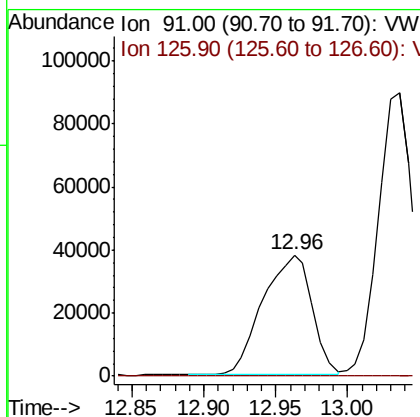
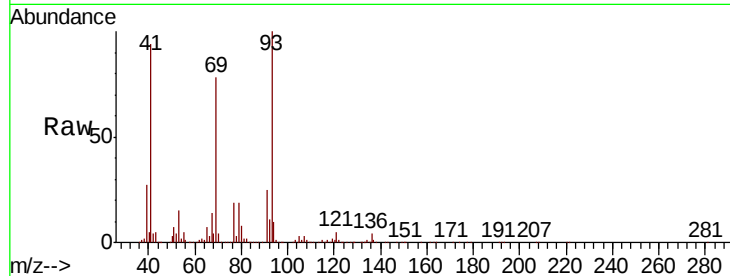




#82
4-Chlorotoluene
Concen: 24.532 ug/l
RT: 12.96 min Scan# 1814
Delta R.T. -0.03 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

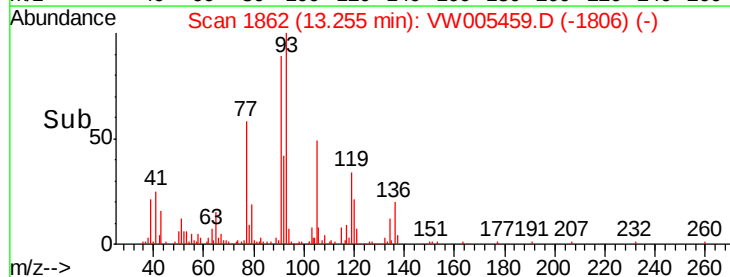
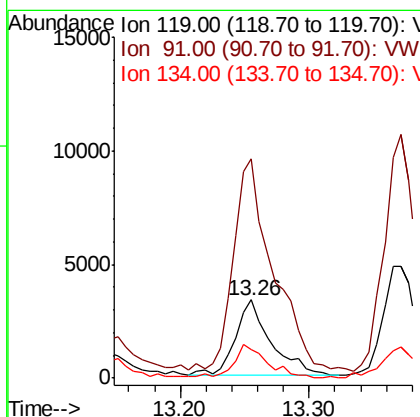
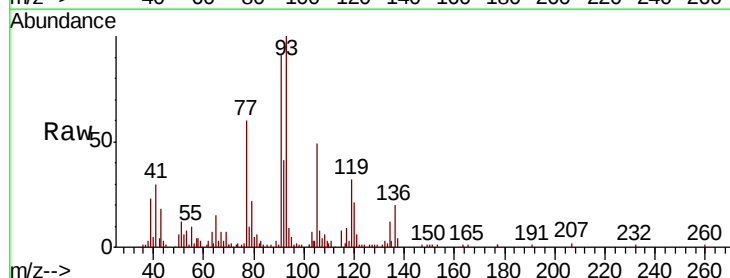
Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

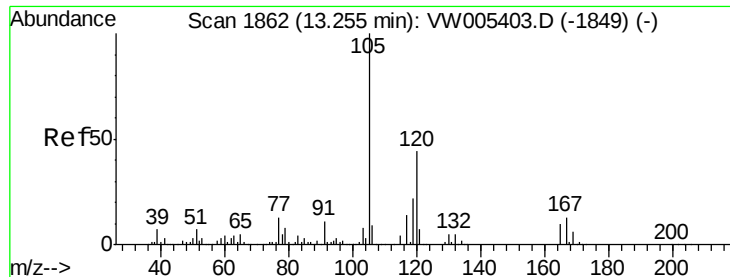
Tgt Ion: 91 Resp: 90298
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 1.801 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion: 119 Resp: 6390
Ion Ratio Lower Upper
119 100
91 315.0 34.4 103.2#
134 42.6 12.7 38.0#

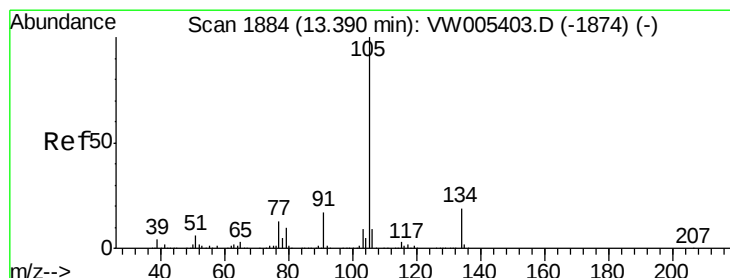
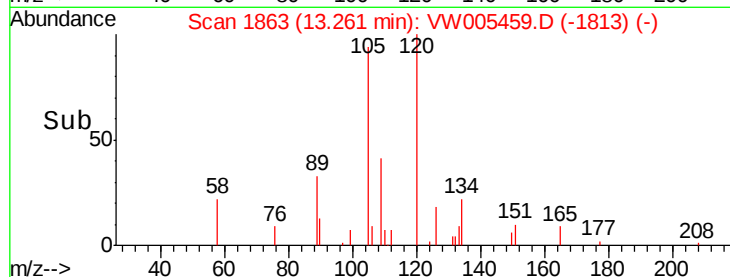
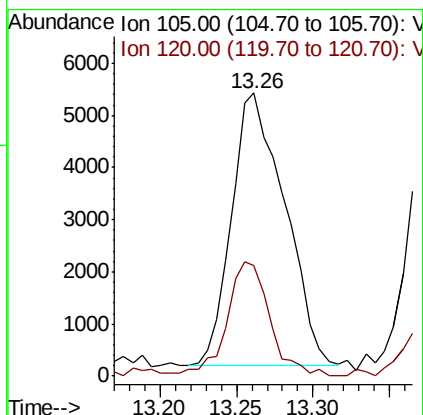
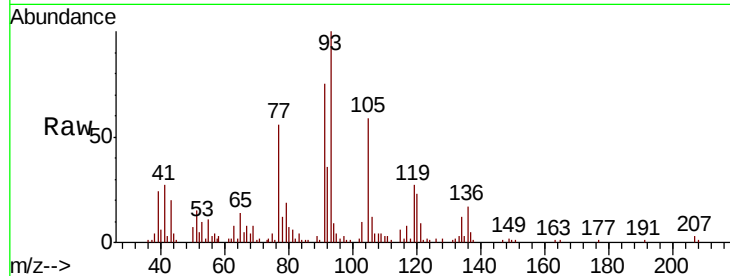




#84
 1,2,4-Trimethylbenzene
 Concen: 2.899 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

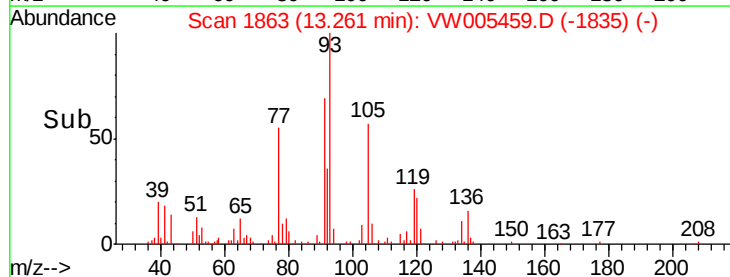
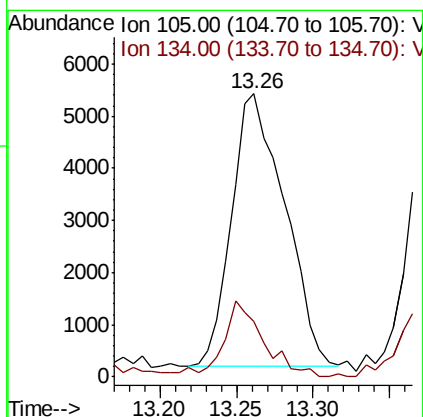
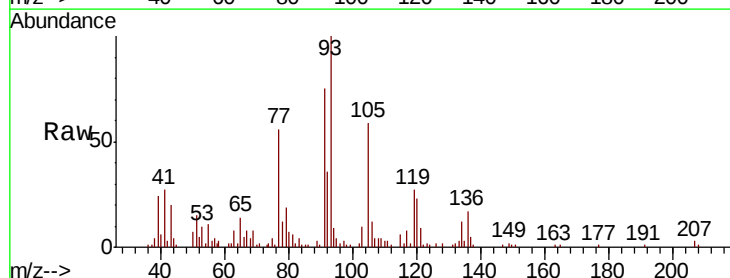
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

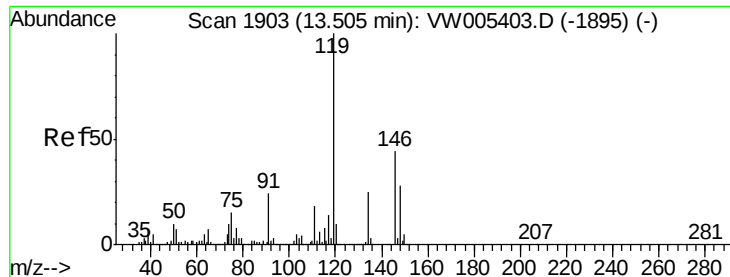
Tgt Ion:105 Resp: 12574
 Ion Ratio Lower Upper
 105 100
 120 33.7 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 2.452 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.13 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Tgt Ion:105 Resp: 12574
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.5

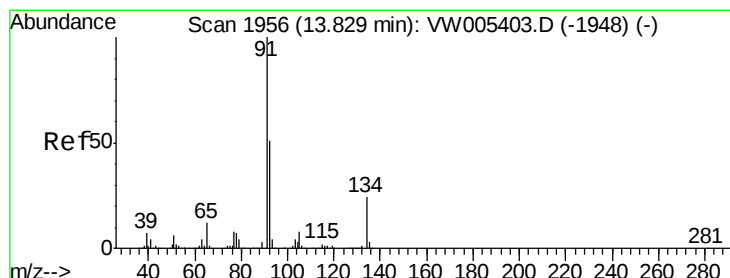
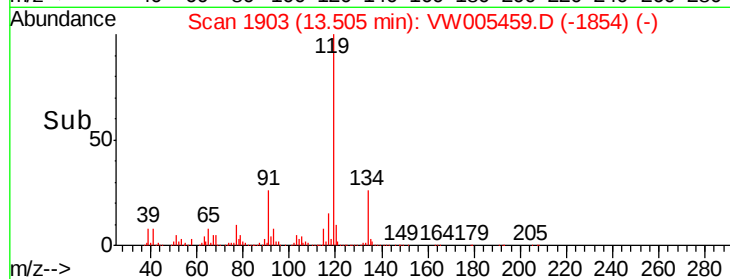
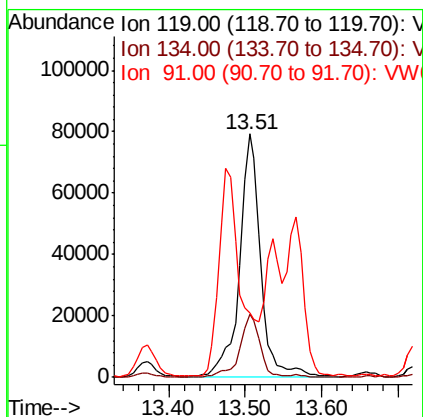
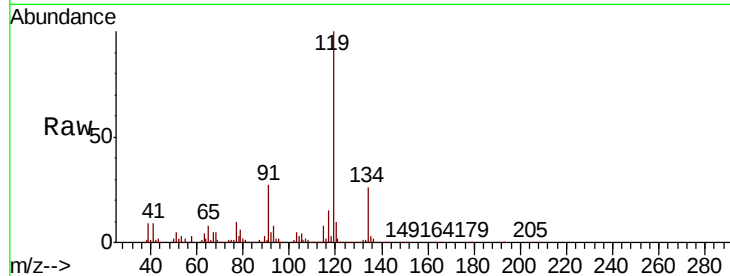




#86
 p-Isopropyltoluene
 Concen: 32.838 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

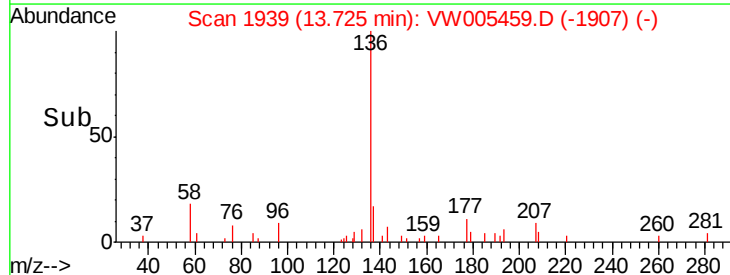
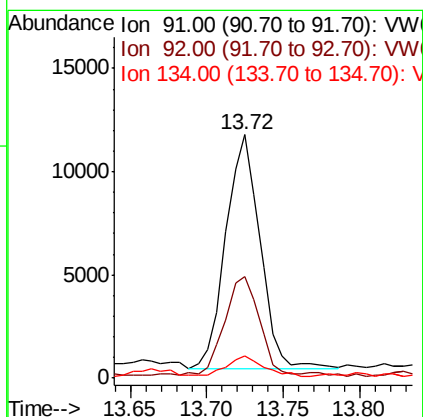
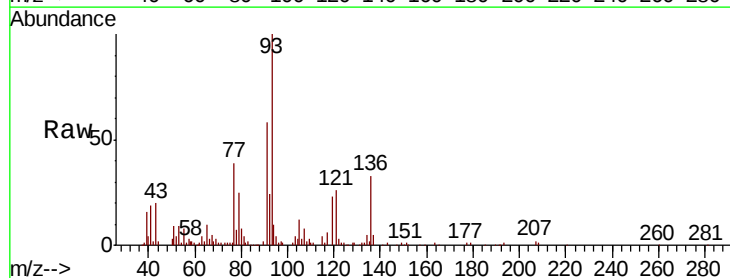
Instrument :
 MSVOA_W
 ClientSampled :
 RB47195RT

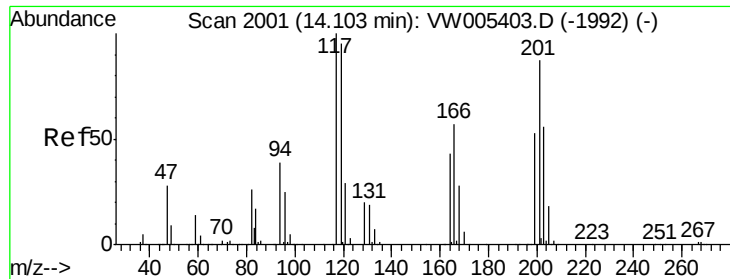
Tgt Ion: 119 Resp: 150584
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 0.0 12.0 36.0#



#89
 n-Butylbenzene
 Concen: 4.144 ug/l
 RT: 13.72 min Scan# 1939
 Delta R.T. -0.10 min
 Lab File: VW005459.D
 Acq: 18 Sep 2018 04:35

Tgt Ion: 91 Resp: 17695
 Ion Ratio Lower Upper
 91 100
 92 42.1 26.2 78.6
 134 8.8 12.7 38.1#

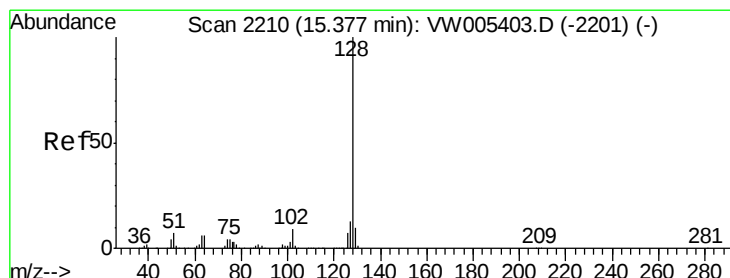
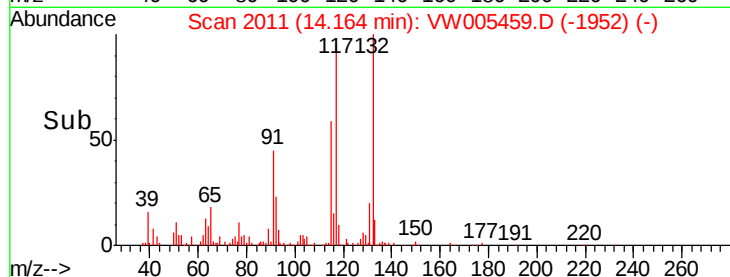
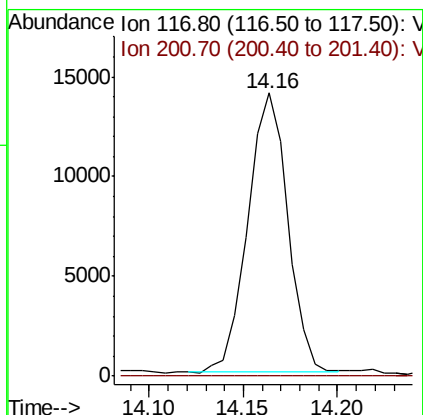
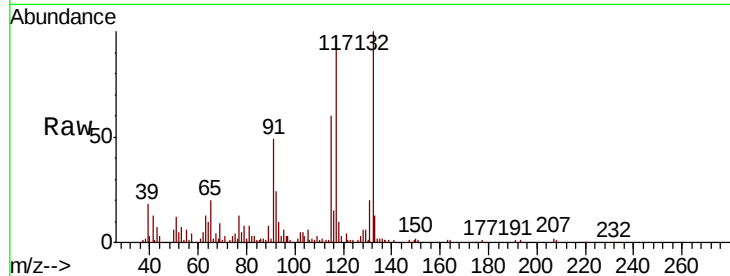




#90
Hexachloroethane
Concen: 26.033 ug/l
RT: 14.16 min Scan# 2011
Delta R.T. 0.06 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

Tgt Ion:117 Resp: 20455
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.5#



#95
Naphthalene
Concen: 3.514 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005459.D
Acq: 18 Sep 2018 04:35

Tgt Ion:128 Resp: 8017
Ion Ratio Lower Upper
128 100
127 18.4 11.0 16.4#
129 11.2 8.7 13.1

