

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010574.D
 Acq On : 28 May 2019 18:23
 Operator : SY/VA
 Sample : K3065-09
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-15-2.0

Quant Time: May 29 07:03:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28824	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	21340	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	20051	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	10.32	98	85342	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.62	95	31649	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	

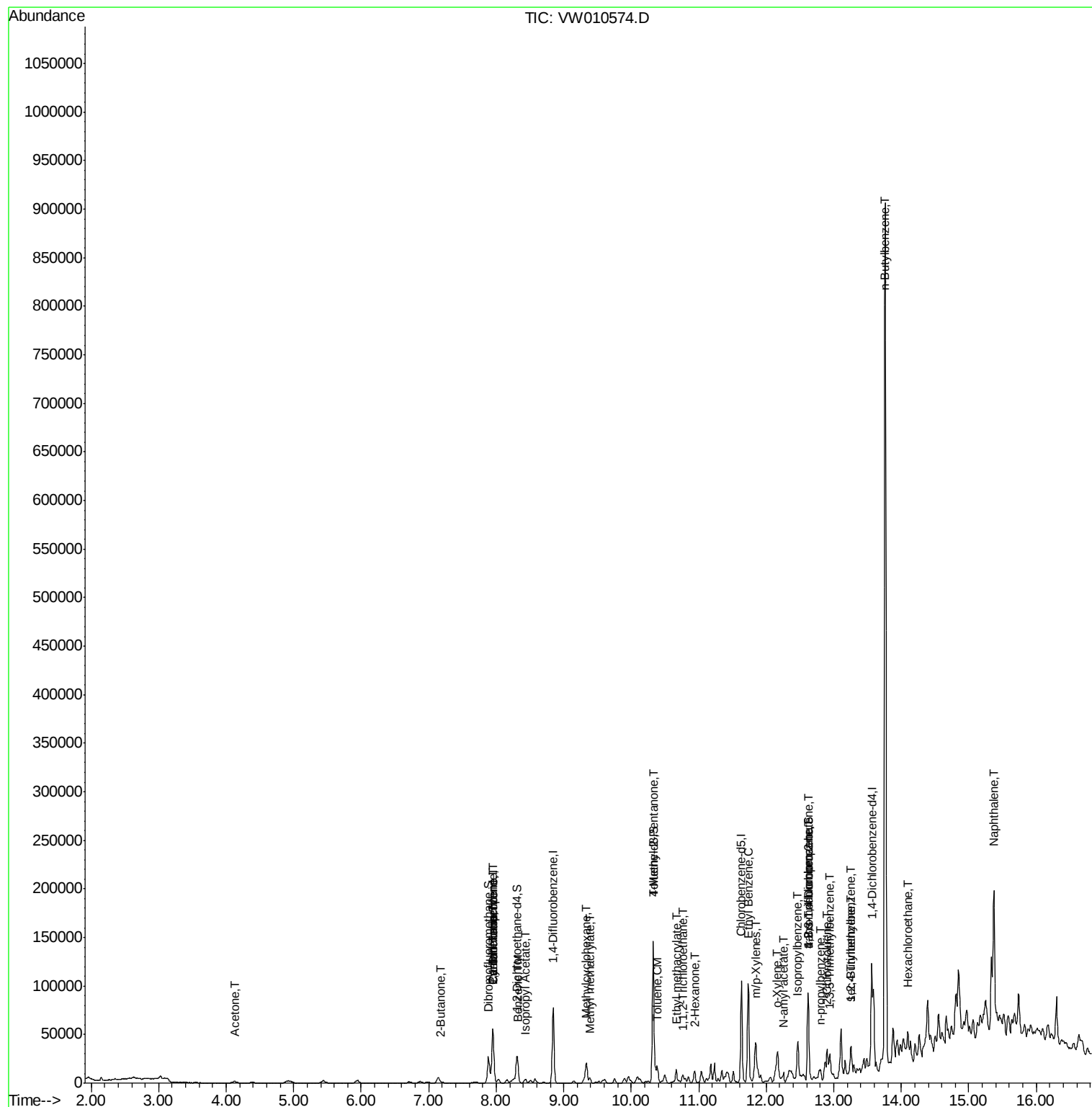
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	4.10	56	31	Below Cal	#	28
16) Acetone	4.12	43	2991	35.338	ug/l #	85
20) Methylene Chloride	4.92	84	1089	Below Cal	#	79
25) 2-Butanone	7.18	43	162	1.337	ug/l #	45
31) Cyclohexane	7.95	56	2388	3.033	ug/l #	47
36) 1,1-Dichloropropene	7.95	75	3122	4.826	ug/l #	45
38) Carbon Tetrachloride	7.95	117	4216	6.041	ug/l #	16
39) Methylcyclohexane	9.34	83	8025	9.259	ug/l	95
40) Benzene	8.33	78	2922	1.625	ug/l	97
43) Isopropyl Acetate	8.43	43	883	1.607	ug/l #	49
48) Methyl methacrylate	9.38	41	1018	4.049	ug/l #	25
51) 4-Methyl-2-Pentanone	10.32	43	1424	5.113	ug/l	87
52) Toluene	10.39	92	7739	6.409	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	3069	8.546	ug/l #	24
56) Ethyl methacrylate	10.66	69	1503	3.035	ug/l #	18
59) 2-Hexanone	10.94	43	4463	22.466	ug/l #	26
67) Ethyl Benzene	11.73	91	74019	31.928	ug/l	100
68) m/p-Xylenes	11.84	106	12021	13.220	ug/l	97
69) o-Xylene	12.17	106	8298	9.632	ug/l	98
73) Isopropylbenzene	12.47	105	25792	11.276	ug/l	99
74) N-amyl acetate	12.26	43	2043	3.898	ug/l #	51
76) 1,2,3-Trichloropropane	12.62	75	15046	51.425	ug/l #	1
78) n-propylbenzene	12.80	91	8249	3.095	ug/l	97
79) 2-Chlorotoluene	12.90	91	2232	1.444	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.94	105	6492	3.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	15046	107.325	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.26	105	16664	8.637	ug/l	99
85) sec-Butylbenzene	13.26	105	16664	7.037	ug/l #	55
89) n-Butylbenzene	13.76	91	77288	37.909	ug/l #	40
90) Hexachloroethane	14.10	117	1093	2.635	ug/l #	15
95) Naphthalene	15.37	128	135540	103.716	ug/l	99

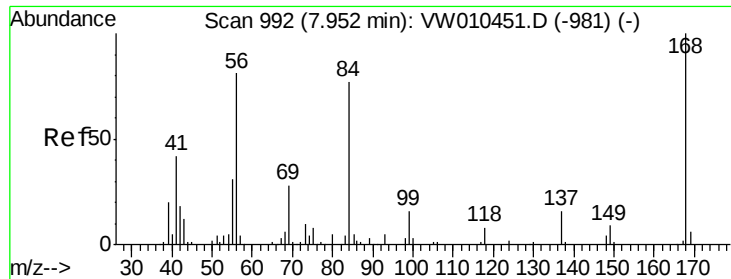
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

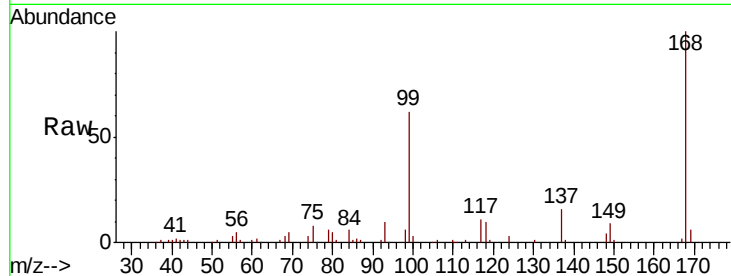
B-13-1.5-2.0

Tot Ion:168 Resp: 40173

Ion Ratio Lower Upper

168 100

99 61.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

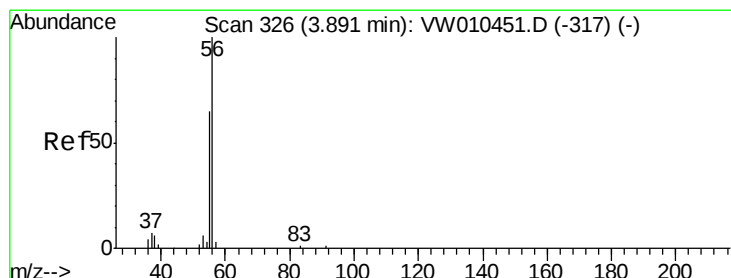
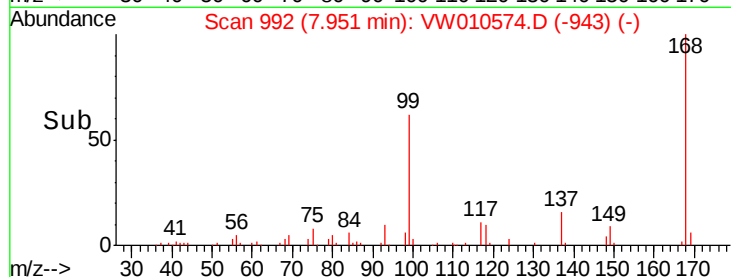
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#13

Acrolein

Concen: Below Cal

RT: 4.10 min Scan# 360

Delta R.T. 0.21 min

Lab File: VW010574.D

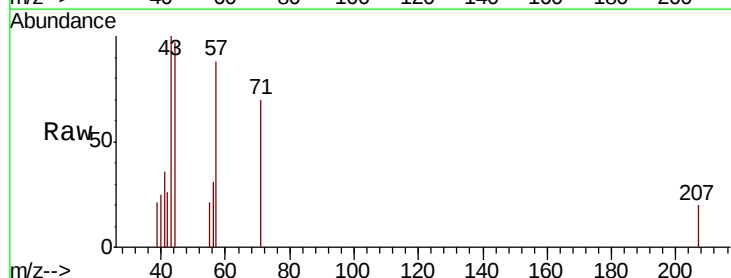
Acq: 28 May 2019 18:23

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 132.3 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

4.10

100

80

60

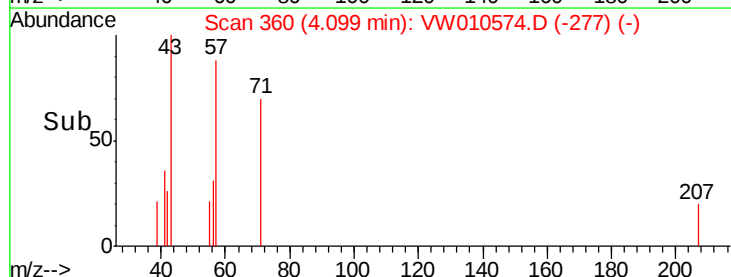
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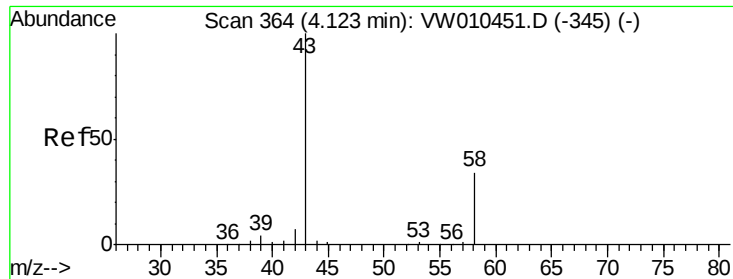
20

0

4.08 4.09 4.10 4.11

Time-->

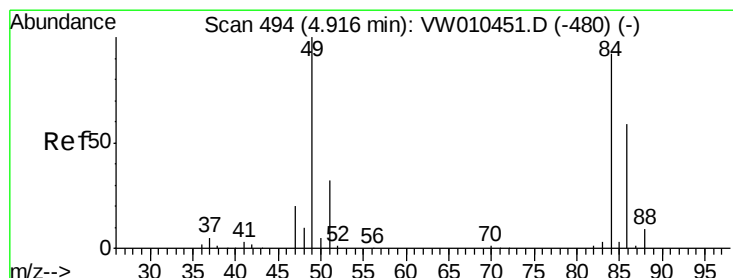
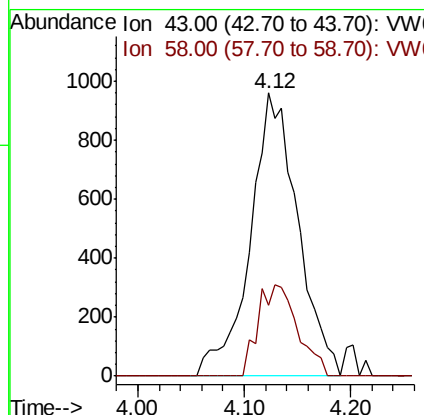
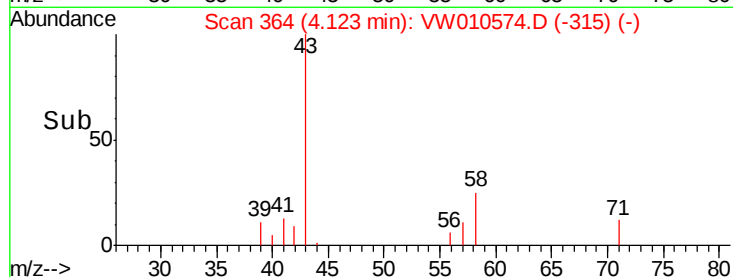
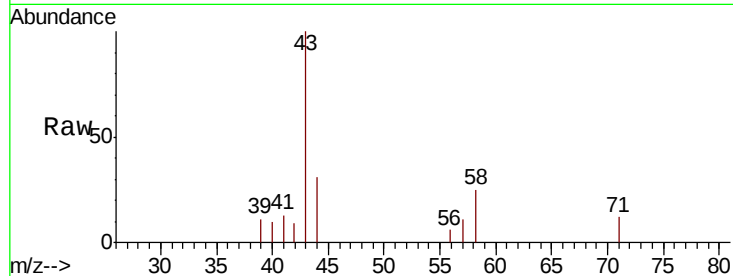




#16
Acetone
Concen: 35.338 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

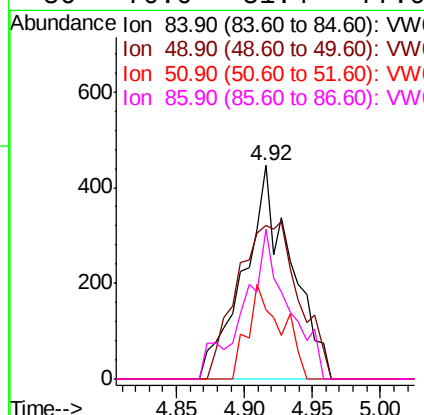
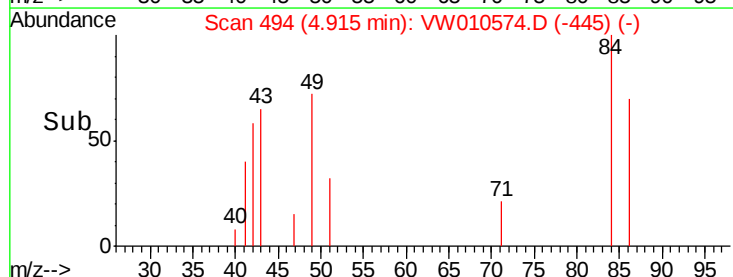
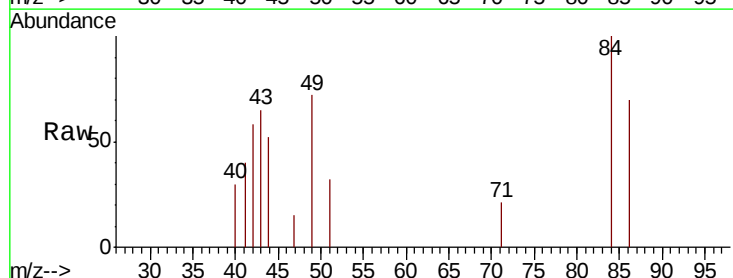
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

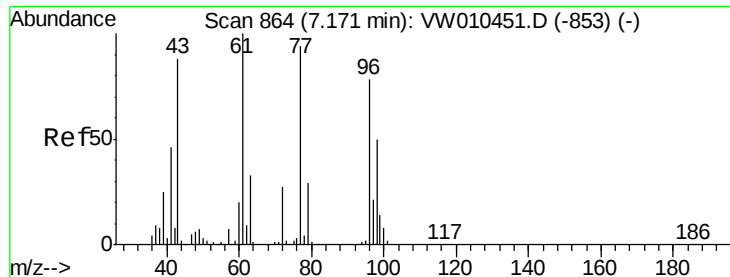
Tot Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
58 25.0 27.0 40.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Tgt Ion: 84 Resp: 1089
Ion Ratio Lower Upper
84 100
49 72.2 87.2 130.8#
51 32.3 27.7 41.5
86 70.0 51.4 77.0





#25

2-Butanone

Concen: 1.337 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

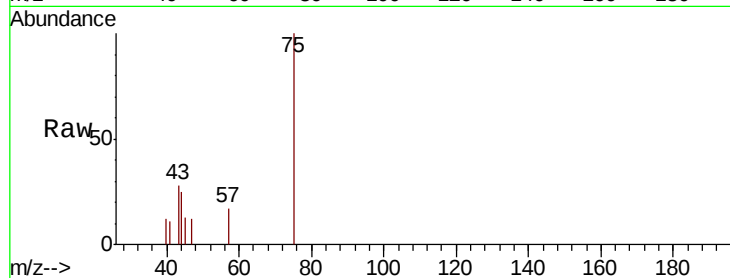
B-13-1.5-2.0

Tot Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

200

150

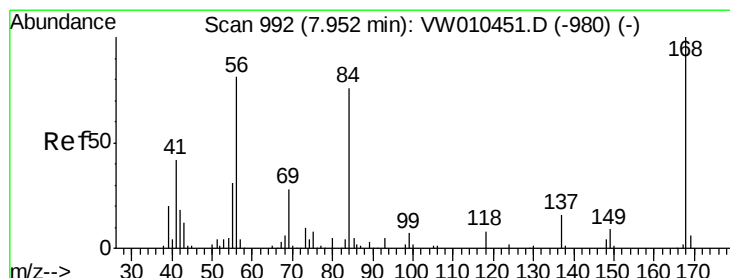
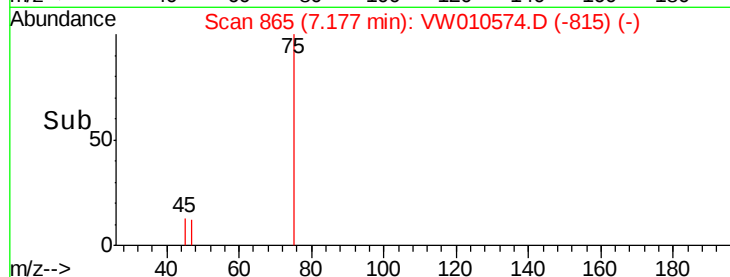
100

50

0

7.16 7.18 7.20

Time-->



#31

Cyclohexane

Concen: 3.033 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

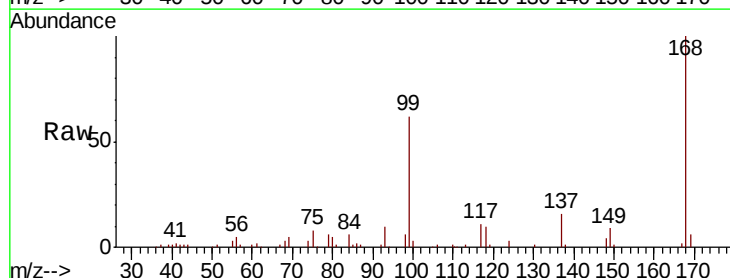
Tgt Ion: 56 Resp: 2388

Ion Ratio Lower Upper

56 100

69 102.7 28.2 42.2#

84 122.9 75.8 113.8#



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

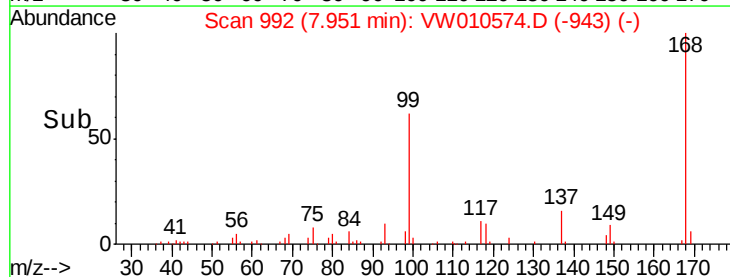
1000

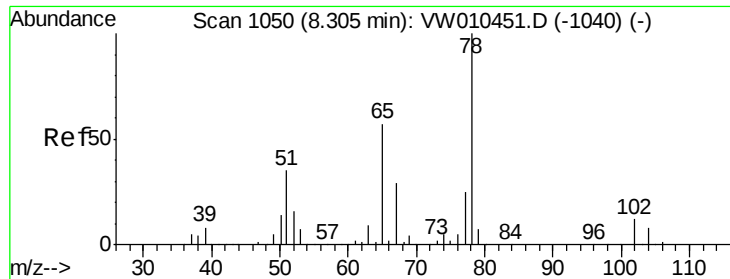
500

0

7.85 7.90 7.95 8.00

Time-->

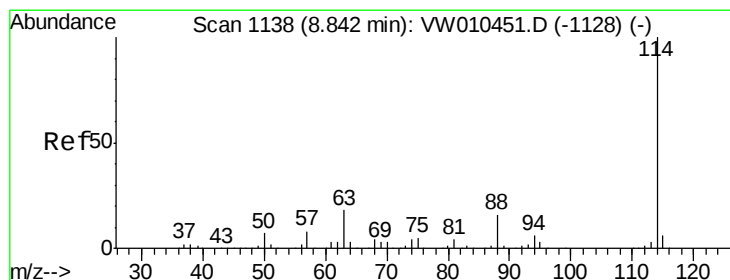
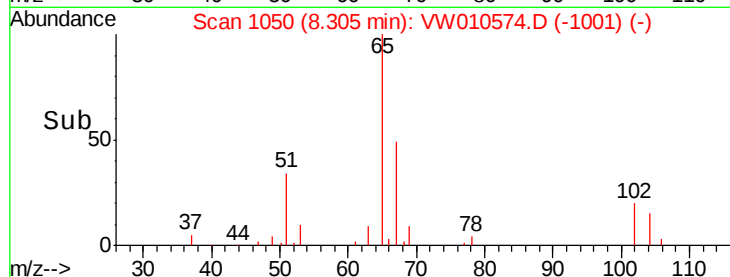
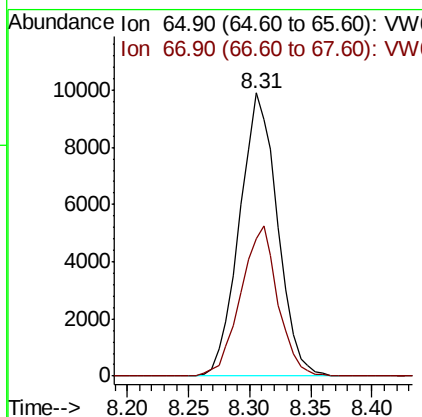
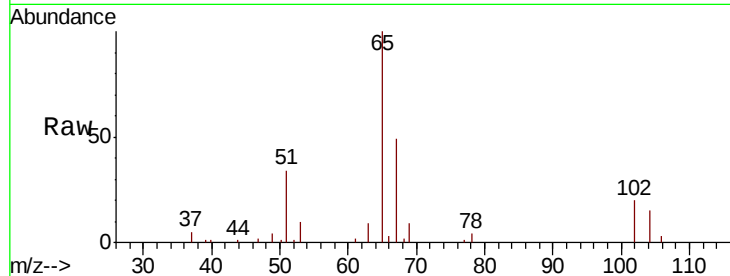




#33
 1,2-Dichloroethane-d4
 Concen: 51.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

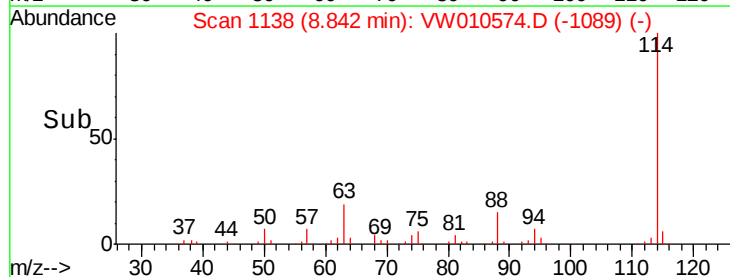
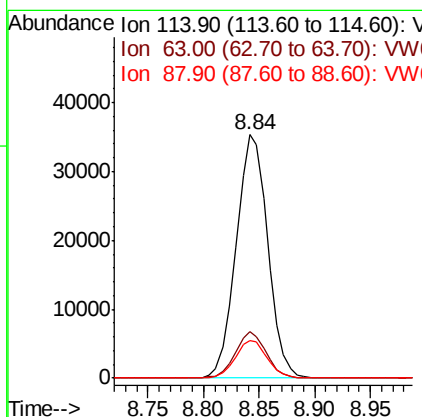
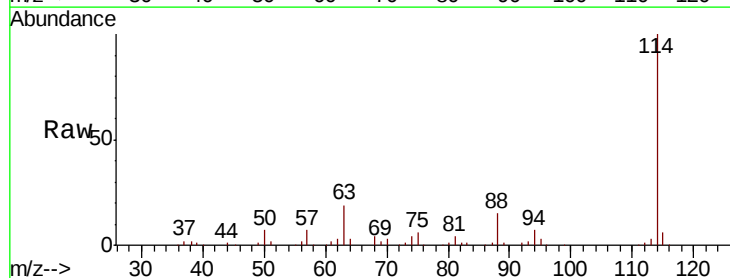
Instrument :
 MSVOA_W
 ClientSampled :
 B-13-1.5-2.0

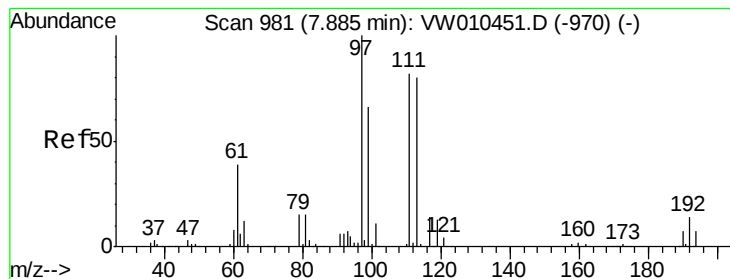
Tot Ion: 65 Resp: 21340
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

Tgt Ion: 114 Resp: 69445
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0

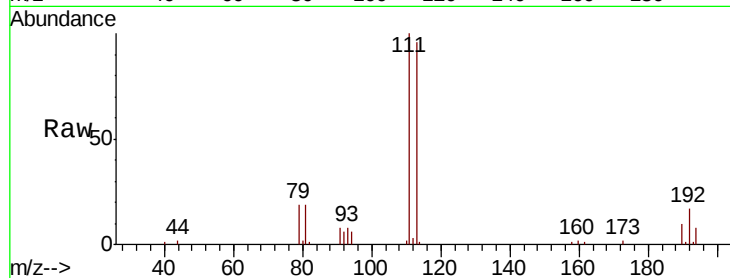
Tot Ion:113 Resp: 20051

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

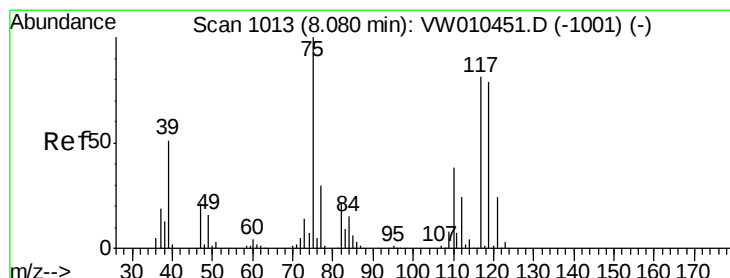
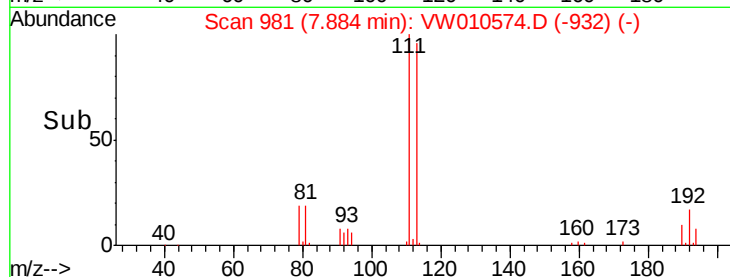
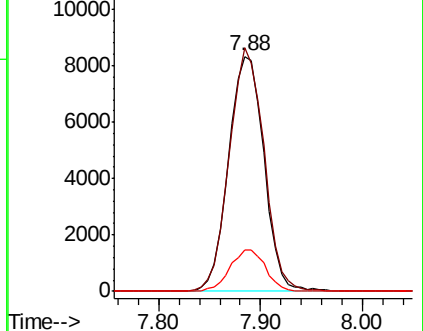
192 17.3 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

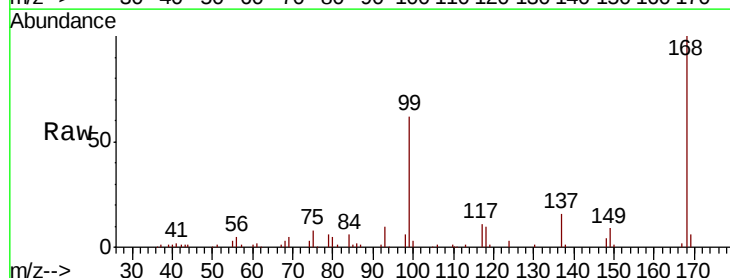
Tgt Ion: 75 Resp: 3122

Ion Ratio Lower Upper

75 100

110 6.3 19.2 57.6#

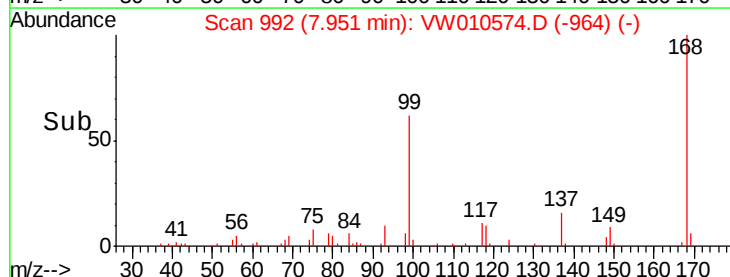
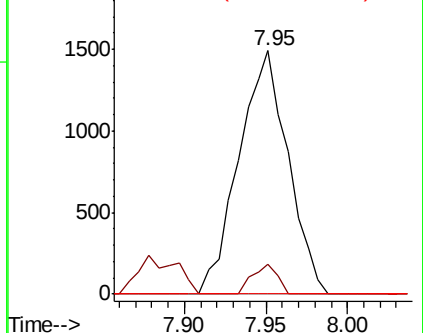
77 0.0 25.2 37.8#

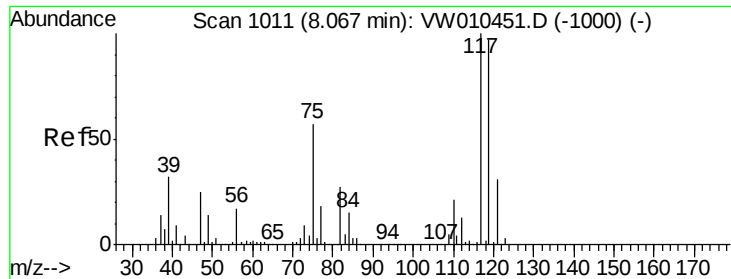


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

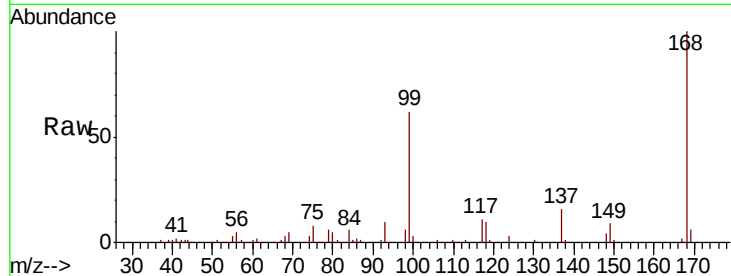




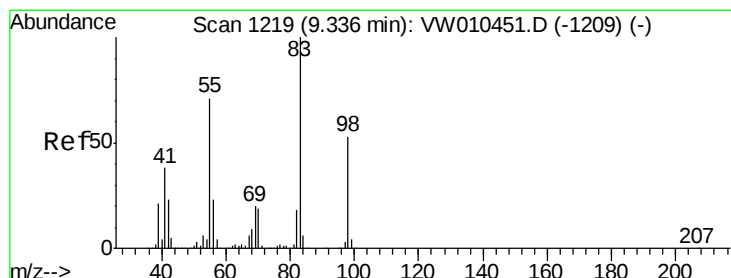
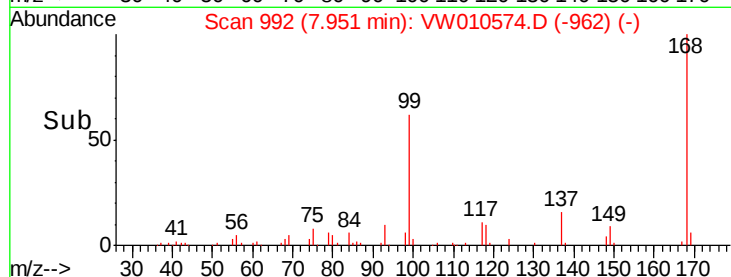
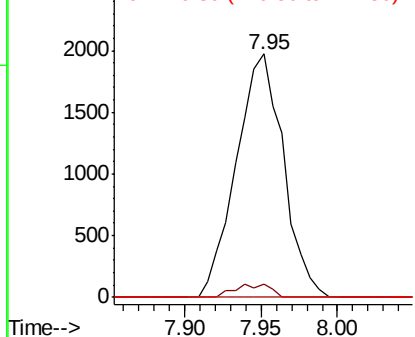
#38
Carbon Tetrachloride
Concen: 6.041 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

Tot Ion:117 Resp: 4216
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.0#
121 0.0 25.0 37.6#

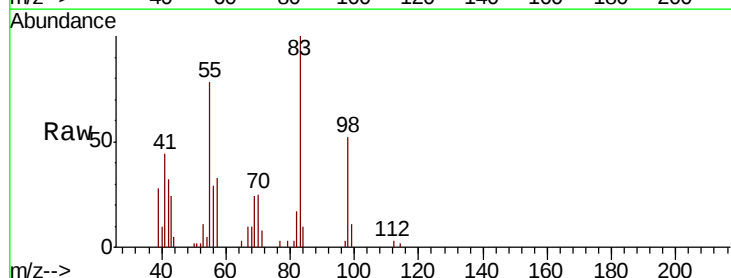


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

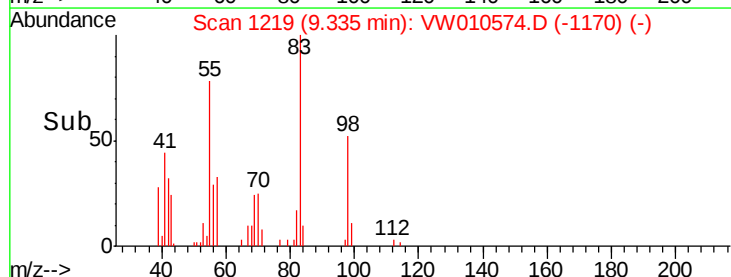
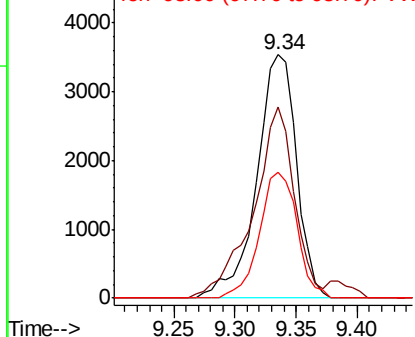


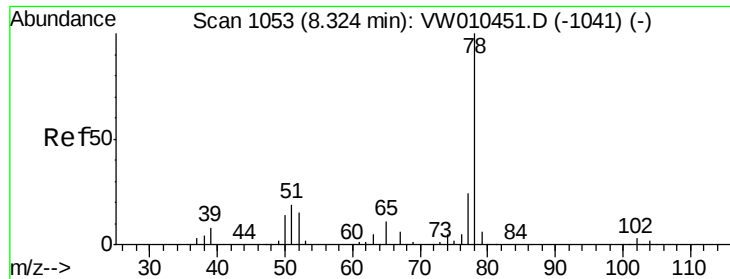
#39
Methylcyclohexane
Concen: 9.259 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Tgt Ion: 83 Resp: 8025
Ion Ratio Lower Upper
83 100
55 78.4 57.0 85.6
98 51.6 42.0 63.0



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





#40

Benzene

Concen: 1.625 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampled :

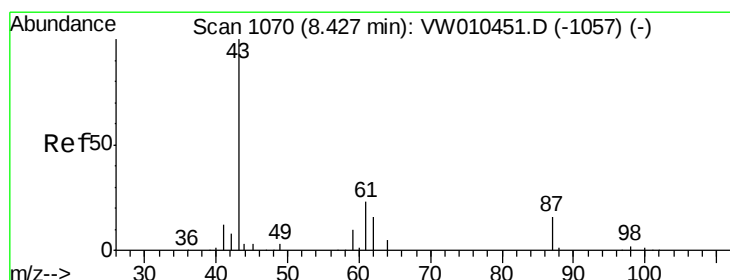
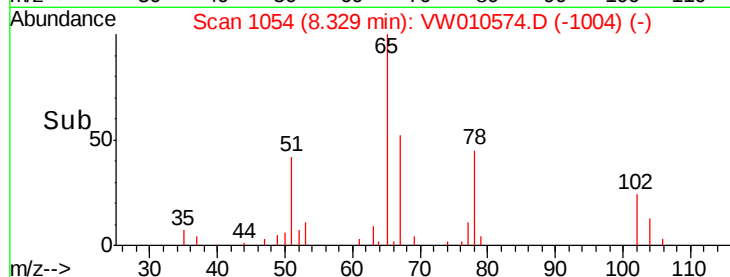
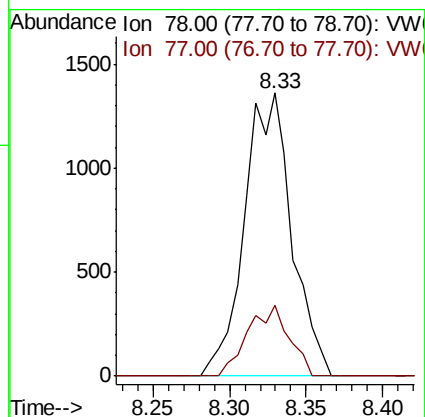
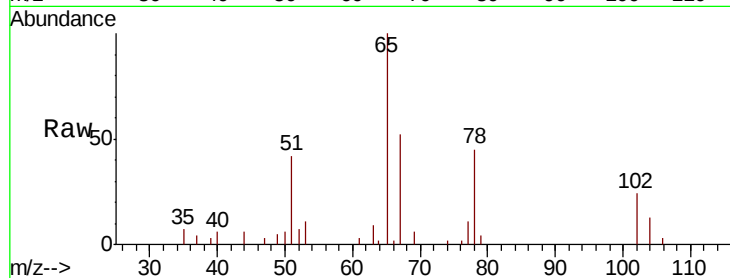
B-13-1.5-2.0

Tot Ion: 78 Resp: 2922

Ion Ratio Lower Upper

78 100

77 24.9 18.9 28.3



#43

Isopropyl Acetate

Concen: 1.607 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

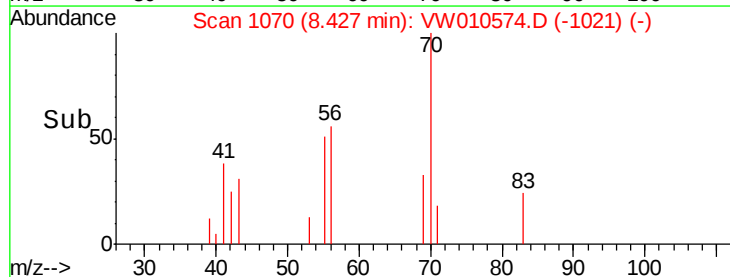
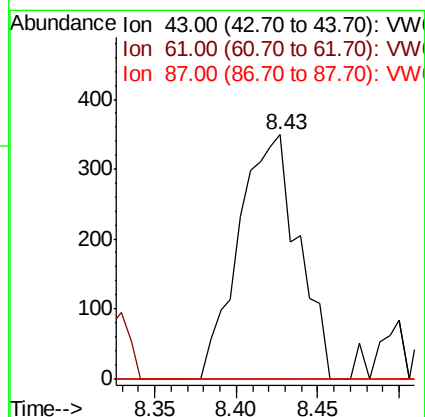
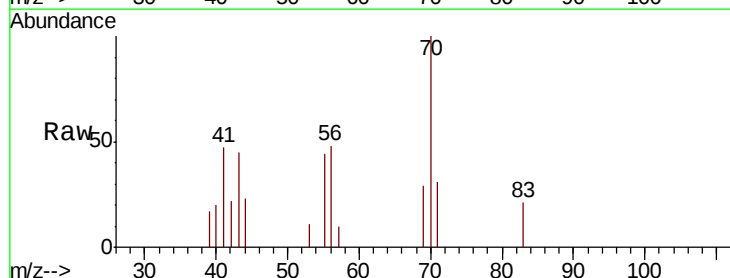
Tgt Ion: 43 Resp: 883

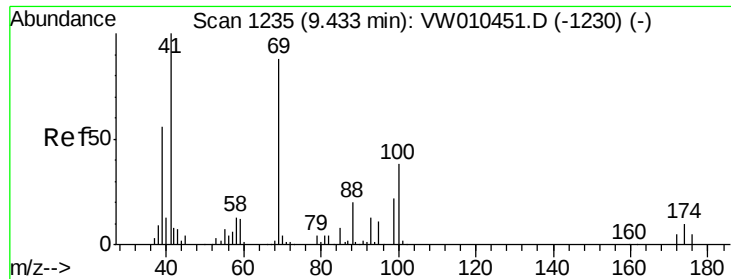
Ion Ratio Lower Upper

43 100

61 0.0 25.4 38.2#

87 0.0 12.7 19.1#

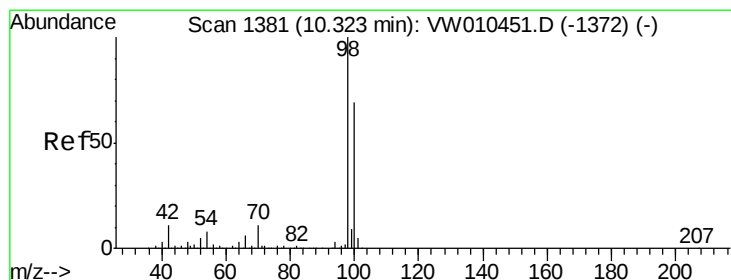
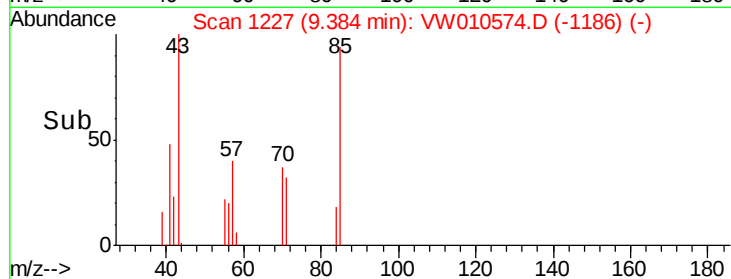
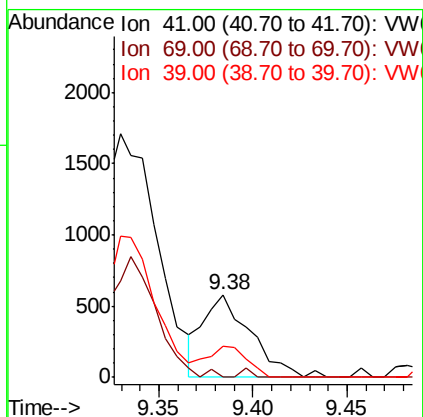
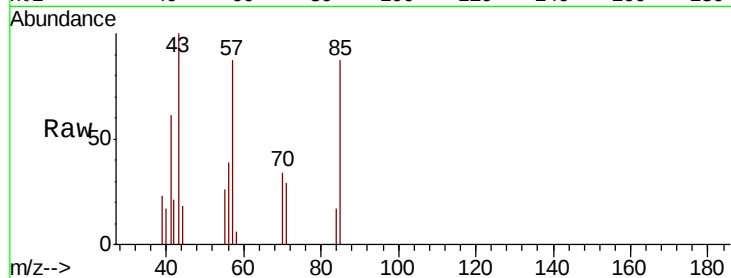




#48
Methyl methacrylate
Concen: 4.049 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.05 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

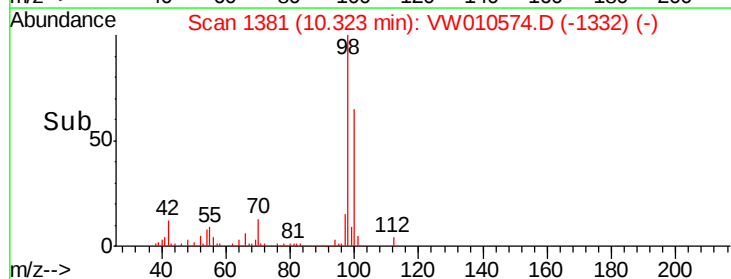
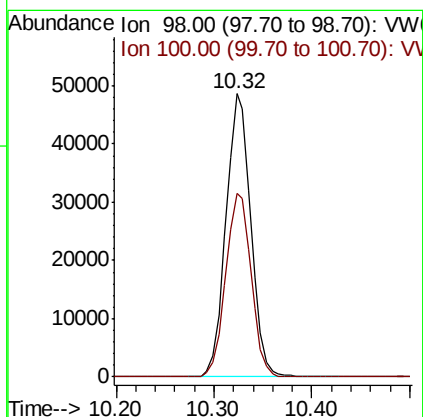
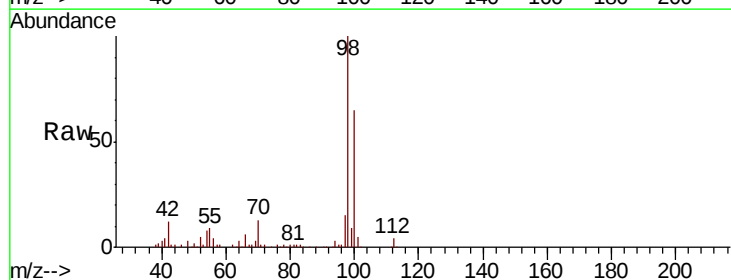
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

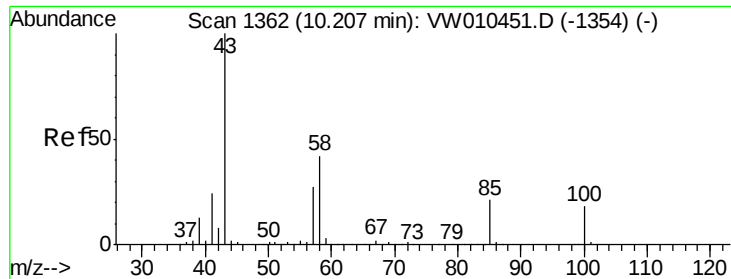
Tot Ion: 41 Resp: 1018
Ion Ratio Lower Upper
41 100
69 0.0 77.6 116.4#
39 32.5 49.8 74.8#



#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Tgt Ion: 98 Resp: 85342
Ion Ratio Lower Upper
98 100
100 66.5 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 5.113 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

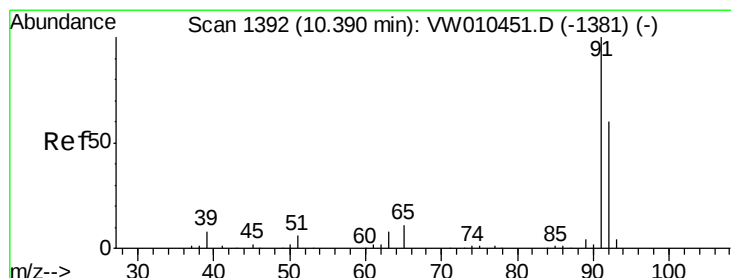
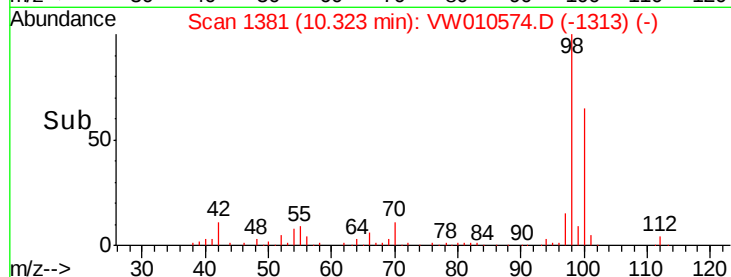
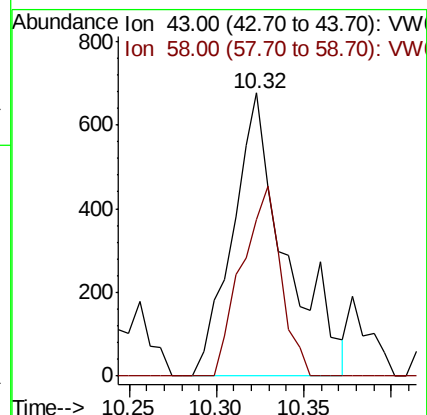
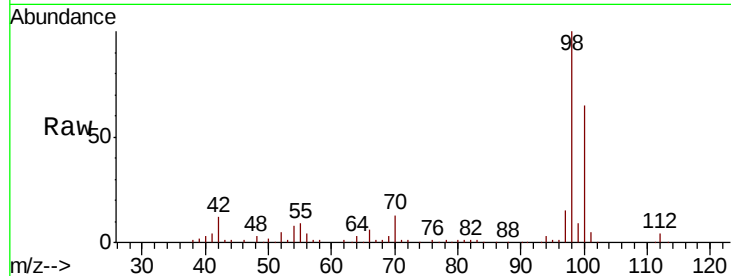
B-13-1.5-2.0

Tot Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 49.6 33.2 49.8



#52

Toluene

Concen: 6.409 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010574.D

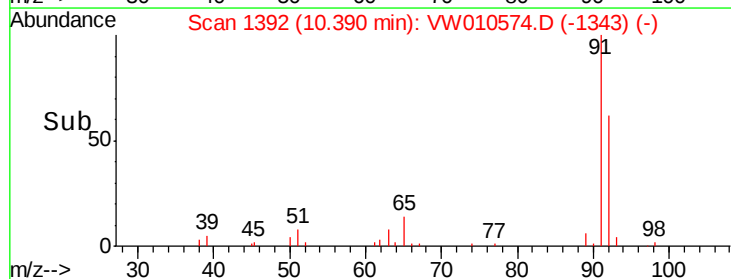
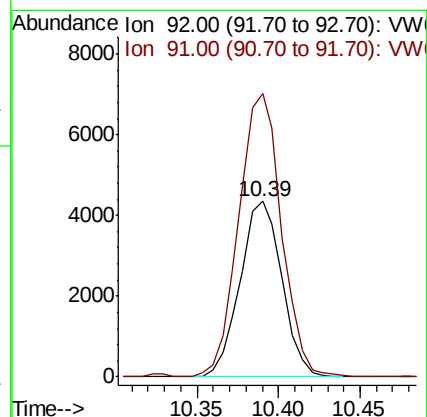
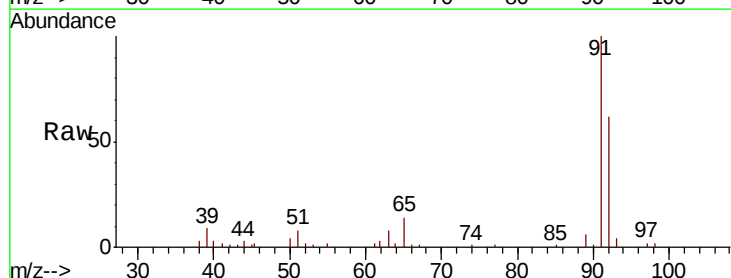
Acq: 28 May 2019 18:23

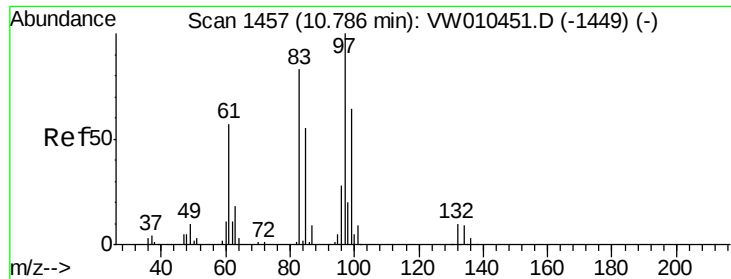
Tgt Ion: 92 Resp: 7739

Ion Ratio Lower Upper

92 100

91 165.1 135.4 203.0

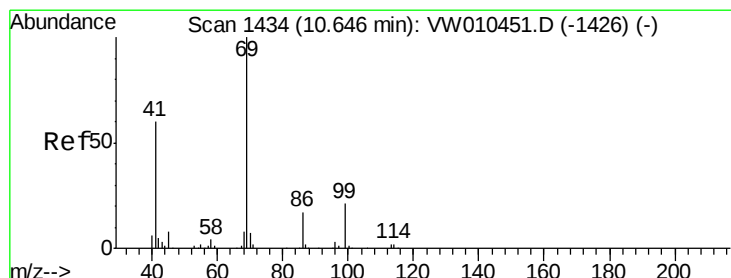
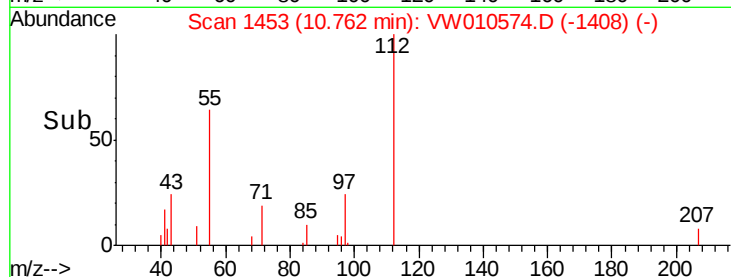
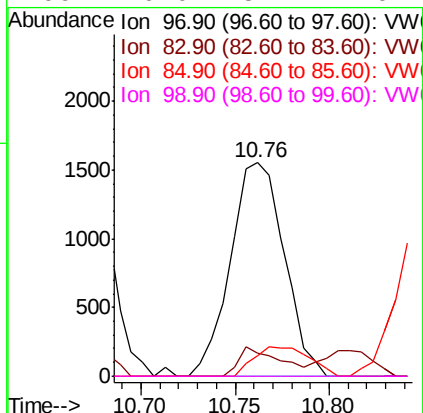
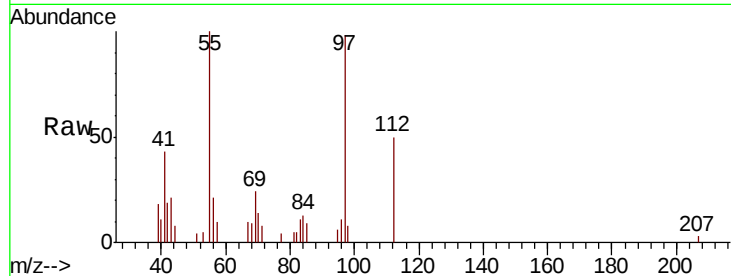




#55
 1,1,2-Trichloroethane
 Concen: 8.546 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

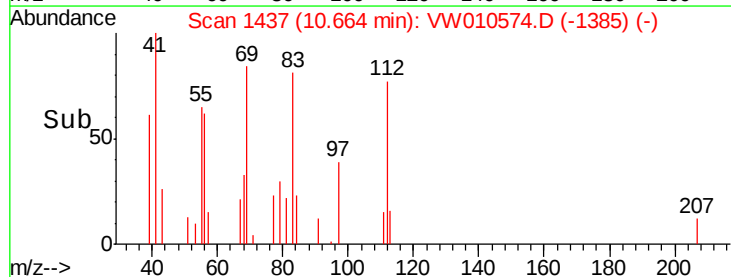
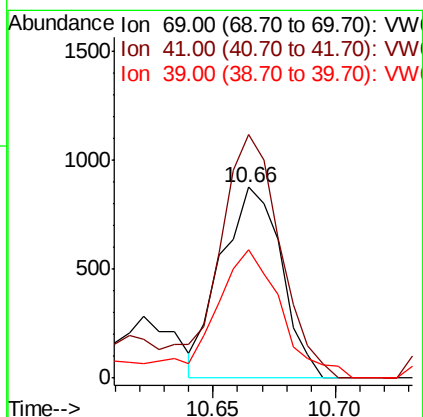
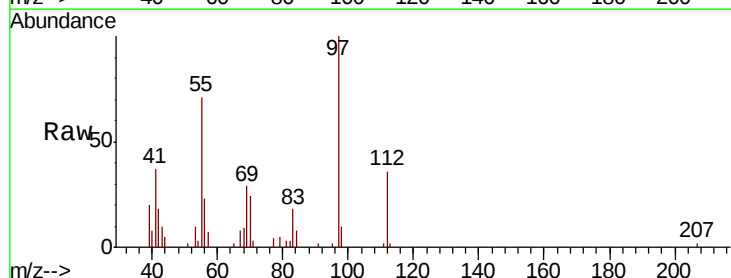
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0

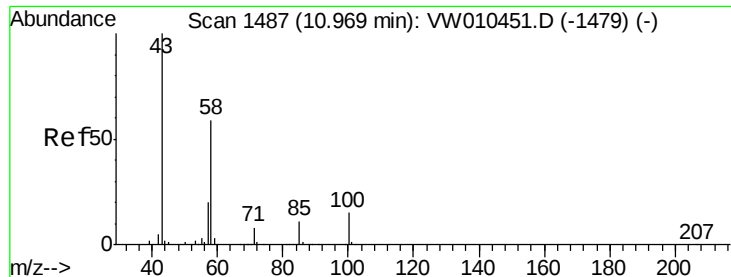
Tot Ion: 97 Resp: 3069
 Ion Ratio Lower Upper
 97 100
 83 10.8 66.1 99.1#
 85 9.5 44.2 66.4#
 99 0.0 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 3.035 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

Tgt Ion: 69 Resp: 1503
 Ion Ratio Lower Upper
 69 100
 41 123.8 47.7 71.5#
 39 73.1 25.3 37.9#

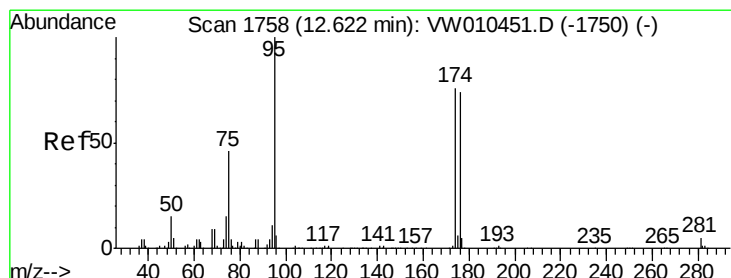
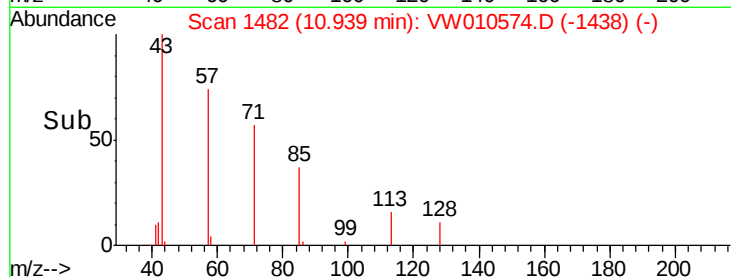
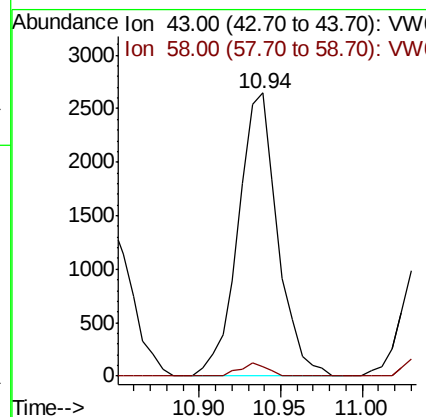
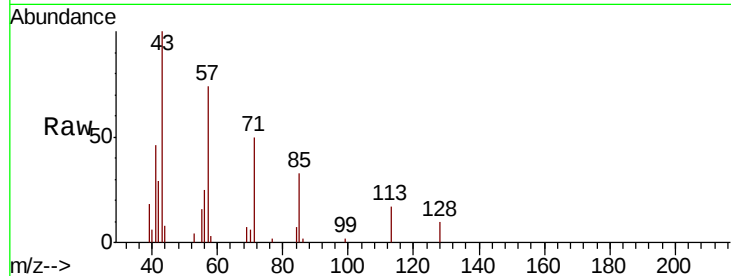




#59
2-Hexanone
Concen: 22.466 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

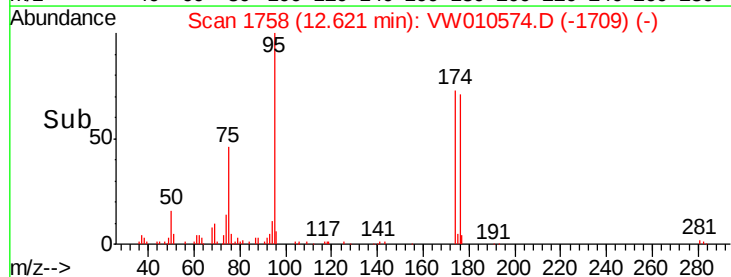
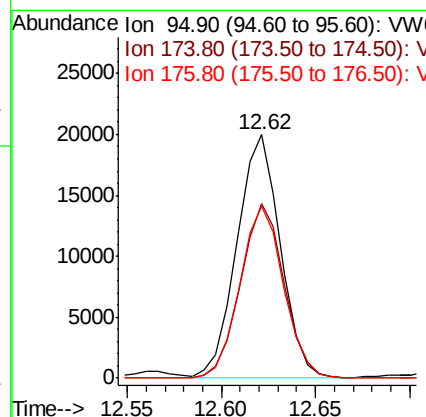
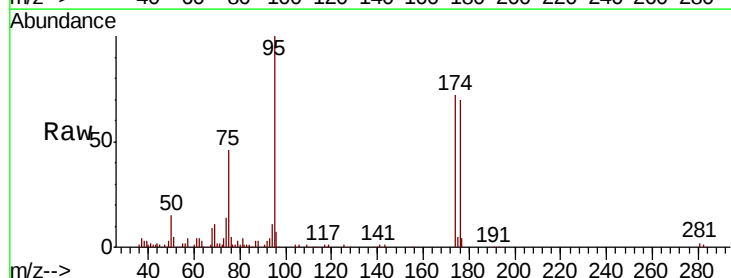
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

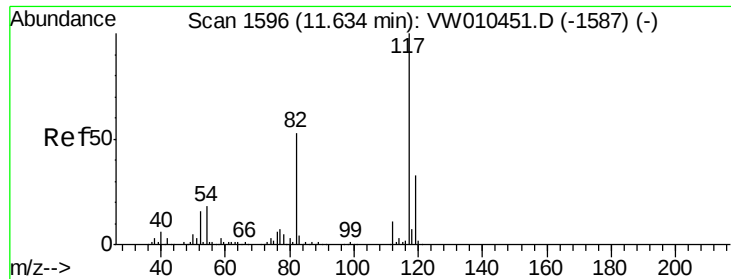
Tot Ion: 43 Resp: 4463
Ion Ratio Lower Upper
43 100
58 3.1 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 49.360 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Tgt Ion: 95 Resp: 31649
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.6
176 71.2 0.0 144.2

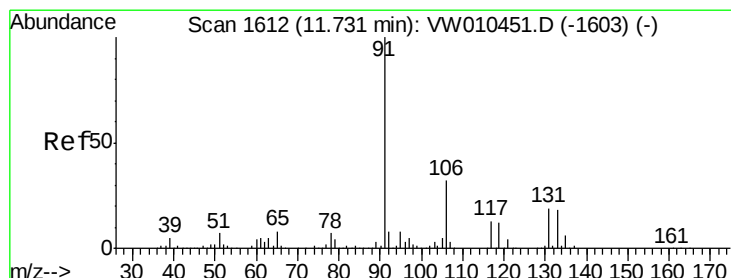
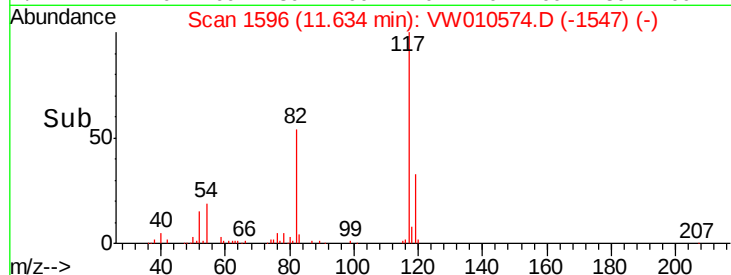
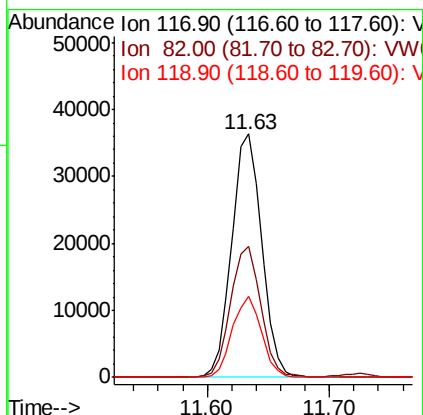
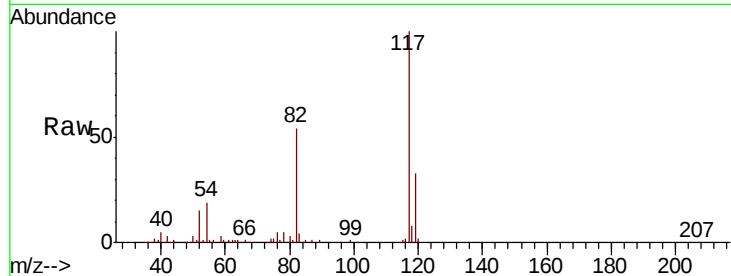




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

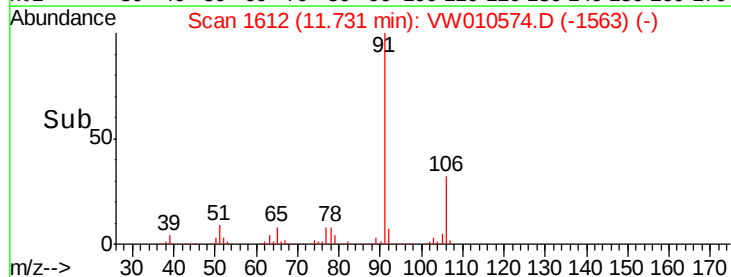
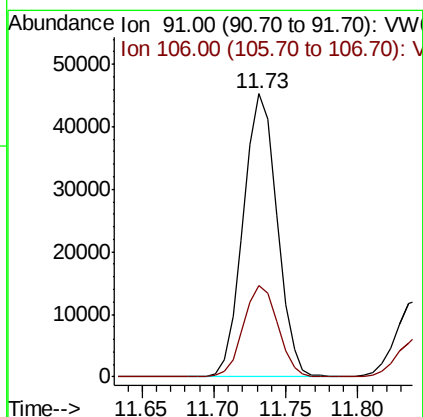
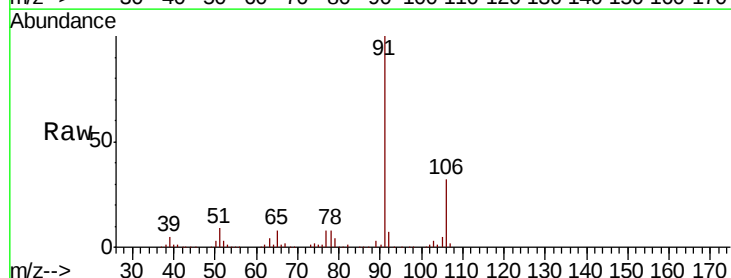
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

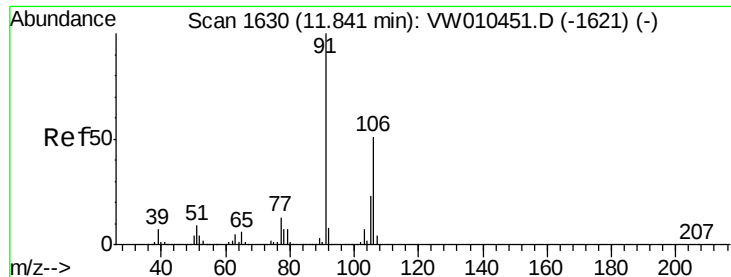
Tot Ion:117 Resp: 61611
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 33.3 26.3 39.5



#67
Ethyl Benzene
Concen: 31.928 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Tgt Ion: 91 Resp: 74019
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9





#68

m/p-Xylenes

Concen: 13.220 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

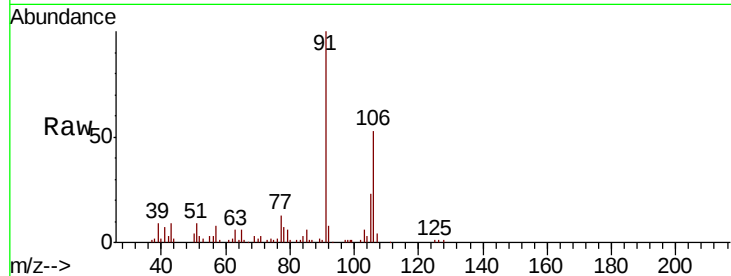
B-13-1.5-2.0

Tot Ion:106 Resp: 12021

Ion Ratio Lower Upper

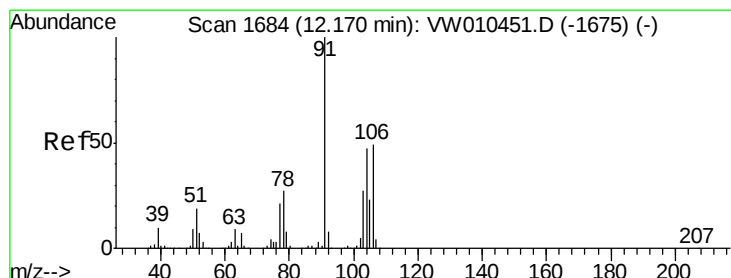
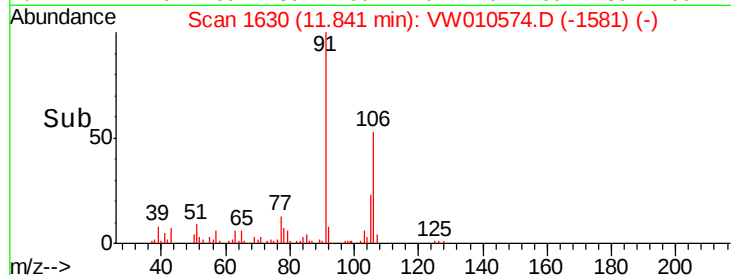
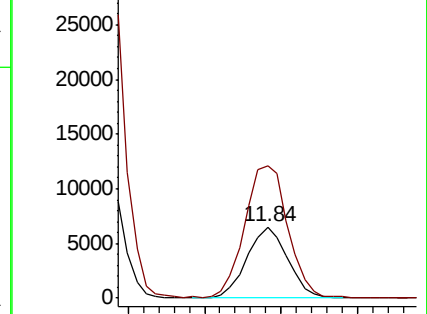
106 100

91 198.8 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 9.632 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW010574.D

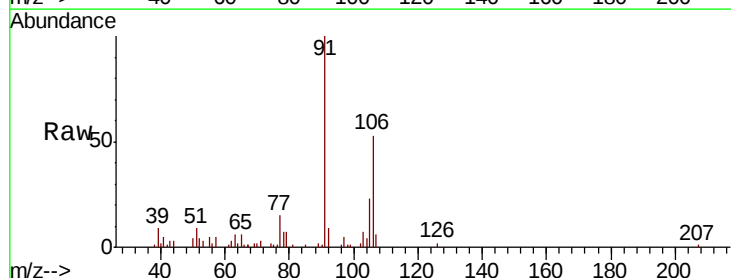
Acq: 28 May 2019 18:23

Tgt Ion:106 Resp: 8298

Ion Ratio Lower Upper

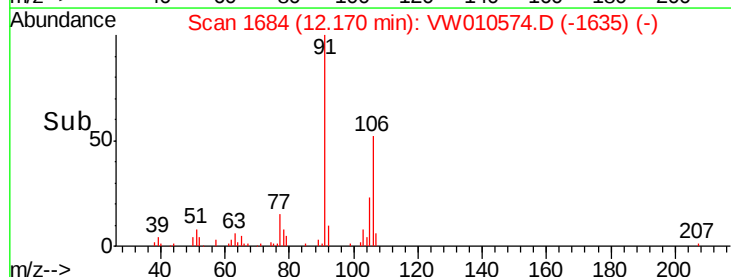
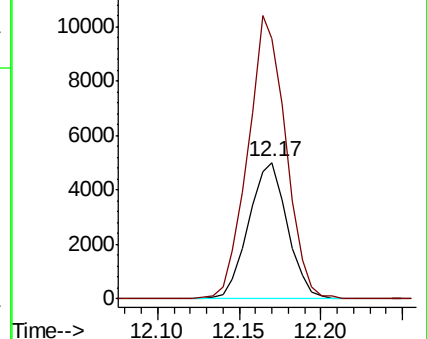
106 100

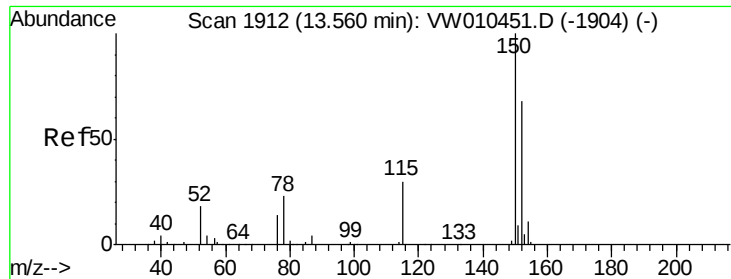
91 202.7 103.2 309.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0

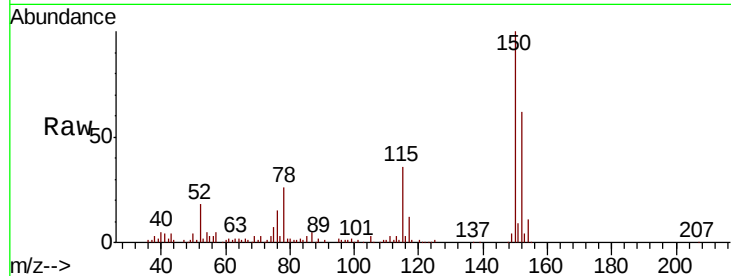
Tot Ion:152 Resp: 28824

Ion Ratio Lower Upper

152 100

115 68.3 30.3 91.0

150 157.6 0.0 349.8

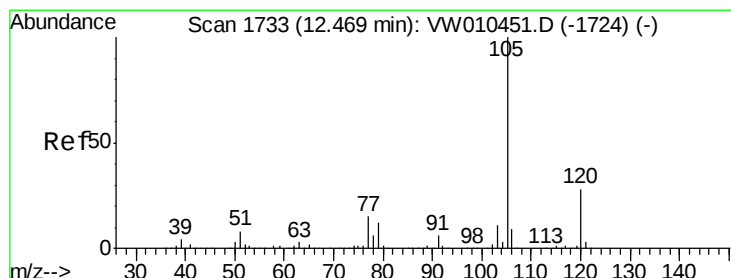
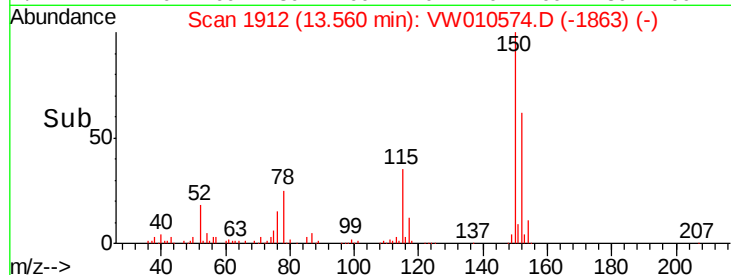
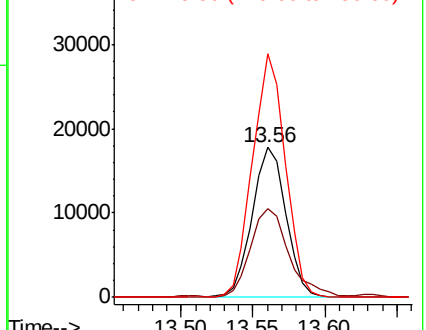


Abundance

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: 11.276 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010574.D

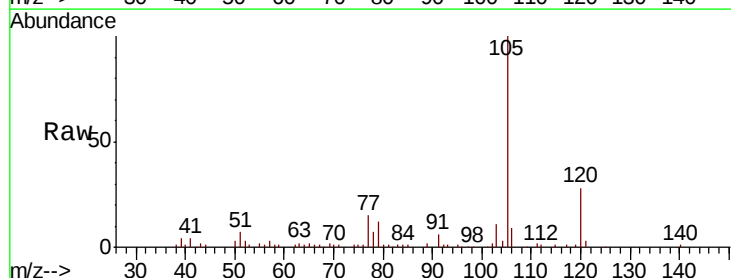
Acq: 28 May 2019 18:23

Tgt Ion:105 Resp: 25792

Ion Ratio Lower Upper

105 100

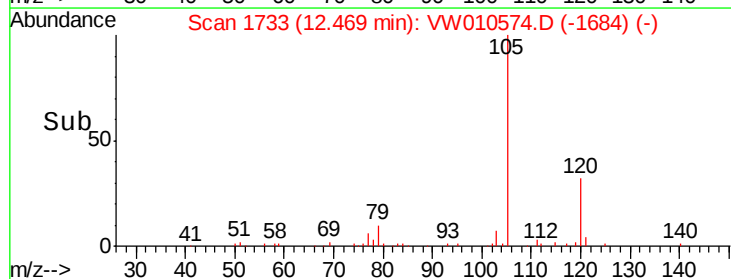
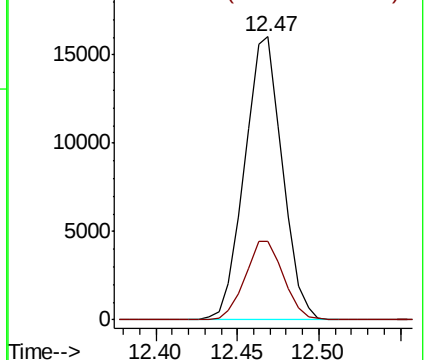
120 28.2 13.9 41.7

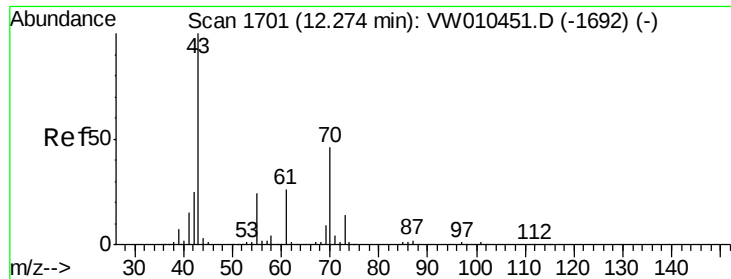


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.898 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0

Tot Ion: 43 Resp: 2043

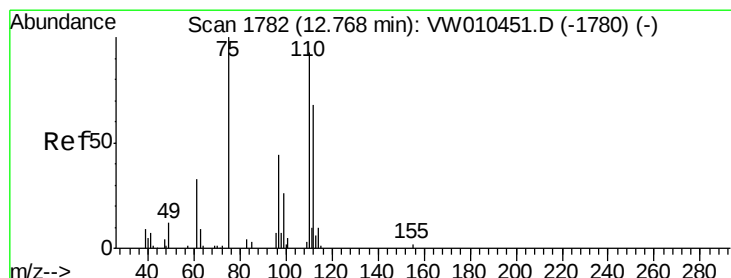
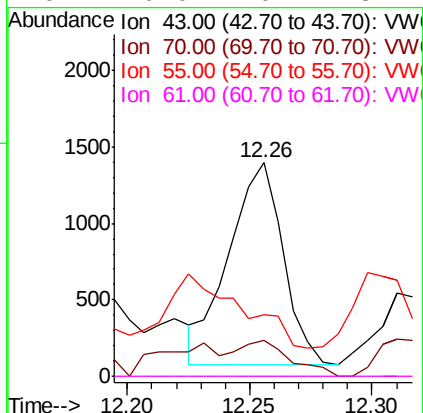
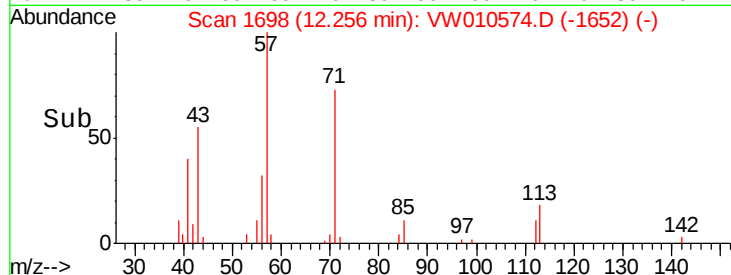
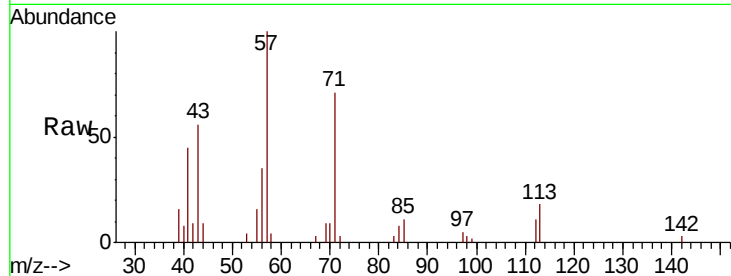
Ion Ratio Lower Upper

43 100

70 15.1 37.1 55.7#

55 0.0 19.6 29.4#

61 0.0 20.7 31.1#



#76

1,2,3-Trichloropropane

Concen: 51.425 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010574.D

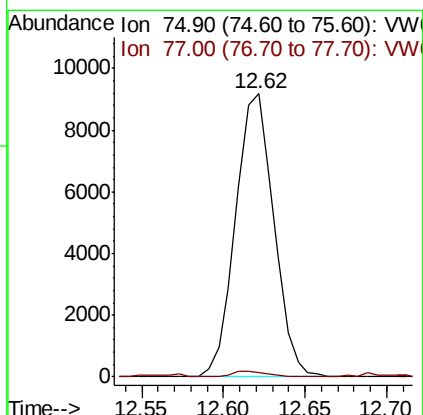
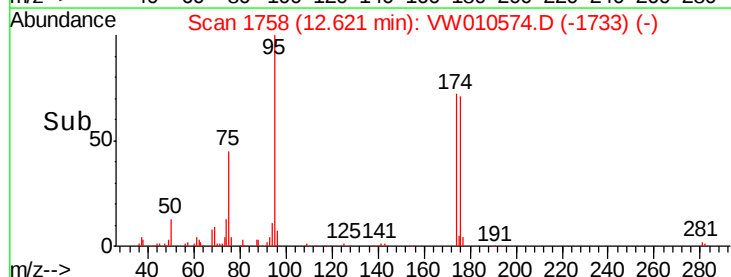
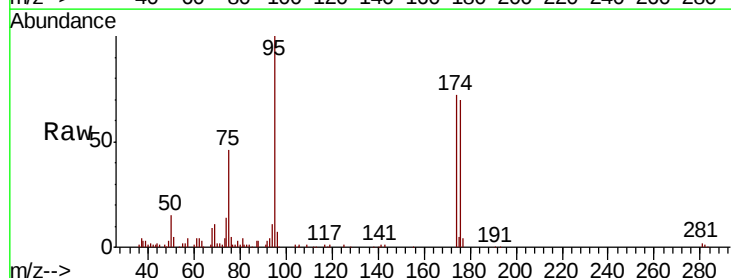
Acq: 28 May 2019 18:23

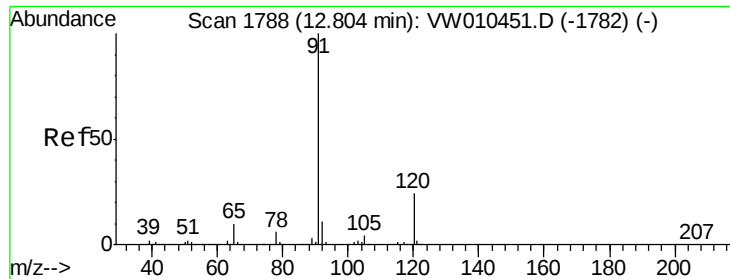
Tgt Ion: 75 Resp: 15046

Ion Ratio Lower Upper

75 100

77 1.8 170.0 510.1#





#78

n-propylbenzene

Concen: 3.095 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

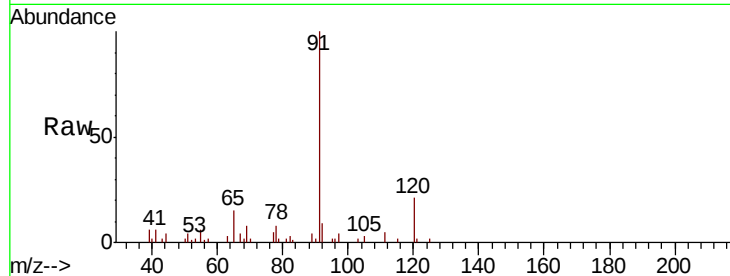
B-13-1.5-2.0

Tot Ion: 91 Resp: 8249

Ion Ratio Lower Upper

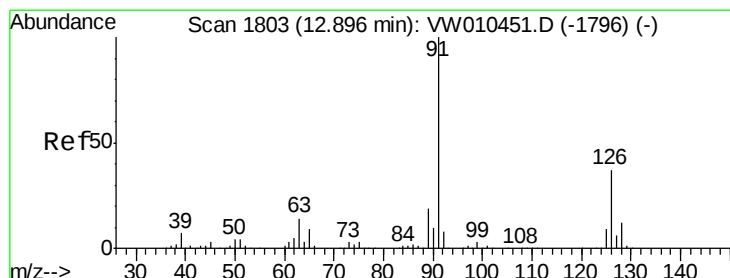
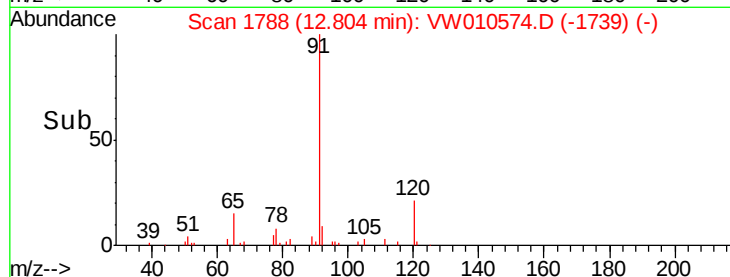
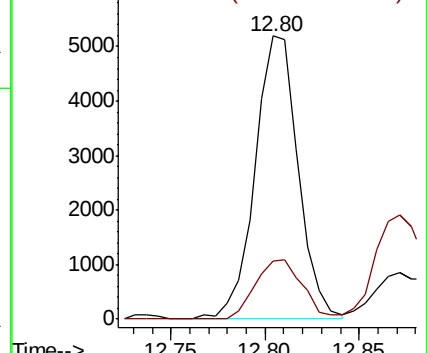
91 100

120 23.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.444 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW010574.D

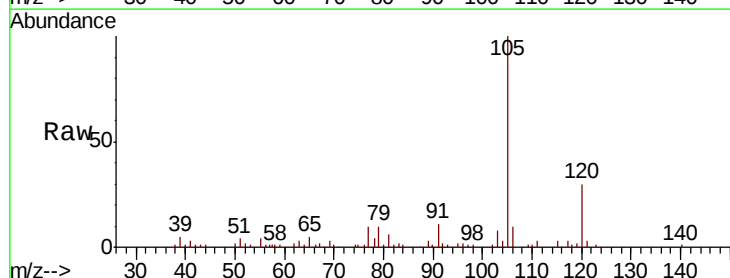
Acq: 28 May 2019 18:23

Tgt Ion: 91 Resp: 2232

Ion Ratio Lower Upper

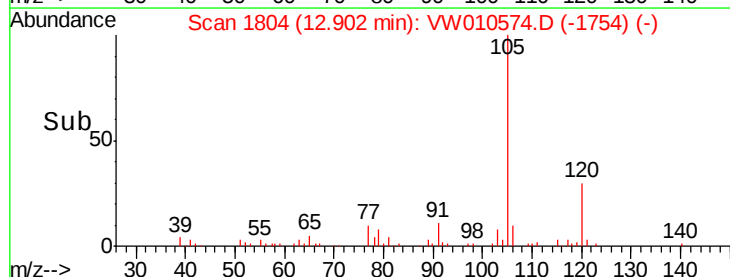
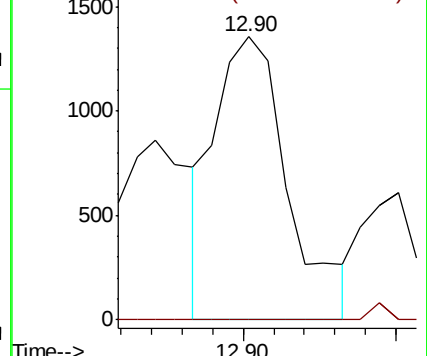
91 100

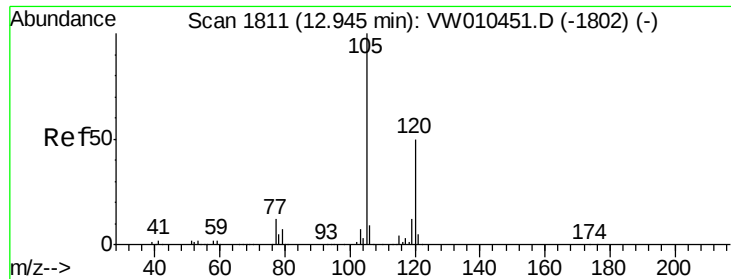
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

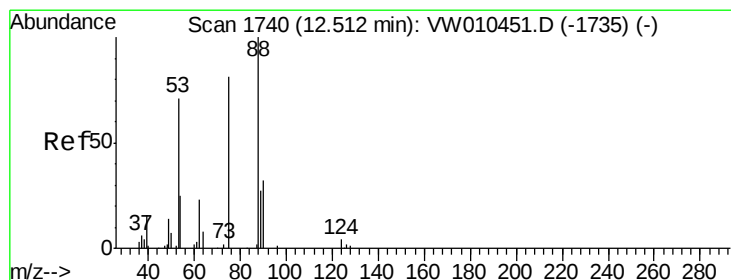
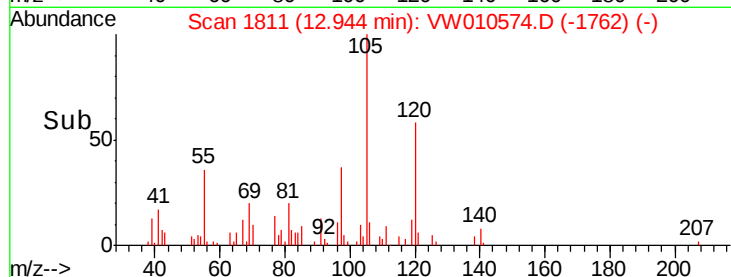
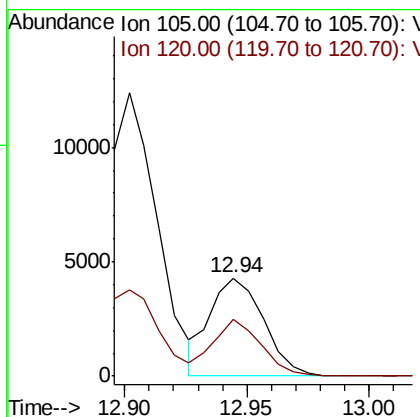
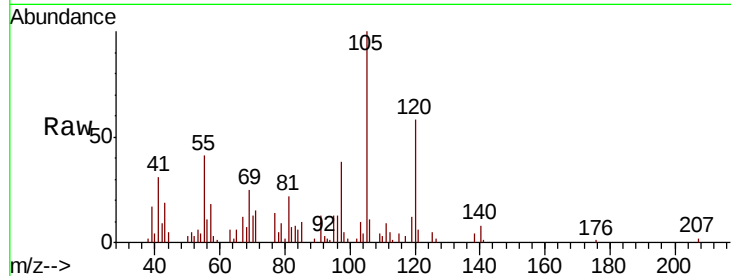




#80
 1,3,5-Trimethylbenzene
 Concen: 3.351 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

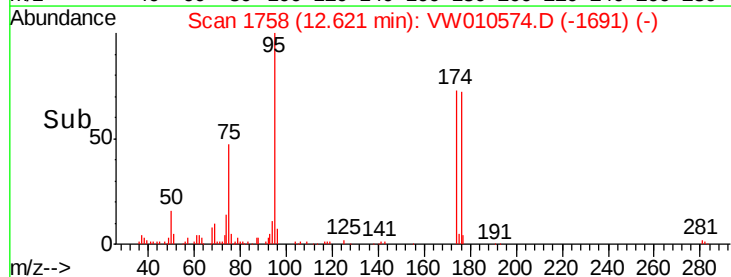
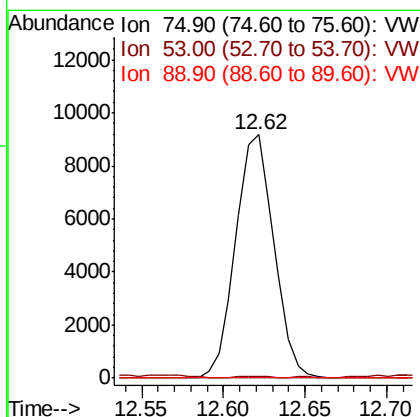
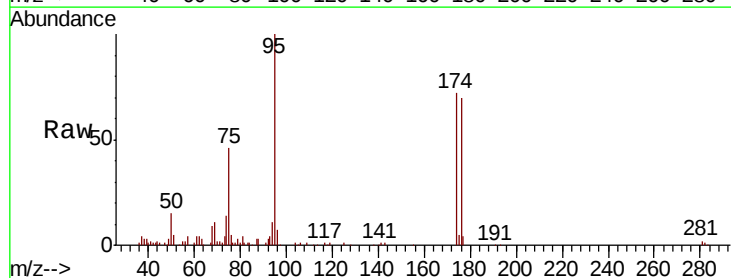
Instrument :
 MSVOA_W
 ClientSampled :
 B-13-1.5-2.0

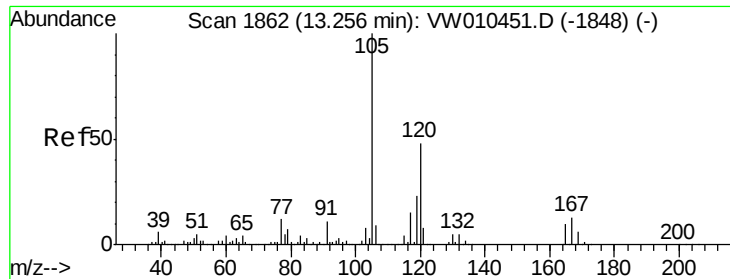
Tot Ion:105 Resp: 6492
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.325 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

Tgt Ion: 75 Resp: 15046
 Ion Ratio Lower Upper
 75 100
 53 0.7 69.8 104.8#
 89 0.0 39.5 59.3#

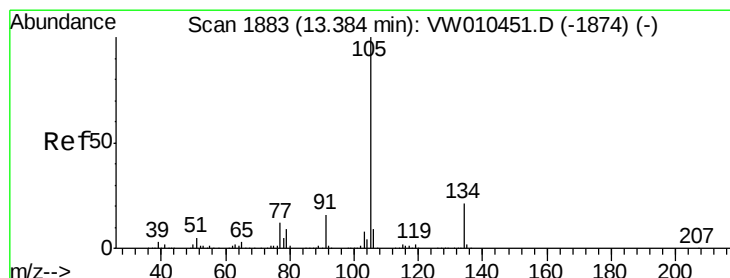
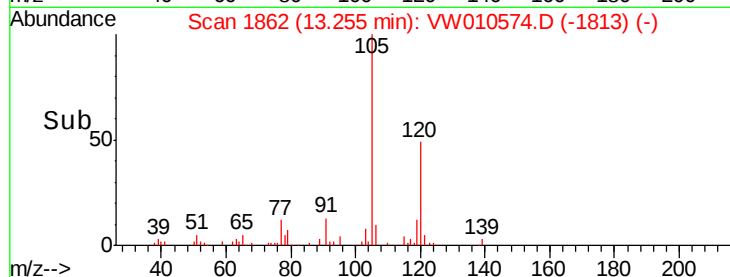
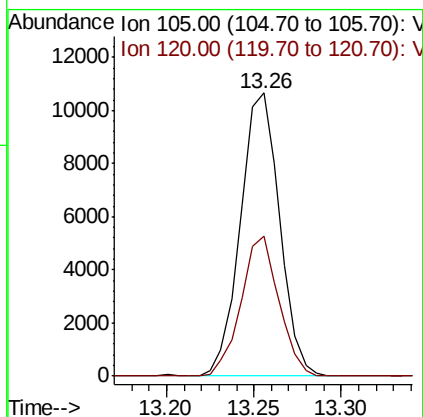
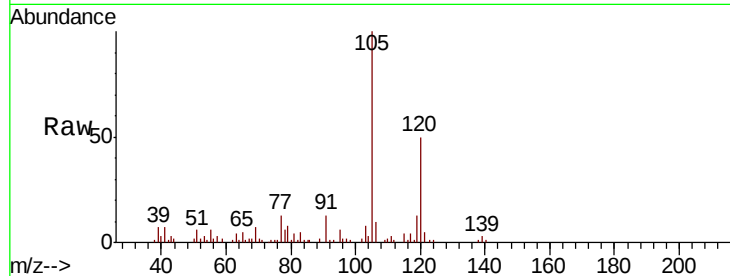




#84
 1,2,4-Trimethylbenzene
 Concen: 8.637 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

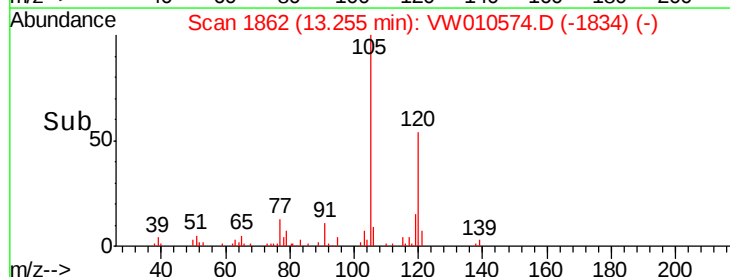
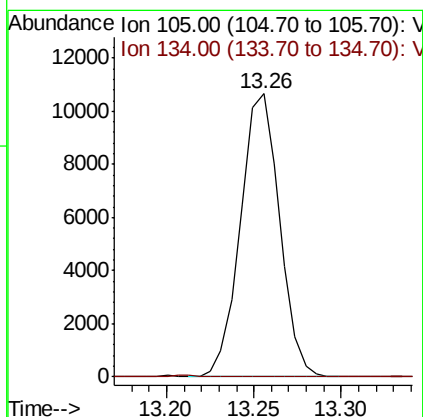
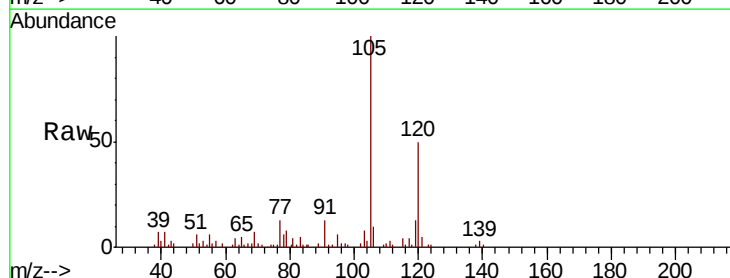
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0

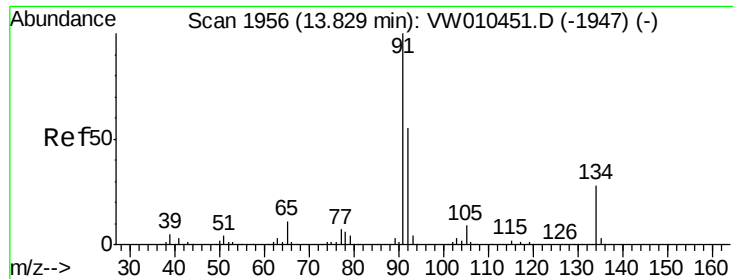
Tot Ion:105 Resp: 16664
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.2



#85
 sec-Butylbenzene
 Concen: 7.037 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW010574.D
 Acq: 28 May 2019 18:23

Tgt Ion:105 Resp: 16664
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#





#89

n-Butylbenzene

Concen: 37.909 ug/l

RT: 13.76 min Scan# 1945

Delta R.T. -0.07 min

Lab File: VW010574.D

Acq: 28 May 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0

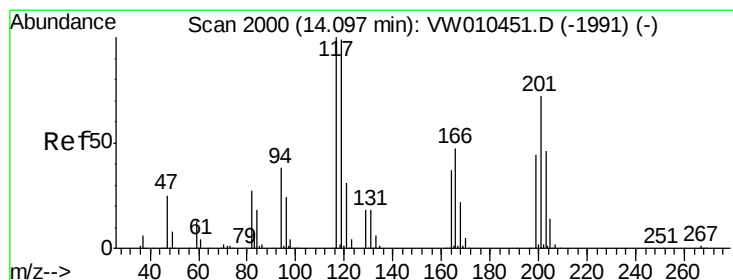
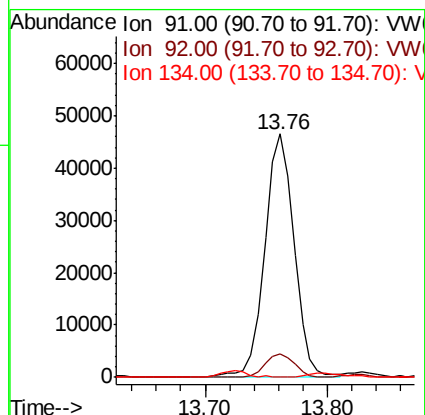
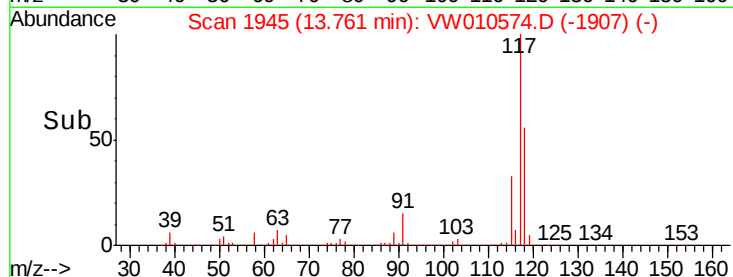
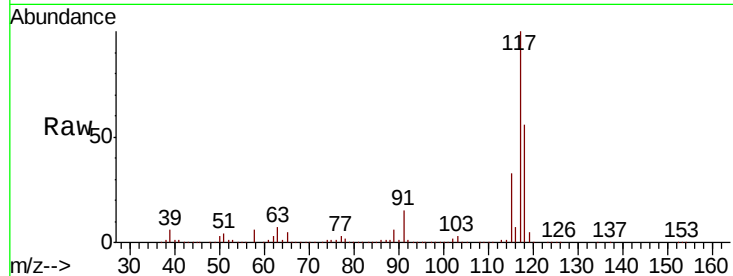
Tot Ion: 91 Resp: 77288

Ion Ratio Lower Upper

91 100

92 9.7 27.7 83.1#

134 0.0 13.9 41.6#



#90

Hexachloroethane

Concen: 2.635 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010574.D

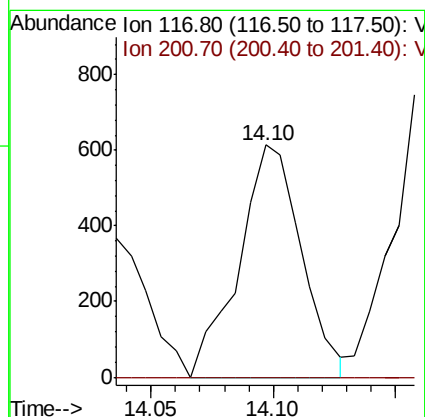
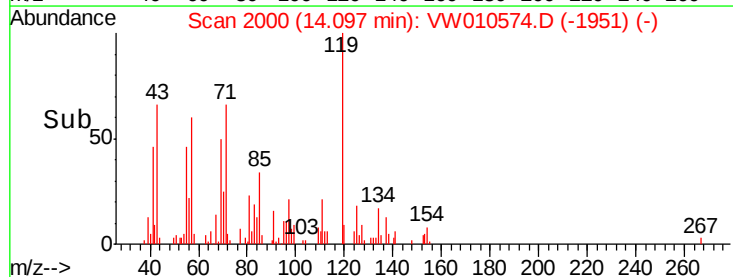
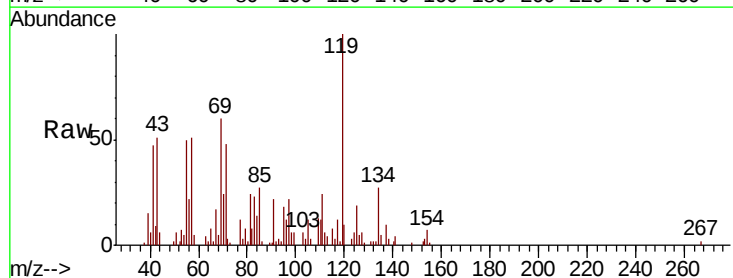
Acq: 28 May 2019 18:23

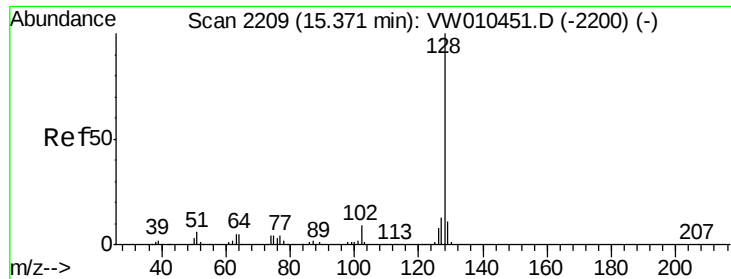
Tgt Ion: 117 Resp: 1093

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.8#

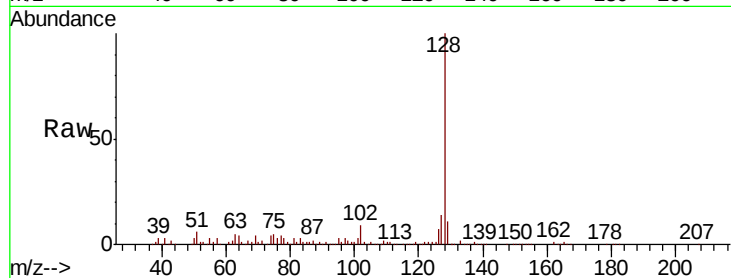




#95
Naphthalene
Concen: 103.716 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010574.D
Acq: 28 May 2019 18:23

Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.0	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

