

Data File : VW008295.D
Acq On : 15 Jan 2019 21:23
Operator : SY/VA
Sample : K1010-05
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Quant Time: Jan 16 00:56:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23289	65.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.58%	
35) Dibromofluoromethane	7.88	113	20470	58.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.14%	
50) Toluene-d8	10.32	98	74640	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	25921	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.68	74	331	1.655	ug/l #	17
11) Tert butyl alcohol	5.24	59	60	Below Cal	#	100
13) Acrolein	3.89	56	210	7.459	ug/l	94
16) Acetone	4.12	43	5050	63.596	ug/l	89
18) Methyl Acetate	4.65	43	241	1.077	ug/l	94
20) Methylene Chloride	4.90	84	5144	11.010	ug/l #	79
25) 2-Butanone	7.17	43	543	5.513	ug/l #	49
29) Tetrahydrofuran	7.54	42	242	3.678	ug/l	93
31) Cyclohexane	7.95	56	1160	1.557	ug/l #	11
32) 1,1,1-Trichloroethane	7.87	97	7351	12.754	ug/l	96
38) Carbon Tetrachloride	7.95	117	3826	6.772	ug/l #	17
39) Methylcyclohexane	9.34	83	895	1.143	ug/l #	50
41) Methacrylonitrile	7.51	41	232	1.485	ug/l #	70
48) Methyl methacrylate	9.43	41	335	1.436	ug/l #	37
49) 1,4-Dioxane	9.50	88	45	13.725	ug/l #	68
52) Toluene	10.39	92	9661	9.035	ug/l	96
55) 1,1,2-Trichloroethane	10.76	97	809	2.826	ug/l #	27
56) Ethyl methacrylate	10.66	69	467	1.317	ug/l #	1
67) Ethyl Benzene	11.73	91	54994	26.888	ug/l	99
68) m/p-Xylenes	11.83	106	132470	169.687	ug/l	100
69) o-Xylene	12.16	106	82648	114.323	ug/l	95
70) Styrene	12.16	104	4748	4.193	ug/l #	1
73) Isopropylbenzene	12.46	105	54249	29.671	ug/l	99
74) N-amyl acetate	12.26	43	14529	35.884	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.69	83	1144	3.909	ug/l #	26
76) 1,2,3-Trichloropropane	12.81	75	1371	6.458	ug/l #	1
78) n-propylbenzene	12.80	91	194249	86.710	ug/l	100
79) 2-Chlorotoluene	12.87	91	51243	41.000	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	244748	162.900	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.46	75	916	10.048	ug/l #	1
82) 4-Chlorotoluene	12.94	91	28868	21.931	ug/l #	44
83) tert-Butylbenzene	13.21	119	6349	4.777	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	1011227	652.579	ug/l	98
85) sec-Butylbenzene	13.39	105	96571	49.598	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011519\
Quantitation Report (Not Reviewed)

Data File : VW008295.D
Acq On : 15 Jan 2019 21:23
Operator : SY/VA
Sample : K1010-05
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Quant Time: Jan 16 00:56:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

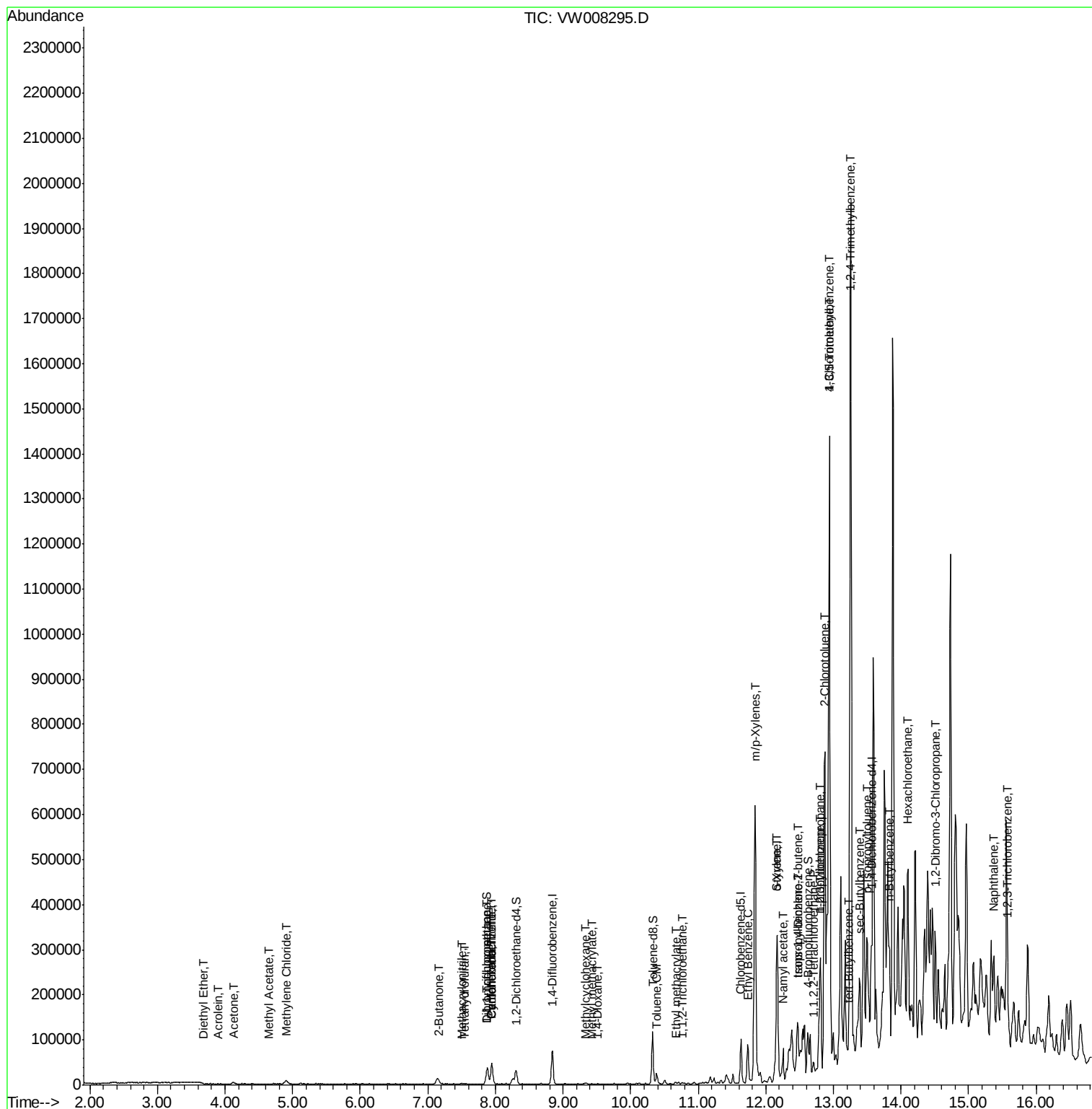
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.50	119	85571	50.893	ug/l	98
89) n-Butylbenzene	13.83	91	157471	95.625	ug/l #	72
90) Hexachloroethane	14.10	117	18204	64.100	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.51	75	339	7.198	ug/l #	17
95) Naphthalene	15.37	128	148779	174.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	721	1.850	ug/l #	13

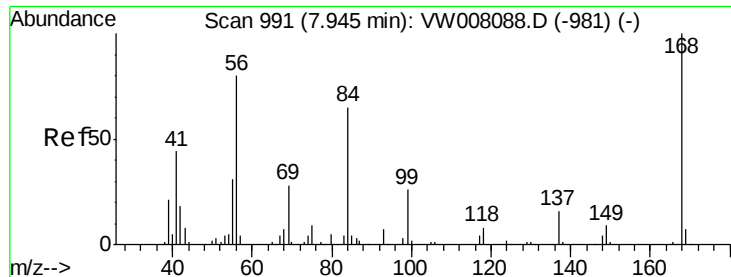
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008295.D
Acq On : 15 Jan 2019 21:23
Operator : SY/VA
Sample : K1010-05
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Quant Time: Jan 16 00:56:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

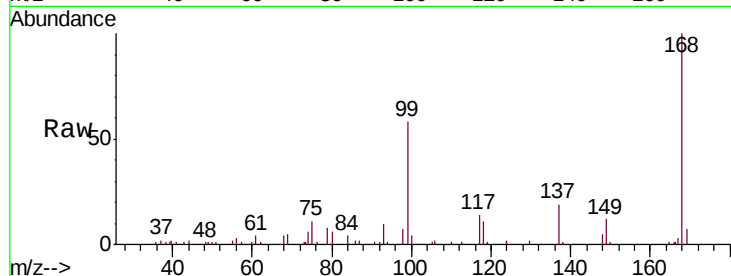
OK-01-011519-B

Tgt Ion:168 Resp: 31496

Ion Ratio Lower Upper

168 100

99 57.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

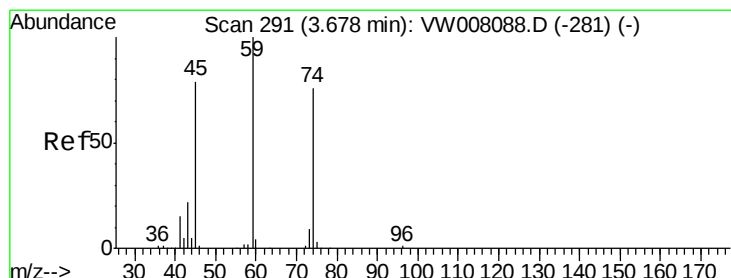
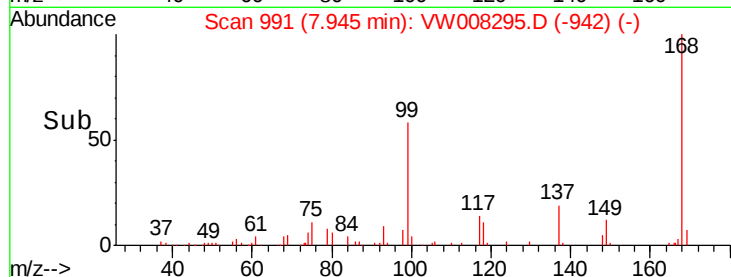
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.655 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008295.D

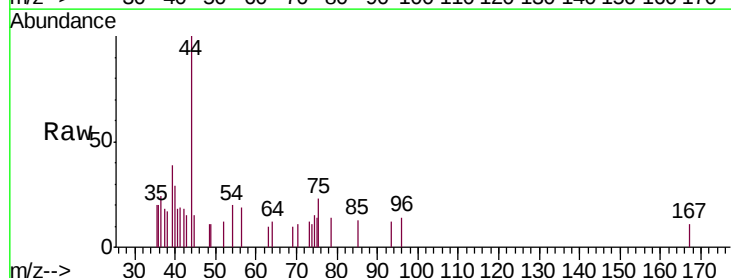
Acq: 15 Jan 2019 21:23

Tgt Ion: 74 Resp: 331

Ion Ratio Lower Upper

74 100

45 19.3 52.4 157.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

300

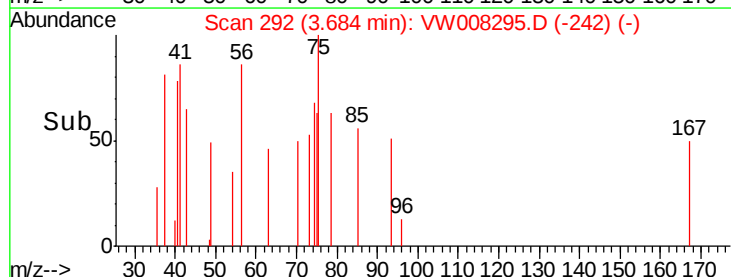
200

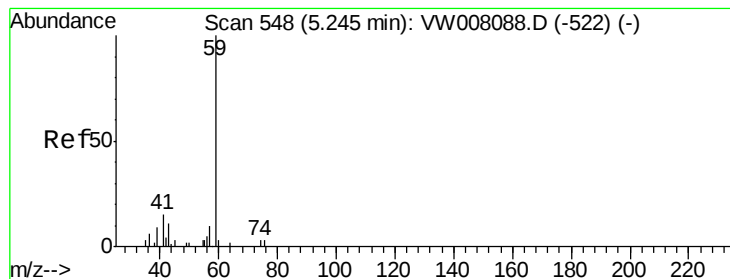
100

0

3.65 3.70

Time-->



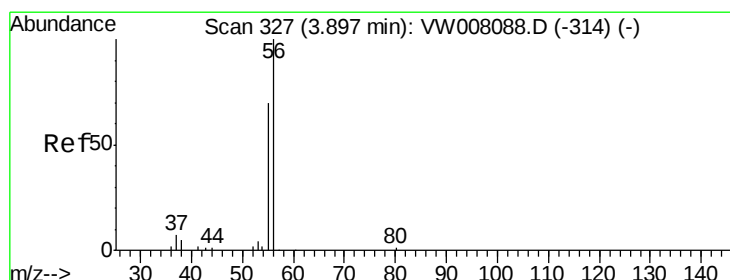
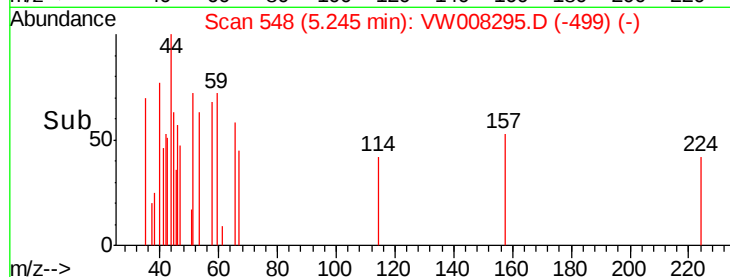
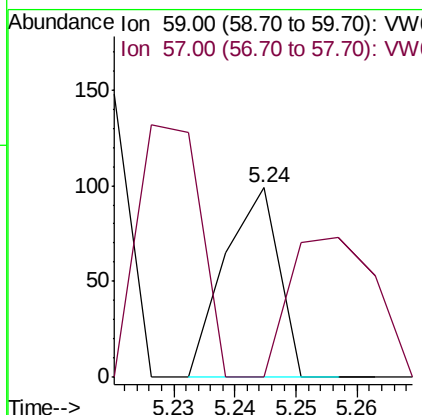
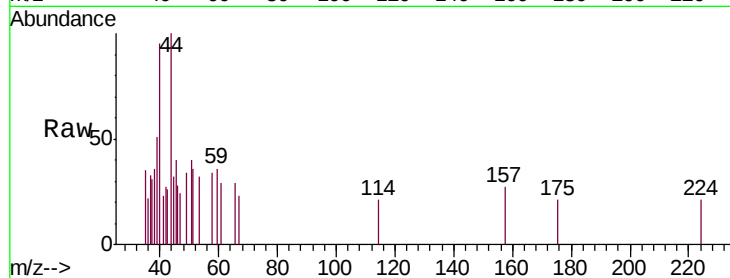


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

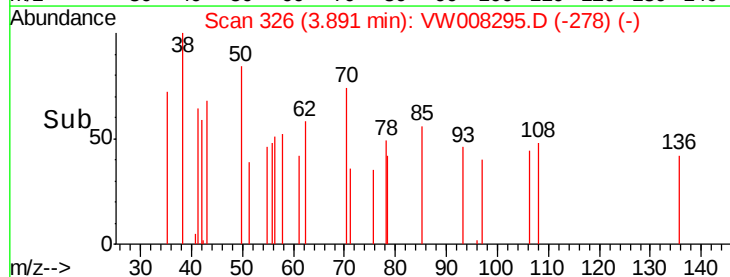
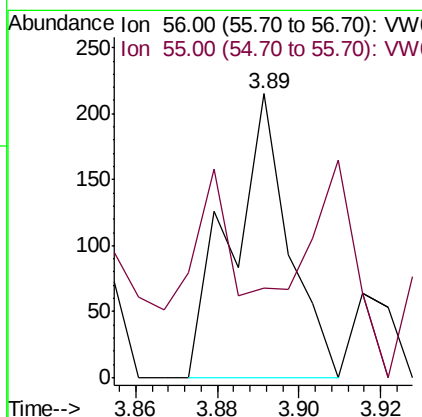
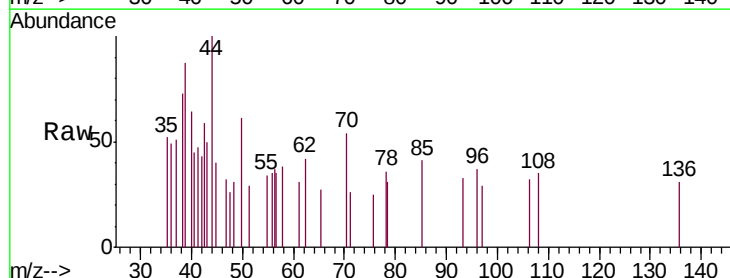
Tgt Ion: 59 Resp: 60
 Ion Ratio Lower Upper
 59 100
 57 120.0 0.0 0.0#

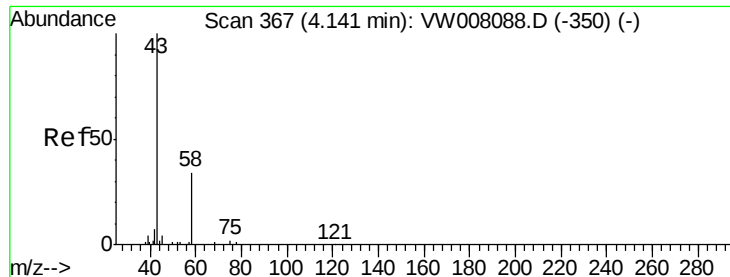


#13

Acrolein
 Concen: 7.459 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion: 56 Resp: 210
 Ion Ratio Lower Upper
 56 100
 55 75.7 56.6 84.8

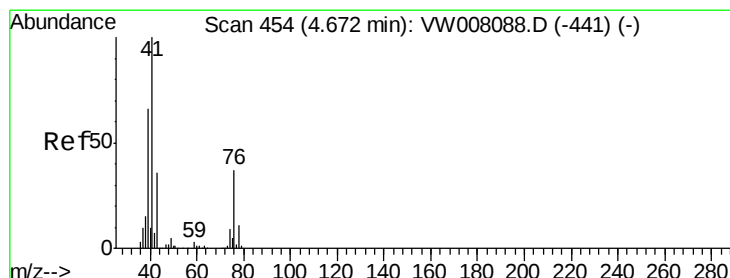
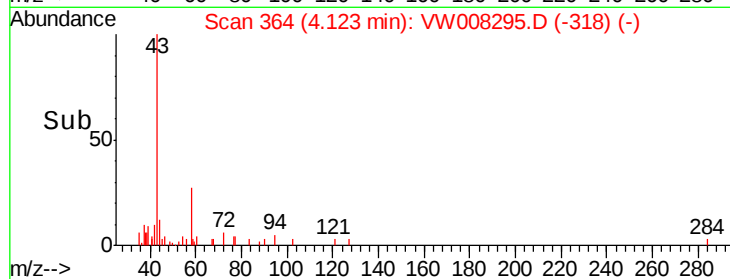
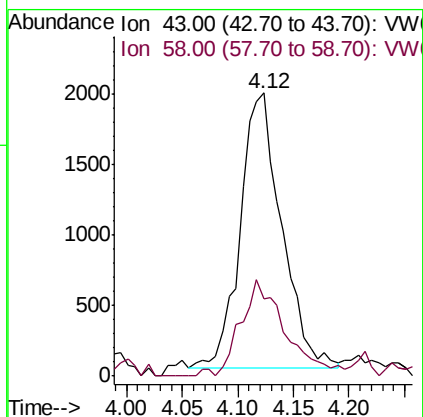
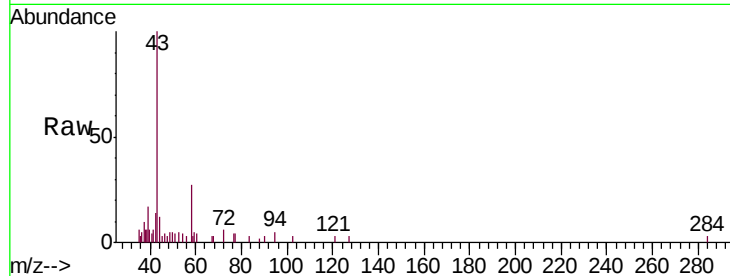




#16
Acetone
Concen: 63.596 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

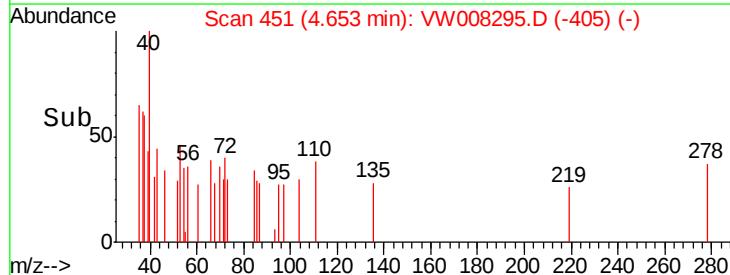
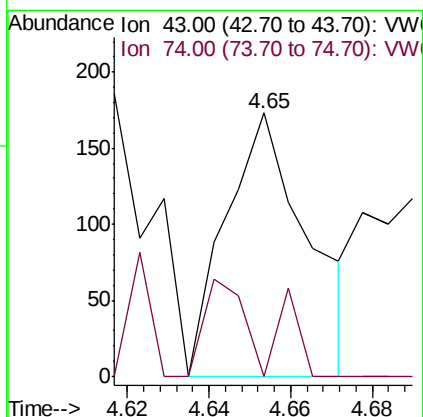
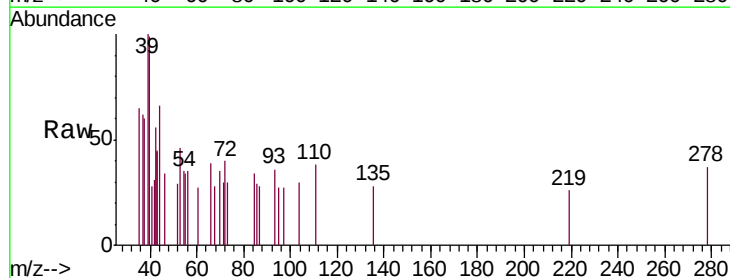
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

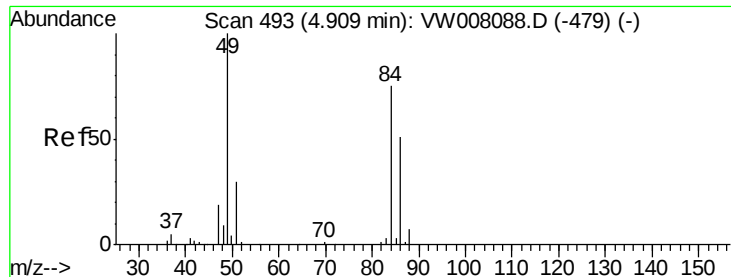
Tgt Ion: 43 Resp: 5050
Ion Ratio Lower Upper
43 100
58 27.9 27.5 41.3



#18
Methyl Acetate
Concen: 1.077 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.02 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 26.6 19.0 28.4

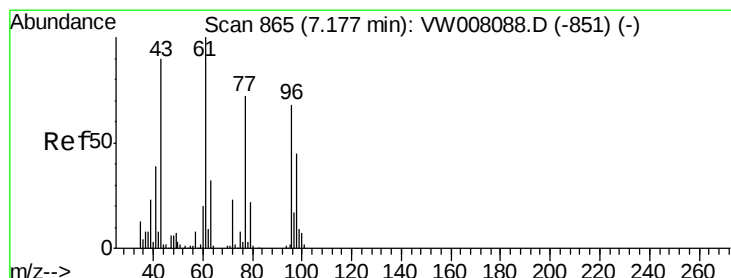
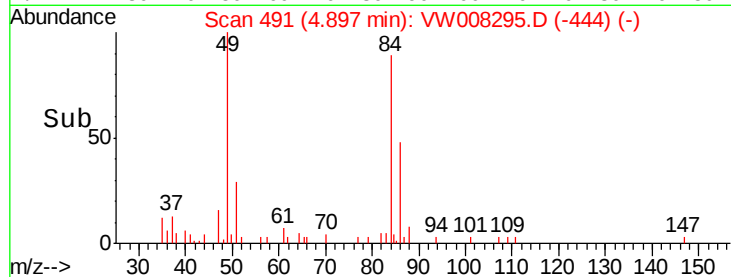
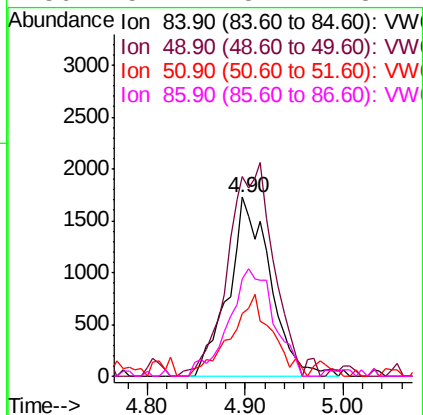
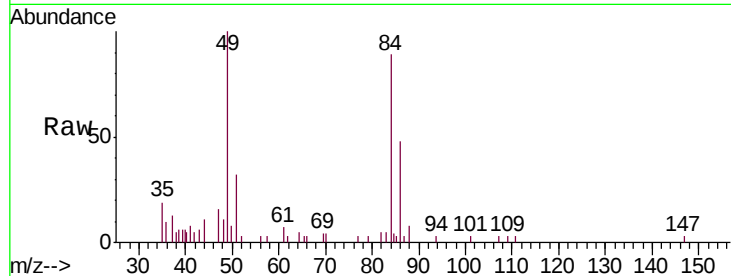




#20
Methylene Chloride
Concen: 11.010 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

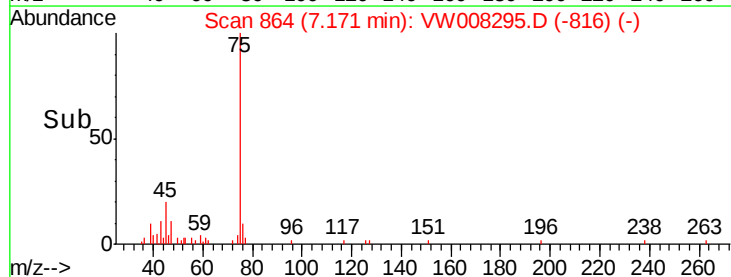
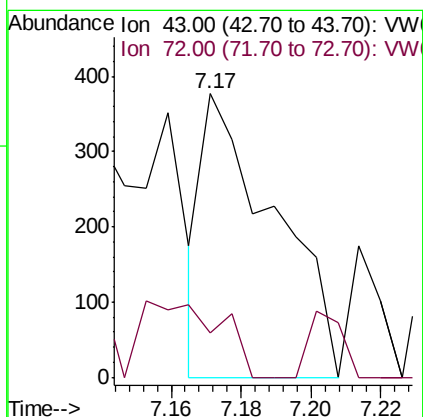
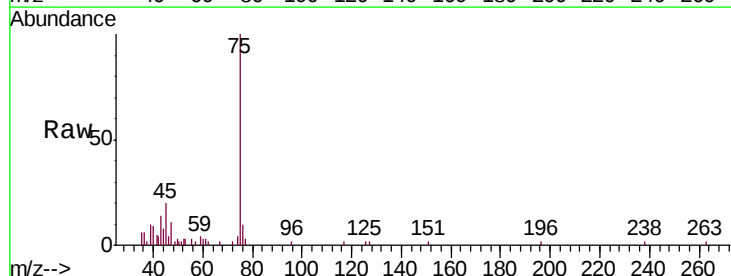
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

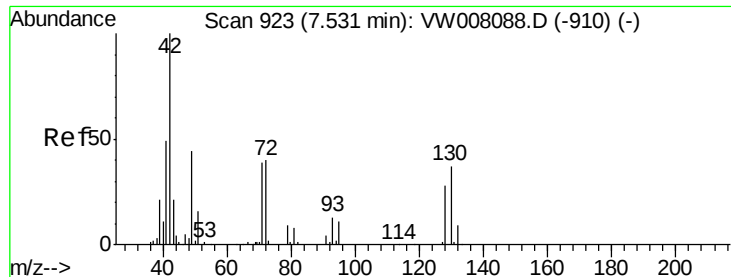
Tgt Ion: 84 Resp: 5144
Ion Ratio Lower Upper
84 100
49 103.9 107.1 160.7#
51 33.7 32.4 48.6
86 51.7 54.2 81.4#



#25
2-Butanone
Concen: 5.513 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

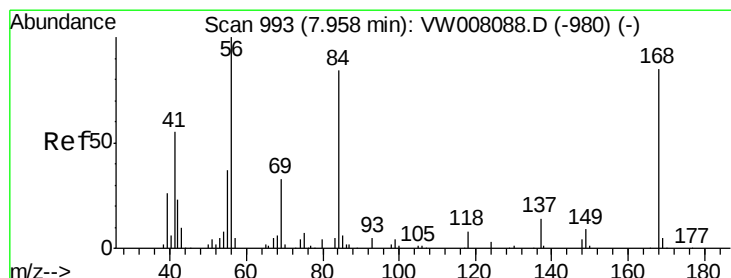
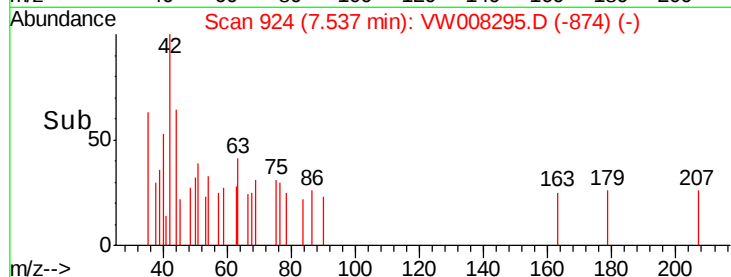
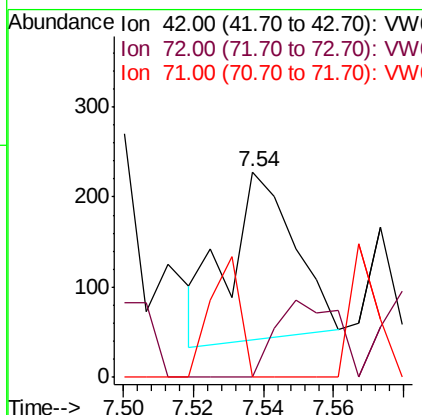
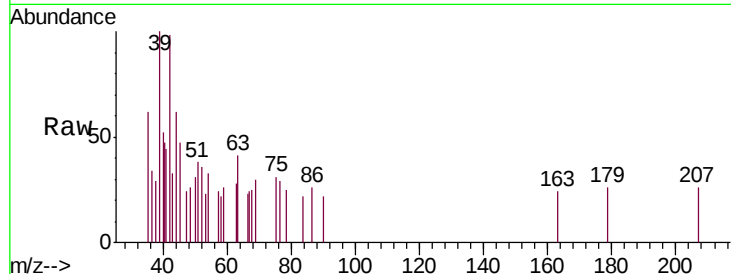




#29
Tetrahydrofuran
Concen: 3.678 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

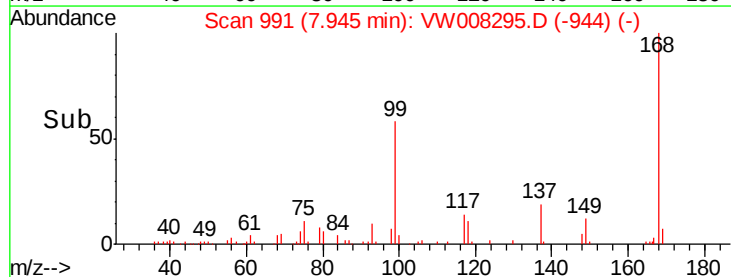
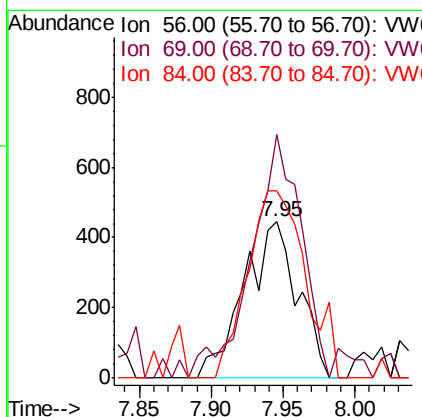
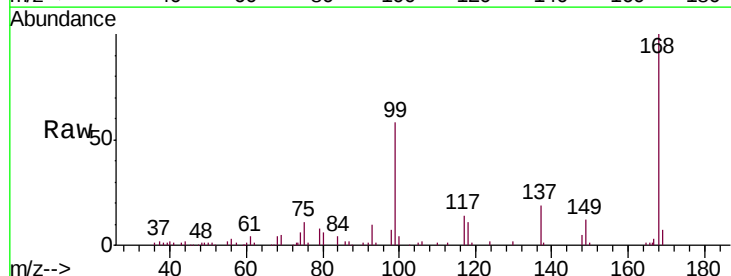
Instrument :
MSVOA_W
ClientSampled :
OK-01-011519-B

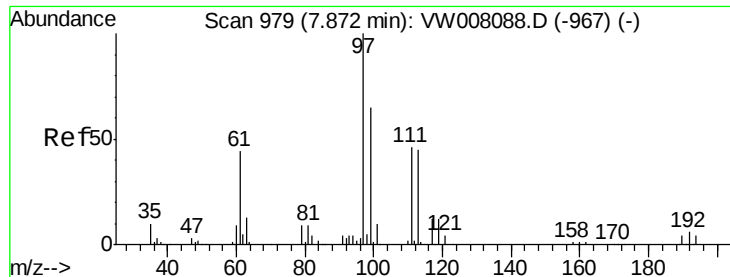
Tgt Ion: 42 Resp: 242
Ion Ratio Lower Upper
42 100
72 43.4 32.4 48.6
71 33.1 31.3 46.9



#31
Cyclohexane
Concen: 1.557 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 56 Resp: 1160
Ion Ratio Lower Upper
56 100
69 155.7 26.2 39.4#
84 119.8 67.4 101.2#





#32

1,1,1-Trichloroethane

Concen: 12.754 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

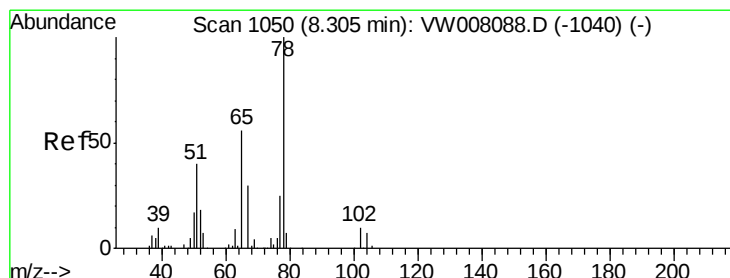
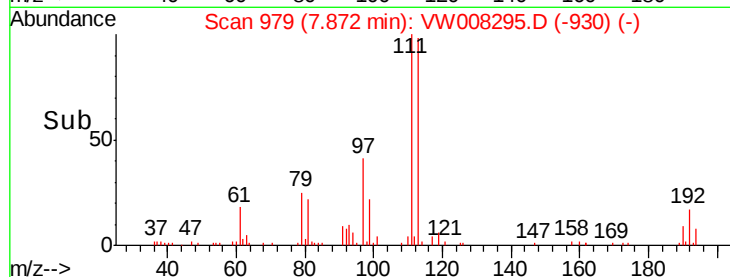
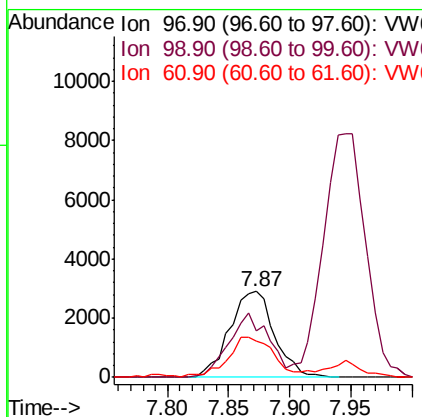
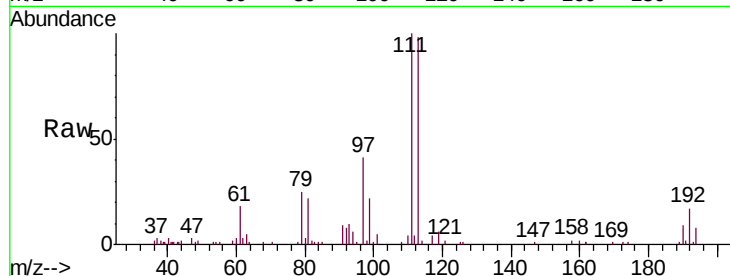
Tgt Ion: 97 Resp: 7351

Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.0

61 47.7 35.6 53.4



#33

1,2-Dichloroethane-d4

Concen: 65.790 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008295.D

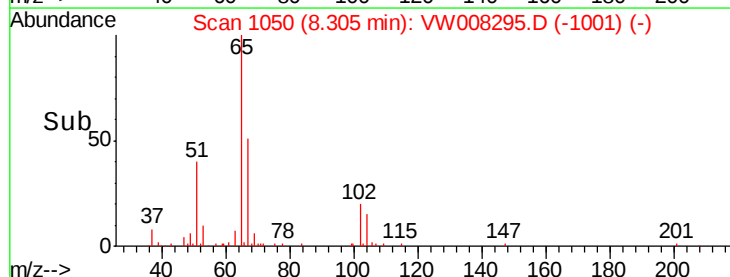
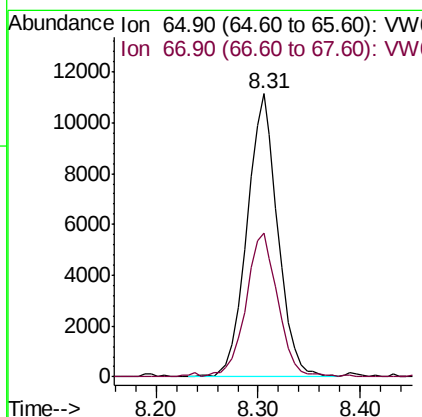
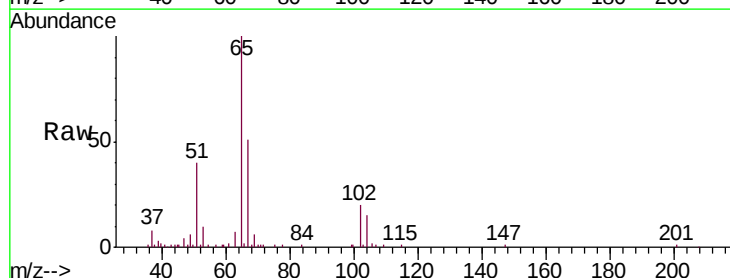
Acq: 15 Jan 2019 21:23

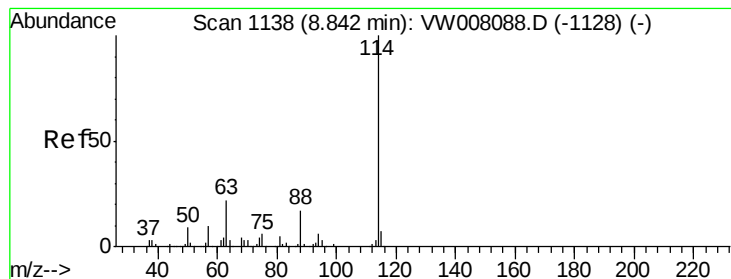
Tgt Ion: 65 Resp: 23289

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

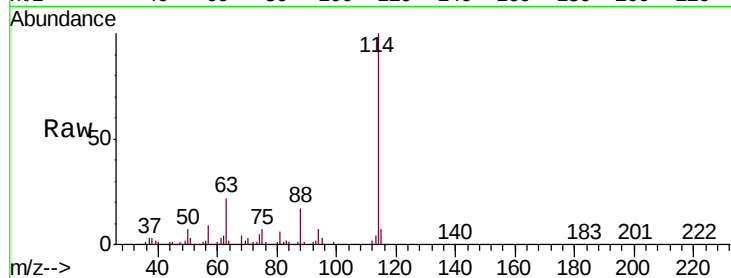
Tgt Ion:114 Resp: 59925

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

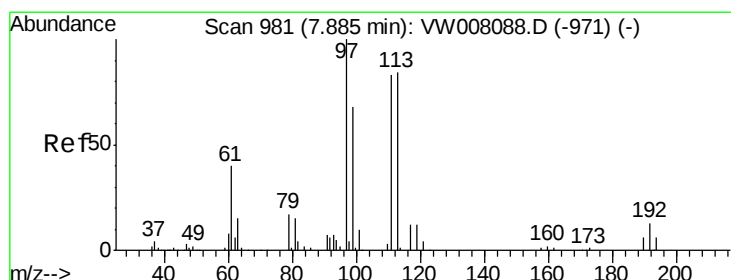
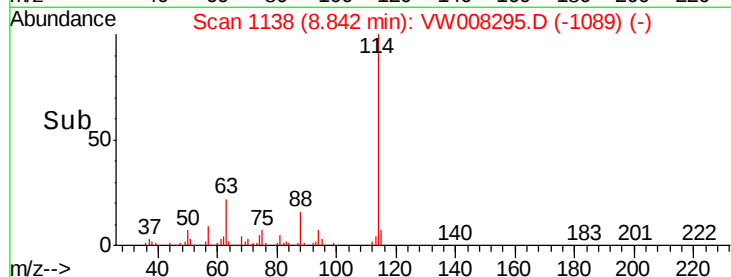
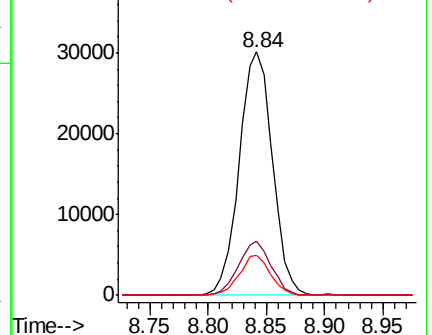
88 16.5 0.0 33.4



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: 58.568 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

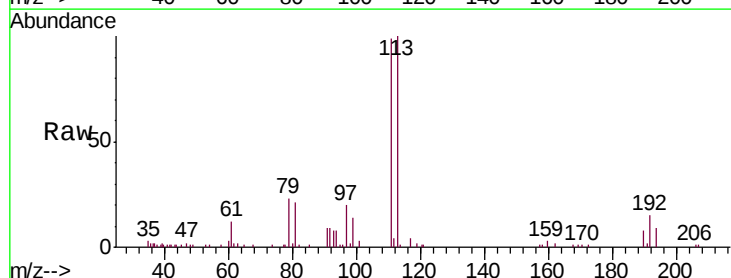
Tgt Ion:113 Resp: 20470

Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.8

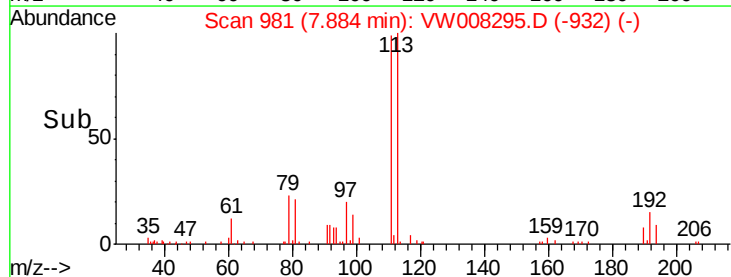
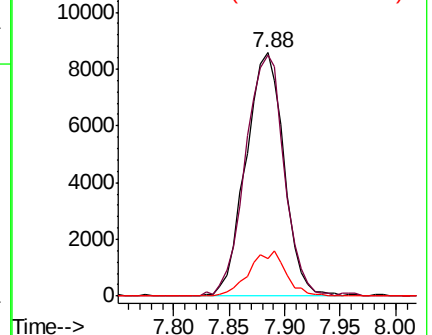
192 17.9 12.8 19.2

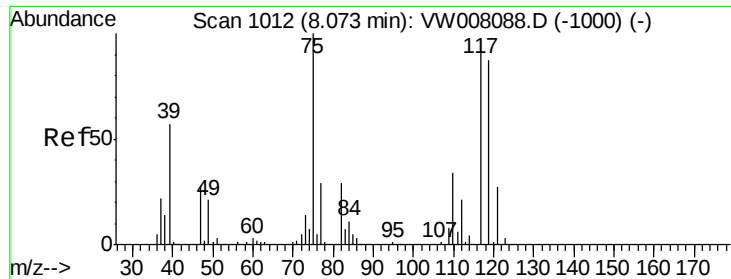


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.772 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

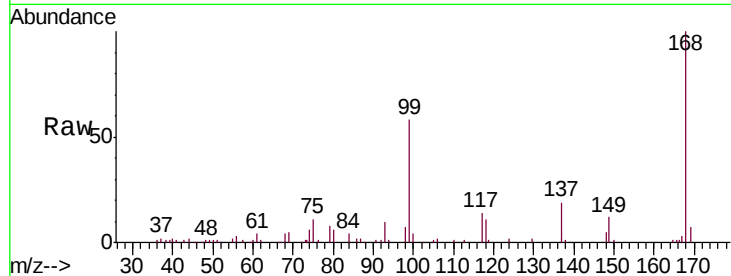
Tgt Ion:117 Resp: 3826

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.8#

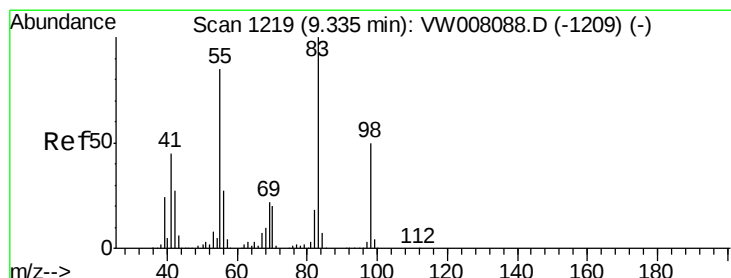
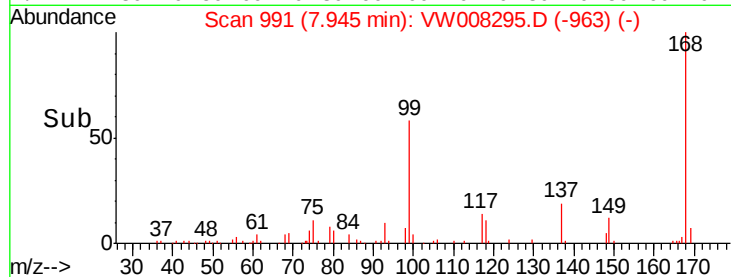
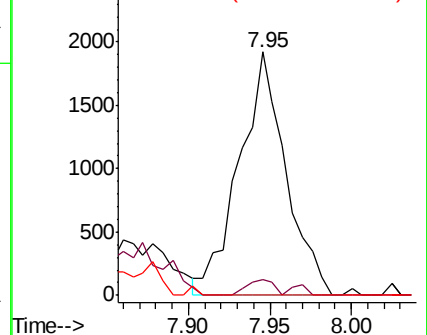
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.143 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

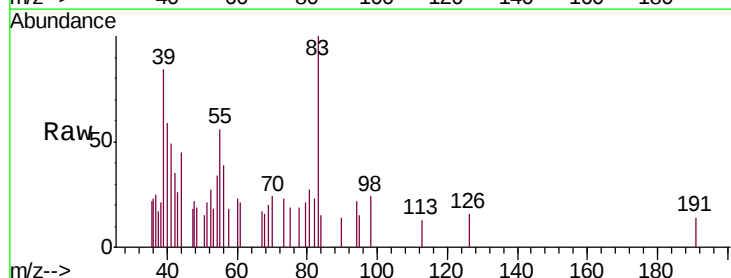
Tgt Ion: 83 Resp: 895

Ion Ratio Lower Upper

83 100

55 33.4 67.8 101.6#

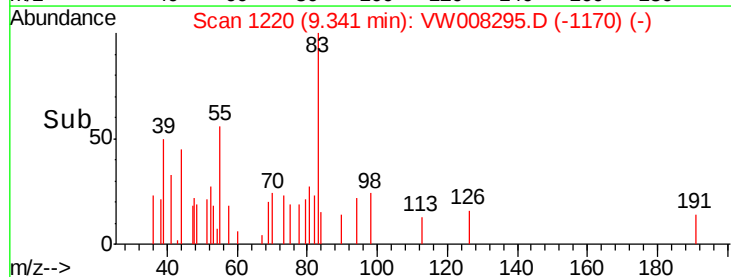
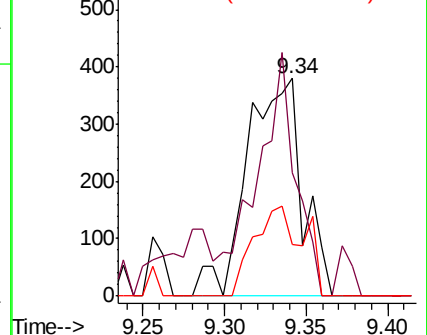
98 23.9 40.2 60.4#

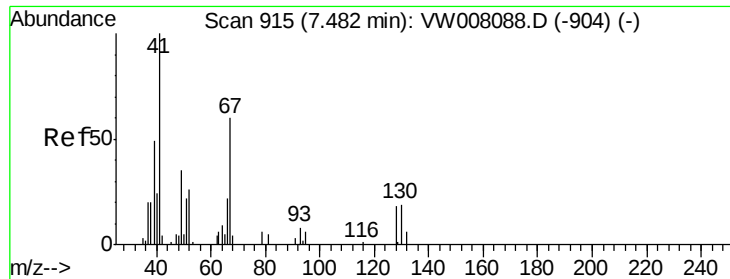


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

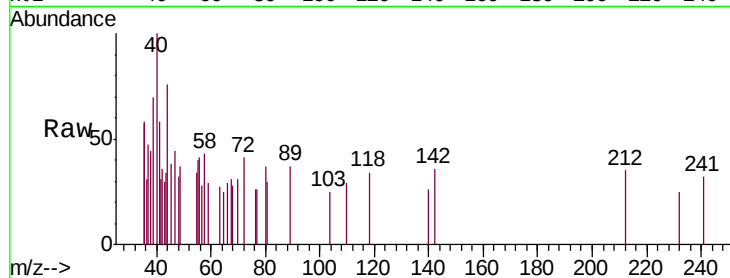




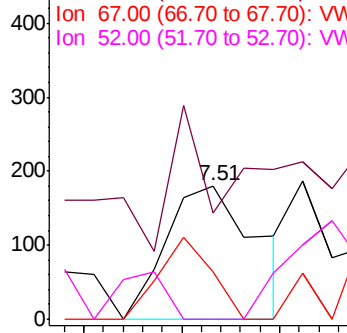
#41
Methacrylonitrile
Concen: 1.485 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

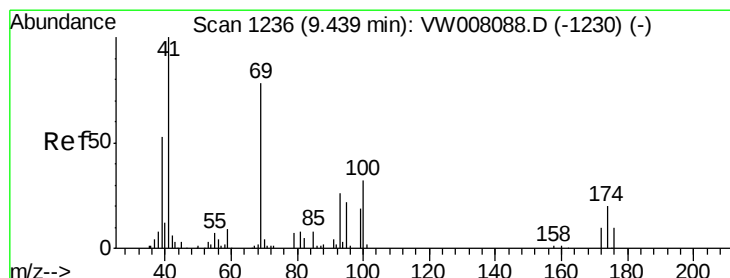
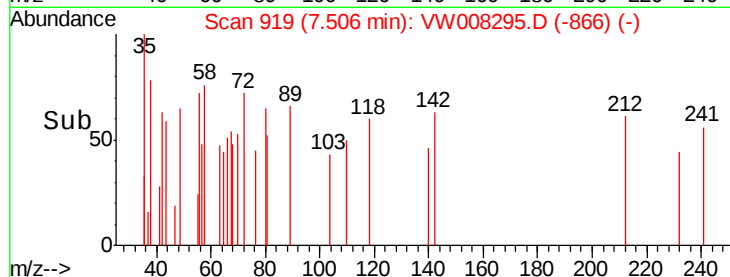
Tgt Ion:	41	Resp:	232
Ion	Ratio	Lower	Upper
41	100		
39	74.1	47.9	71.9#
67	35.8	56.3	84.5#
52	18.1	24.5	36.7#



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

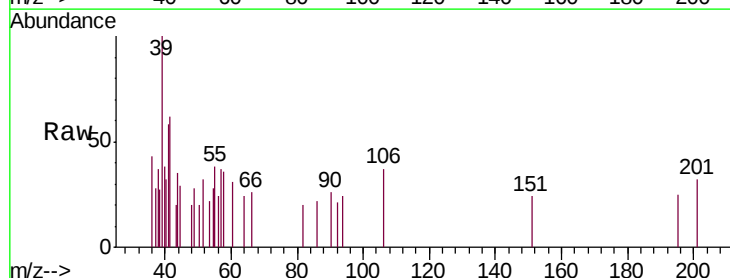


Time-->

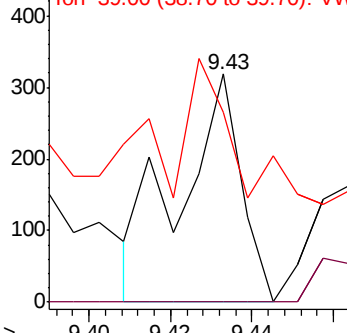


#48
Methyl methacrylate
Concen: 1.436 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

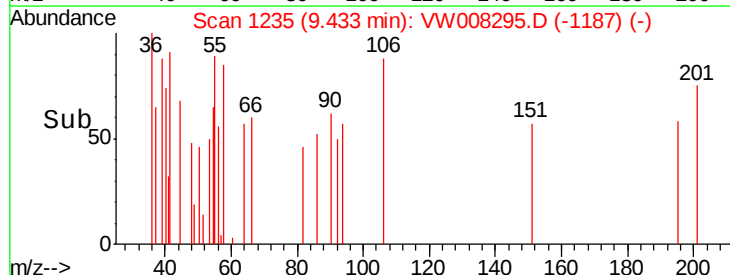
Tgt Ion:	41	Resp:	335
Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.9	92.9#
39	70.7	43.0	64.4#

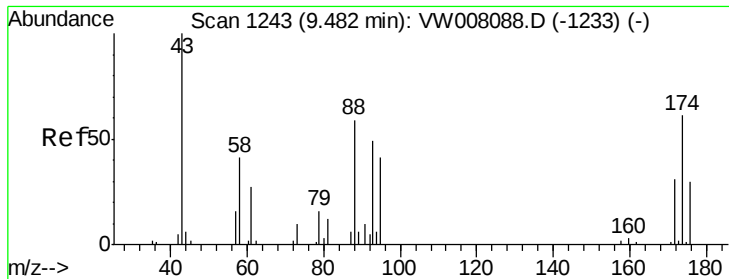


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW



Time-->





#49

1,4-Dioxane

Concen: 13.725 ug/l

RT: 9.50 min Scan# 1246

Delta R.T. 0.02 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

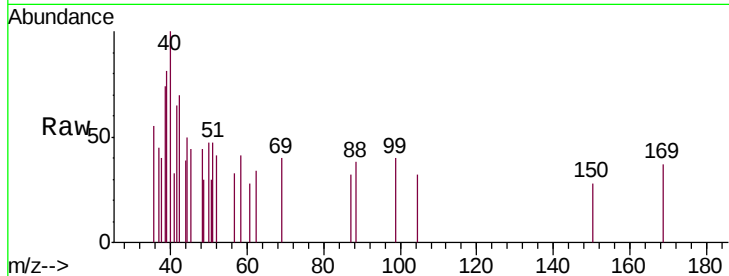
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 100.0 0.0 0.0#

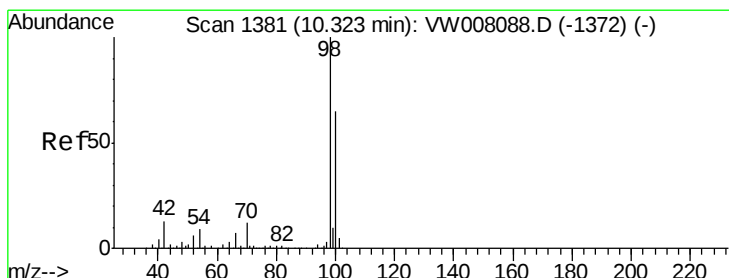
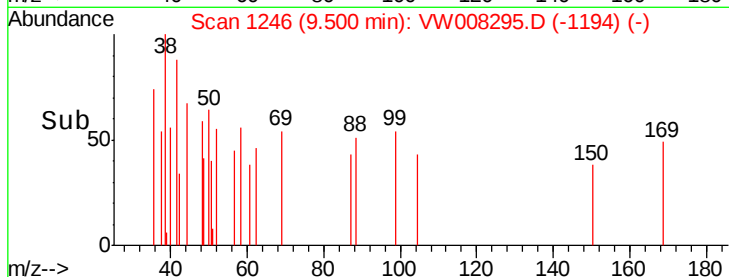
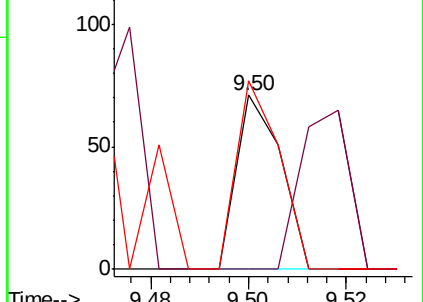
58 104.4 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.891 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008295.D

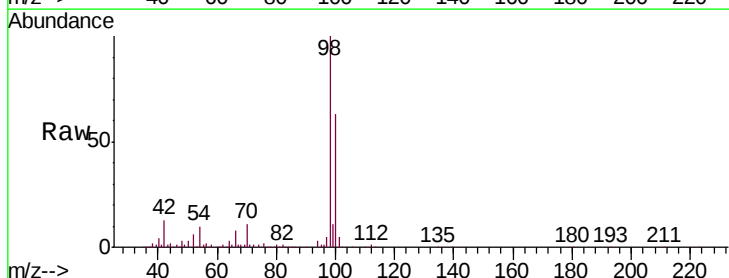
Acq: 15 Jan 2019 21:23

Tgt Ion: 98 Resp: 74640

Ion Ratio Lower Upper

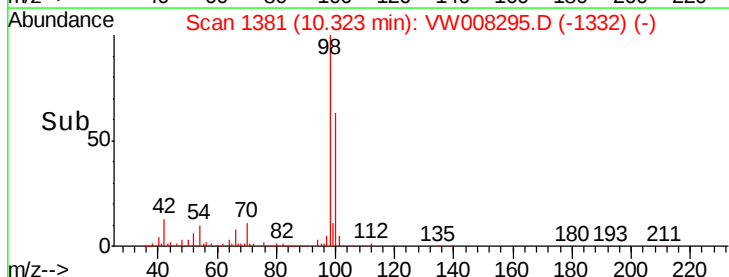
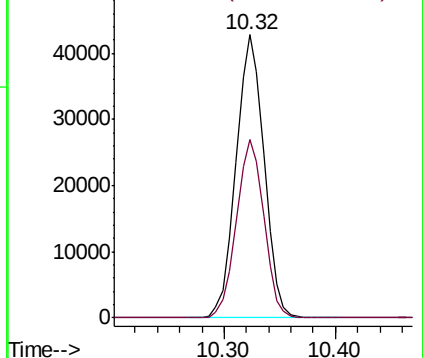
98 100

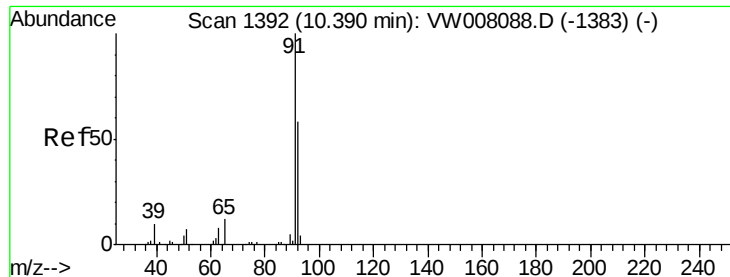
100 61.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 9.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

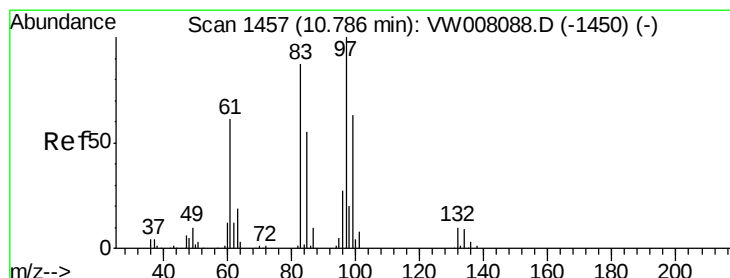
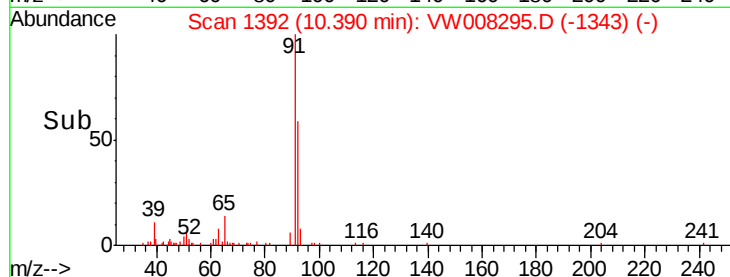
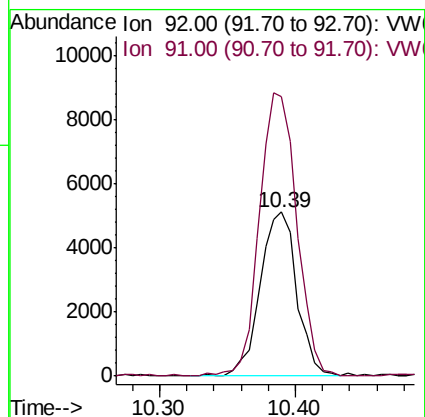
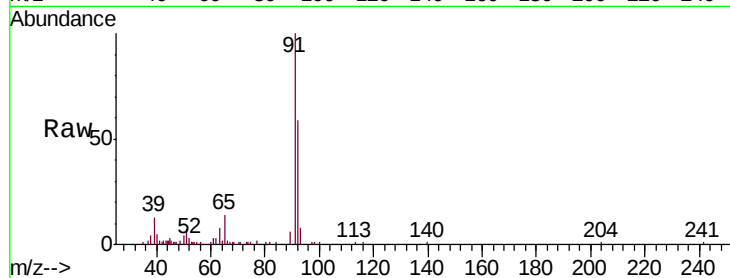
OK-01-011519-B

Tgt Ion: 92 Resp: 9661

Ion Ratio Lower Upper

92 100

91 176.0 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 2.826 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Tgt Ion: 97 Resp: 809

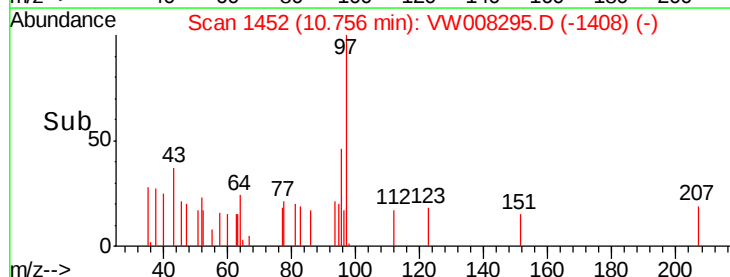
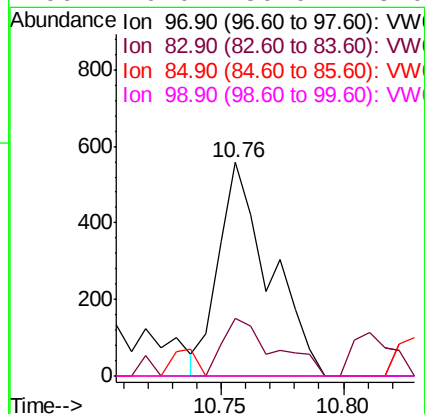
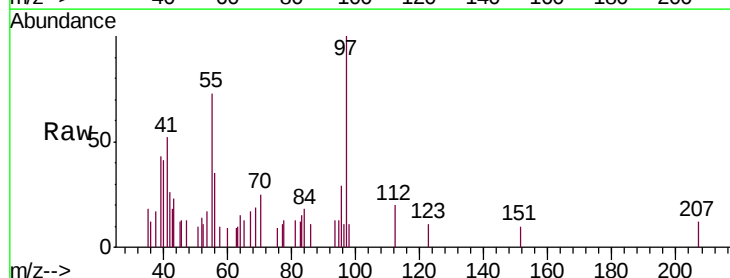
Ion Ratio Lower Upper

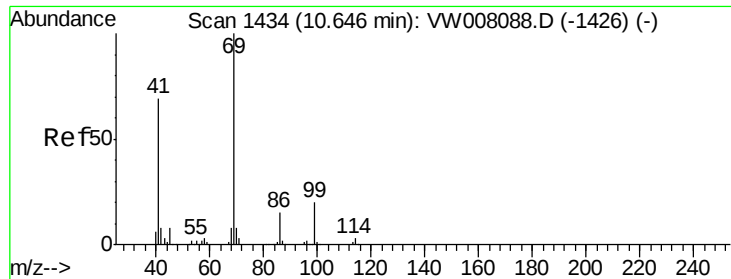
97 100

83 26.9 69.3 103.9#

85 0.0 43.8 65.6#

99 0.0 50.0 75.0#

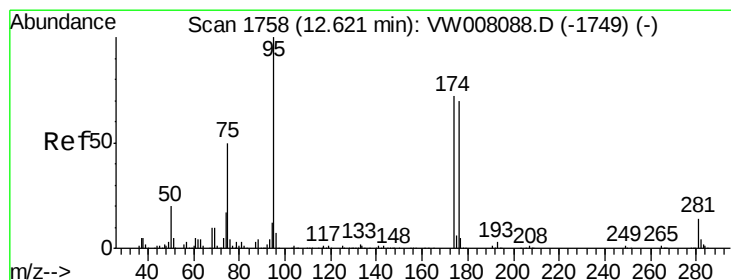
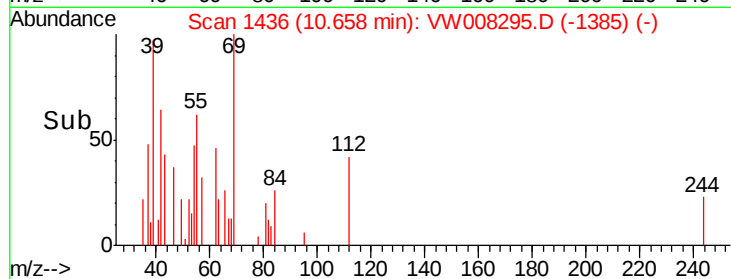
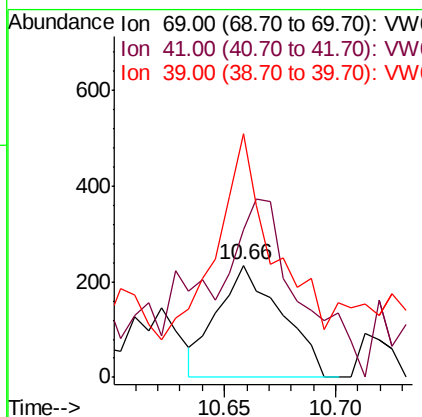
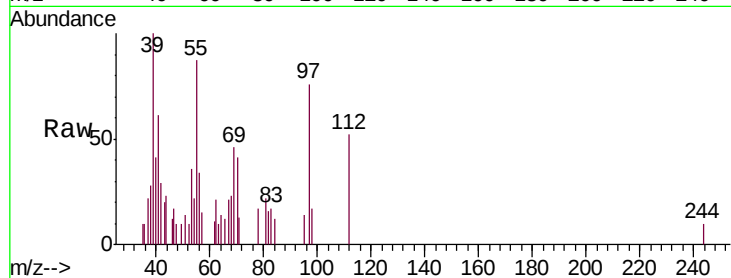




#56
 Ethyl methacrylate
 Concen: 1.317 ug/l
 RT: 10.66 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

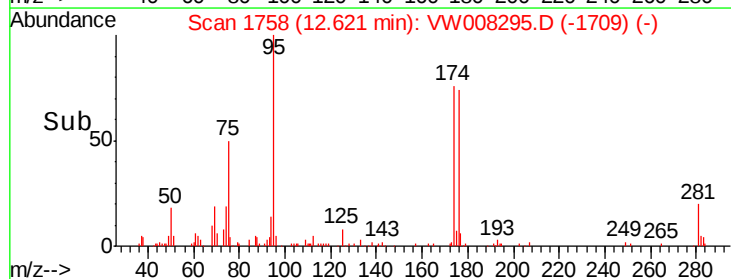
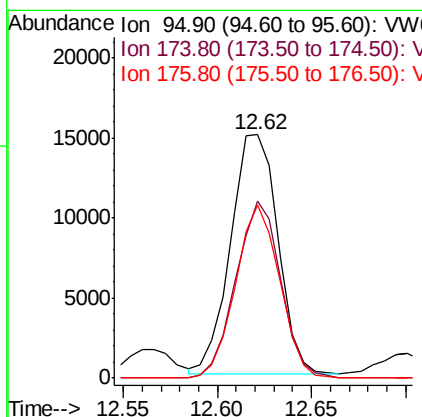
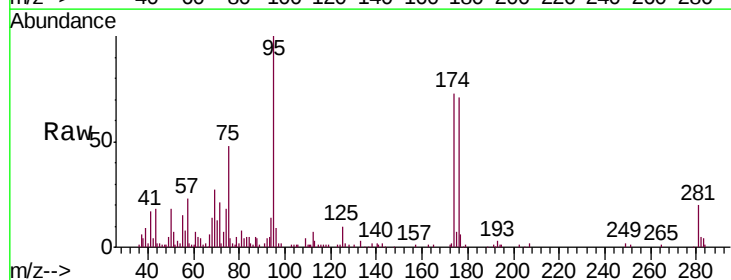
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

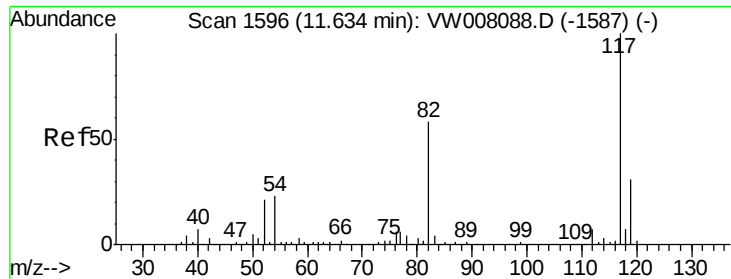
Tgt Ion: 69 Resp: 467
 Ion Ratio Lower Upper
 69 100
 41 164.9 56.4 84.6#
 39 158.0 28.1 42.1#



#62
 4-Bromofluorobenzene
 Concen: 49.299 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion: 95 Resp: 25921
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 143.0
 176 67.6 0.0 140.2

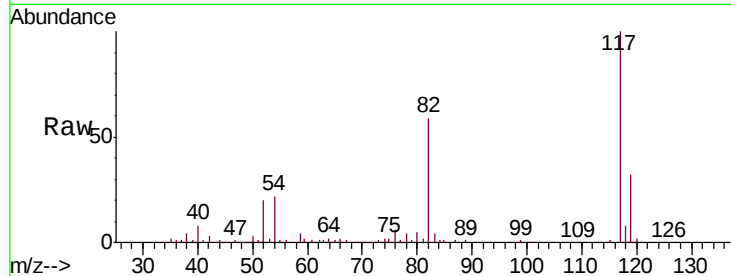




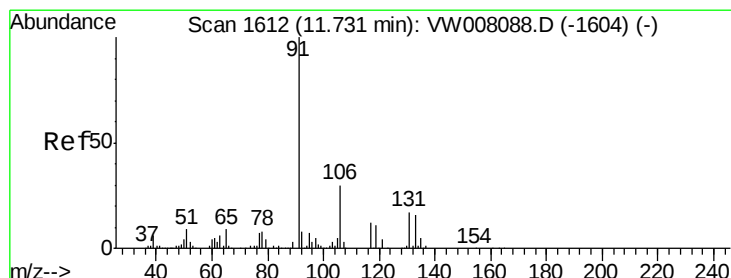
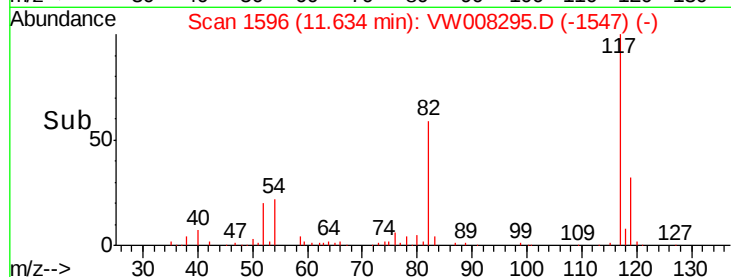
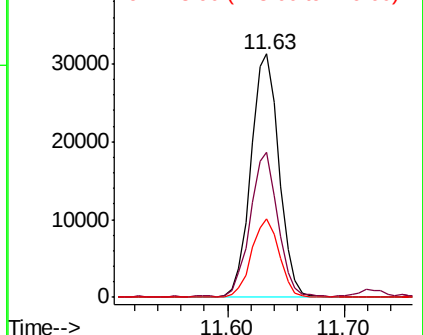
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Tgt Ion:117 Resp: 52763
Ion Ratio Lower Upper
117 100
82 59.0 46.4 69.6
119 32.0 24.7 37.1

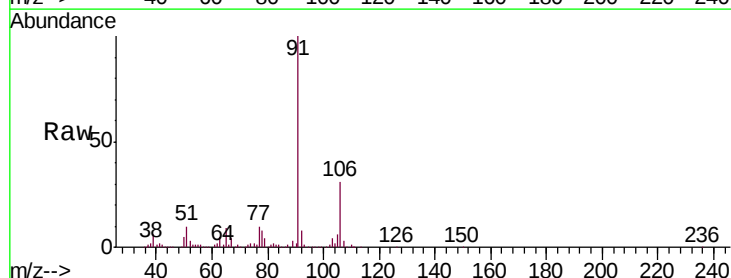


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

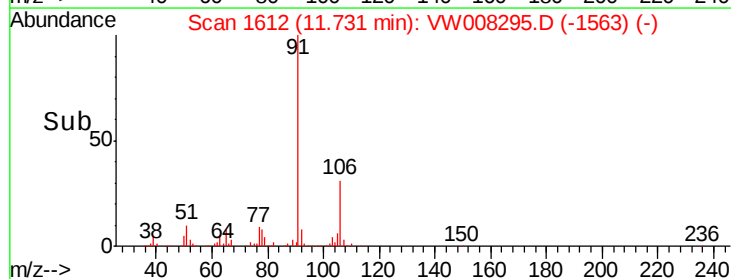
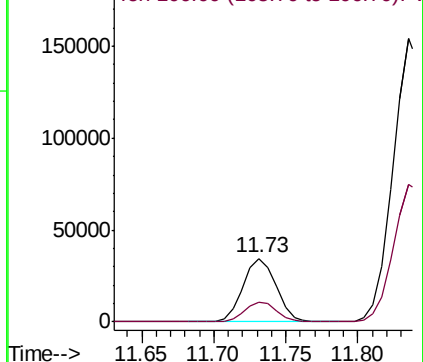


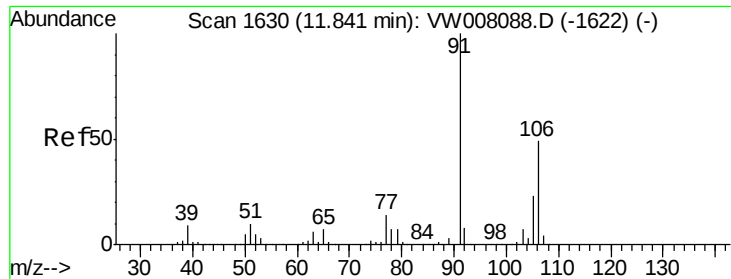
#67
Ethyl Benzene
Concen: 26.888 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 91 Resp: 54994
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



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

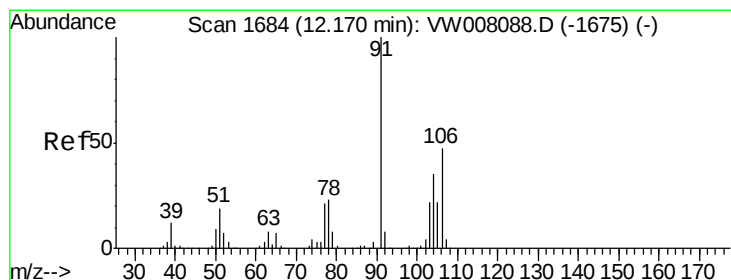
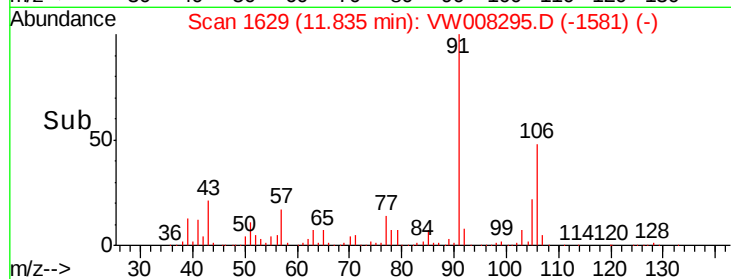
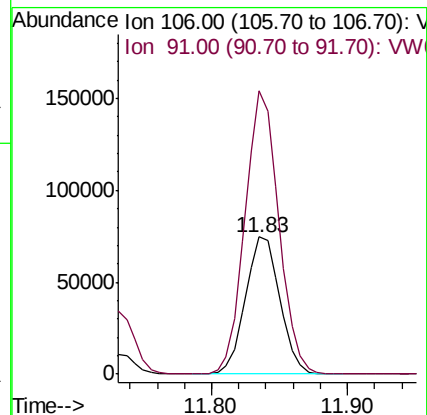
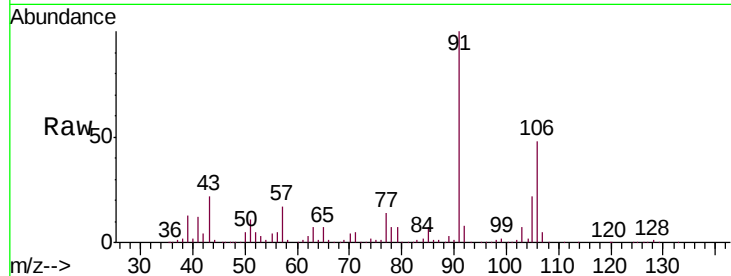




#68
m/p-Xylenes
Concen: 169.687 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

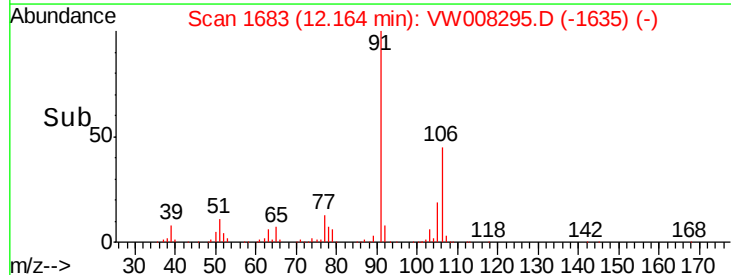
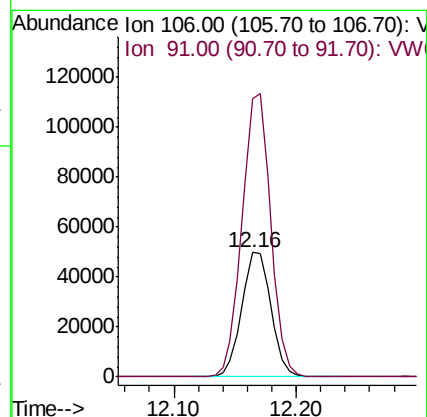
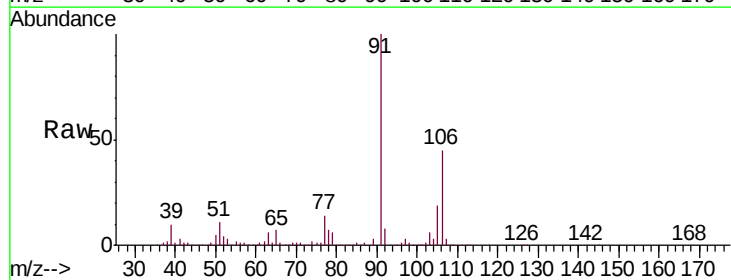
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

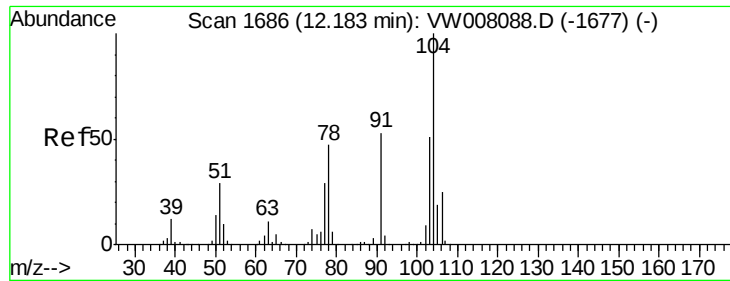
Tgt Ion:106 Resp: 132470
Ion Ratio Lower Upper
106 100
91 202.5 162.4 243.6



#69
o-Xylene
Concen: 114.323 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion:106 Resp: 82648
Ion Ratio Lower Upper
106 100
91 222.9 107.8 323.6





#70

Styrene

Concen: 4.193 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.02 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

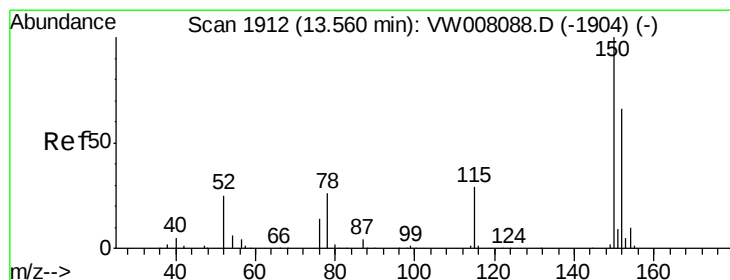
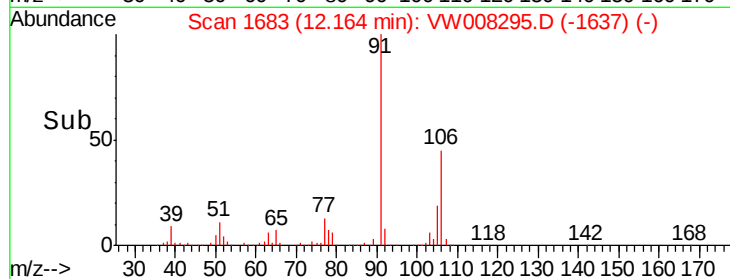
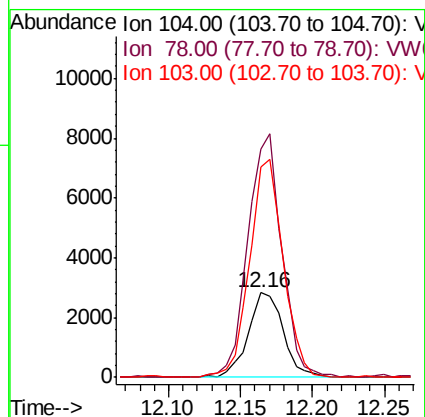
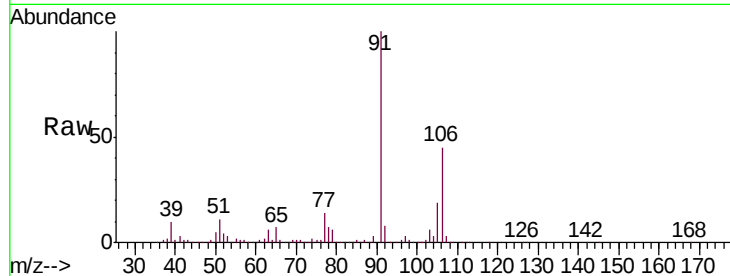
Tgt Ion:104 Resp: 4748

Ion Ratio Lower Upper

104 100

78 279.7 41.8 62.8#

103 247.9 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

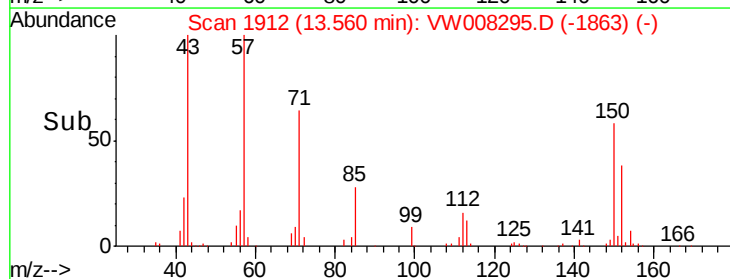
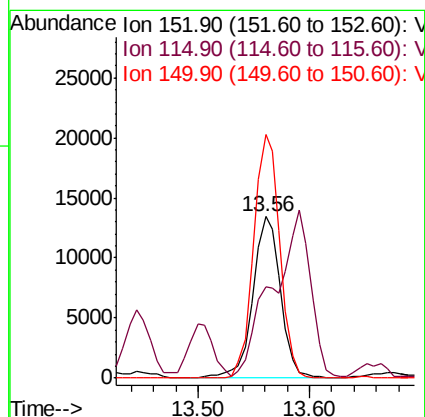
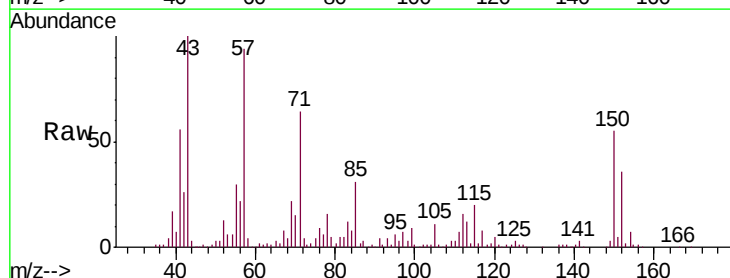
Tgt Ion:152 Resp: 23288

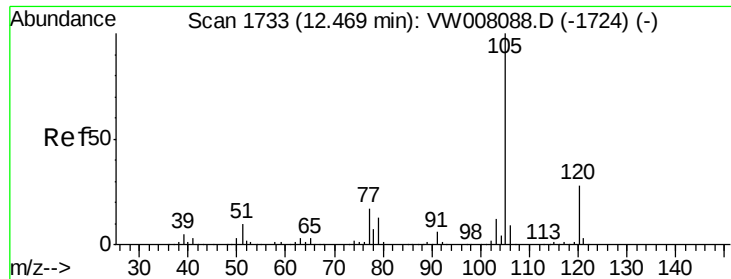
Ion Ratio Lower Upper

152 100

115 0.0 30.8 92.4#

150 141.7 0.0 350.2





#73

Isopropylbenzene

Concen: 29.671 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

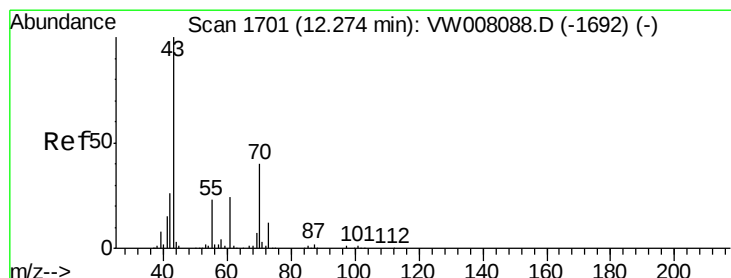
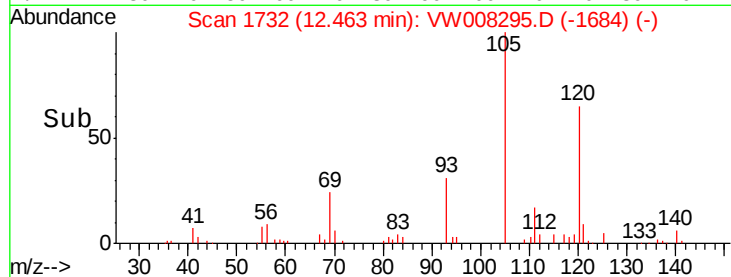
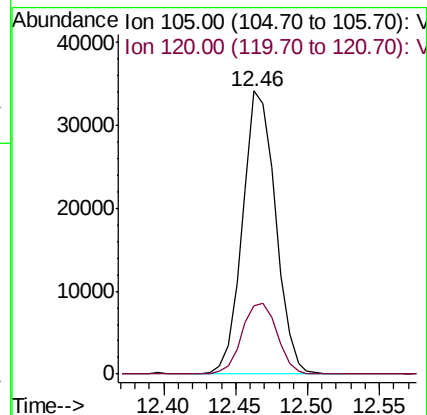
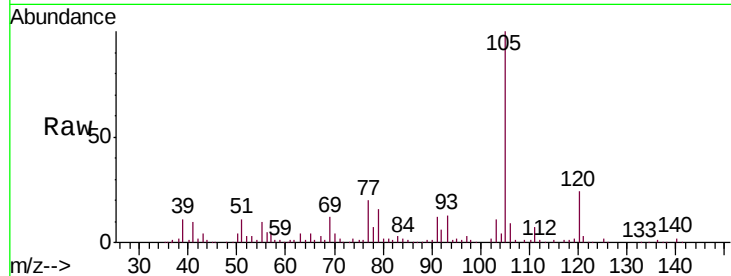
OK-01-011519-B

Tgt Ion: 105 Resp: 54249

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 35.884 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Tgt Ion: 43 Resp: 14529

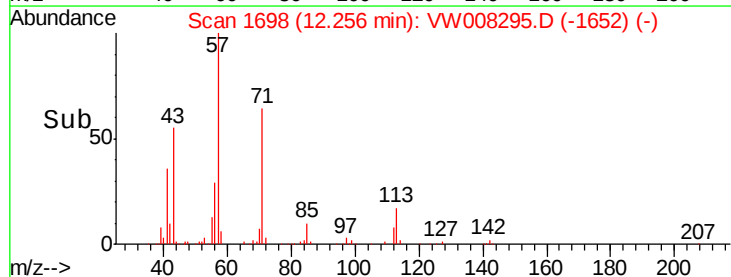
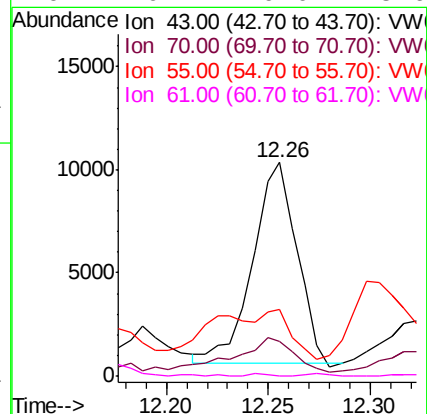
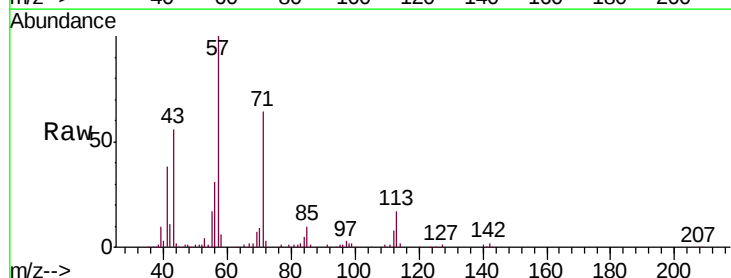
Ion Ratio Lower Upper

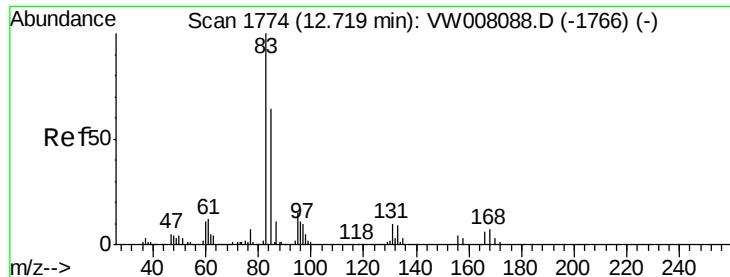
43 100

70 22.1 32.4 48.6#

55 0.0 18.7 28.1#

61 0.4 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.909 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-B

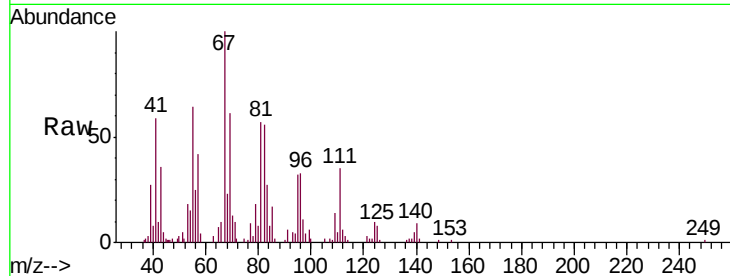
Tgt Ion: 83 Resp: 1144

Ion Ratio Lower Upper

83 100

131 2.5 5.3 16.1#

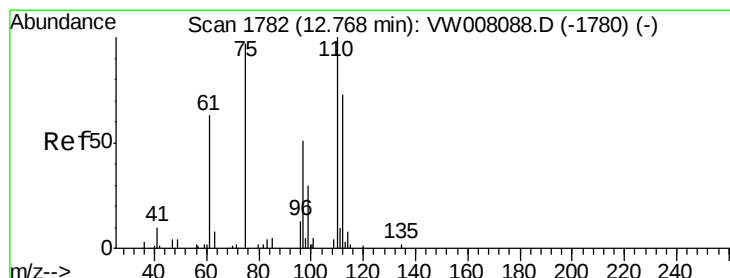
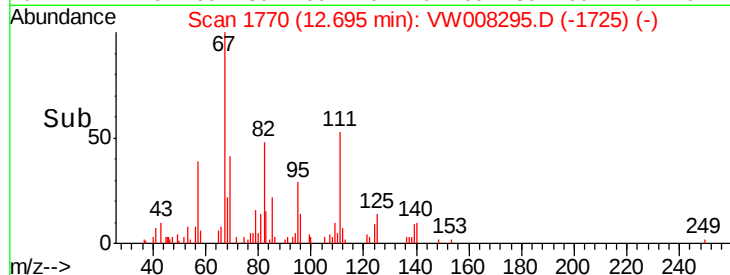
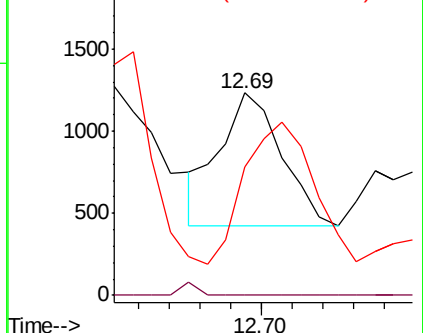
85 0.0 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 6.458 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW008295.D

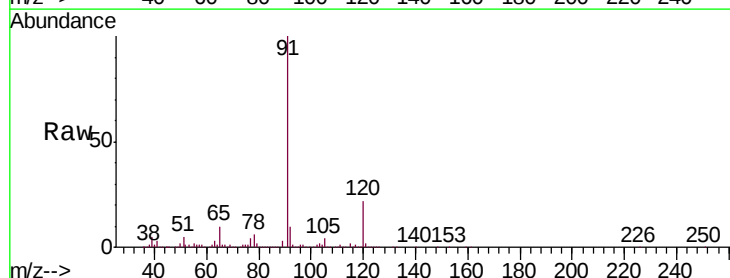
Acq: 15 Jan 2019 21:23

Tgt Ion: 75 Resp: 1371

Ion Ratio Lower Upper

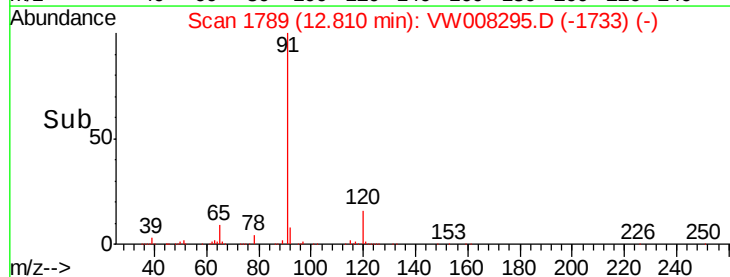
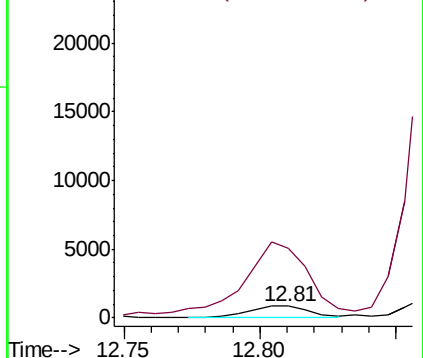
75 100

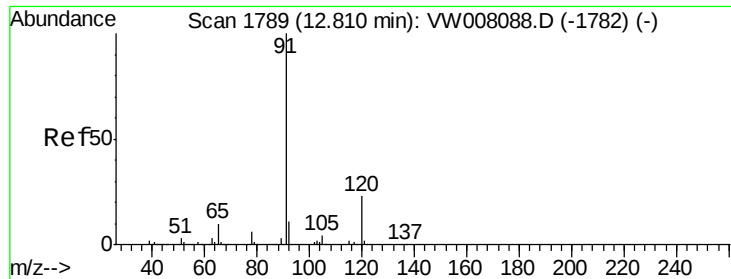
77 628.8 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 86.710 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

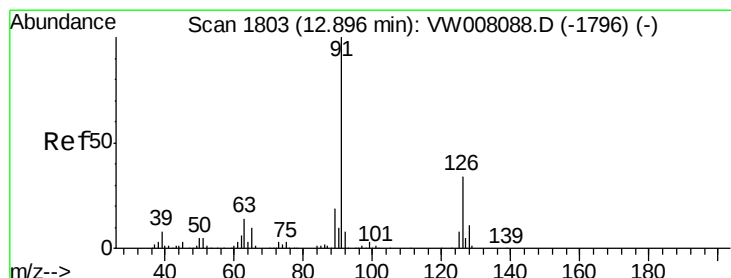
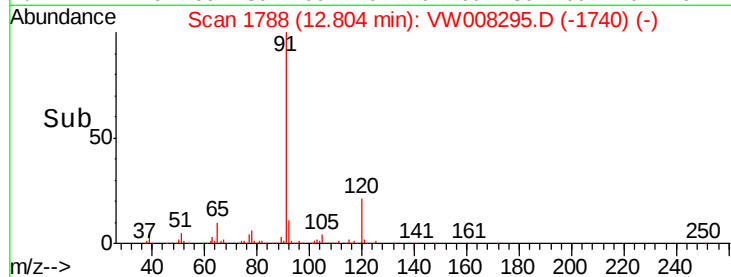
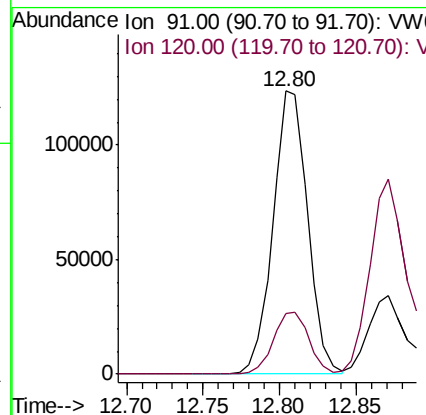
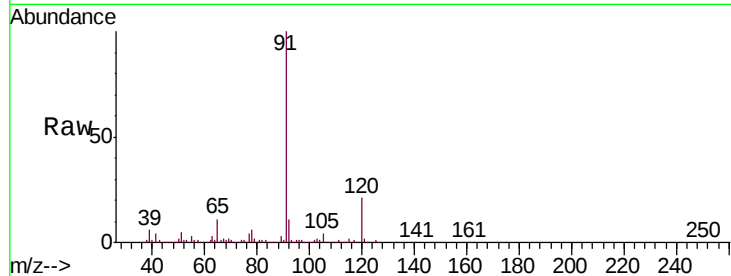
OK-01-011519-B

Tgt Ion: 91 Resp: 194249

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8



#79

2-Chlorotoluene

Concen: 41.000 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008295.D

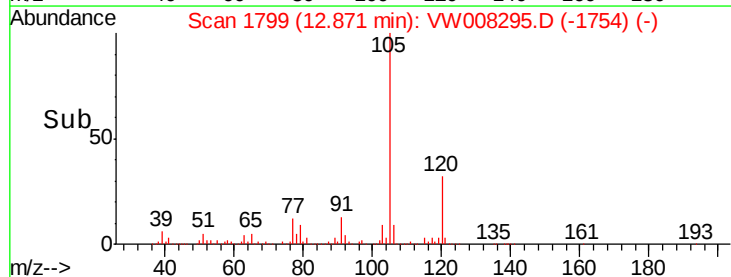
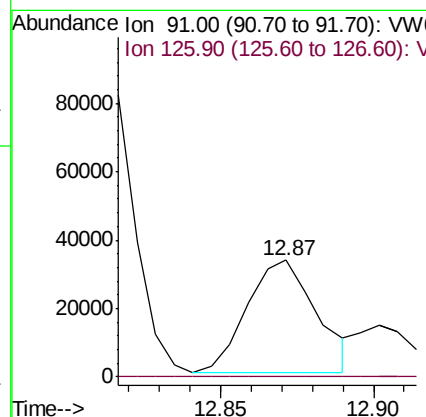
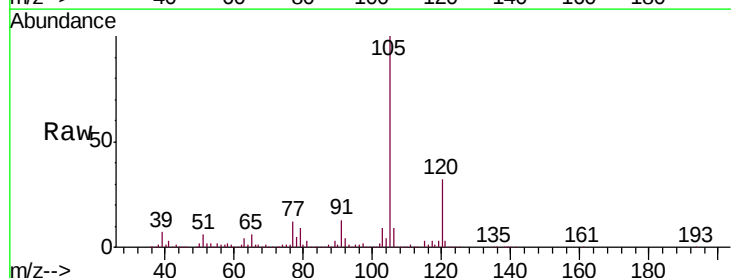
Acq: 15 Jan 2019 21:23

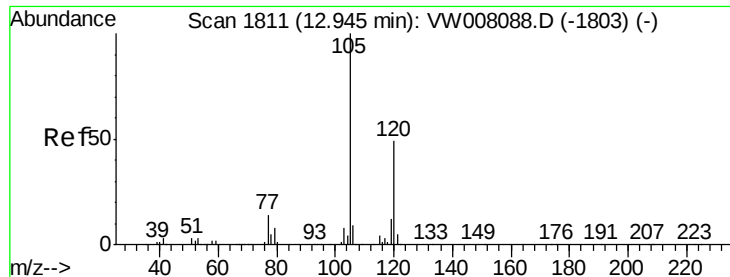
Tgt Ion: 91 Resp: 51243

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.3#

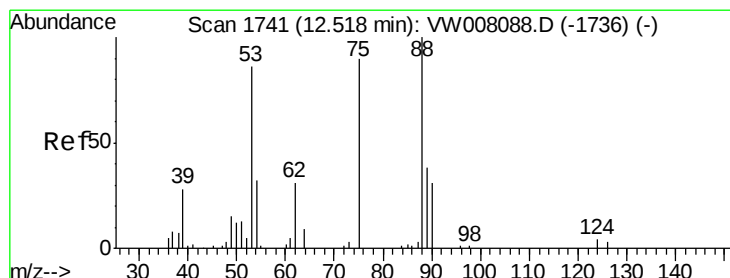
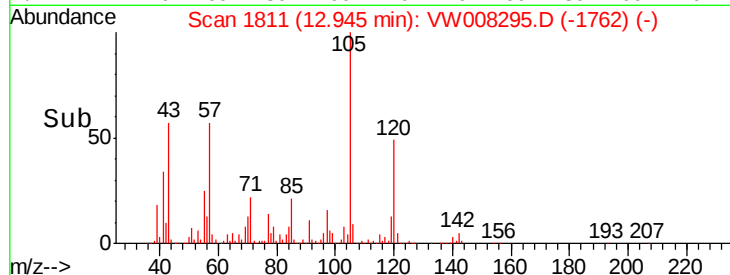
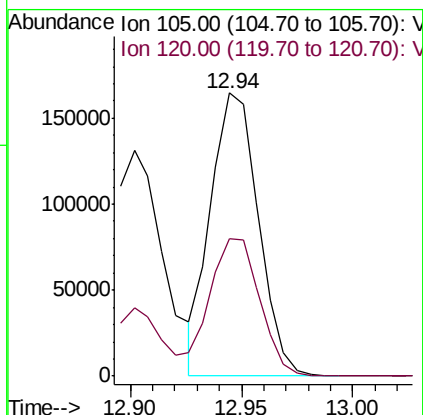
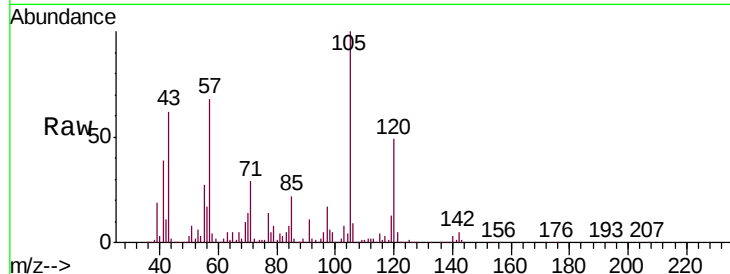




#80
 1,3,5-Trimethylbenzene
 Concen: 162.900 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

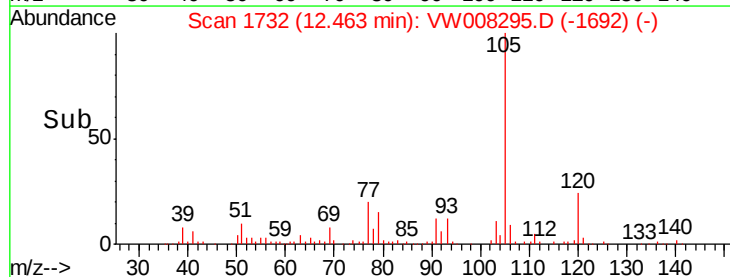
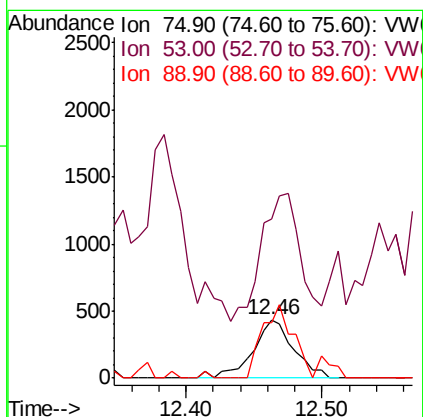
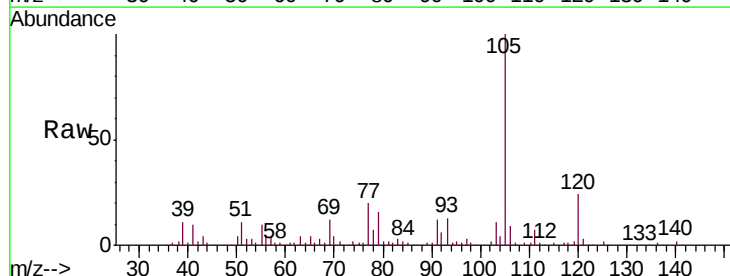
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-B

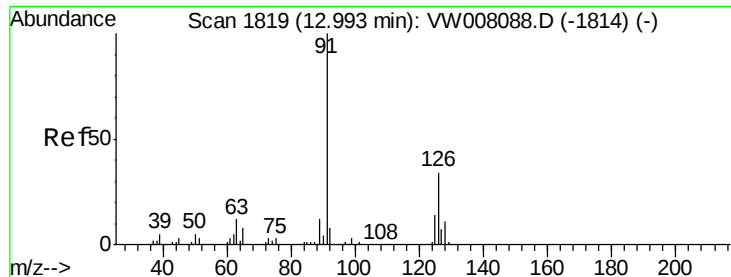
Tgt Ion: 105 Resp: 244748
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.048 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW008295.D
 Acq: 15 Jan 2019 21:23

Tgt Ion: 75 Resp: 916
 Ion Ratio Lower Upper
 75 100
 53 207.3 78.8 118.2#
 89 96.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 21.931 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

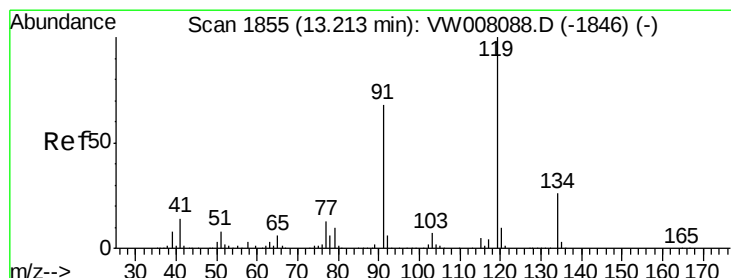
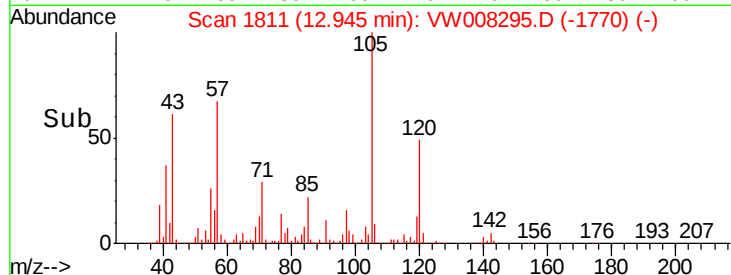
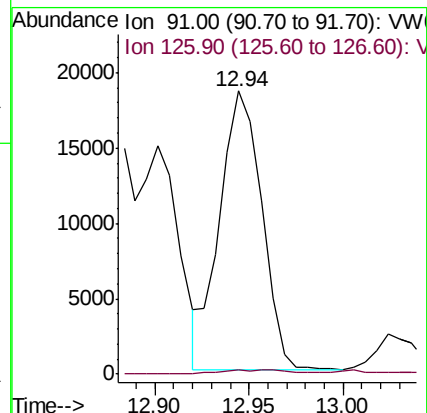
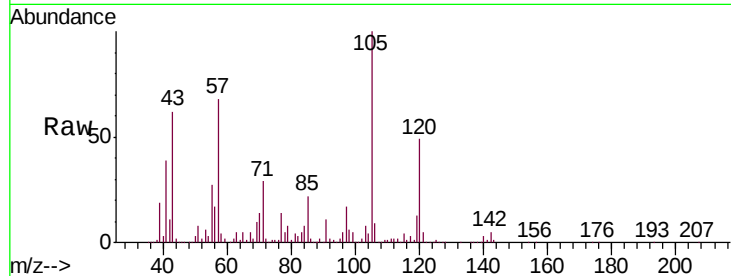
OK-01-011519-B

Tgt Ion: 91 Resp: 28868

Ion Ratio Lower Upper

91 100

126 1.1 16.5 49.5#



#83

tert-Butylbenzene

Concen: 4.777 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

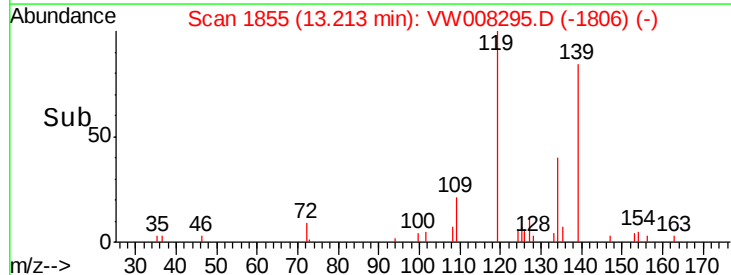
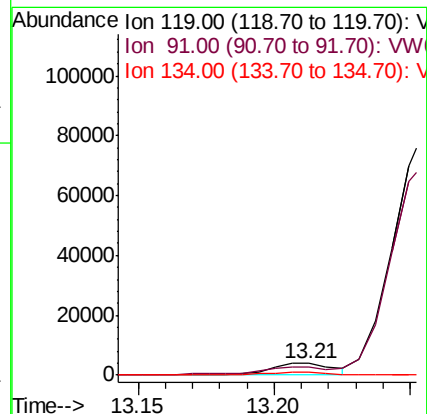
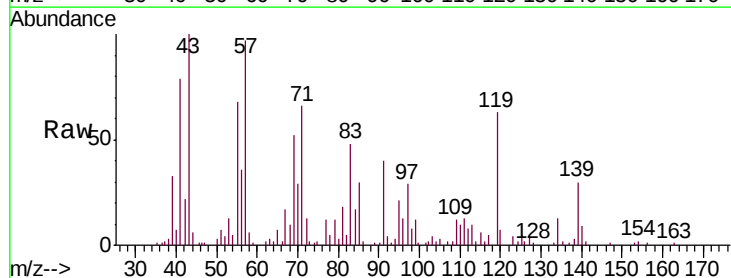
Tgt Ion: 119 Resp: 6349

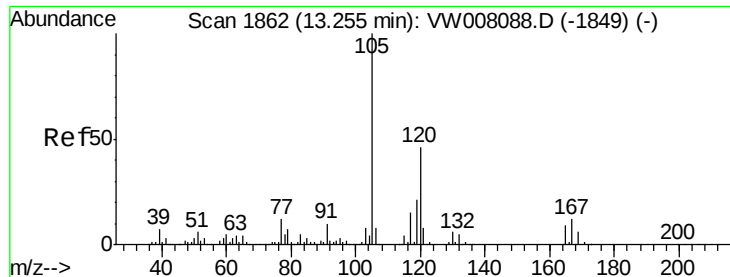
Ion Ratio Lower Upper

119 100

91 63.9 33.9 101.6

134 24.6 13.6 40.8

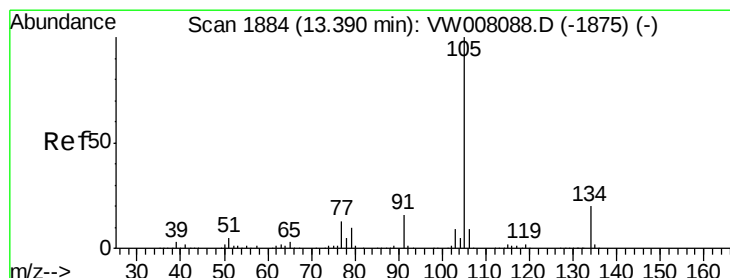
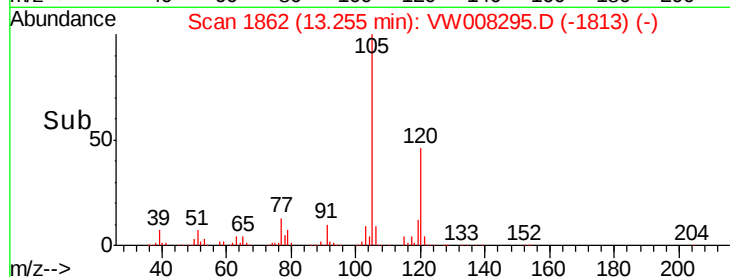
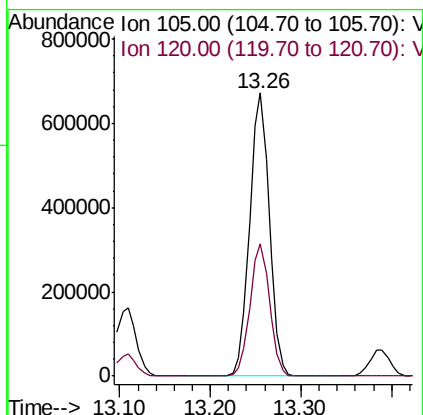
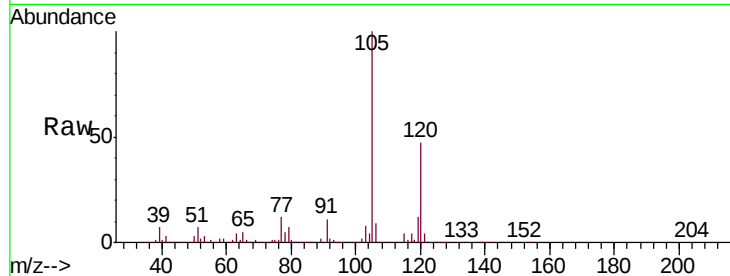




#84
1,2,4-Trimethylbenzene
Concen: 652.579 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

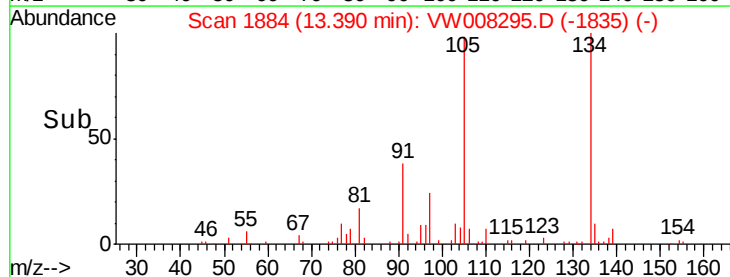
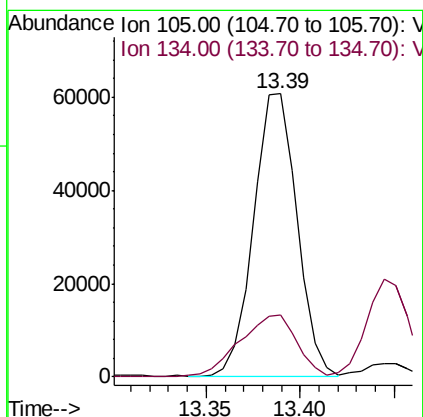
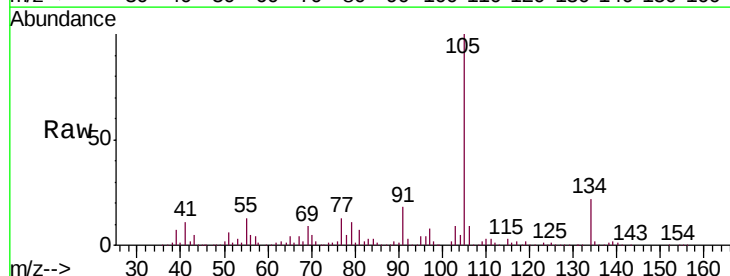
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

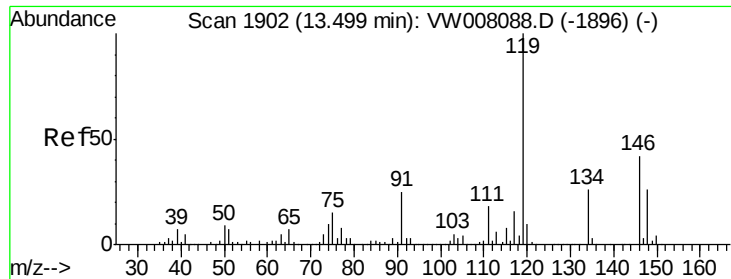
Tgt Ion:105 Resp: 1011227
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1



#85
sec-Butylbenzene
Concen: 49.598 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion:105 Resp: 96571
Ion Ratio Lower Upper
105 100
134 29.0 10.1 30.1

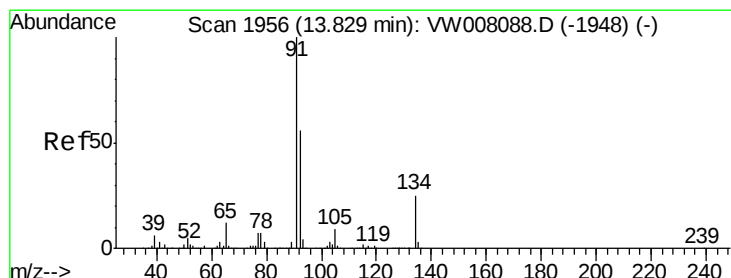
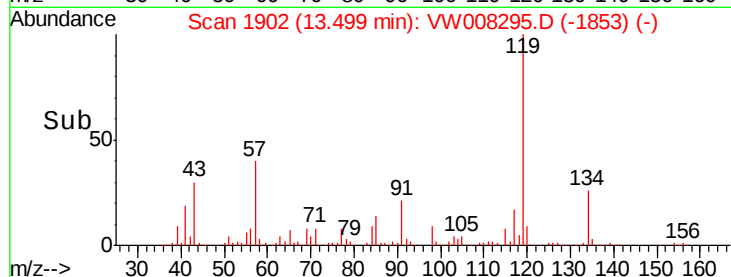
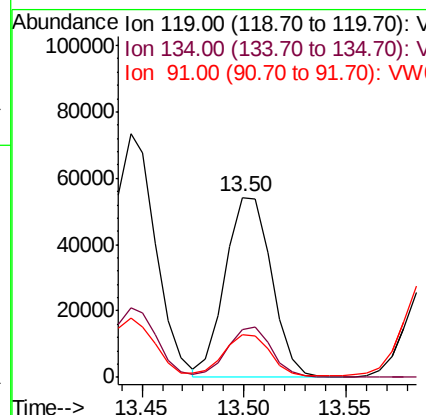
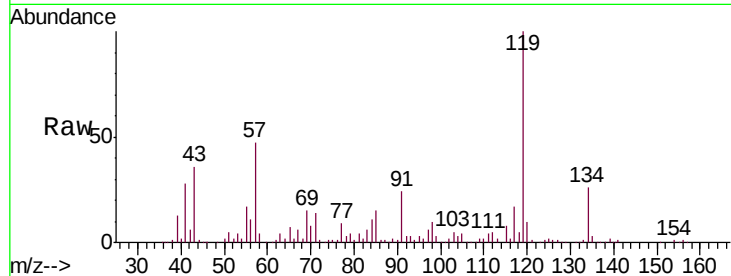




#86
p-Isopropyltoluene
Concen: 50.893 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

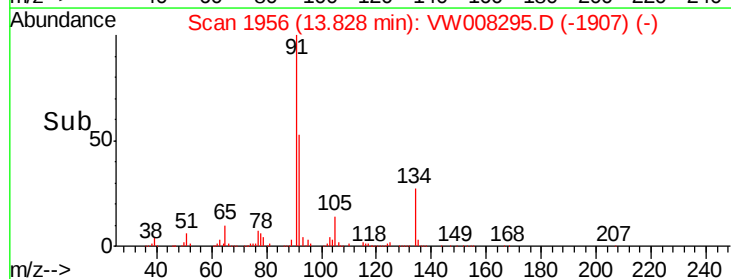
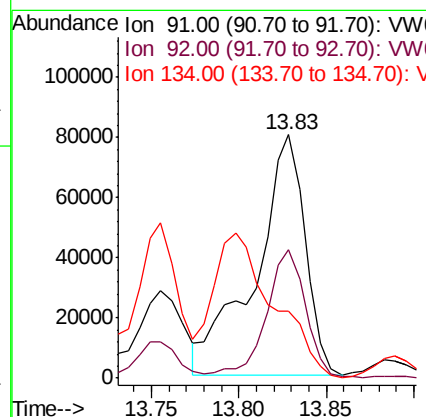
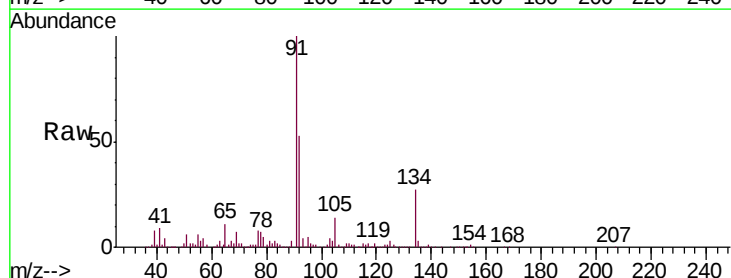
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

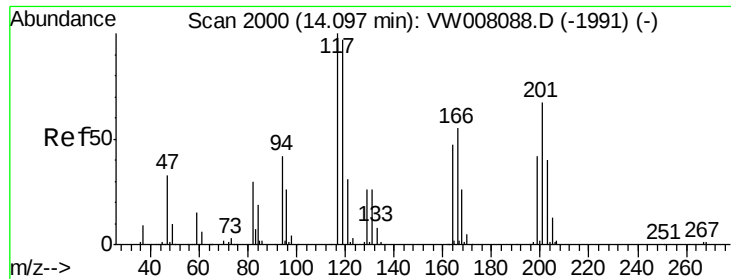
Tgt Ion: 119 Resp: 85571
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 22.5 12.3 36.9



#89
n-Butylbenzene
Concen: 95.625 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion: 91 Resp: 157471
Ion Ratio Lower Upper
91 100
92 42.2 27.4 82.2
134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 64.100 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

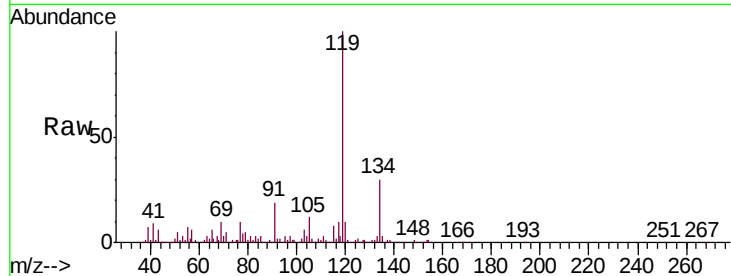
OK-01-011519-B

Tgt Ion:117 Resp: 18204

Ion Ratio Lower Upper

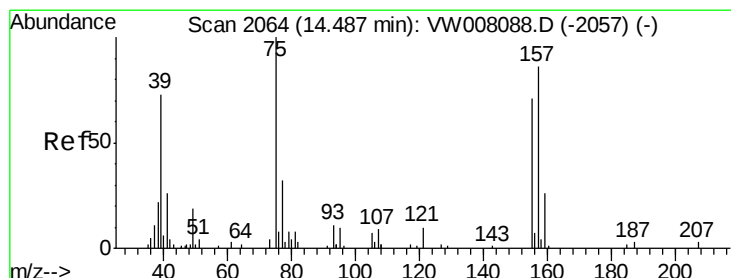
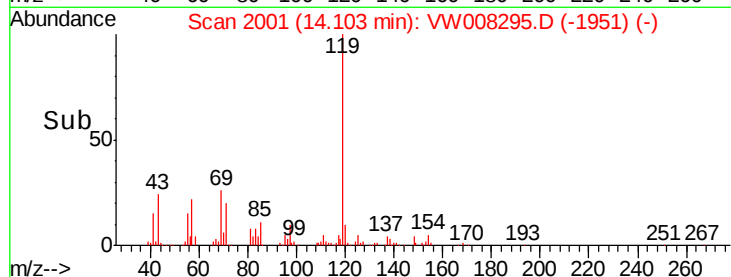
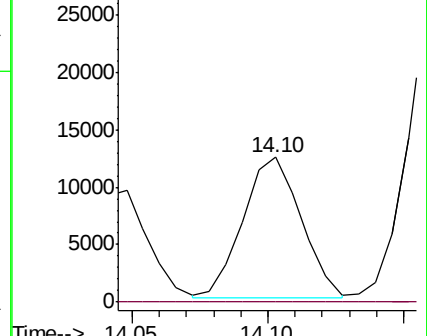
117 100

201 0.0 33.0 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.198 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW008295.D

Acq: 15 Jan 2019 21:23

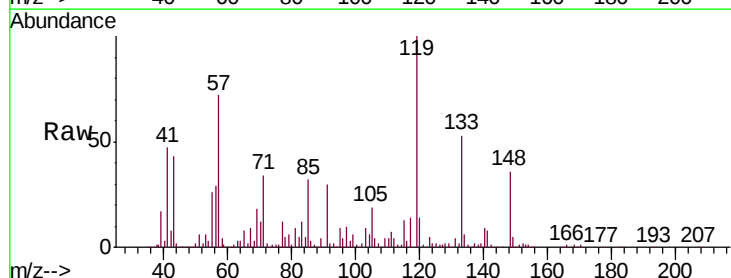
Tgt Ion: 75 Resp: 339

Ion Ratio Lower Upper

75 100

155 132.7 38.6 115.7#

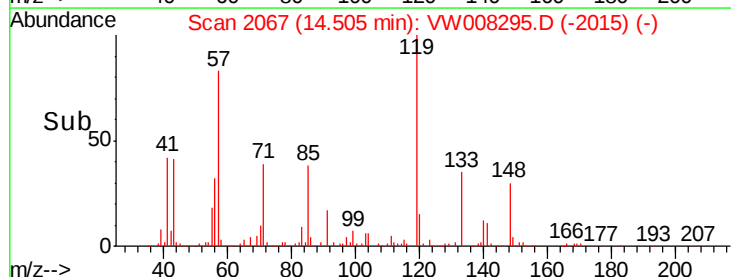
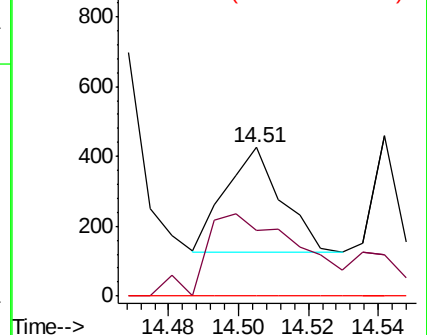
157 0.0 47.5 142.6#

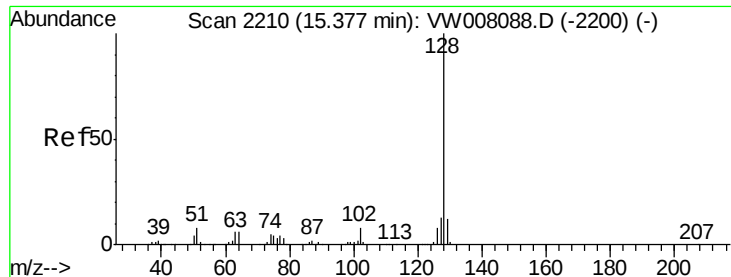


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

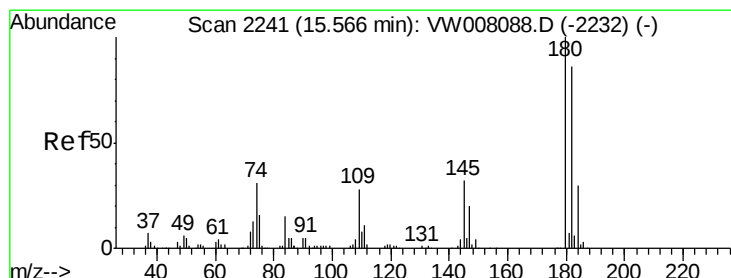
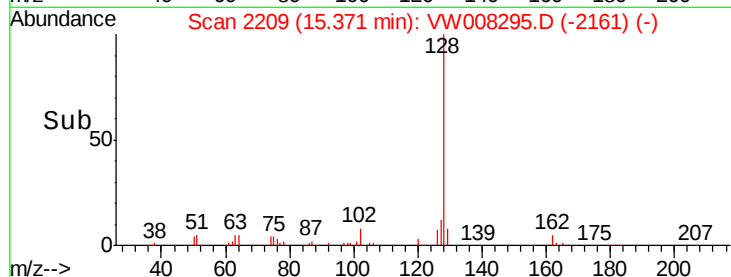
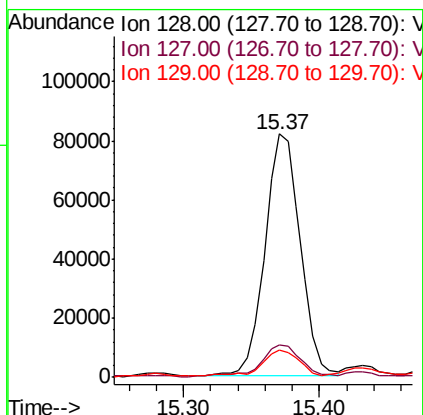
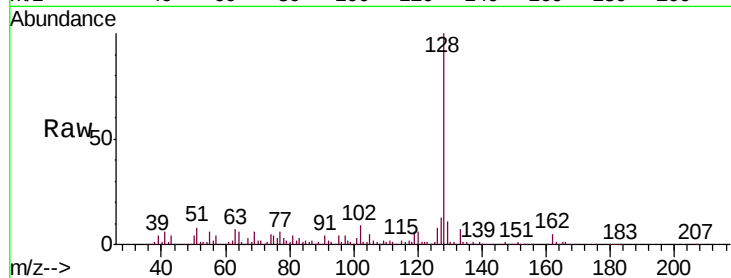




#95
Naphthalene
Concen: 174.256 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-B

Tgt Ion:128 Resp: 148779
Ion Ratio Lower Upper
128 100
127 14.5 11.0 16.4
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 1.850 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW008295.D
Acq: 15 Jan 2019 21:23

Tgt Ion:180 Resp: 721
Ion Ratio Lower Upper
180 100
182 0.0 46.5 139.3#
145 0.0 17.4 52.2#

