

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013046.D
 Acq On : 16 Sep 2019 17:16
 Operator : SY/VA
 Sample : K4850-03
 Misc : 6.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

Quant Time: Sep 17 07:22:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156855	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151475	54.86	ug/l	0.00
Spiked Amount						
			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	129970	53.22	ug/l	0.00
Spiked Amount						
			Recovery	=	106.44%	
50) Toluene-d8	10.32	98	534642	55.95	ug/l	0.00
Spiked Amount						
			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.62	95	168985	49.18	ug/l	0.00
Spiked Amount						
			Recovery	=	98.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.15	85	34	Below Cal	#	44
3) Chloromethane	2.20	50	410	Below Cal		96
11) Tert butyl alcohol	5.11	59	942	Below Cal	#	72
13) Acrolein	3.93	56	61	Below Cal	#	15
16) Acetone	4.14	43	1589	Below Cal		91
20) Methylene Chloride	4.91	84	6124	Below Cal	#	88
26) 2,2-Dichloropropane	7.17	77	47	Below Cal	#	55
31) Cyclohexane	7.94	56	6134	Below Cal	#	16
36) 1,1-Dichloropropene	7.95	75	21950	6.104	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27676	7.510	ug/l #	15
40) Benzene	8.32	78	11127590	1108.402	ug/l	98
42) 1,2-Dichloroethane	8.32	62	100973	30.003	ug/l	77
49) 1,4-Dioxane	9.37	88	44	2.055	ug/l #	9
51) 4-Methyl-2-Pentanone	10.38	43	128573	67.951	ug/l #	38
52) Toluene	10.38	92	8381185	1313.792	ug/l	93
53) t-1,3-Dichloropropene	10.39	75	101438	28.138	ug/l #	1
55) 1,1,2-Trichloroethane	10.65	97	35860	18.421	ug/l #	18
56) Ethyl methacrylate	10.64	69	2643	1.009	ug/l #	20
67) Ethyl Benzene	11.73	91	898887	72.553	ug/l	99
68) m/p-Xylenes	11.84	106	2032338	449.034	ug/l	98
69) o-Xylene	12.16	106	1174922	276.893	ug/l	99
70) Styrene	12.16	104	77151	10.221	ug/l #	1
73) Isopropylbenzene	12.46	105	82100	7.897	ug/l	100
76) 1,2,3-Trichloropropane	12.87	75	2801	2.039	ug/l #	100
78) n-propylbenzene	12.80	91	59812	4.891	ug/l	100
79) 2-Chlorotoluene	12.87	91	47979	6.825	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.94	105	656712	74.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86480	142.787	ug/l #	7
82) 4-Chlorotoluene	12.94	91	67683	9.124	ug/l #	43
83) tert-Butylbenzene	13.25	119	175411	22.296	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.25	105	1419367	163.304	ug/l	98
85) sec-Butylbenzene	13.25	105	1419367	132.417	ug/l #	56
86) p-Isopropyltoluene	13.44	119	27929	2.838	ug/l	99
89) n-Butylbenzene	13.76	91	81663	8.799	ug/l #	44

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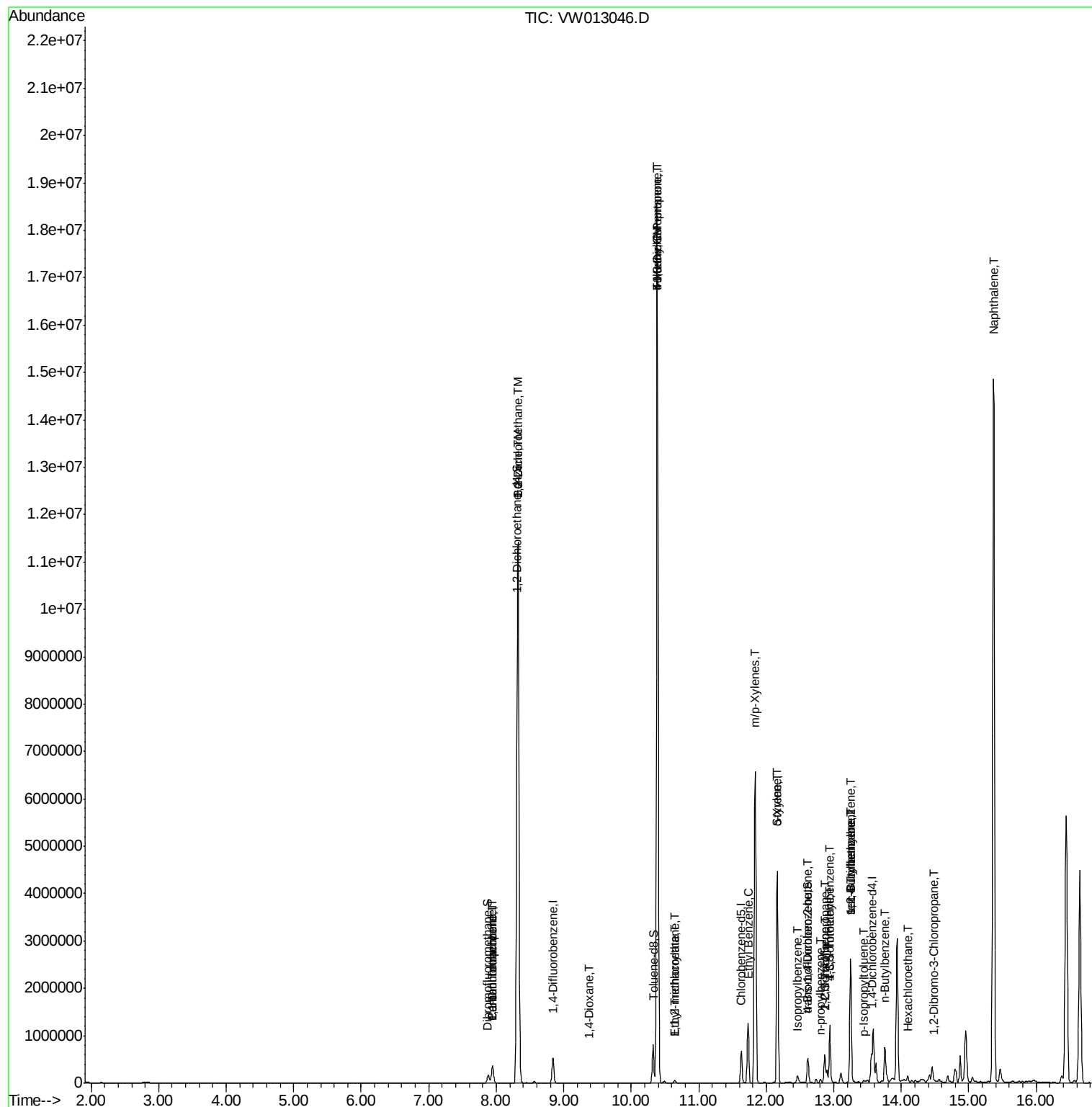
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.09	117	20291	11.506	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.49	75	738	2.208	ug/l #	22
95) Naphthalene	15.36	128	12878805	2592.050	ug/l	99

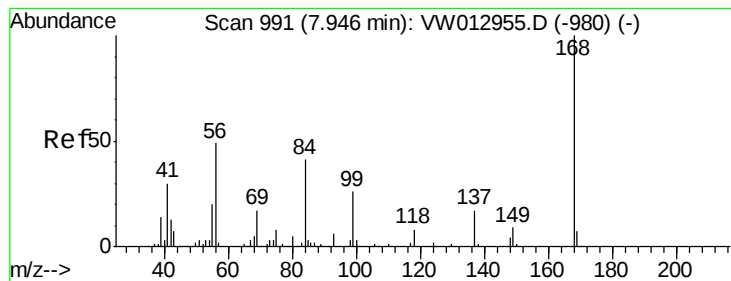
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

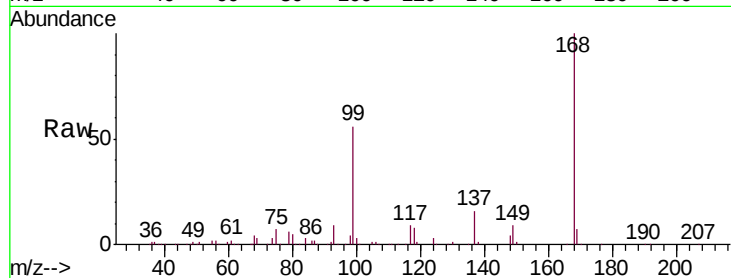
AOC-7(7)

Tgt Ion:168 Resp: 298941

Ion Ratio Lower Upper

168 100

99 55.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

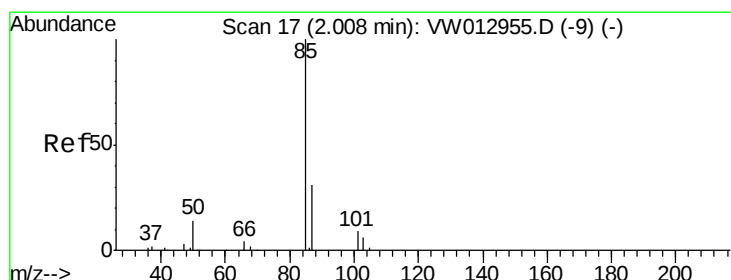
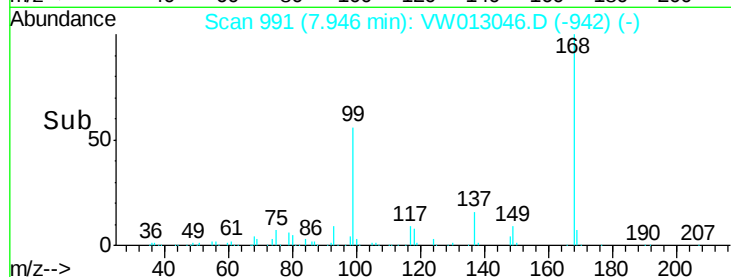
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.15 min Scan# 40

Delta R.T. 0.14 min

Lab File: VW013046.D

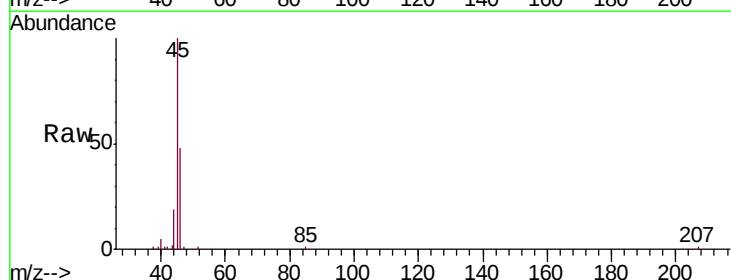
Acq: 16 Sep 2019 17:16

Tgt Ion: 85 Resp: 34

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.15

100

80

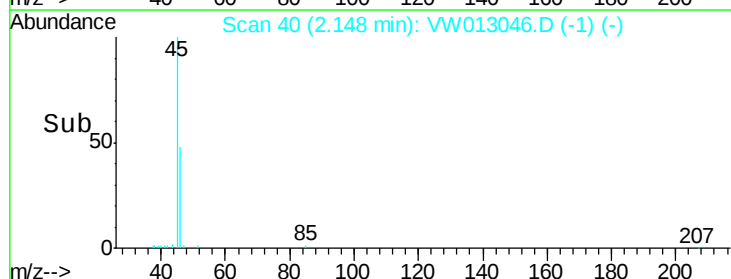
60

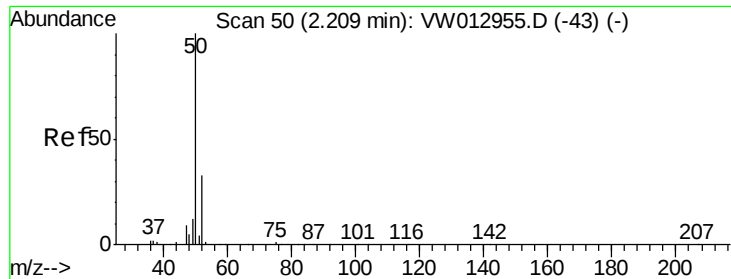
40

20

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

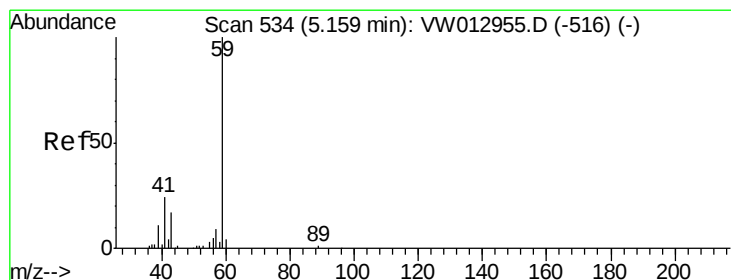
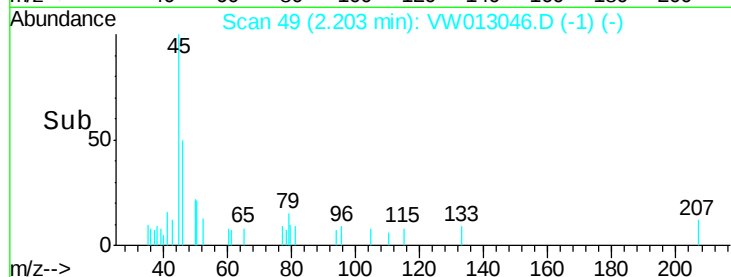
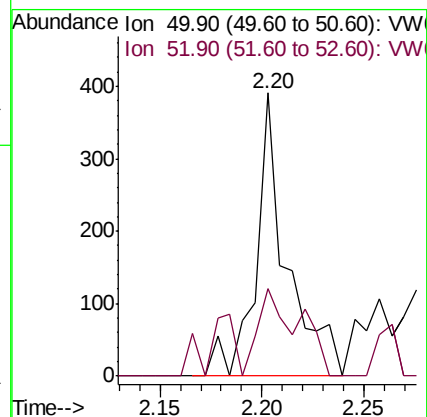
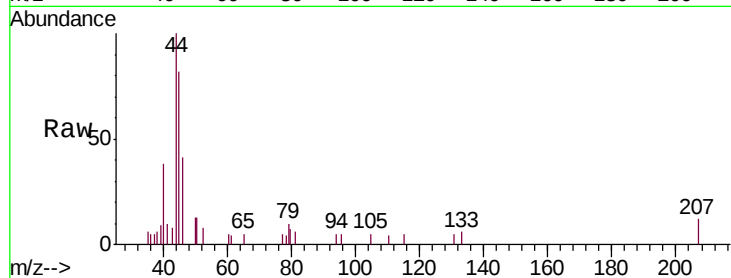
AOC-7(7)

Tgt Ion: 50 Resp: 410

Ion Ratio Lower Upper

50 100

52 30.9 26.6 39.8



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW013046.D

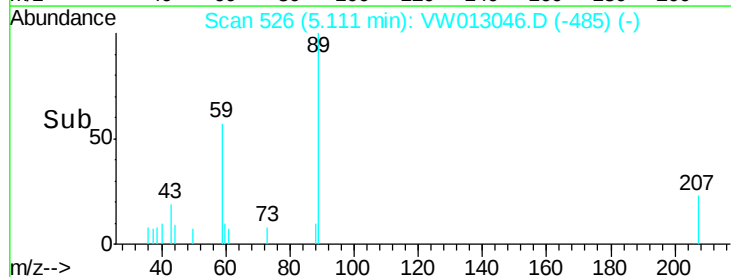
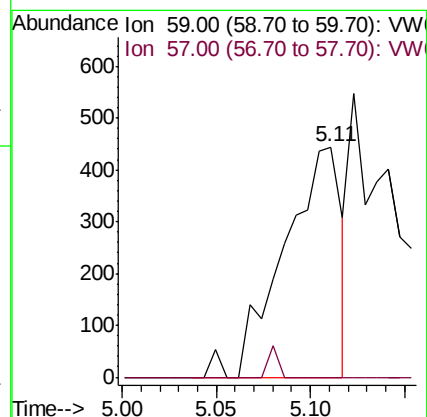
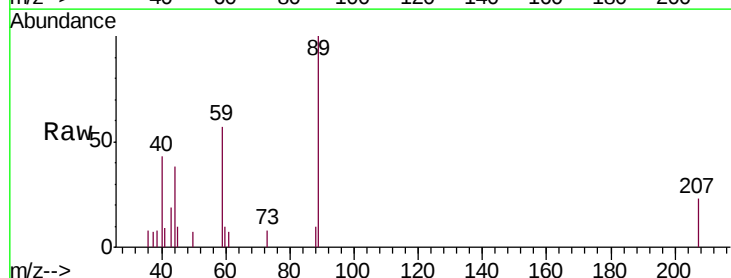
Acq: 16 Sep 2019 17:16

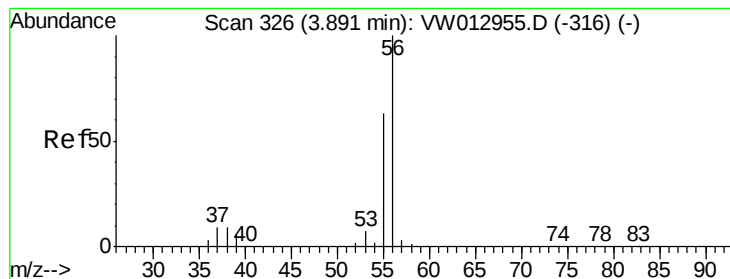
Tgt Ion: 59 Resp: 942

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 332

Delta R.T. 0.04 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

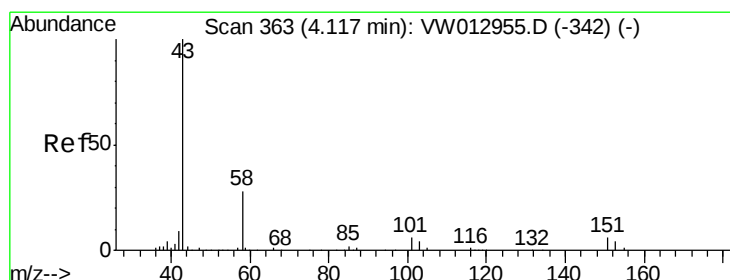
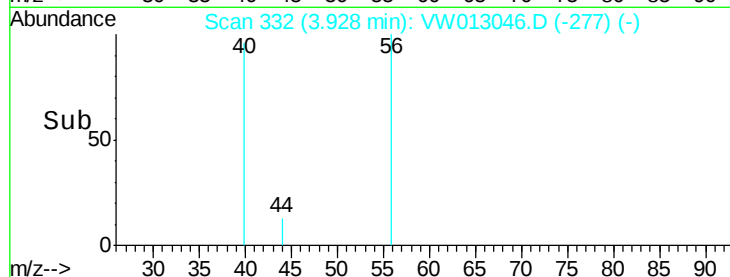
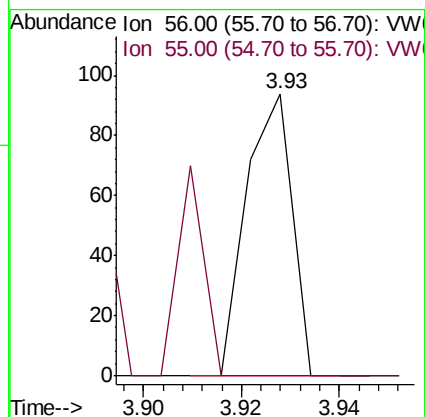
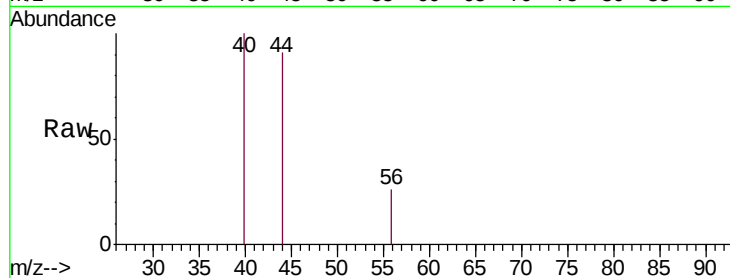
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(7)

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW013046.D

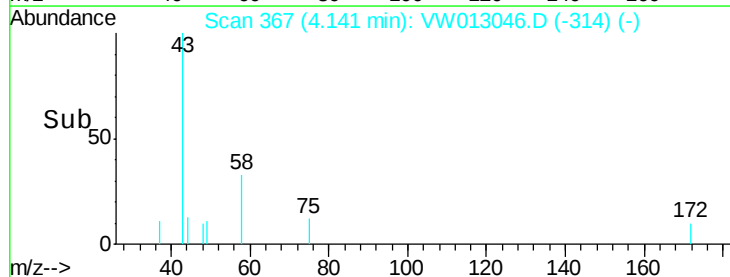
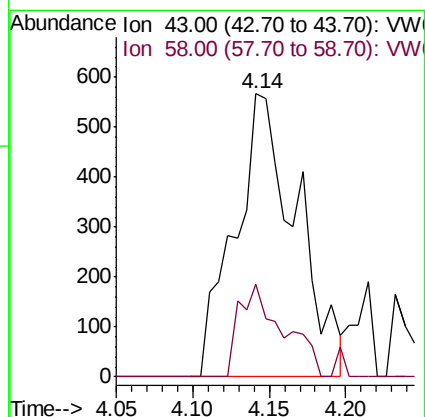
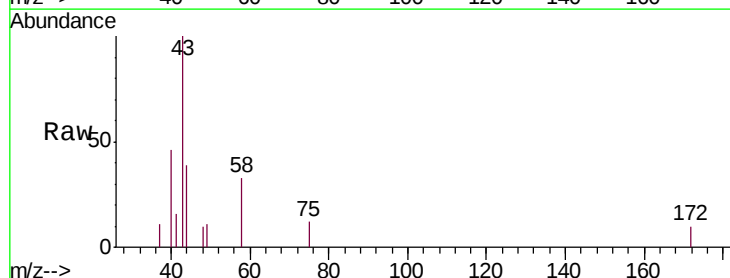
Acq: 16 Sep 2019 17:16

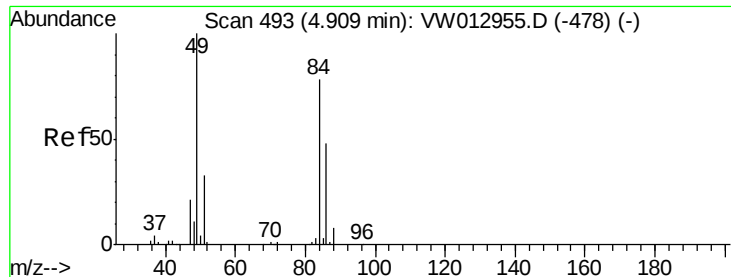
Tgt Ion: 43 Resp: 1589

Ion Ratio Lower Upper

43 100

58 32.8 22.3 33.5





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

AOC-7(7)

Tgt Ion: 84 Resp: 6124

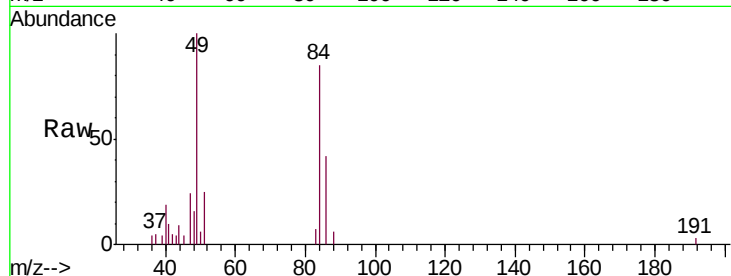
Ion Ratio Lower Upper

84 100

49 117.9 102.0 153.0

51 30.0 34.0 51.0#

86 49.8 48.5 72.7

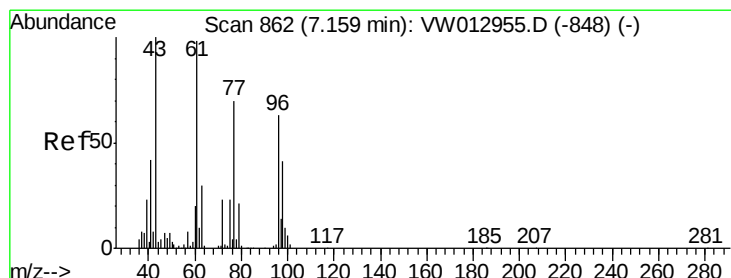
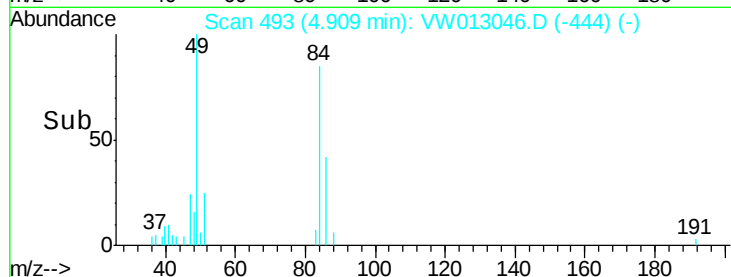
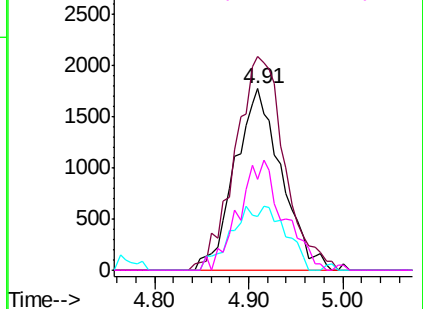


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013046.D

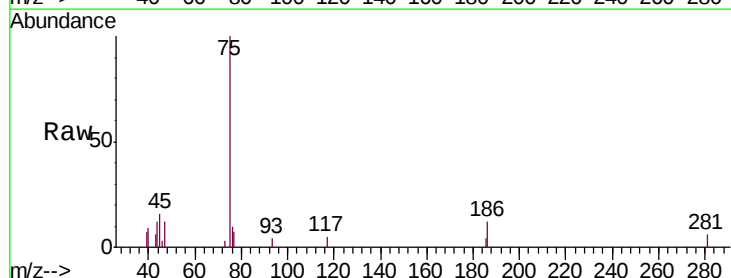
Acq: 16 Sep 2019 17:16

Tgt Ion: 77 Resp: 47

Ion Ratio Lower Upper

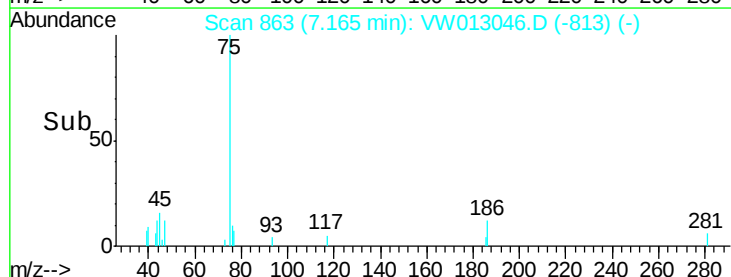
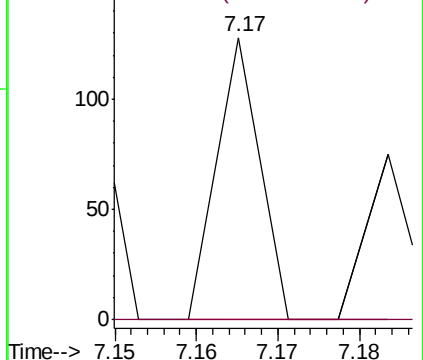
77 100

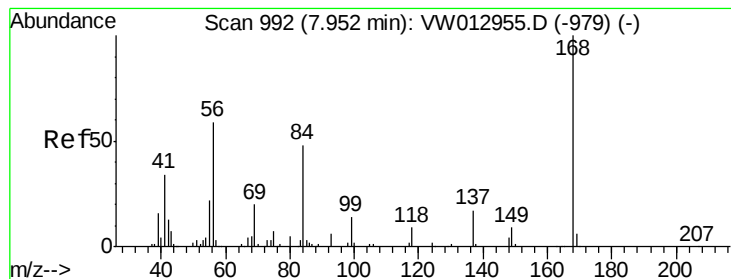
97 0.0 10.7 32.1#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: Below Cal

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

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AOC-7(7)

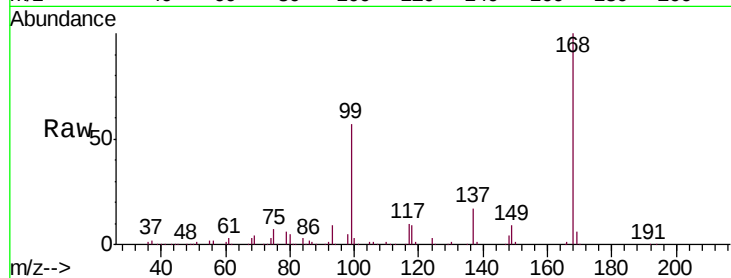
Tgt Ion: 56 Resp: 6134

Ion Ratio Lower Upper

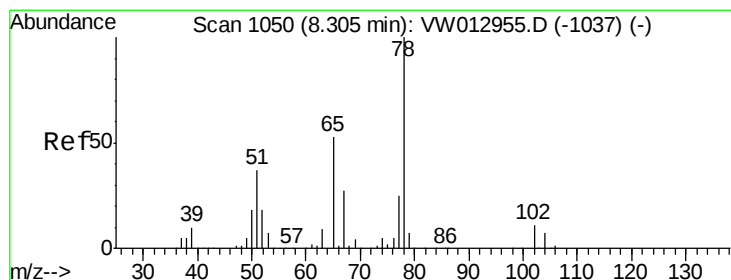
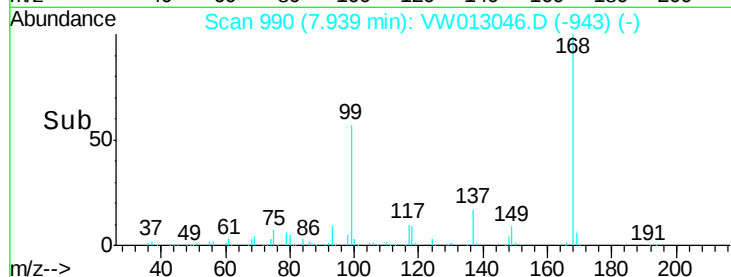
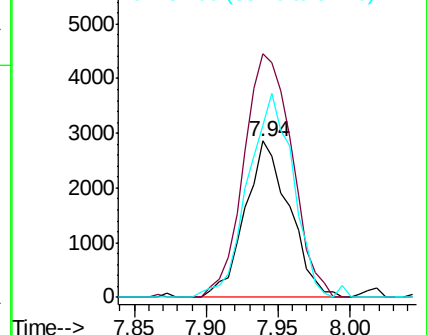
56 100

69 156.0 27.0 40.6#

84 110.0 66.2 99.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.864 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013046.D

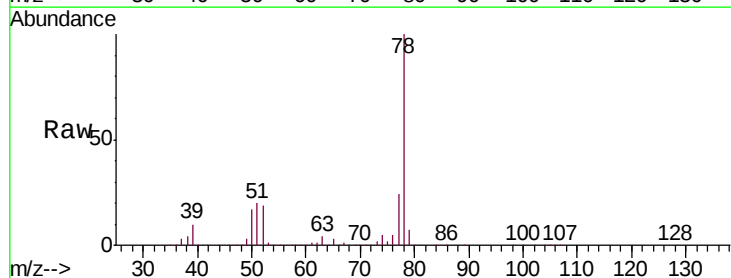
Acq: 16 Sep 2019 17:16

Tgt Ion: 65 Resp: 151475

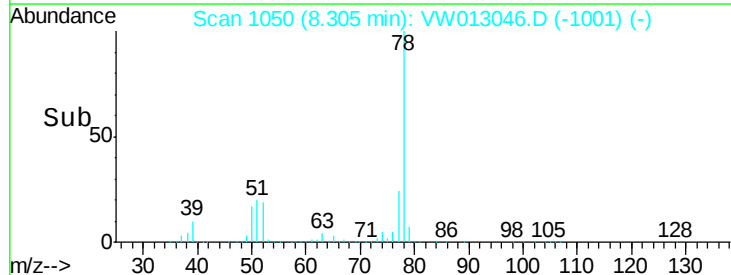
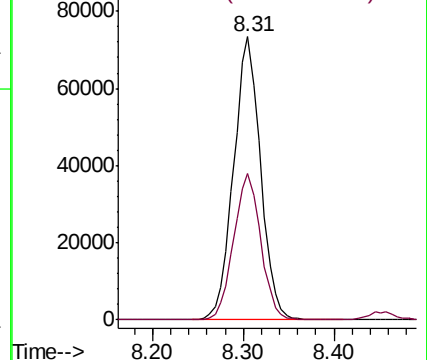
Ion Ratio Lower Upper

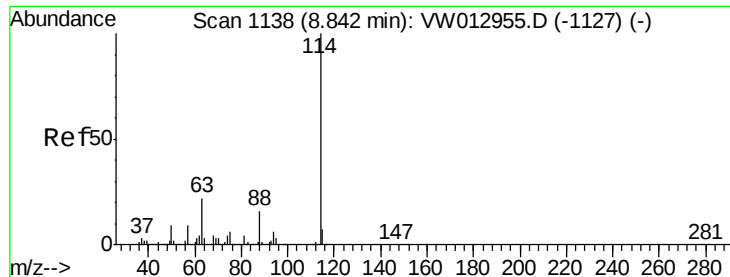
65 100

67 51.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

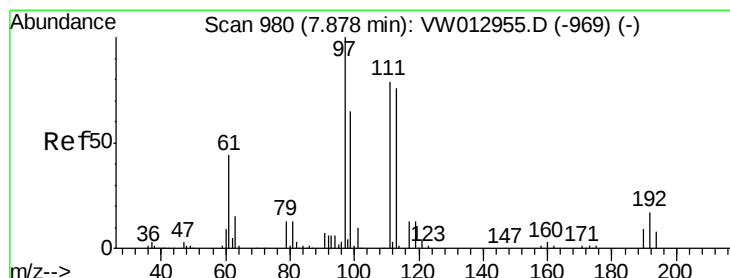
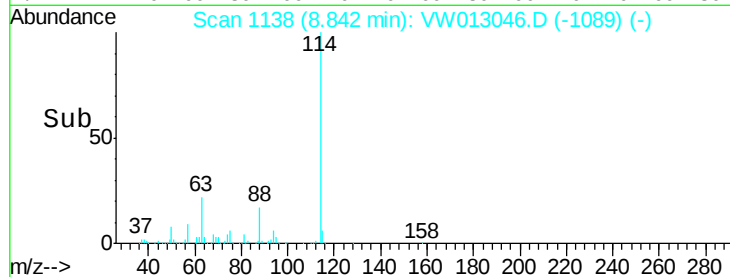
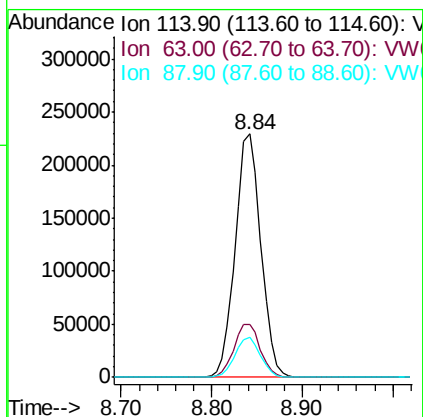
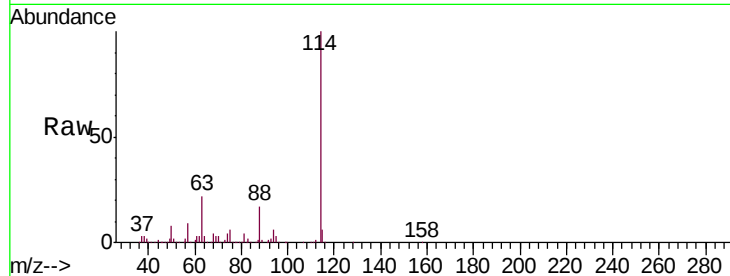




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

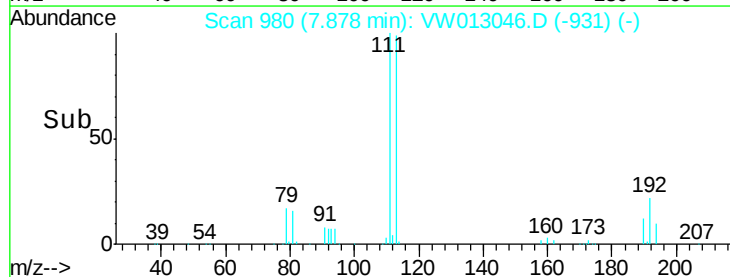
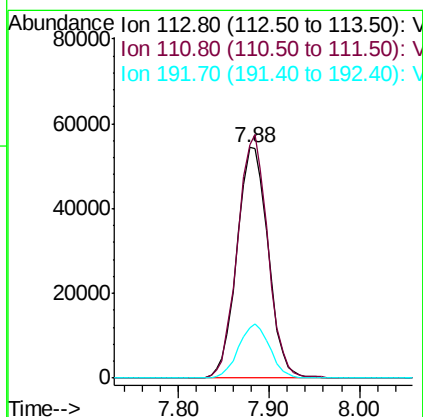
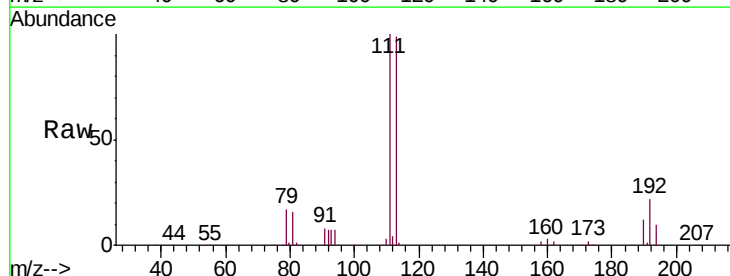
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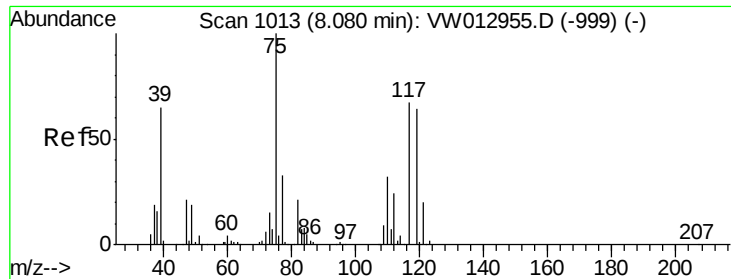
Tgt Ion:114 Resp: 450036
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.5 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 53.224 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion:113 Resp: 129970
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 23.4 17.8 26.8

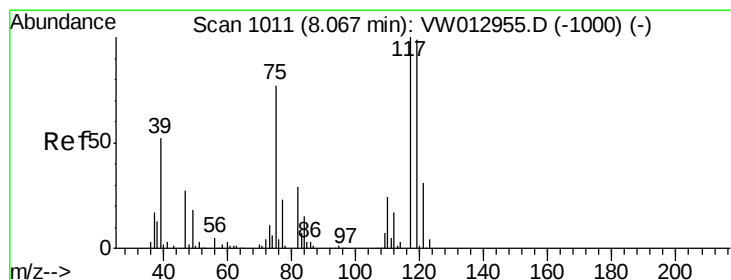
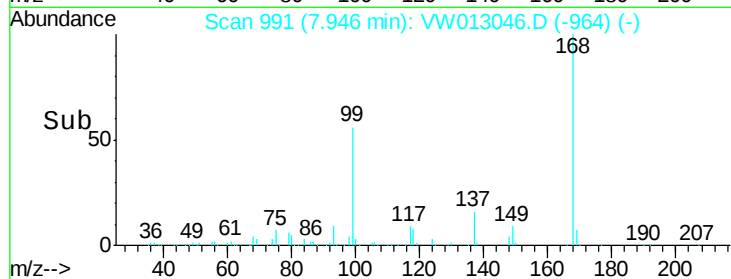
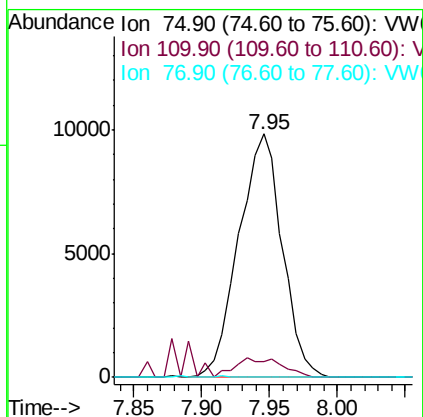
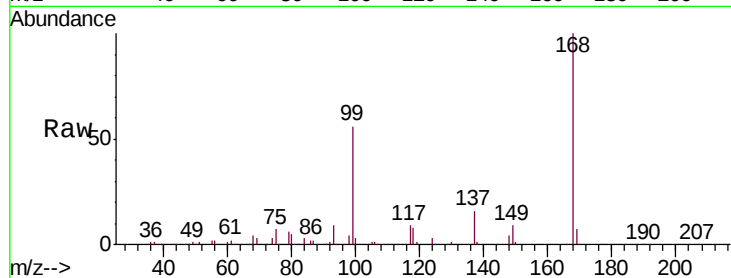




#36
 1,1-Dichloropropene
 Concen: 6.104 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

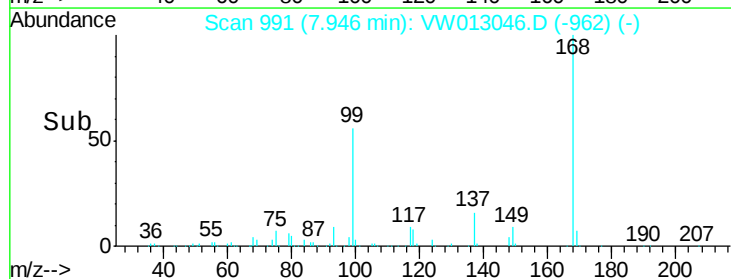
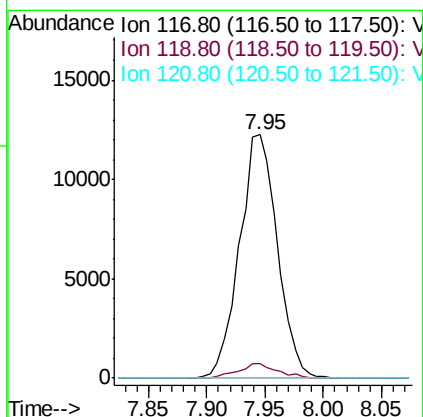
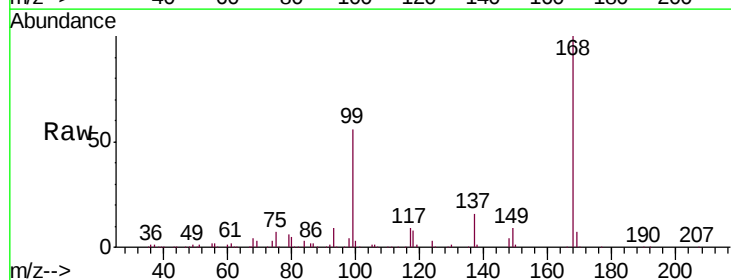
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

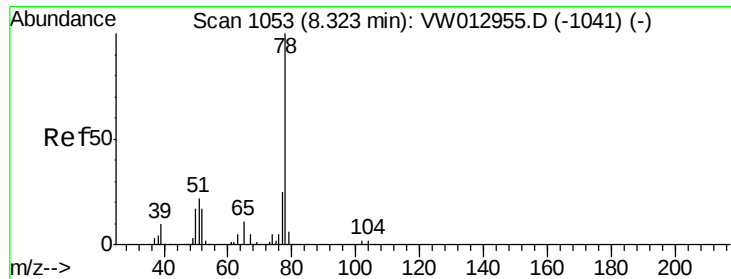
Tgt Ion: 75 Resp: 21950
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.4 49.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.510 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion: 117 Resp: 27676
 Ion Ratio Lower Upper
 117 100
 119 5.8 79.4 119.0#
 121 0.0 24.6 36.8#





#40

Benzene

Concen: 1108.402 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

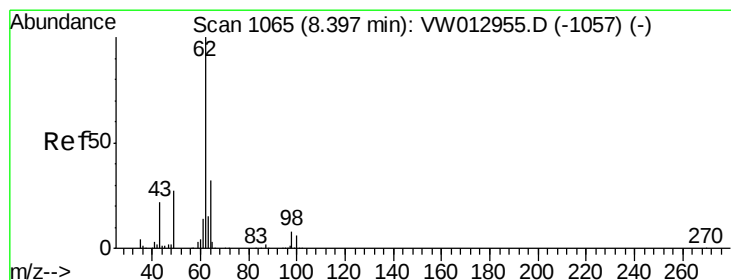
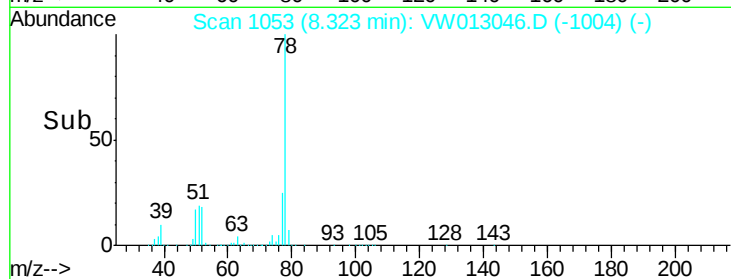
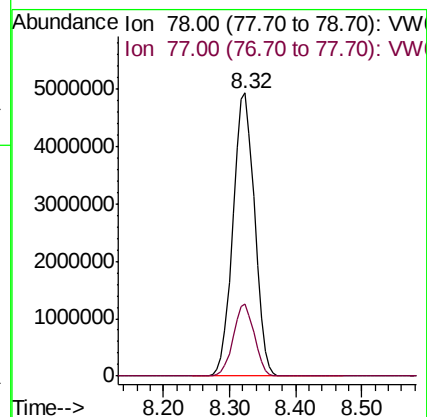
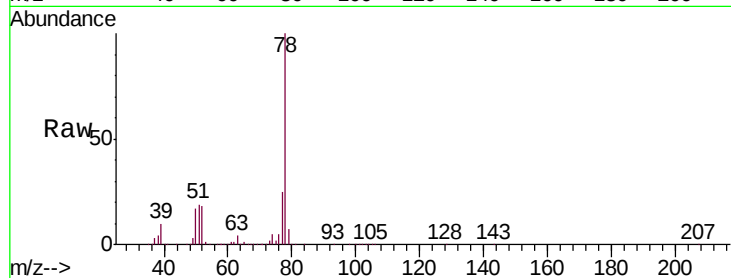
AOC-7(7)

Tgt Ion: 78 Resp: 11127590

Ion Ratio Lower Upper

78 100

77 25.4 19.6 29.4



#42

1,2-Dichloroethane

Concen: 30.003 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.07 min

Lab File: VW013046.D

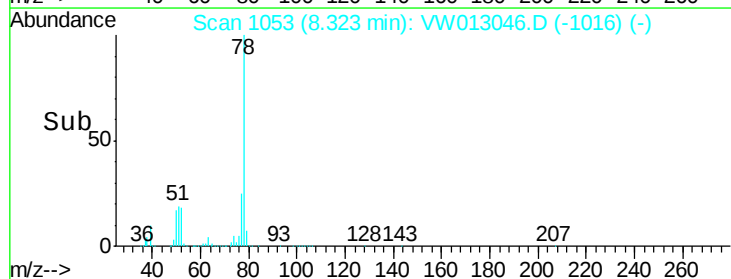
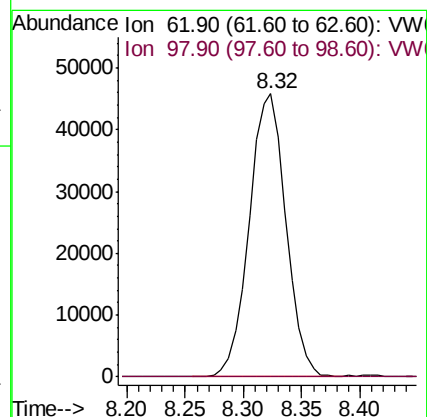
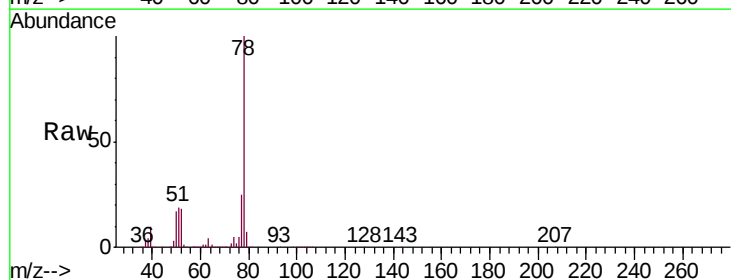
Acq: 16 Sep 2019 17:16

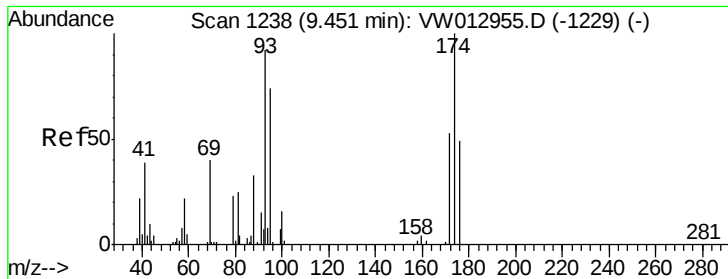
Tgt Ion: 62 Resp: 100973

Ion Ratio Lower Upper

62 100

98 0.2 0.0 16.8

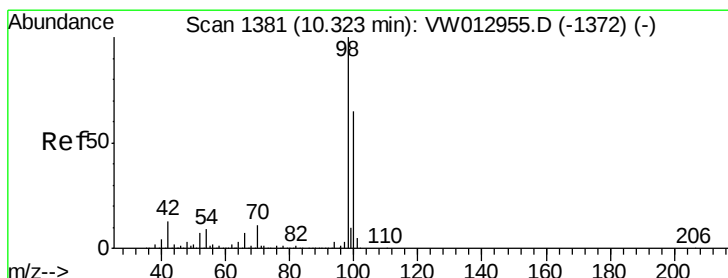
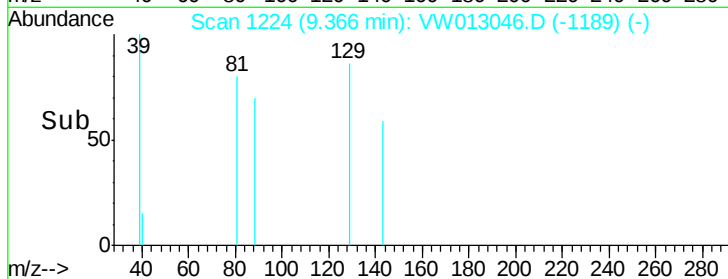
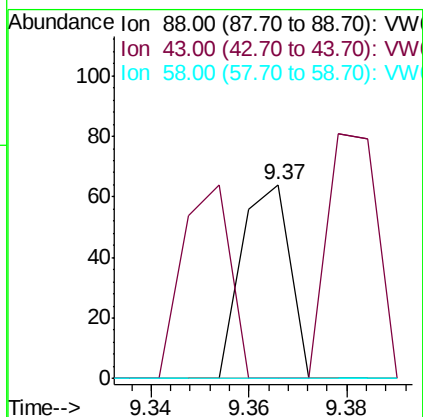
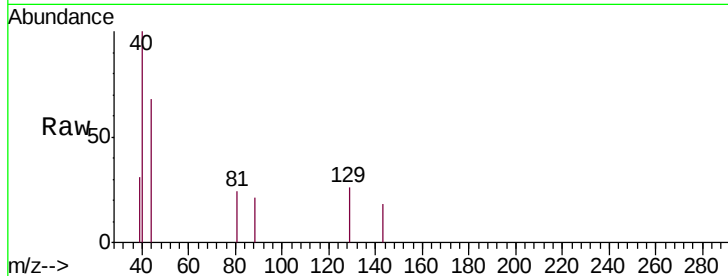




#49
 1,4-Dioxane
 Concen: 2.055 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.09 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

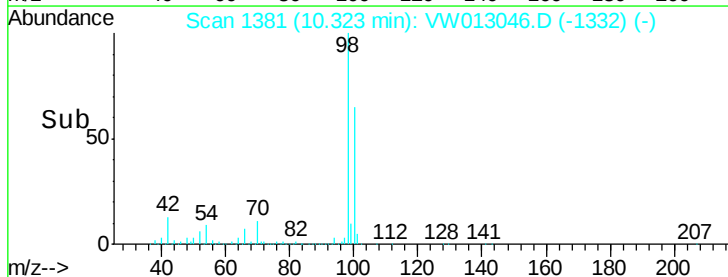
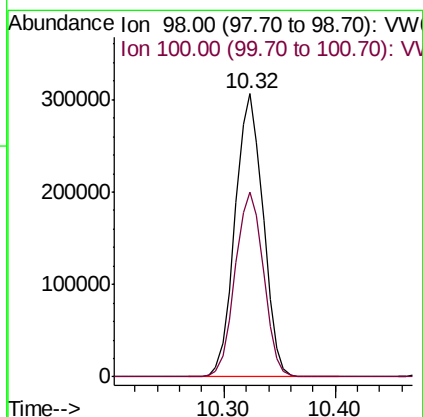
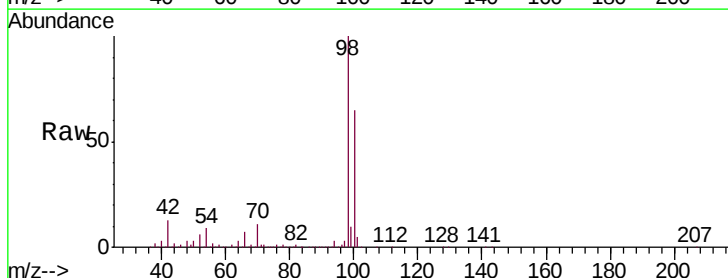
Instrument :
 MSVOA_W
 ClientSampled :
 AOC-7(7)

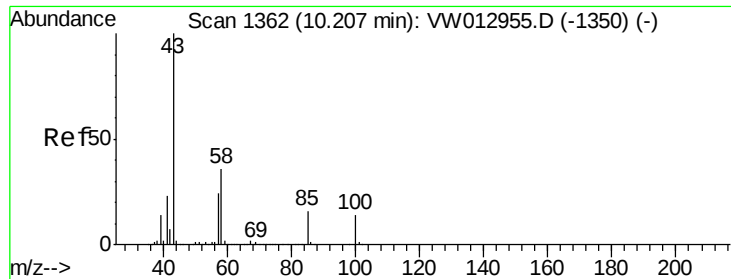
Tgt Ion: 88 Resp: 44
 Ion Ratio Lower Upper
 88 100
 43 97.7 31.3 46.9#
 58 0.0 60.2 90.2#



#50
 Toluene-d8
 Concen: 55.951 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion: 98 Resp: 534642
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 67.951 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.18 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

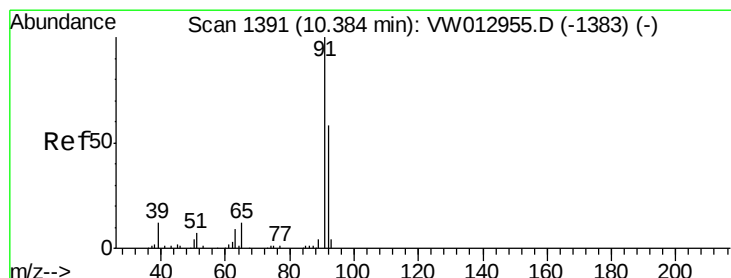
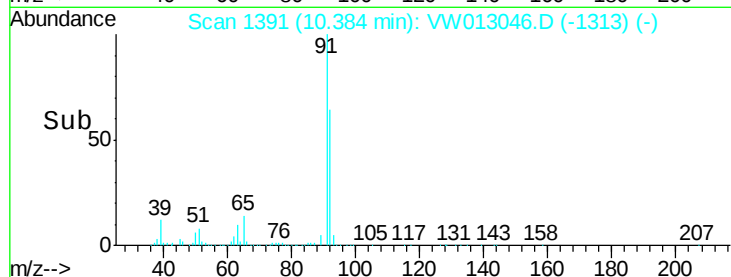
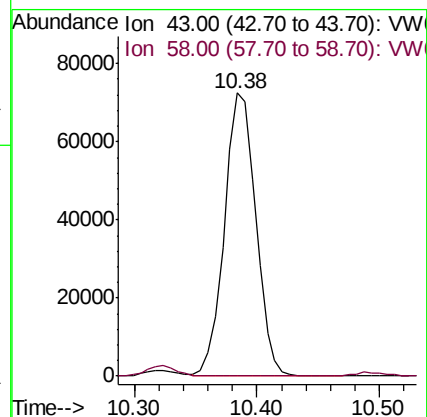
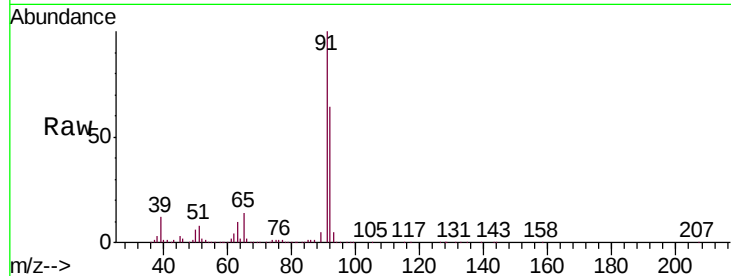
AOC-7(7)

Tgt Ion: 43 Resp: 128573

Ion Ratio Lower Upper

43 100

58 0.2 29.5 44.3#



#52

Toluene

Concen: 1313.792 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013046.D

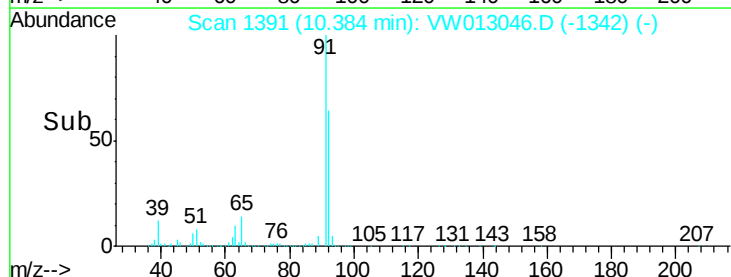
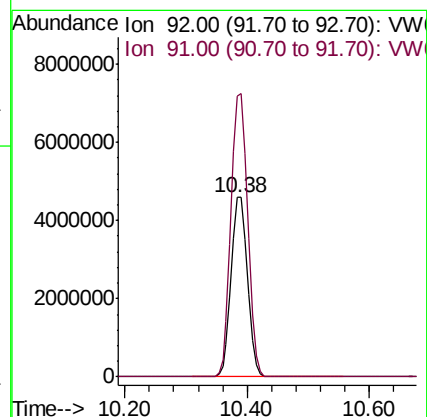
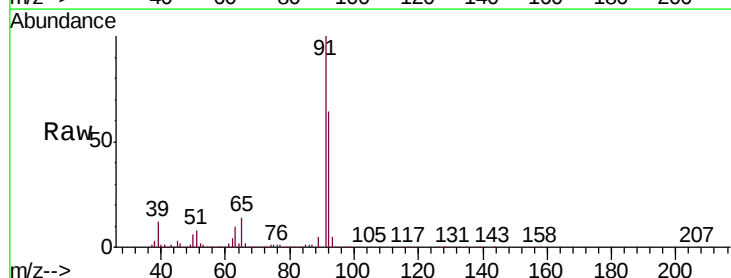
Acq: 16 Sep 2019 17:16

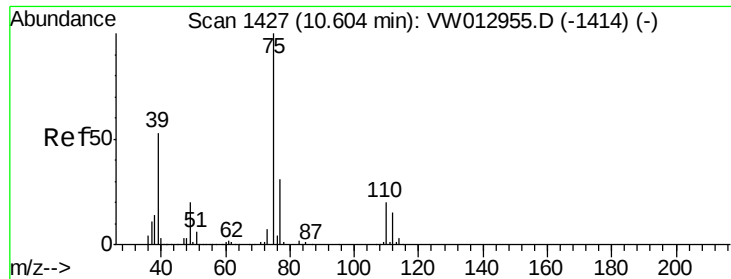
Tgt Ion: 92 Resp: 8381185

Ion Ratio Lower Upper

92 100

91 162.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 28.138 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.21 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

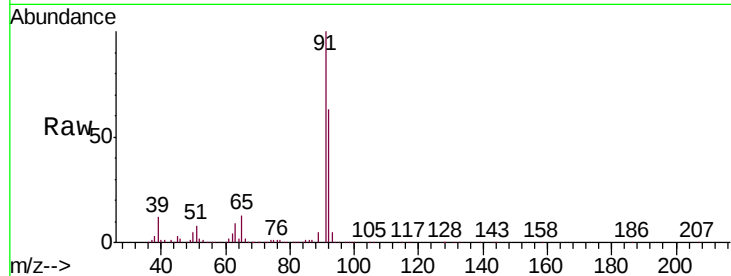
AOC-7(7)

Tgt Ion: 75 Resp: 101438

Ion Ratio Lower Upper

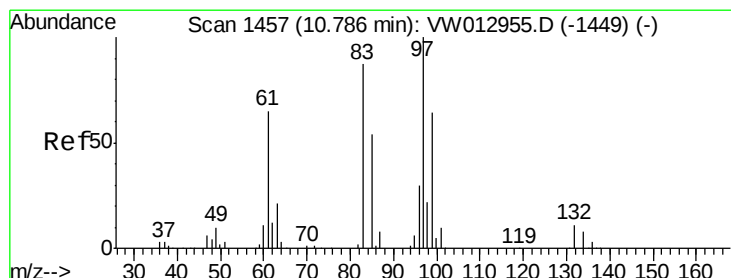
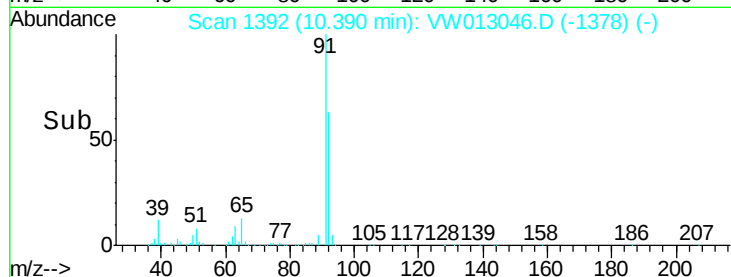
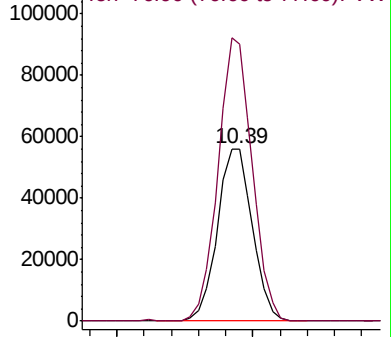
75 100

77 160.2 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 18.421 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.14 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Tgt Ion: 97 Resp: 35860

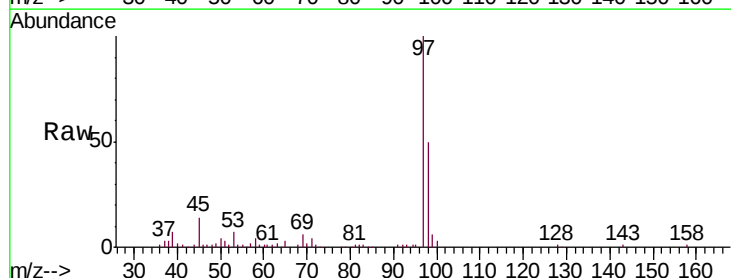
Ion Ratio Lower Upper

97 100

83 0.6 69.4 104.0#

85 0.3 43.3 64.9#

99 6.1 50.9 76.3#

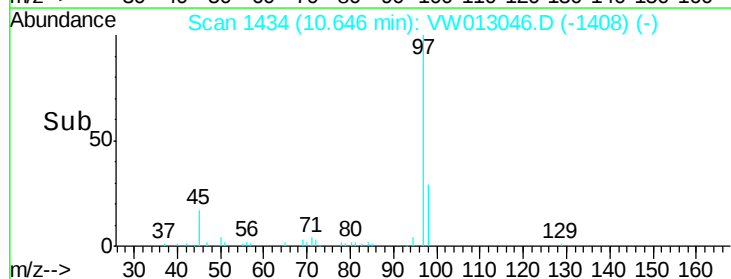
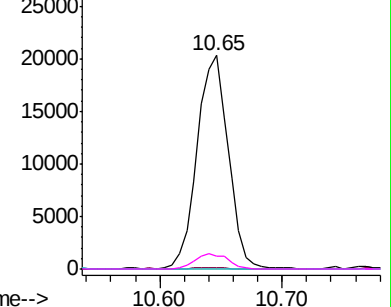


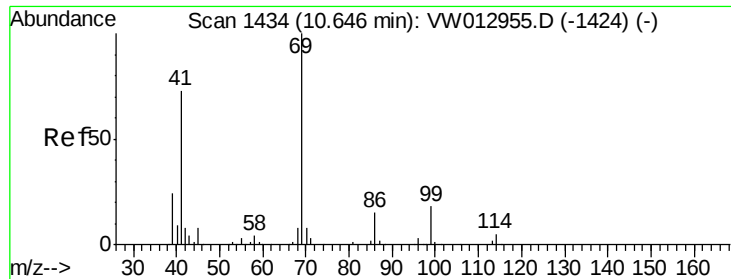
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

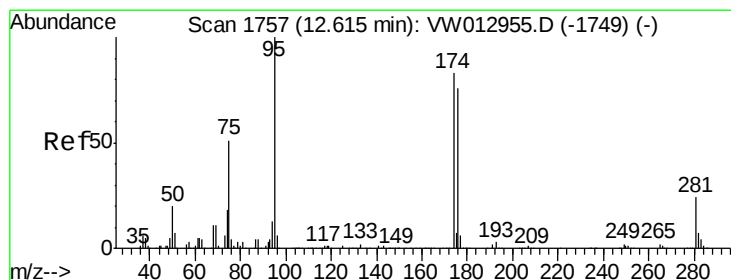
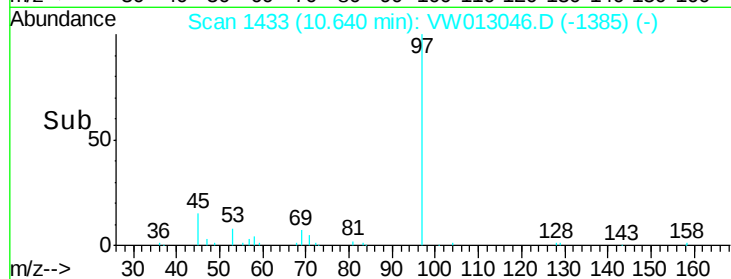
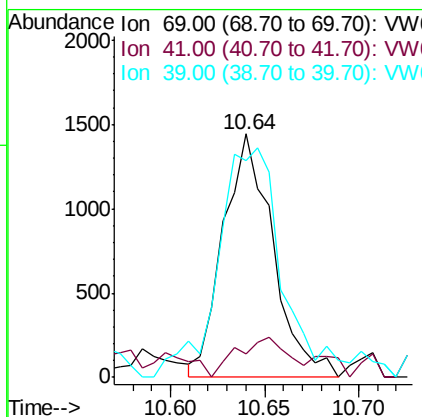
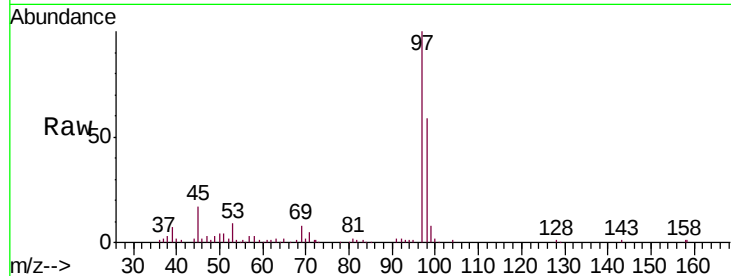




#56
Ethyl methacrylate
Concen: 1.009 ug/l
RT: 10.64 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

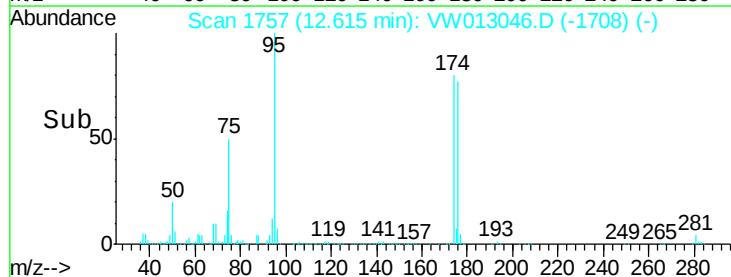
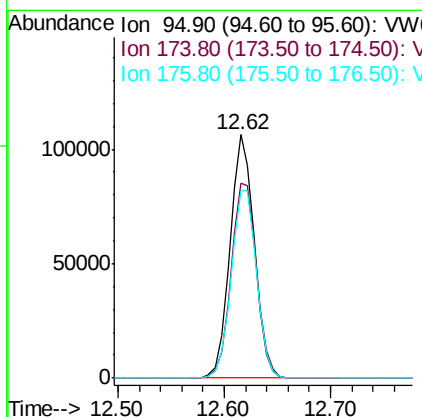
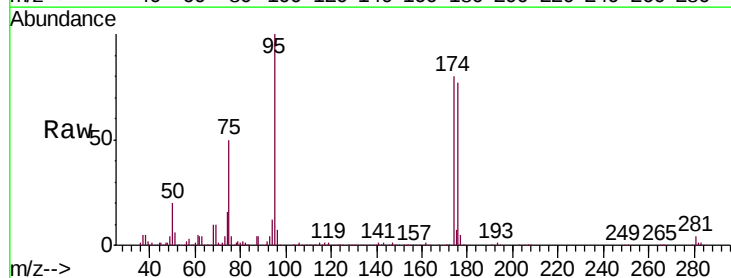
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(7)

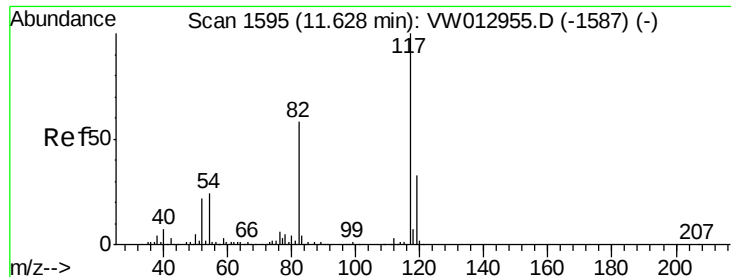
Tgt Ion: 69 Resp: 2643
Ion Ratio Lower Upper
69 100
41 0.0 60.8 91.2#
39 0.0 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 49.181 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion: 95 Resp: 168985
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.4
176 80.9 0.0 164.6

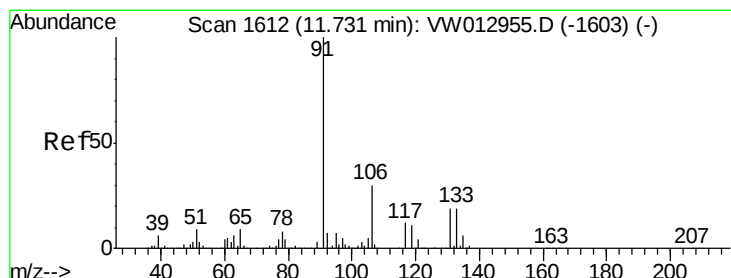
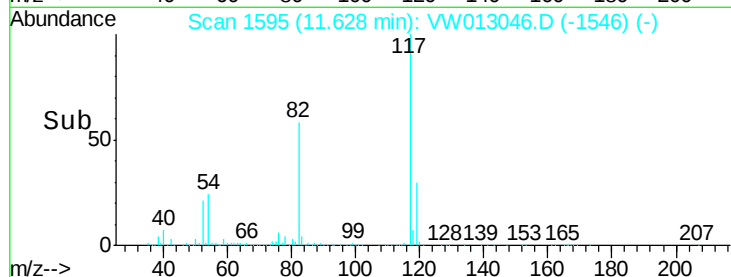
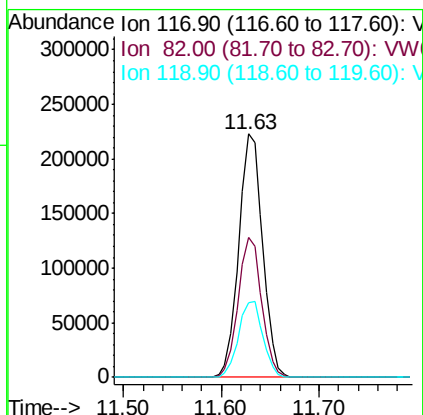
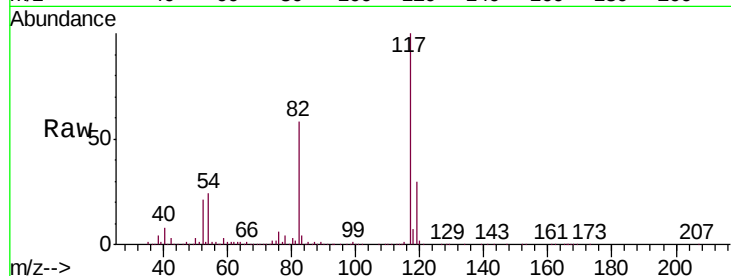




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

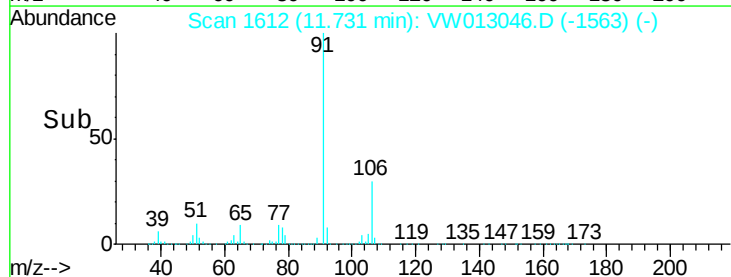
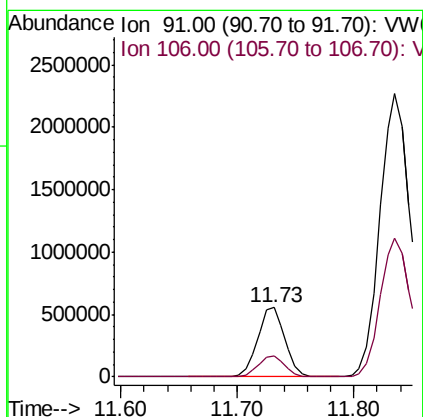
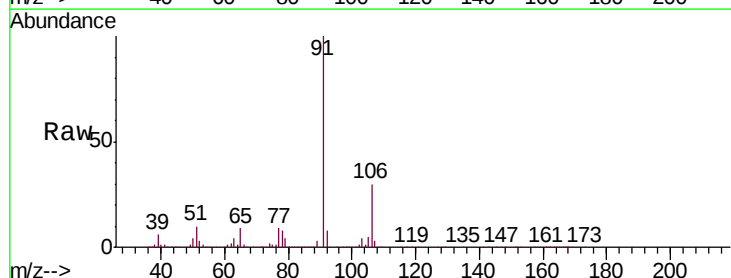
Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(7)

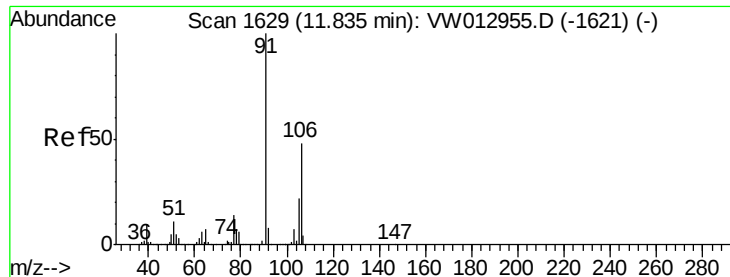
Tgt Ion: 117 Resp: 376611
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 30.4 26.2 39.4



#67
Ethyl Benzene
Concen: 72.553 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion: 91 Resp: 898887
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

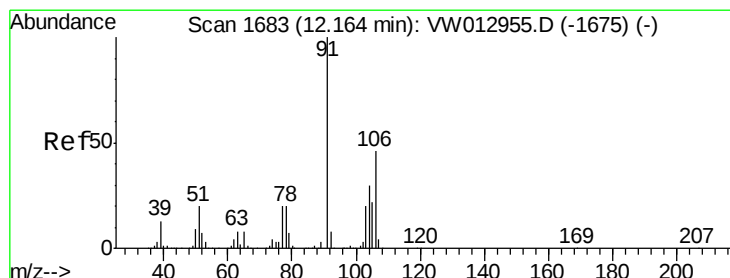
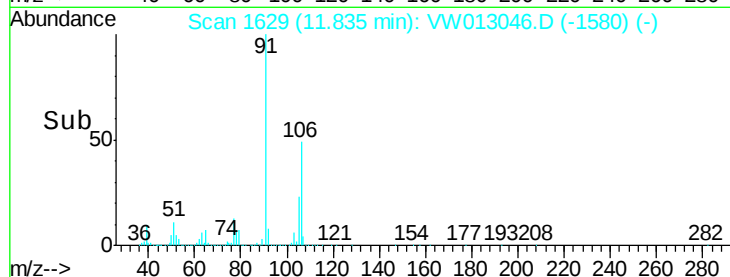
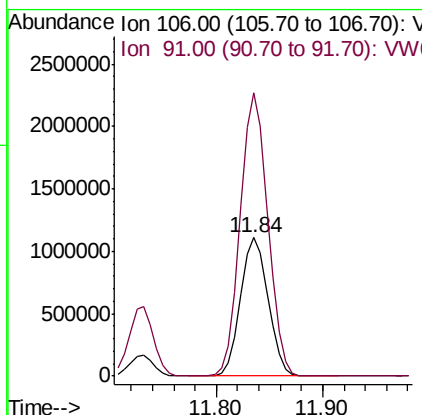
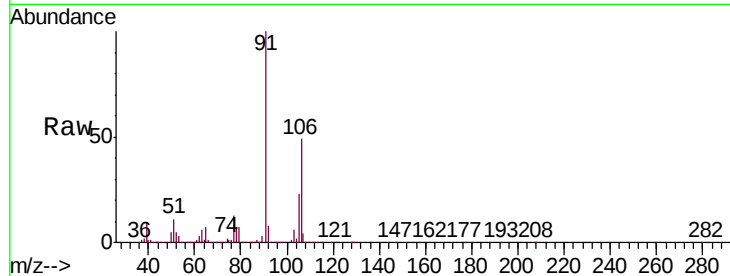




#68
m/p-Xylenes
Concen: 449.034 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

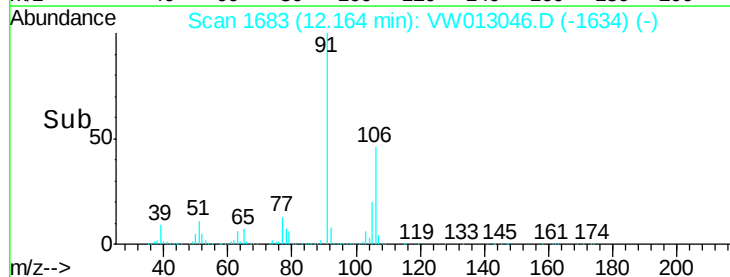
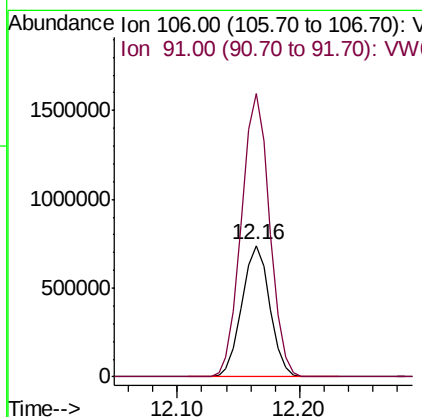
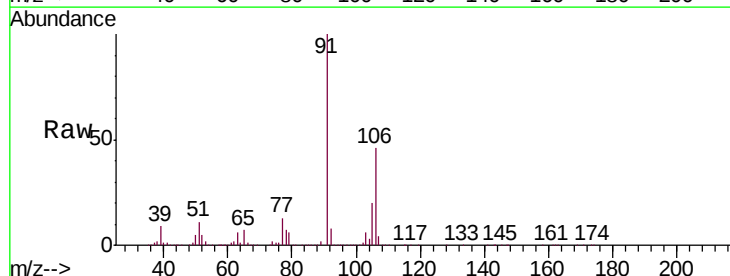
Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(7)

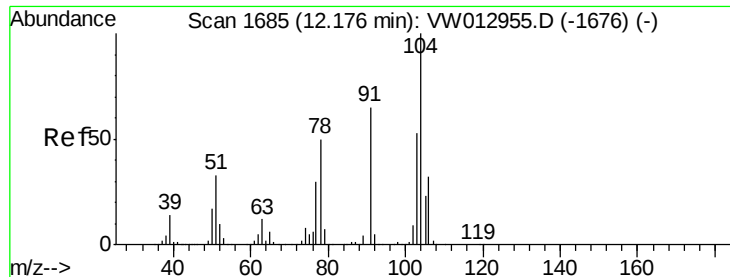
Tgt Ion:106 Resp: 2032338
Ion Ratio Lower Upper
106 100
91 203.8 165.8 248.8



#69
o-Xylene
Concen: 276.893 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion:106 Resp: 1174922
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0





#70

Styrene

Concen: 10.221 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(7)

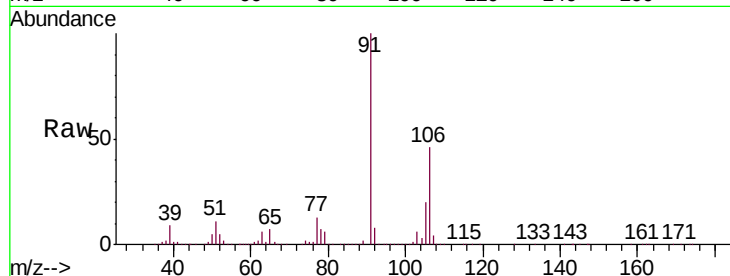
Tgt Ion:104 Resp: 77151

Ion Ratio Lower Upper

104 100

78 235.5 42.1 63.1#

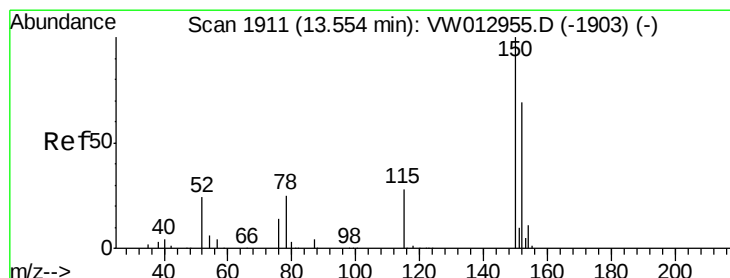
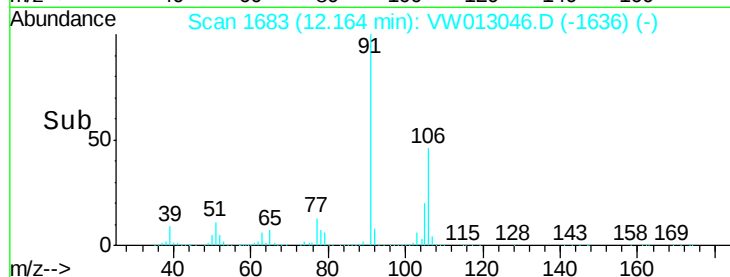
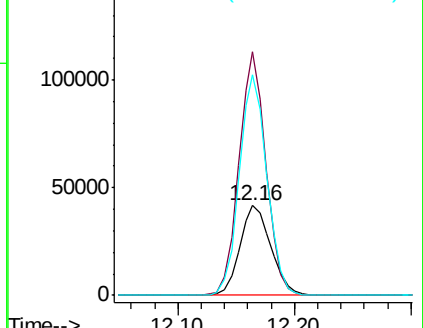
103 218.4 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

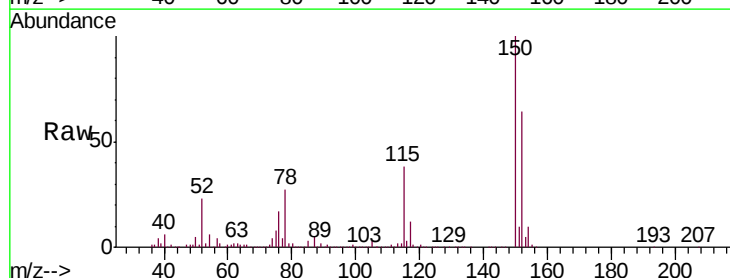
Tgt Ion:152 Resp: 156855

Ion Ratio Lower Upper

152 100

115 72.8 28.8 86.4

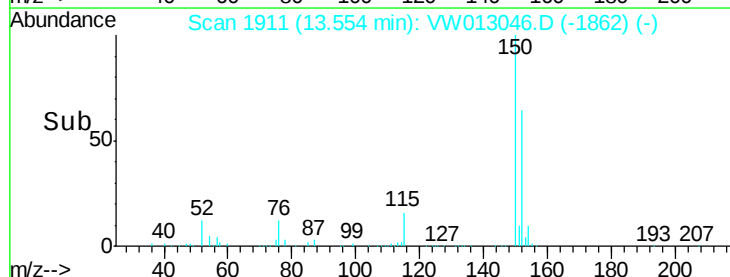
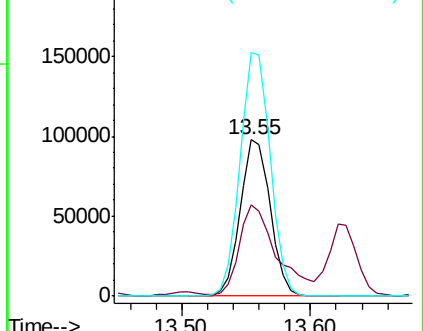
150 157.7 0.0 340.2

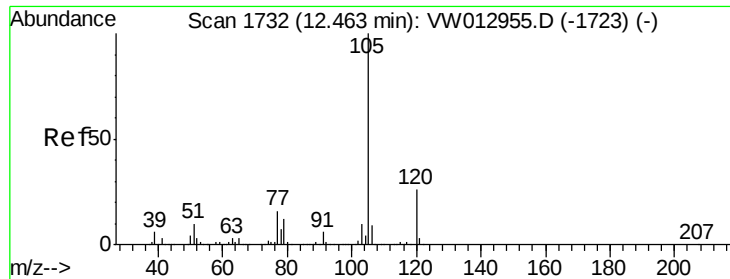


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7.897 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

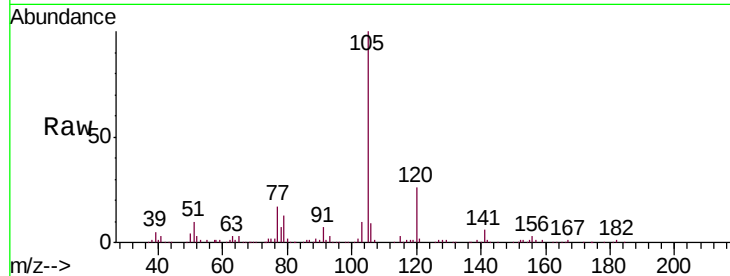
AOC-7(7)

Tgt Ion:105 Resp: 82100

Ion Ratio Lower Upper

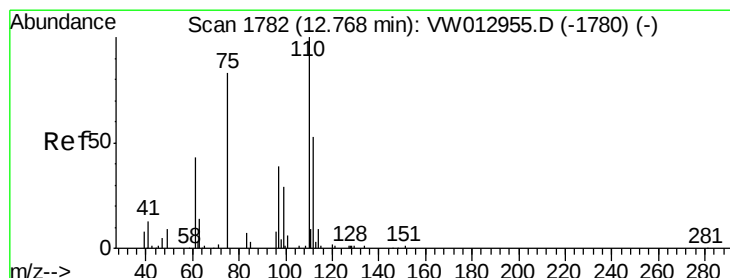
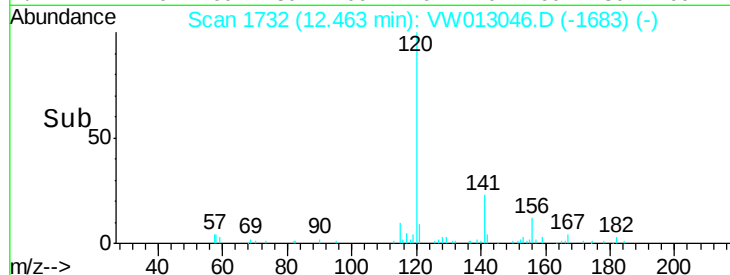
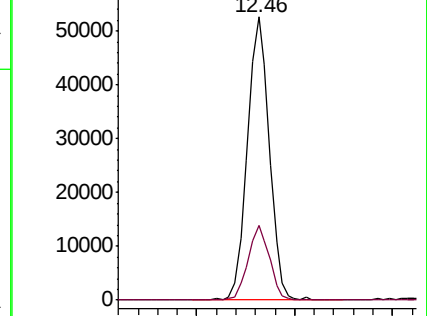
105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 2.039 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW013046.D

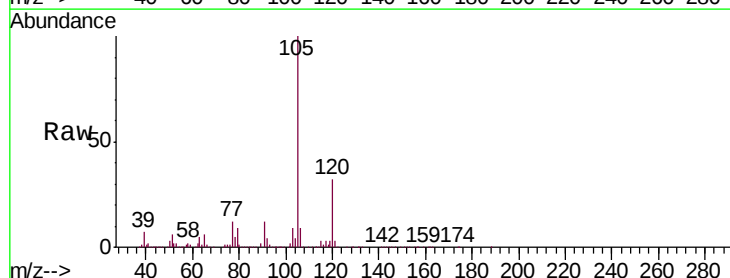
Acq: 16 Sep 2019 17:16

Tgt Ion: 75 Resp: 2801

Ion Ratio Lower Upper

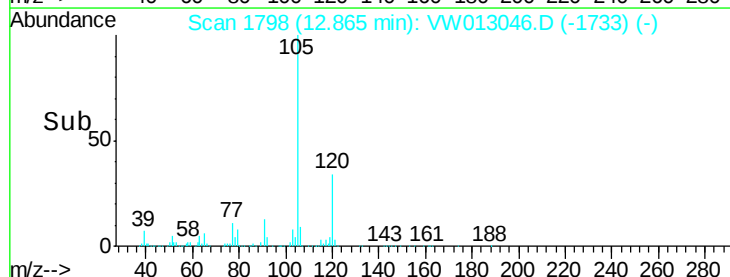
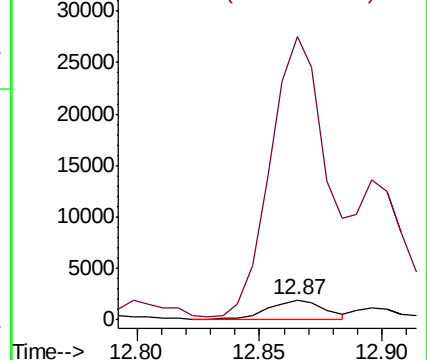
75 100

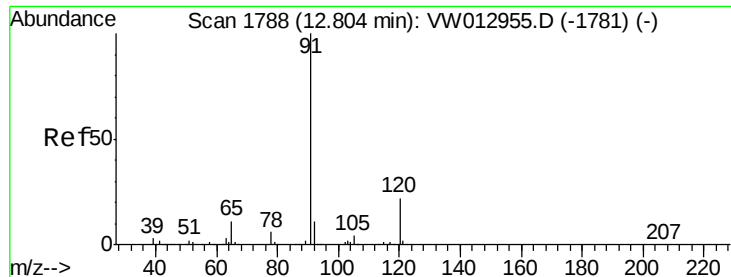
77 1534.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 4.891 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

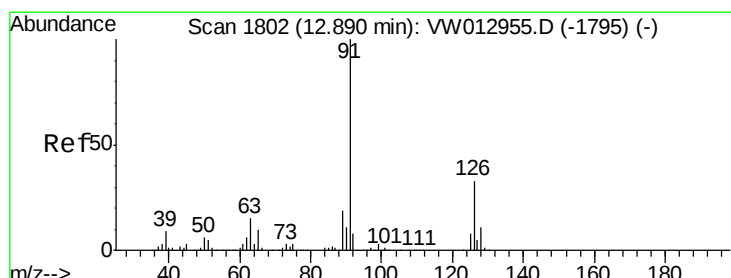
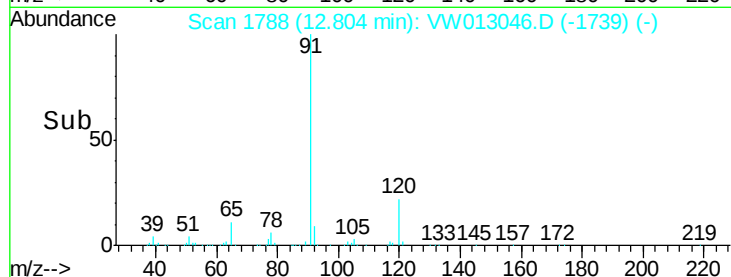
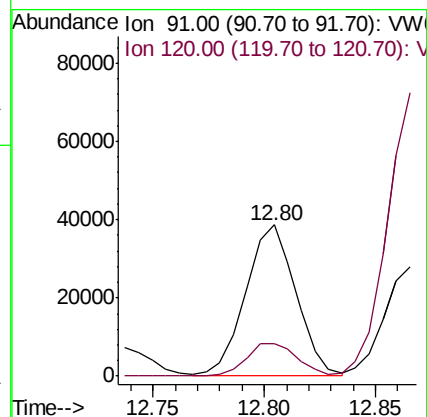
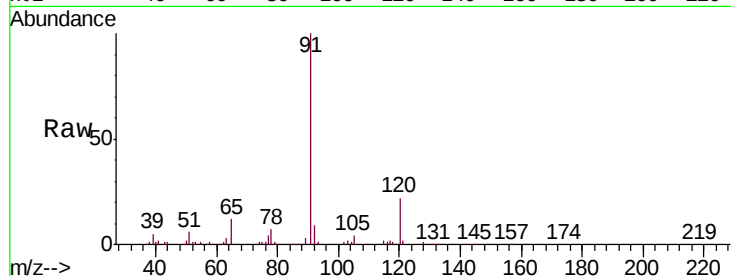
AOC-7(7)

Tgt Ion: 91 Resp: 59812

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5



#79

2-Chlorotoluene

Concen: 6.825 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.02 min

Lab File: VW013046.D

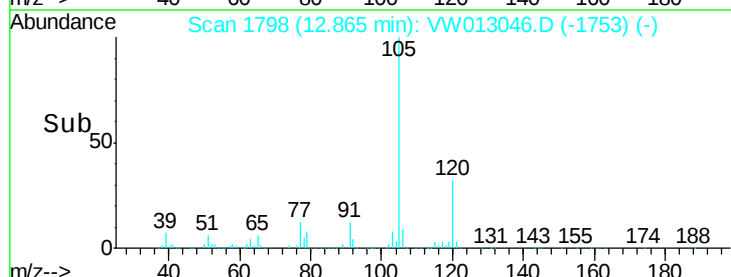
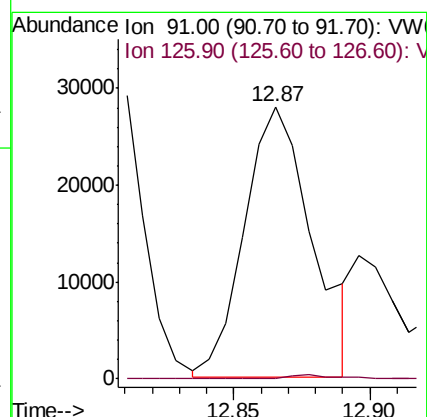
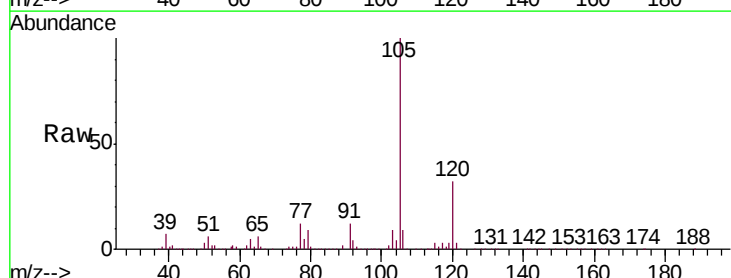
Acq: 16 Sep 2019 17:16

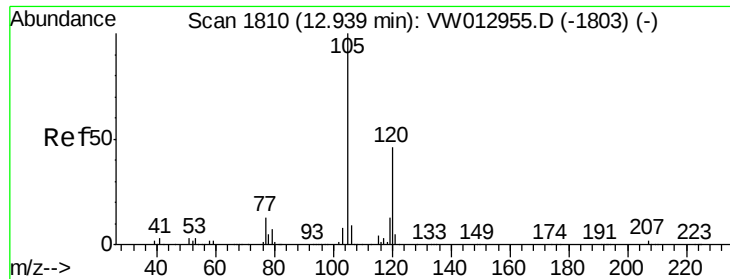
Tgt Ion: 91 Resp: 47979

Ion Ratio Lower Upper

91 100

126 1.2 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 74.663 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

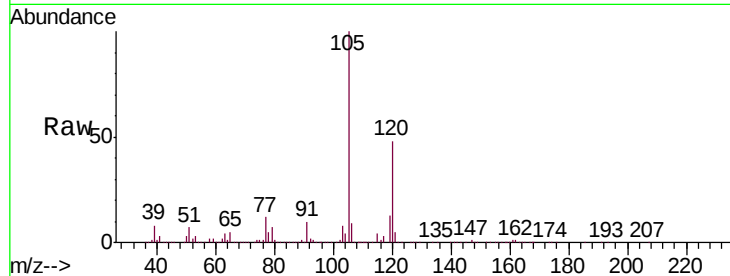
AOC-7(7)

Tgt Ion:105 Resp: 656712

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.94

400000

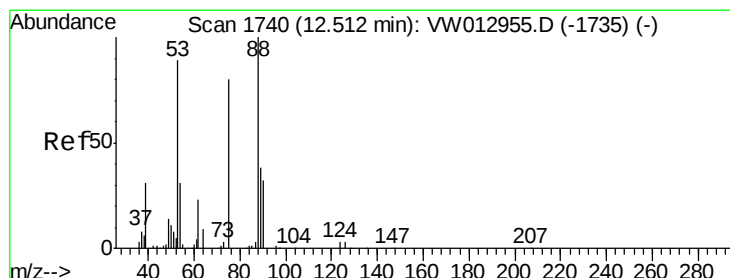
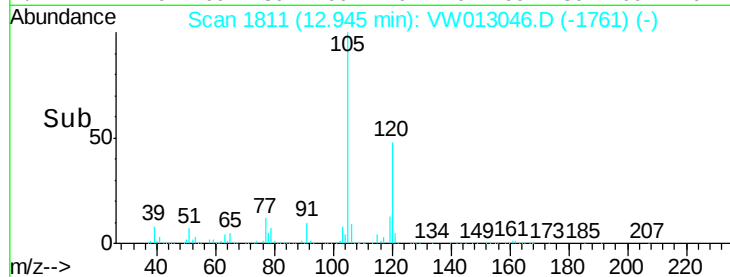
300000

200000

100000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 142.787 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

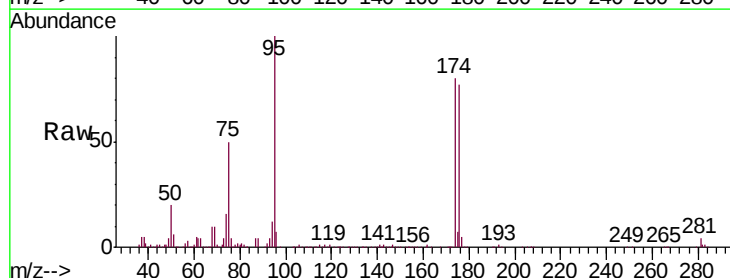
Tgt Ion: 75 Resp: 86480

Ion Ratio Lower Upper

75 100

53 0.1 85.6 128.4#

89 0.0 37.2 55.8#



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

12.62

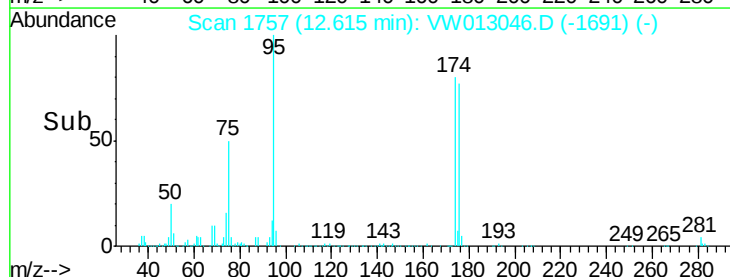
60000

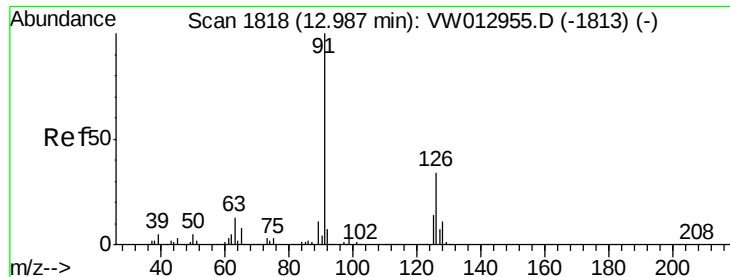
40000

20000

0

Time-->

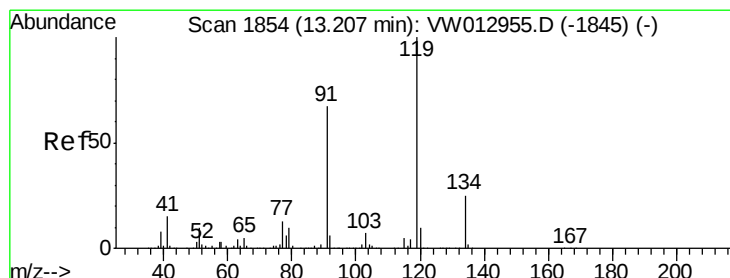
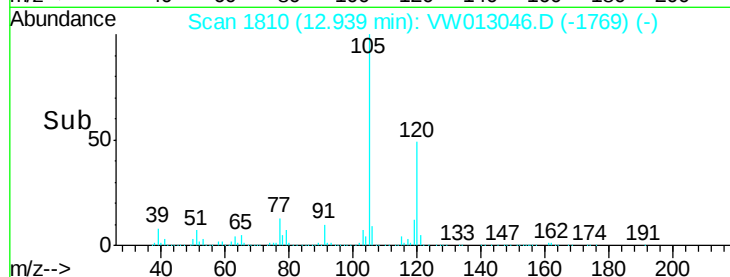
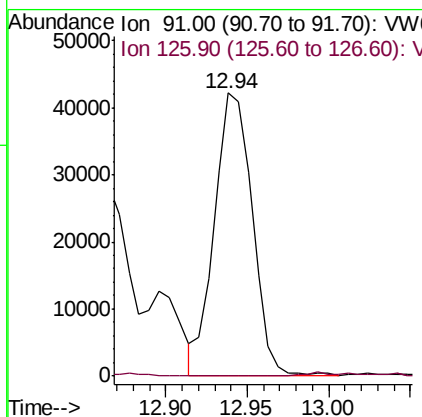
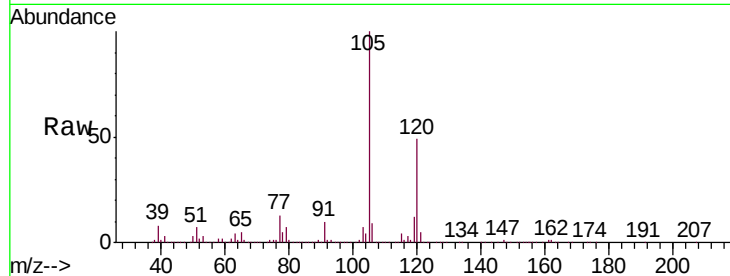




#82
4-Chlorotoluene
Concen: 9.124 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.05 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

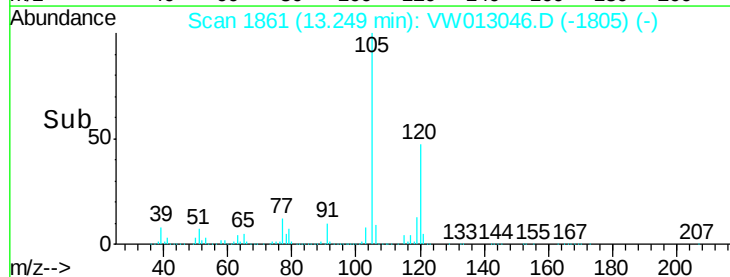
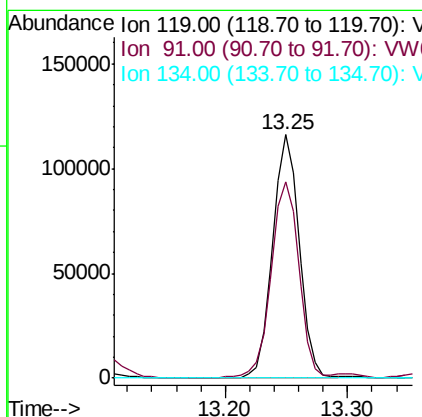
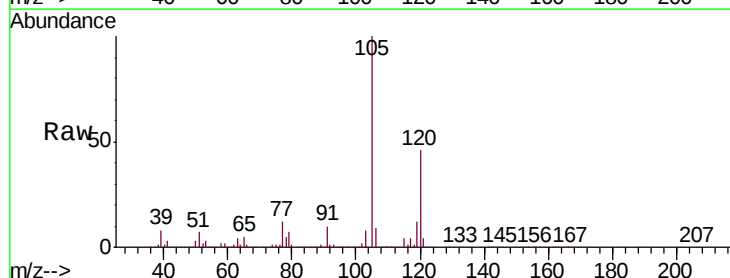
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(7)

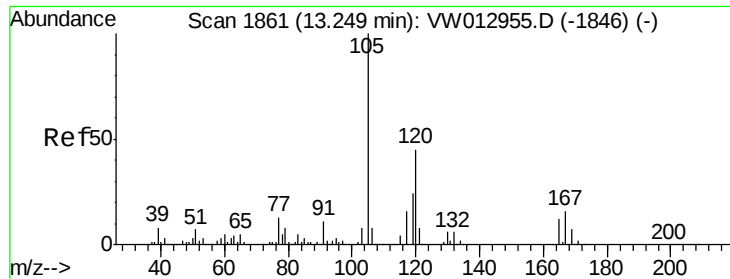
Tgt Ion: 91 Resp: 67683
Ion Ratio Lower Upper
91 100
126 0.3 16.1 48.3#



#83
tert-Butylbenzene
Concen: 22.296 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion: 119 Resp: 175411
Ion Ratio Lower Upper
119 100
91 83.9 32.6 98.0
134 0.0 12.4 37.4#

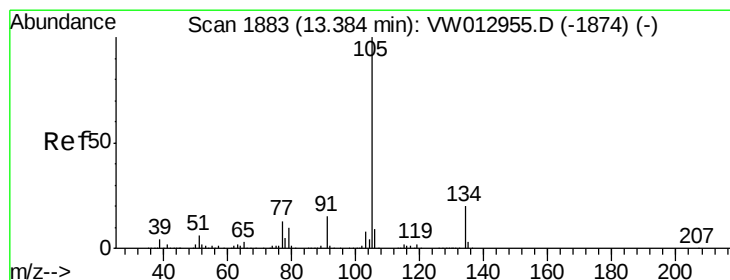
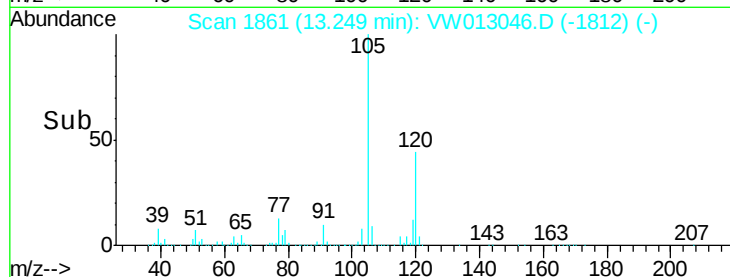
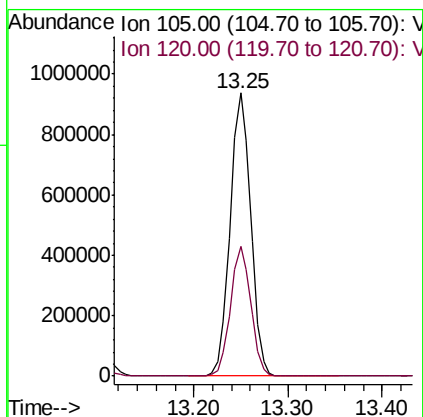
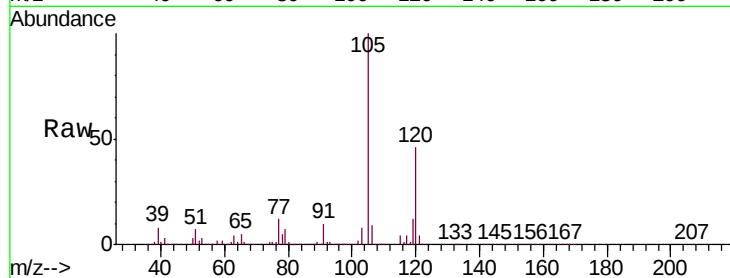




#84
 1,2,4-Trimethylbenzene
 Concen: 163.304 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

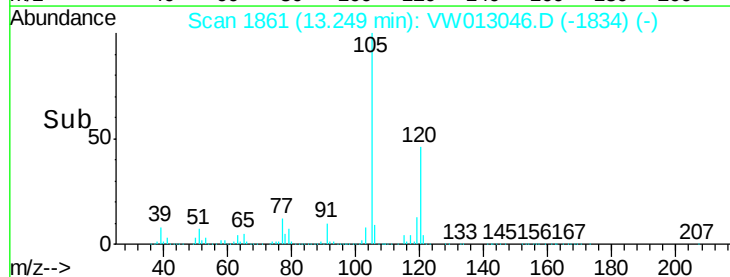
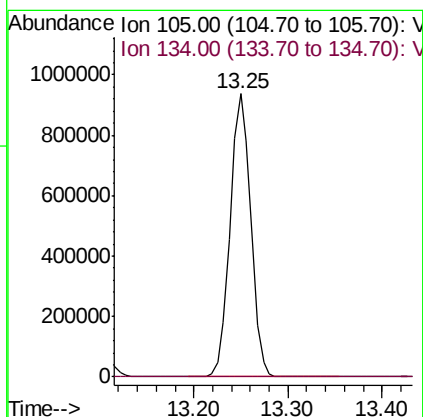
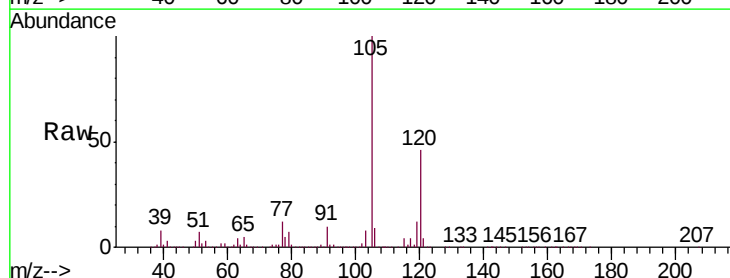
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

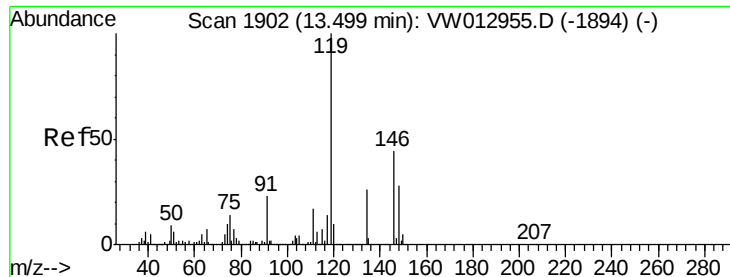
Tgt Ion:105 Resp: 1419367
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 132.417 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.13 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion:105 Resp: 1419367
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 2.838 ug/l

RT: 13.44 min Scan# 1892

Delta R.T. -0.06 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(7)

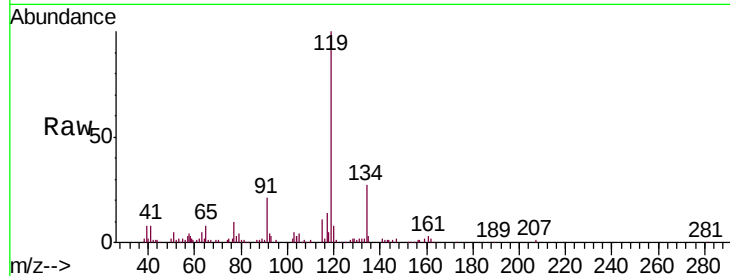
Tgt Ion:119 Resp: 27929

Ion Ratio Lower Upper

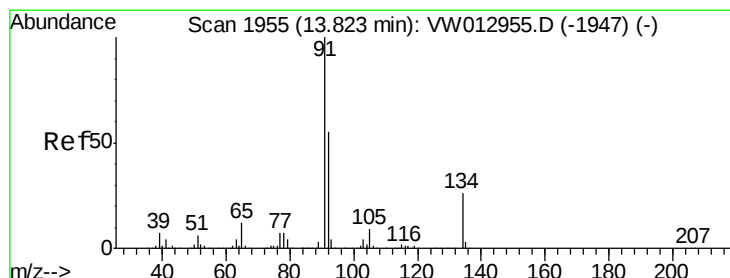
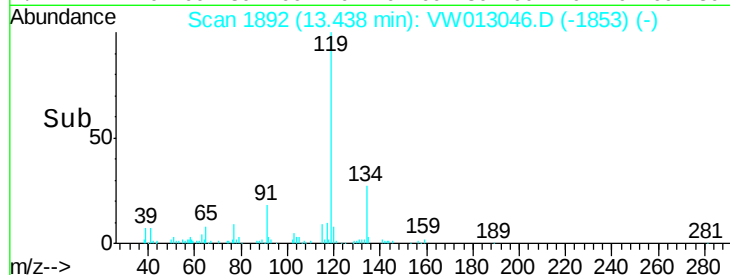
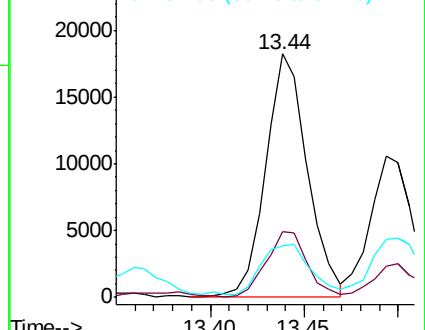
119 100

134 26.6 12.8 38.3

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 8.799 ug/l

RT: 13.76 min Scan# 1944

Delta R.T. -0.07 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

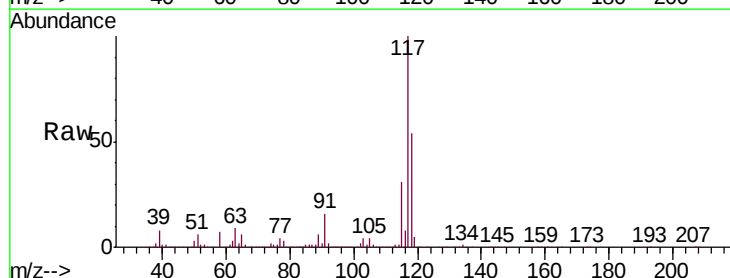
Tgt Ion: 91 Resp: 81663

Ion Ratio Lower Upper

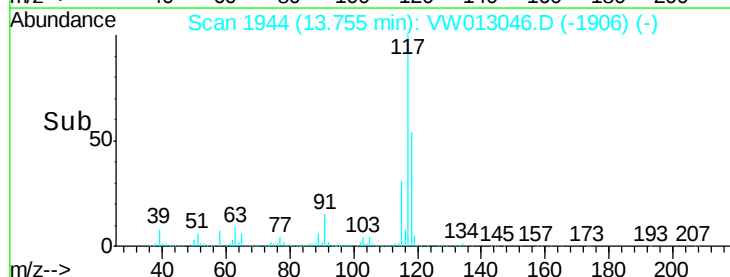
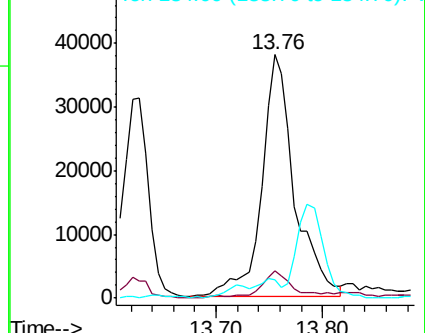
91 100

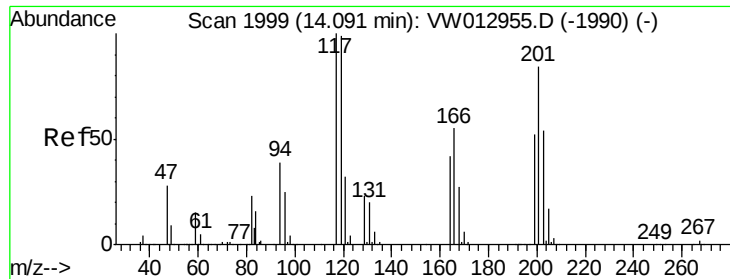
92 8.7 27.2 81.5#

134 4.7 13.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 11.506 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

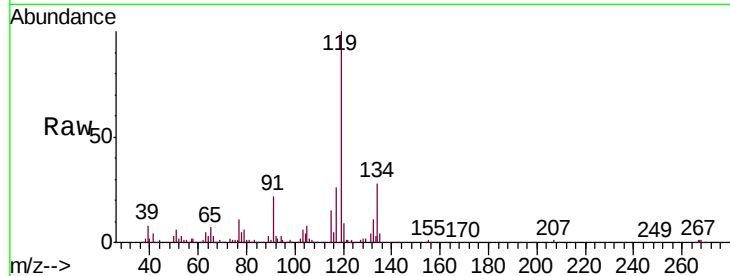
AOC-7(7)

Tgt Ion:117 Resp: 20291

Ion Ratio Lower Upper

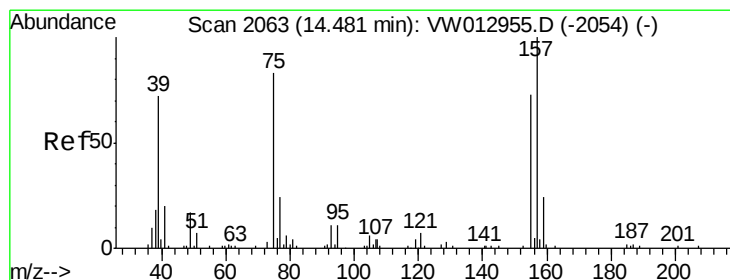
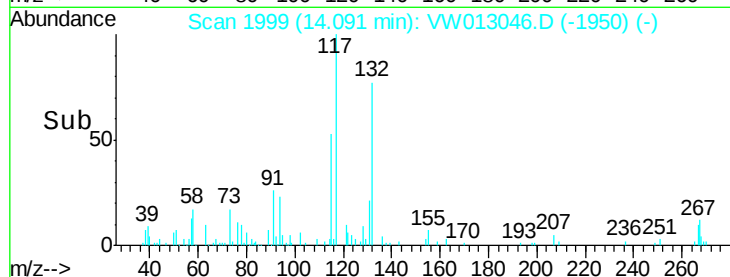
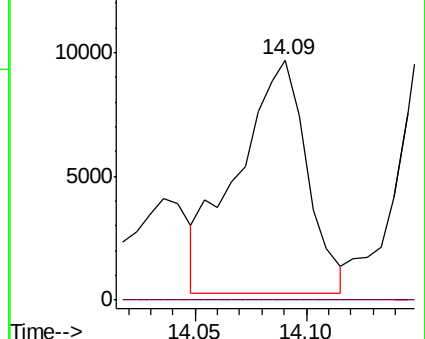
117 100

201 0.0 45.3 135.9#



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: 2.208 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

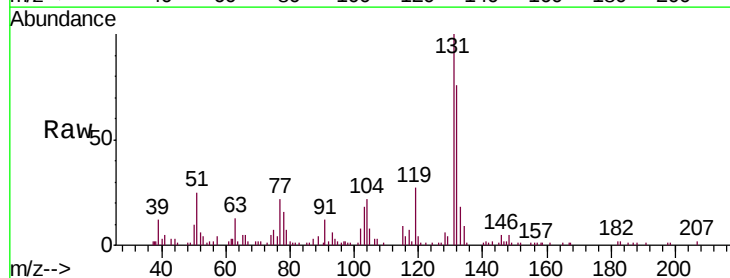
Tgt Ion: 75 Resp: 738

Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.9#

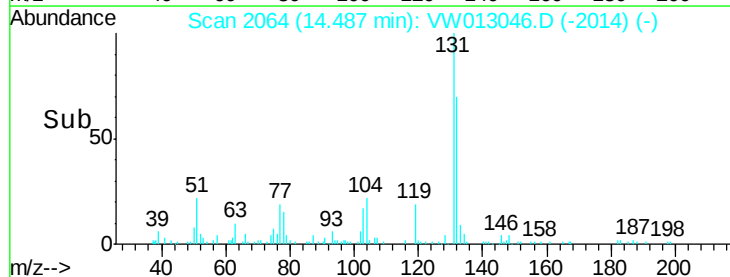
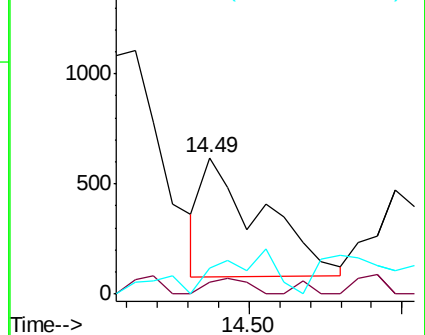
157 41.2 54.7 164.1#

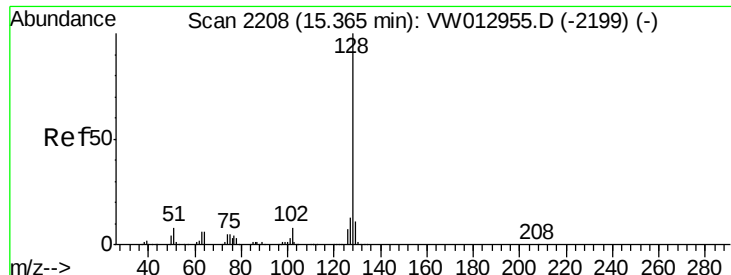


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 2592.050 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(7)

Tgt Ion:128 Resp:12878805
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.6
129 11.6 8.6 12.8

