

Data File : VW010597.D
Acq On : 29 May 2019 18:04
Operator : SY/VA
Sample : K3065-09
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 30 08:36:00 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	19186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	31480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	26628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9182	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	7.88	113	9052	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	10.32	98	38747	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	13724	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

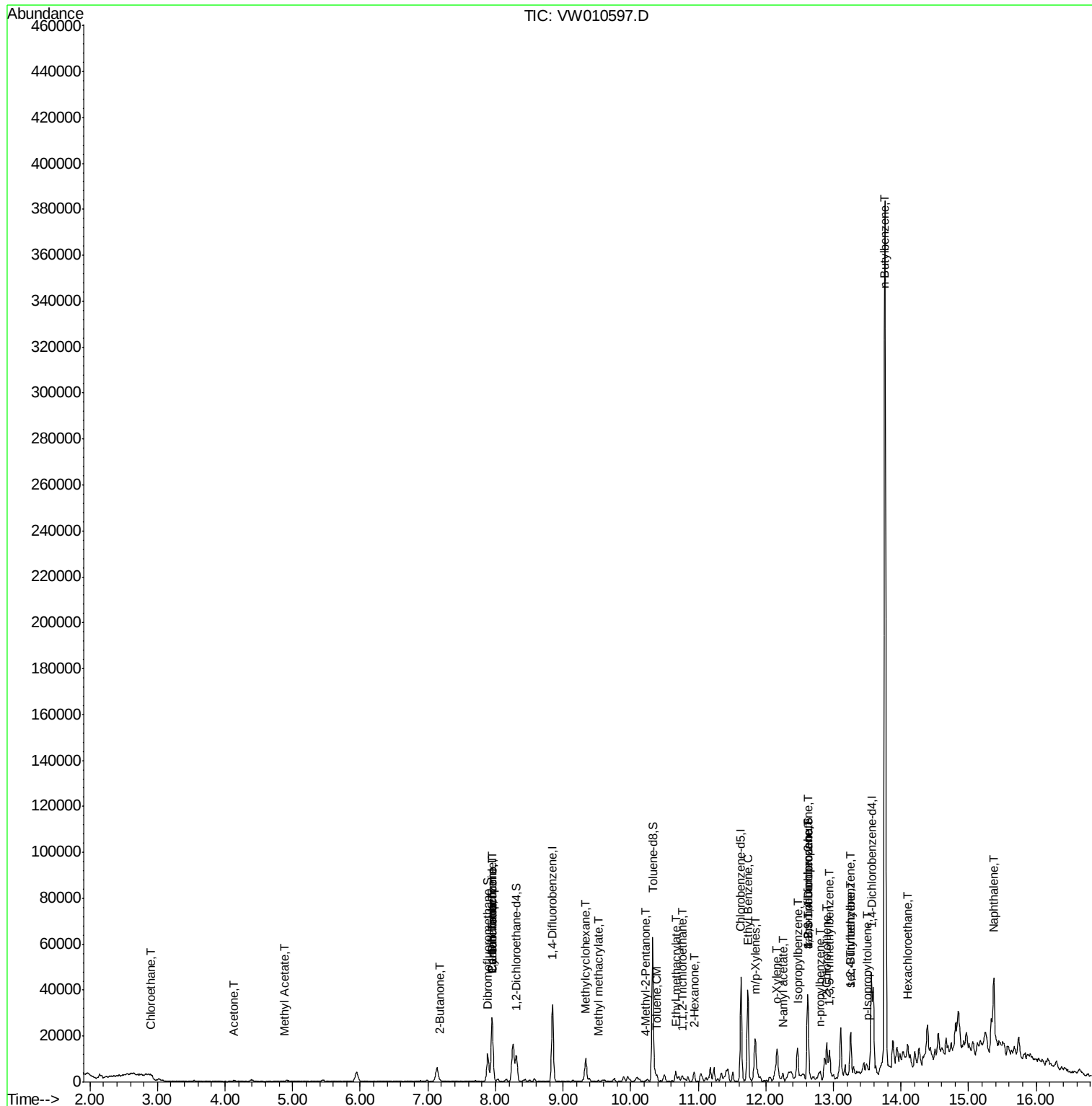
Target Compounds						Qvalue
6) Chloroethane	2.90	64	197	1.314	ug/l #	43
16) Acetone	4.13	43	1160	28.697	ug/l	100
18) Methyl Acetate	4.88	43	164	1.659	ug/l #	48
20) Methylene Chloride	4.92	84	137	Below Cal	#	73
25) 2-Butanone	7.18	43	94	1.625	ug/l #	45
31) Cyclohexane	7.95	56	1146	3.048	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	1394	4.754	ug/l #	45
38) Carbon Tetrachloride	7.96	117	2138	6.758	ug/l #	17
39) Methylcyclohexane	9.34	83	3879	9.873	ug/l	91
48) Methyl methacrylate	9.53	41	176	1.544	ug/l #	37
51) 4-Methyl-2-Pentanone	10.22	43	265	2.099	ug/l #	85
52) Toluene	10.39	92	1342	2.452	ug/l	96
55) 1,1,2-Trichloroethane	10.76	97	1102	6.769	ug/l #	20
56) Ethyl methacrylate	10.66	69	451	2.009	ug/l #	1
59) 2-Hexanone	10.93	43	1459	16.201	ug/l #	22
67) Ethyl Benzene	11.73	91	28539	28.483	ug/l	99
68) m/p-Xylenes	11.84	106	5180	13.181	ug/l	97
69) o-Xylene	12.17	106	3721	9.993	ug/l	99
73) Isopropylbenzene	12.47	105	8887	9.897	ug/l	97
74) N-amyl acetate	12.26	43	915	4.447	ug/l #	50
76) 1,2,3-Trichloropropane	12.62	75	6140	53.454	ug/l #	1
78) n-propylbenzene	12.80	91	3033	2.898	ug/l	99
79) 2-Chlorotoluene	12.90	91	1140	1.879	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.94	105	4014	5.278	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	6140	111.560	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.26	105	10678	14.097	ug/l	99
85) sec-Butylbenzene	13.26	105	10678	11.486	ug/l #	55
86) p-Isopropyltoluene	13.50	119	1022	1.215	ug/l #	77
89) n-Butylbenzene	13.76	91	32546	40.662	ug/l #	41
90) Hexachloroethane	14.10	117	479	2.941	ug/l #	15
95) Naphthalene	15.37	128	29719	57.926	ug/l	99

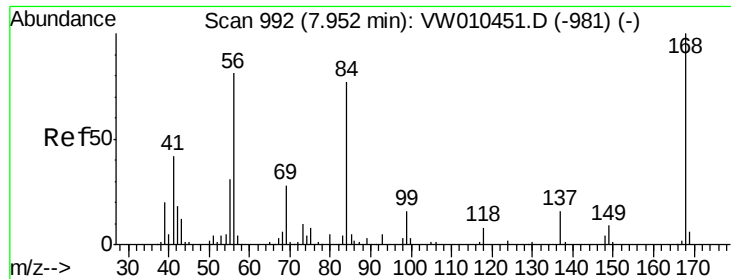
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

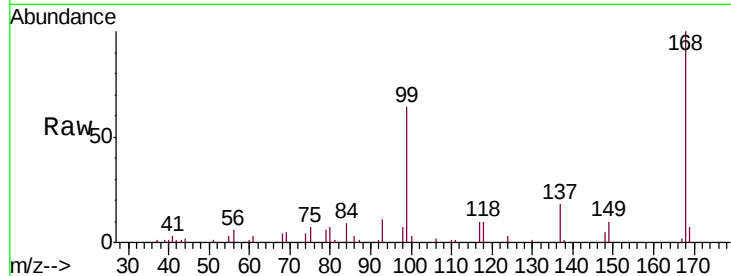
B-13-1.5-2.0RE

Tgt Ion:168 Resp: 19186

Ion Ratio Lower Upper

168 100

99 64.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

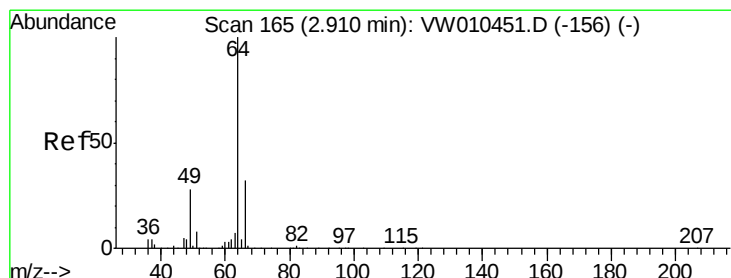
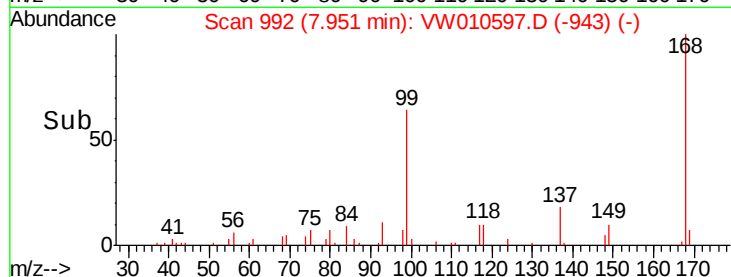
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#6

Chloroethane

Concen: 1.314 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010597.D

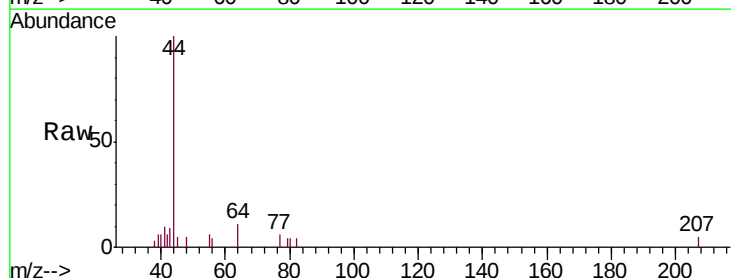
Acq: 29 May 2019 18:04

Tgt Ion: 64 Resp: 197

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.90

250

200

150

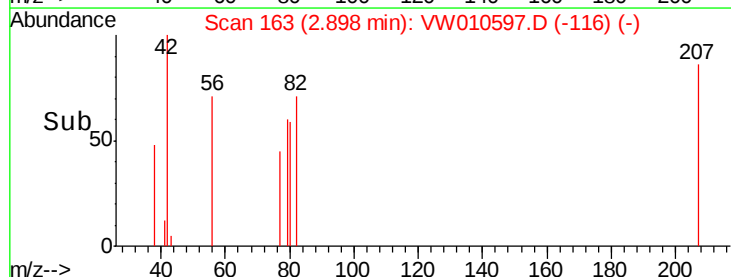
100

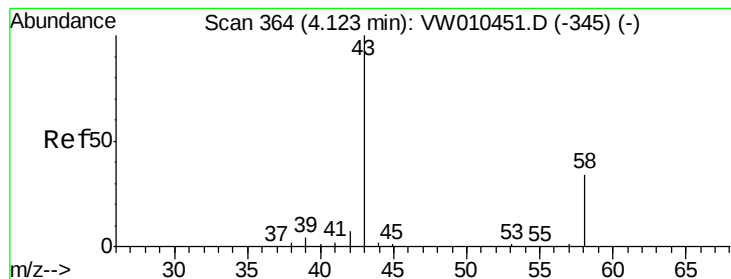
50

0

Time-->

2.88 2.90 2.92 2.94





#16

Acetone

Concen: 28.697 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

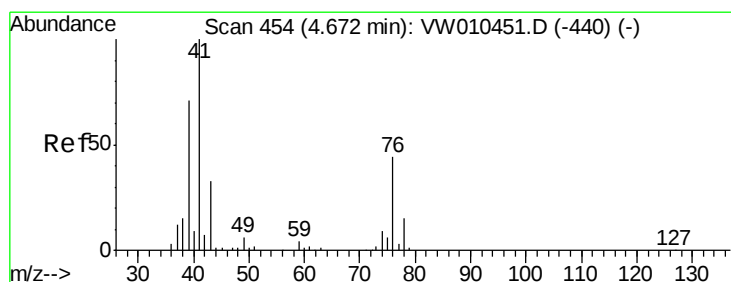
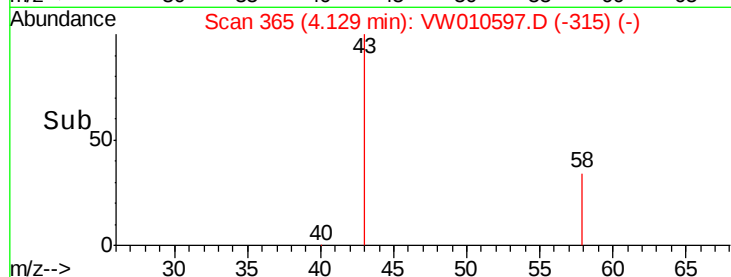
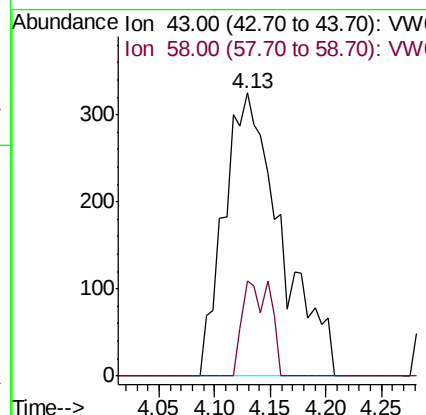
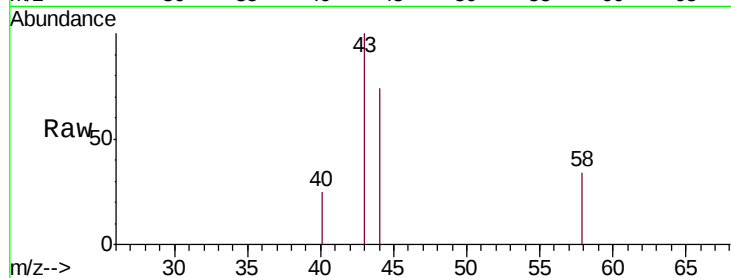
B-13-1.5-2.0RE

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

58 33.5 27.0 40.4



#18

Methyl Acetate

Concen: 1.659 ug/l

RT: 4.88 min Scan# 489

Delta R.T. 0.21 min

Lab File: VW010597.D

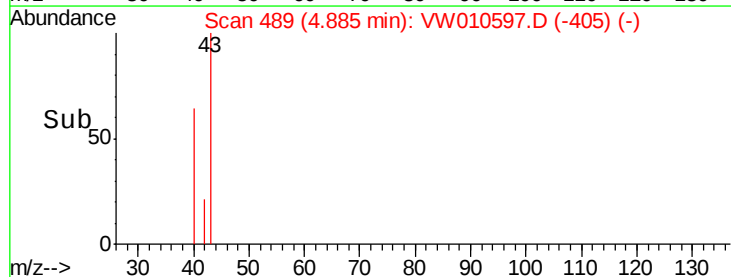
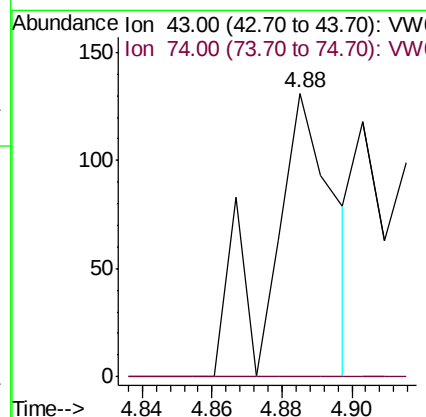
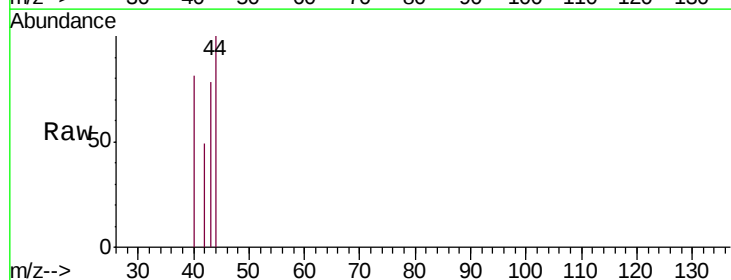
Acq: 29 May 2019 18:04

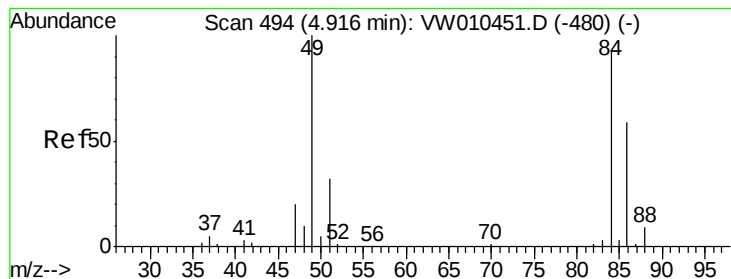
Tgt Ion: 43 Resp: 164

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0RE

Tgt Ion: 84 Resp: 137

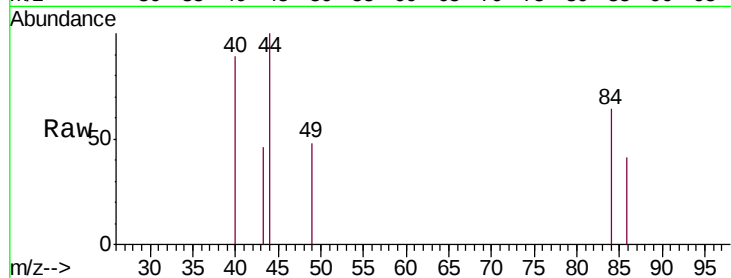
Ion Ratio Lower Upper

84 100

49 74.5 87.2 130.8#

51 0.0 27.7 41.5#

86 63.8 51.4 77.0

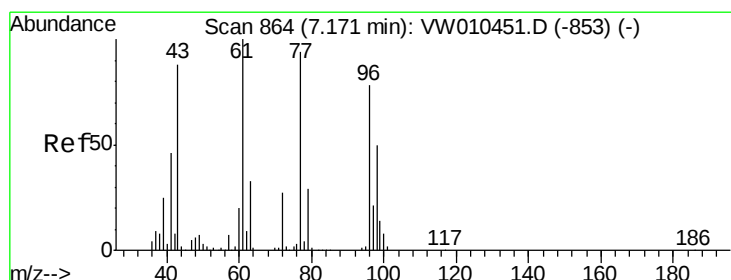
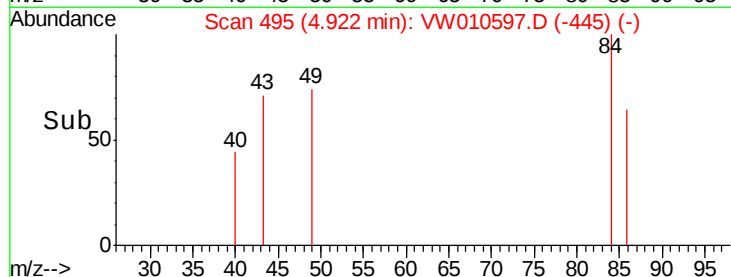
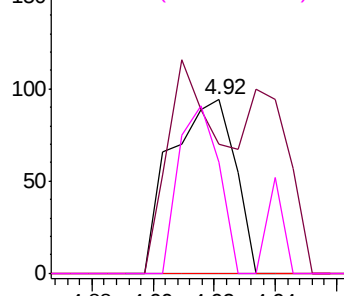


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 1.625 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010597.D

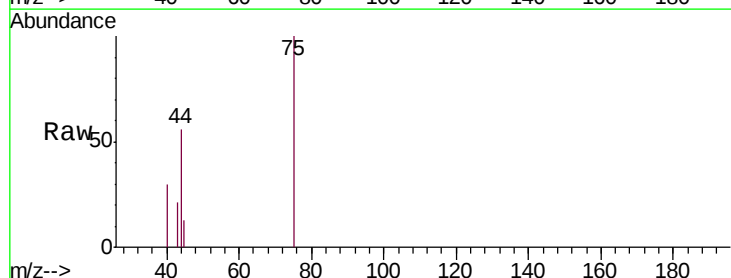
Acq: 29 May 2019 18:04

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

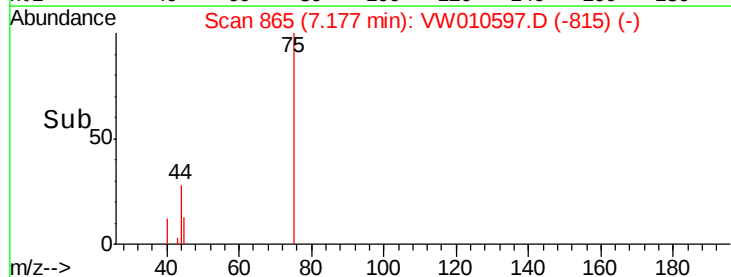
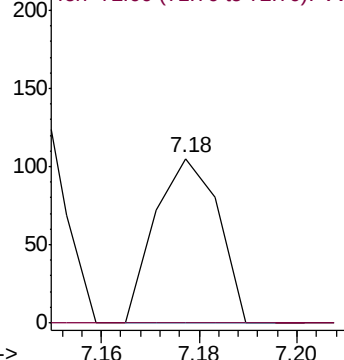
43 100

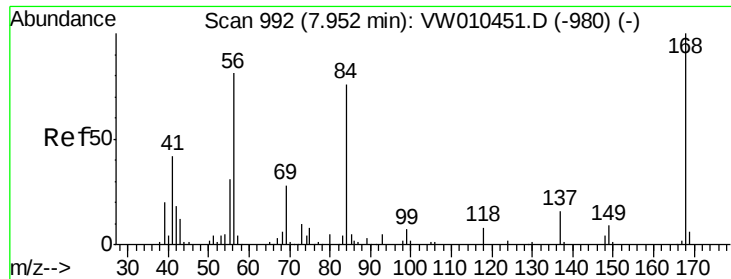
72 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

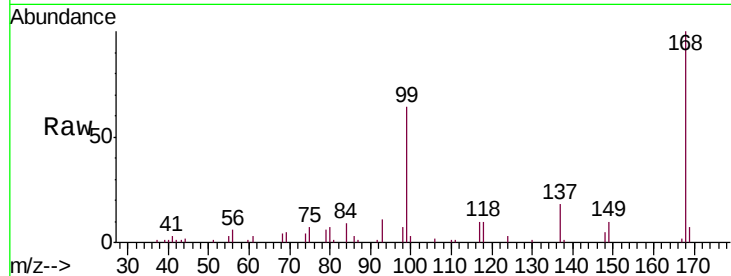




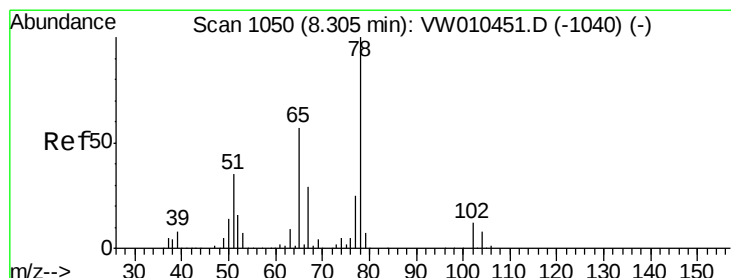
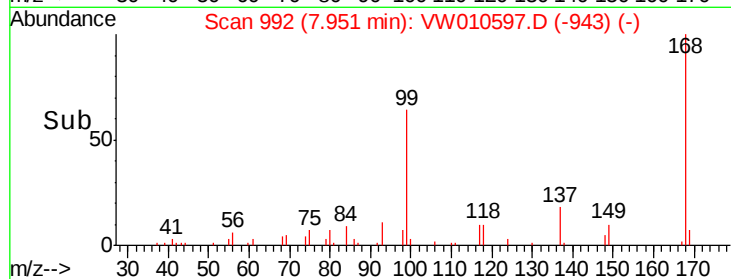
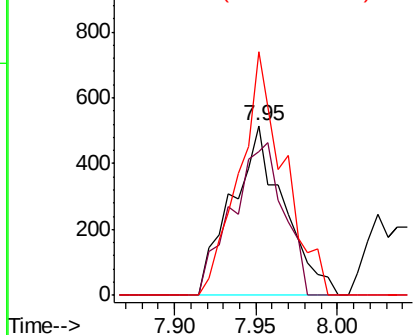
#31
Cyclohexane
Concen: 3.048 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

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

Tgt Ion: 56 Resp: 1146
Ion Ratio Lower Upper
56 100
69 84.3 28.2 42.2#
84 143.2 75.8 113.8#

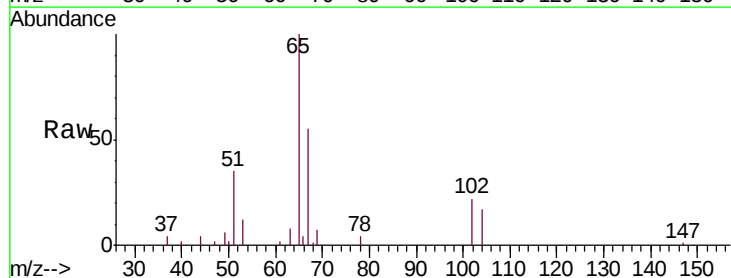


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

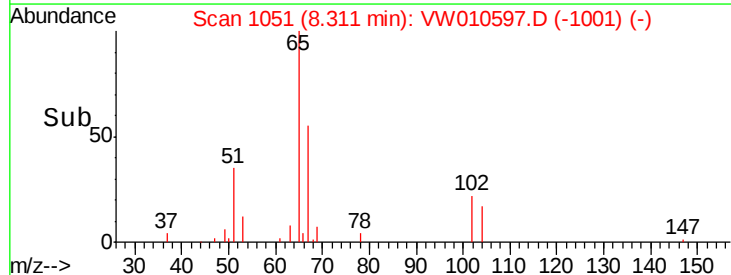
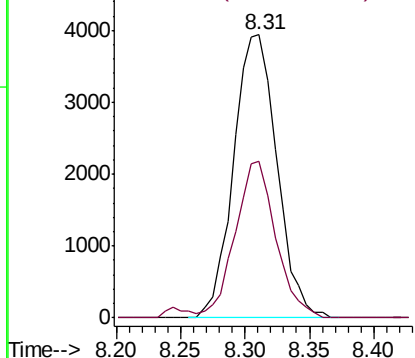


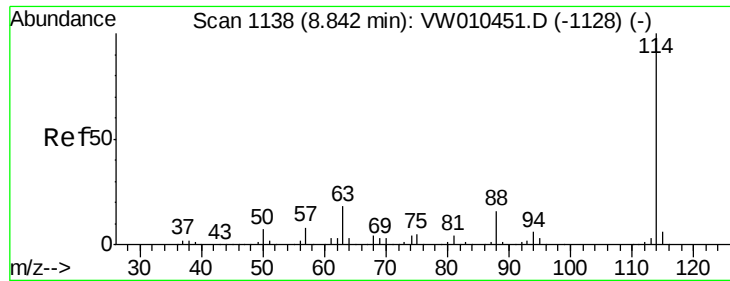
#33
1,2-Dichloroethane-d4
Concen: 46.366 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 65 Resp: 9182
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.6



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

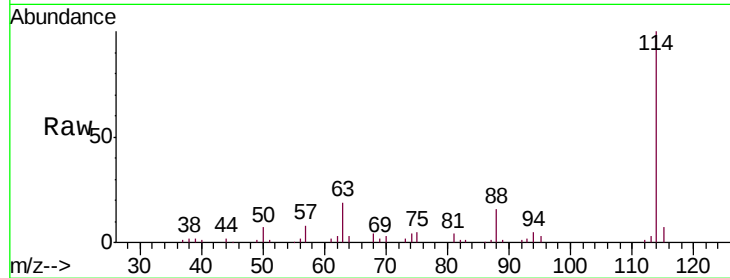




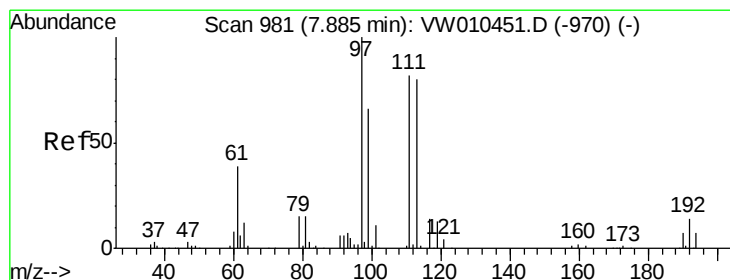
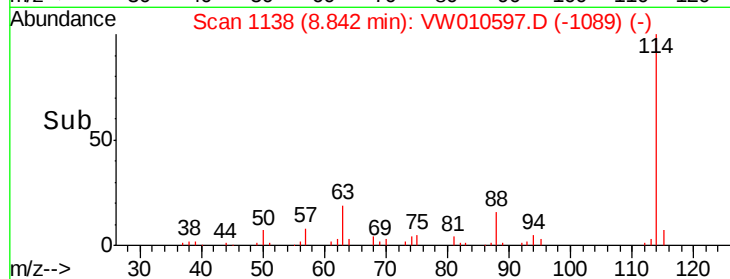
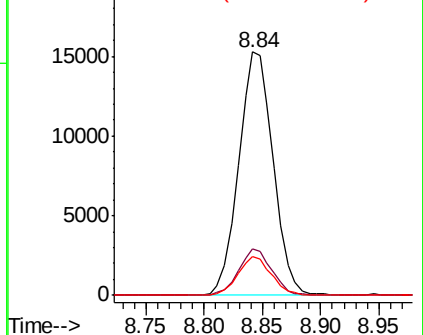
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

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

Tgt Ion:114 Resp: 31480
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.0
 88 15.8 0.0 32.0

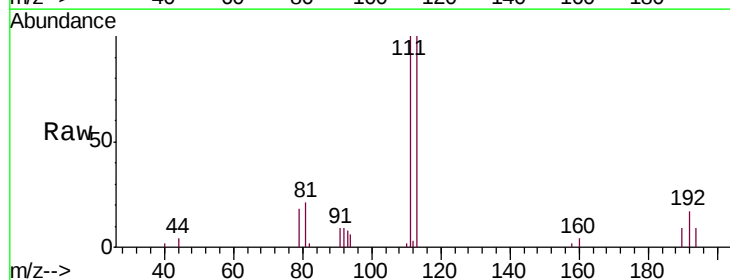


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

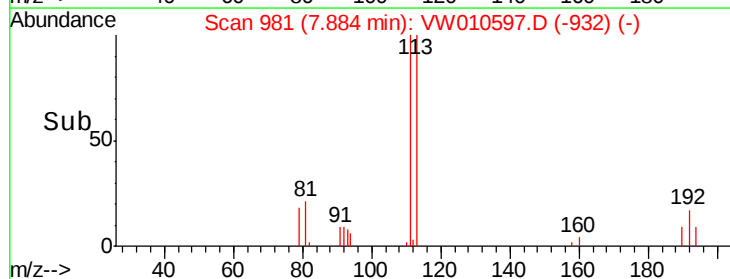
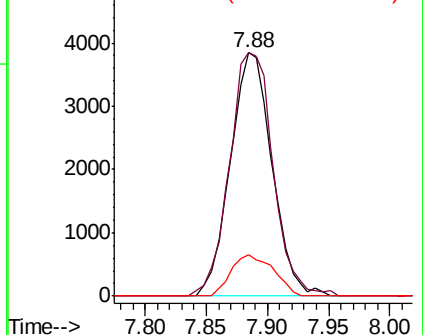


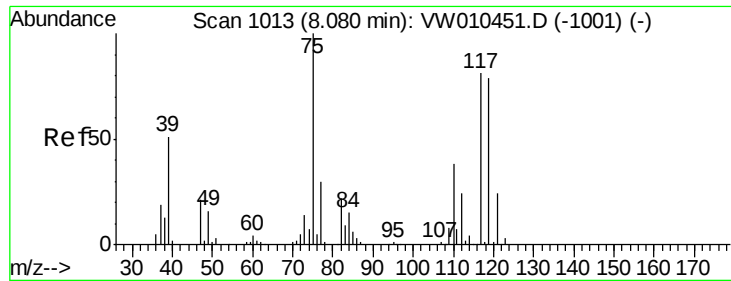
#35
 Dibromofluoromethane
 Concen: 47.389 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

Tgt Ion:113 Resp: 9052
 Ion Ratio Lower Upper
 113 100
 111 104.9 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

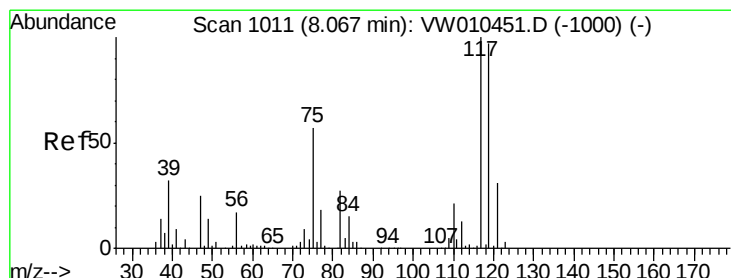
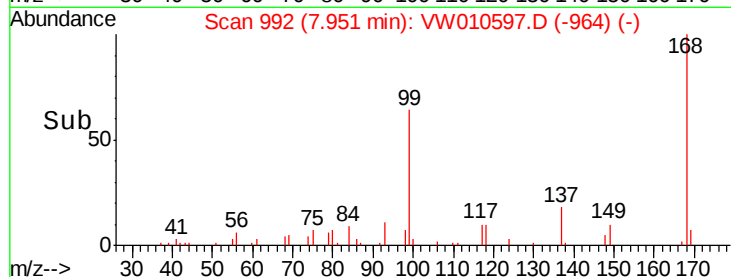
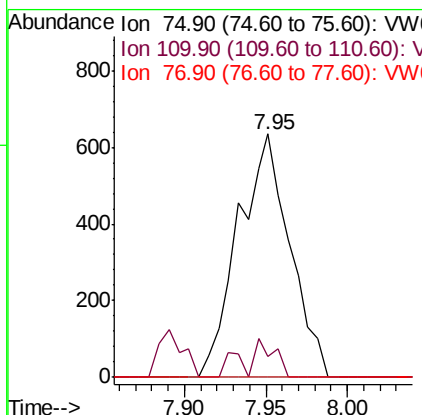
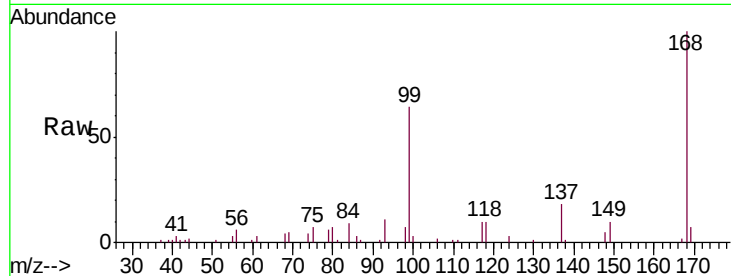




#36
 1,1-Dichloropropene
 Concen: 4.754 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

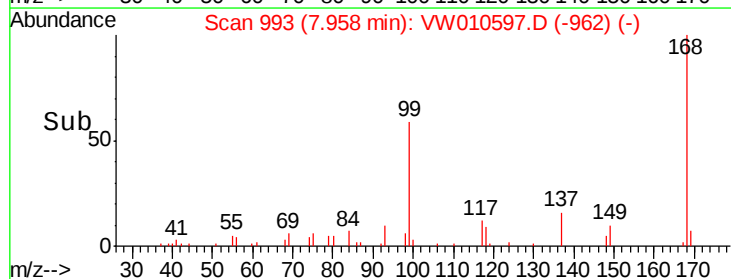
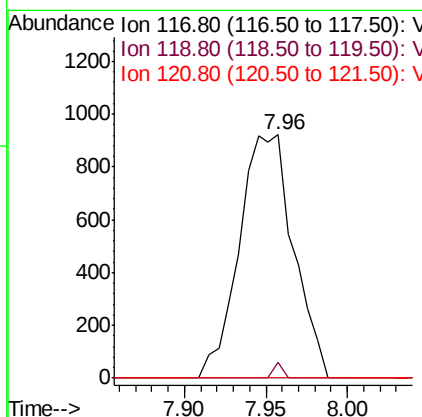
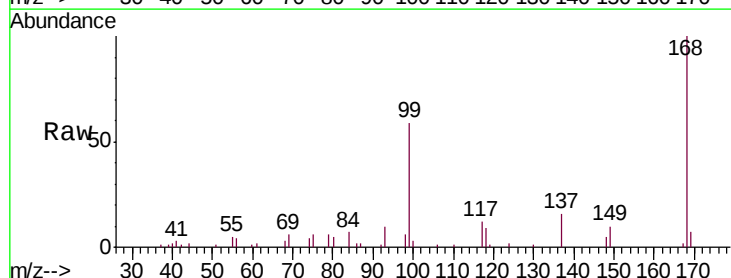
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0RE

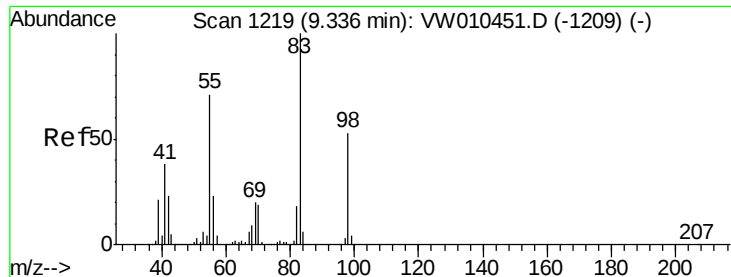
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.758 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.4	116.0#
121	0.0	25.0	37.6#

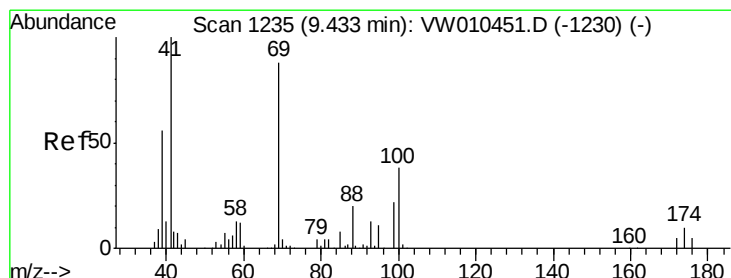
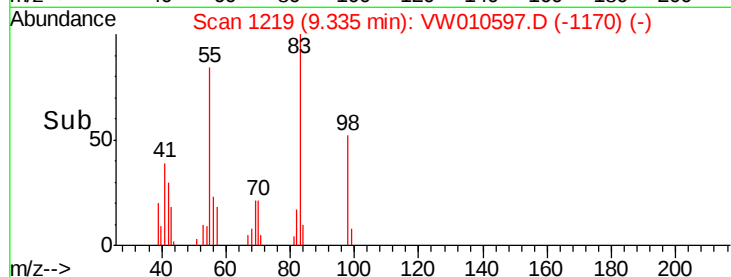
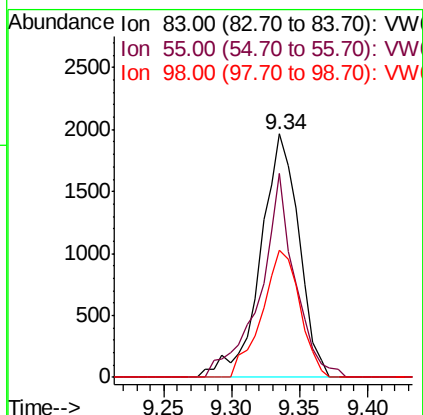
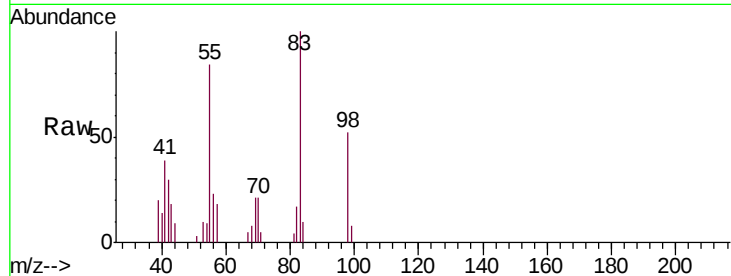




#39
Methylcyclohexane
Concen: 9.873 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

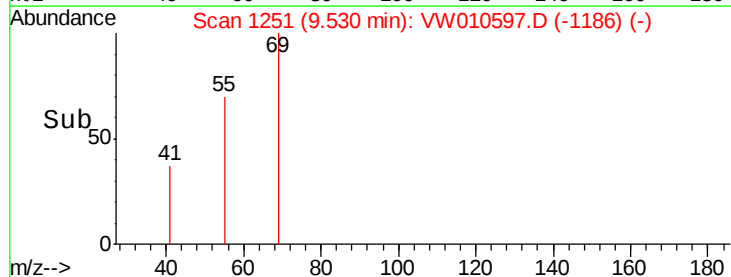
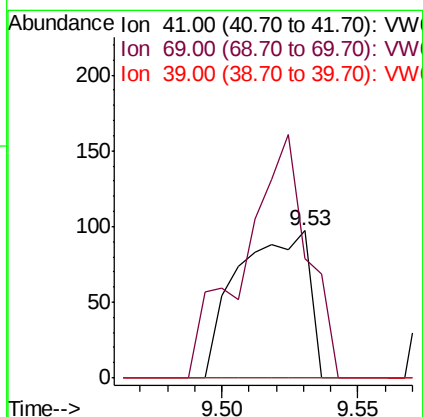
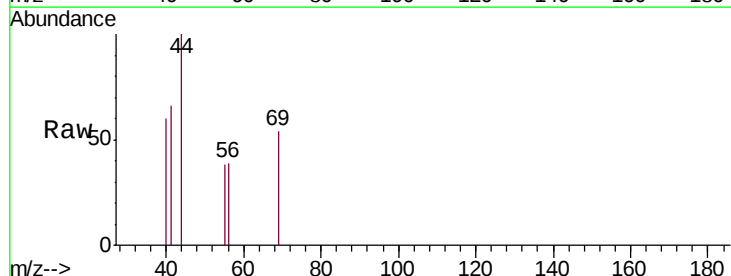
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

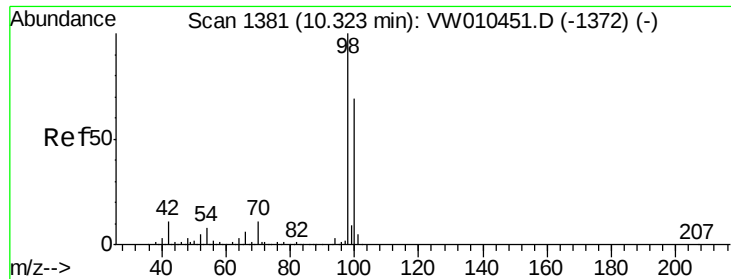
Tgt Ion: 83 Resp: 3879
Ion Ratio Lower Upper
83 100
55 83.9 57.0 85.6
98 52.2 42.0 63.0



#48
Methyl methacrylate
Concen: 1.544 ug/l
RT: 9.53 min Scan# 1251
Delta R.T. 0.10 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 41 Resp: 176
Ion Ratio Lower Upper
41 100
69 148.3 77.6 116.4#
39 0.0 49.8 74.8#





#50

Toluene-d8

Concen: 53.098 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

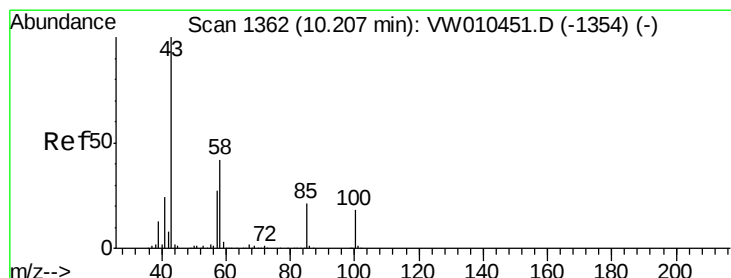
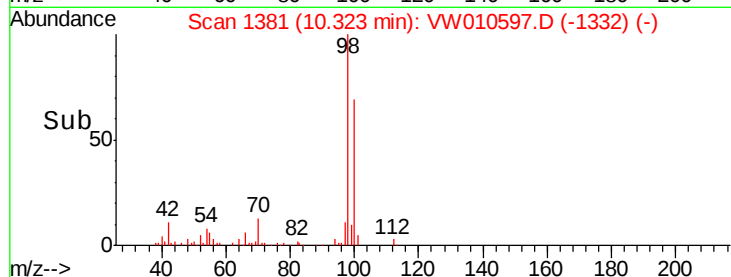
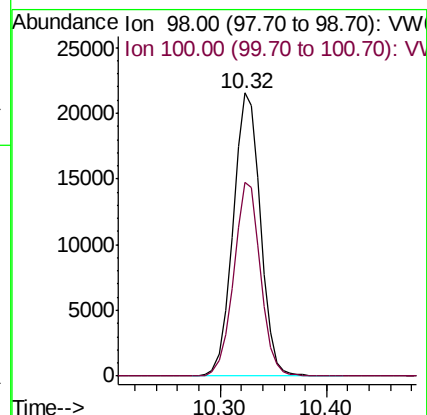
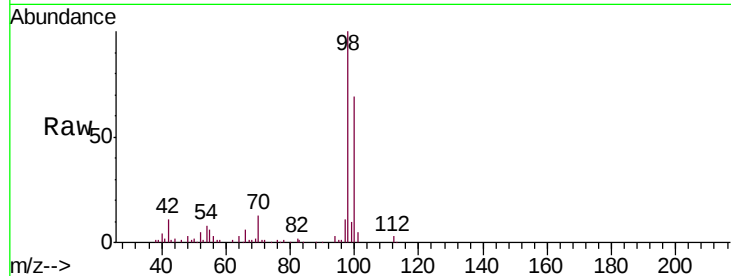
B-13-1.5-2.0RE

Tgt Ion: 98 Resp: 38747

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 2.099 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW010597.D

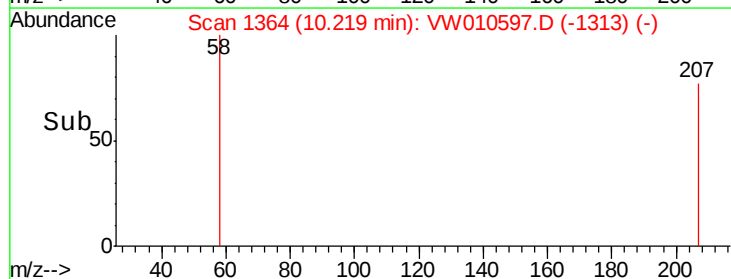
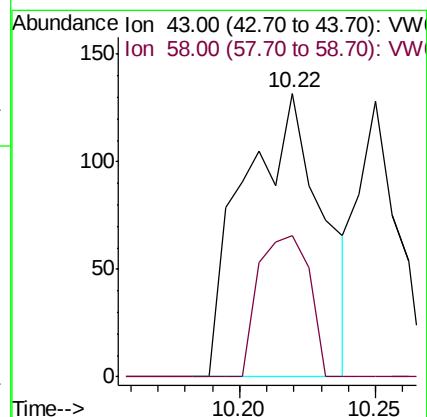
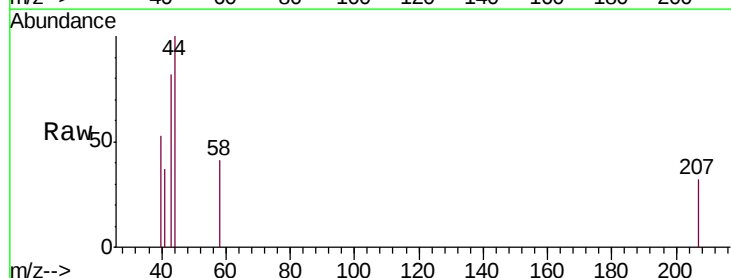
Acq: 29 May 2019 18:04

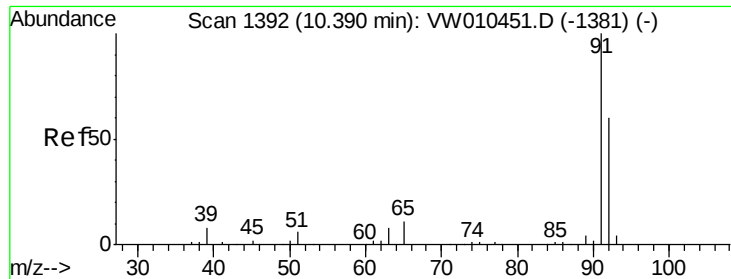
Tgt Ion: 43 Resp: 265

Ion Ratio Lower Upper

43 100

58 32.1 33.2 49.8#





#52

Toluene

Concen: 2.452 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

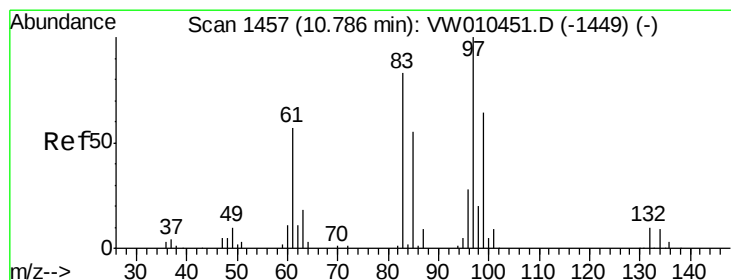
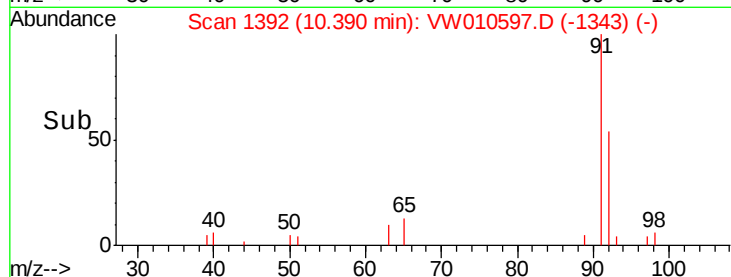
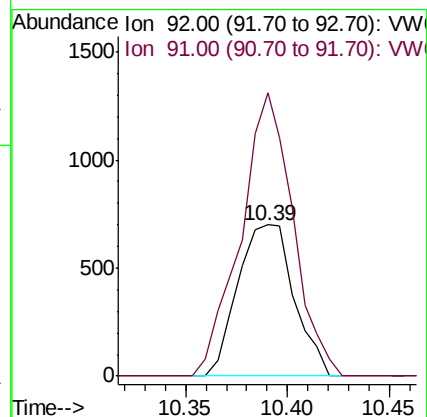
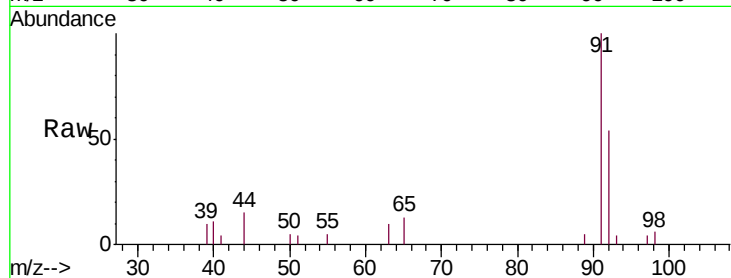
B-13-1.5-2.0RE

Tgt Ion: 92 Resp: 1342

Ion Ratio Lower Upper

92 100

91 174.4 135.4 203.0



#55

1,1,2-Trichloroethane

Concen: 6.769 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Tgt Ion: 97 Resp: 1102

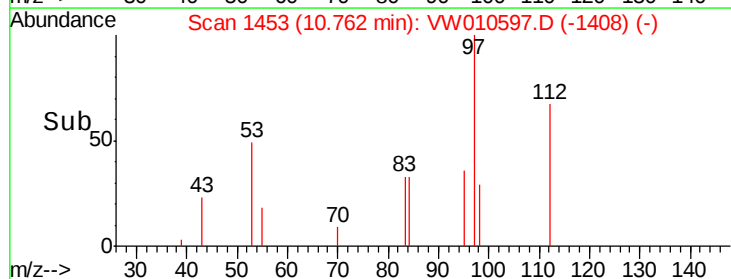
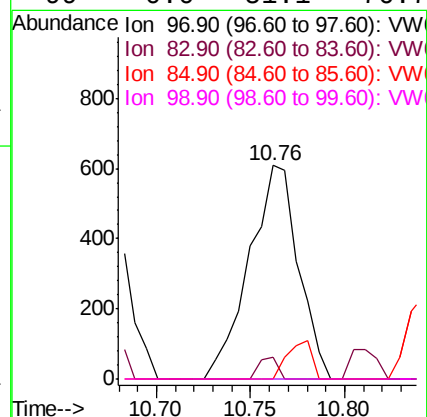
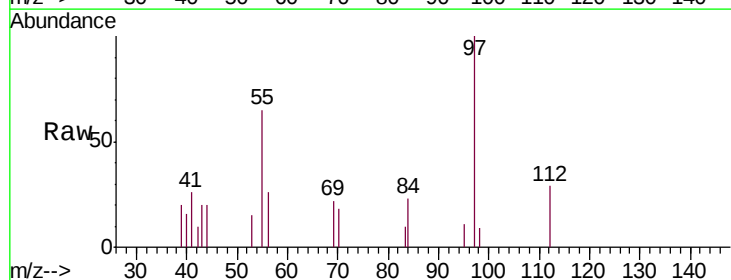
Ion Ratio Lower Upper

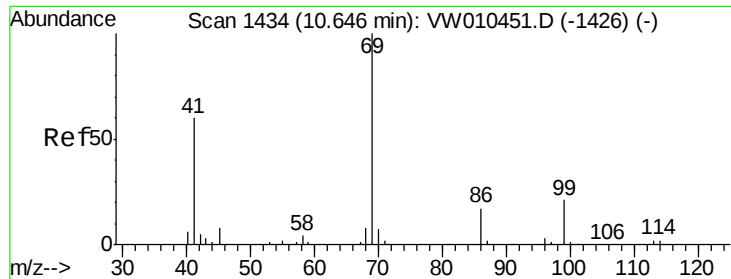
97 100

83 10.2 66.1 99.1#

85 0.0 44.2 66.4#

99 0.0 51.1 76.7#

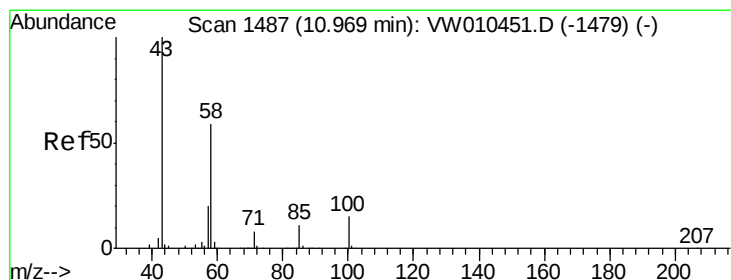
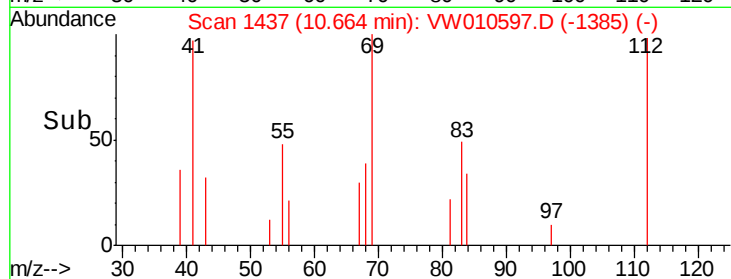
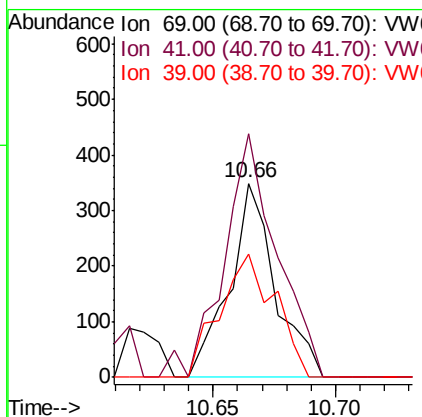
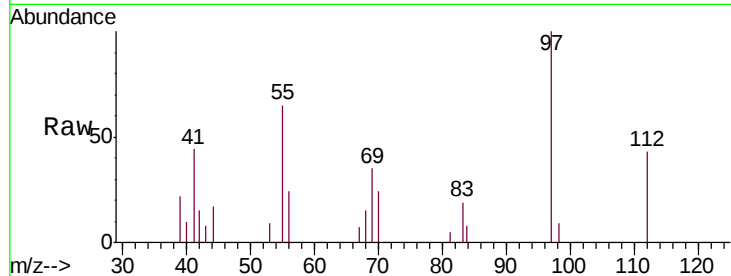




#56
Ethyl methacrylate
Concen: 2.009 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

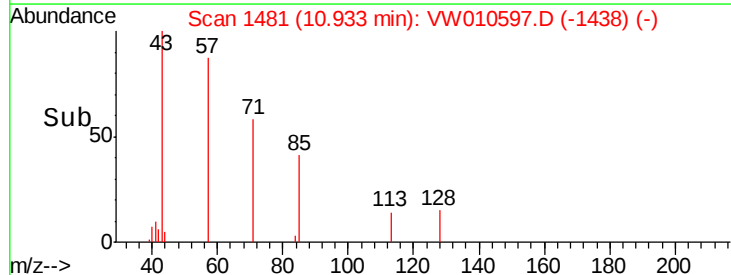
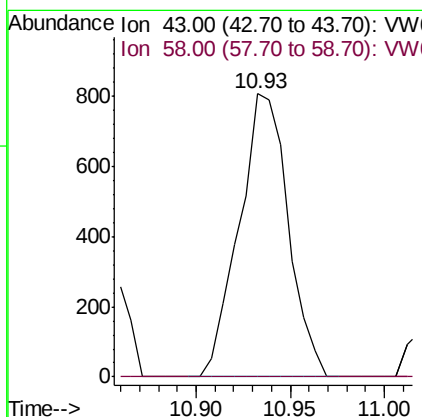
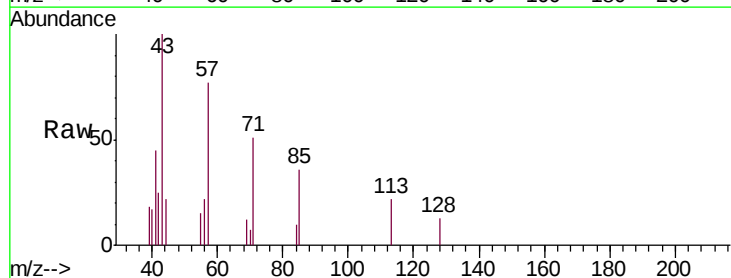
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

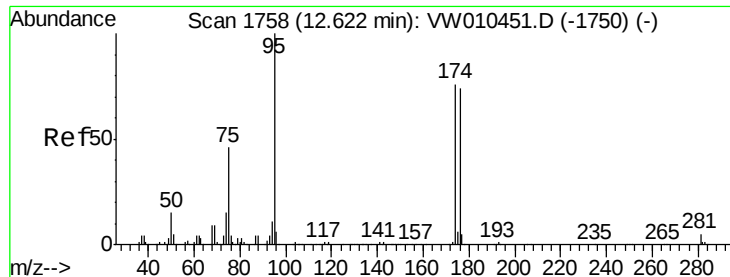
Tgt Ion: 69 Resp: 451
Ion Ratio Lower Upper
69 100
41 145.2 47.7 71.5#
39 76.9 25.3 37.9#



#59
2-Hexanone
Concen: 16.201 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 0.0 28.9 86.8#





#62

4-Bromofluorobenzene

Concen: 47.217 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0RE

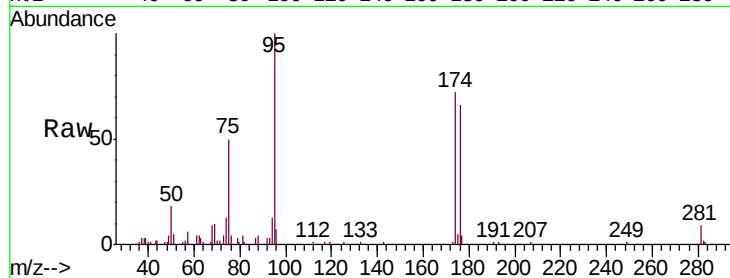
Tgt Ion: 95 Resp: 13724

Ion Ratio Lower Upper

95 100

174 68.6 0.0 148.6

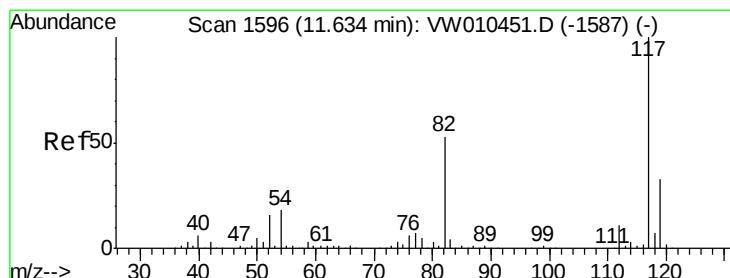
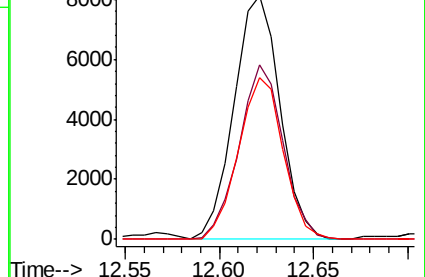
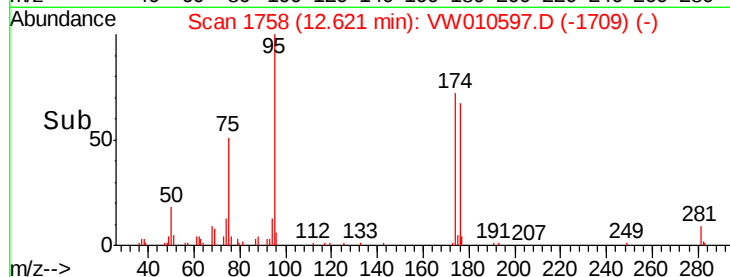
176 64.7 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

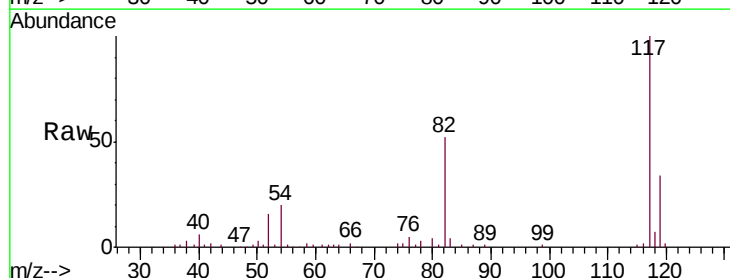
Tgt Ion: 117 Resp: 26628

Ion Ratio Lower Upper

117 100

82 51.9 42.8 64.2

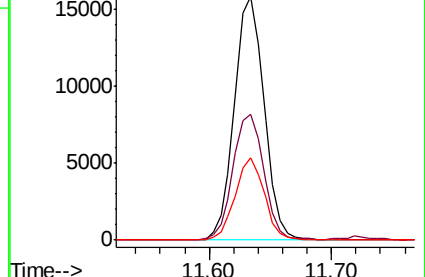
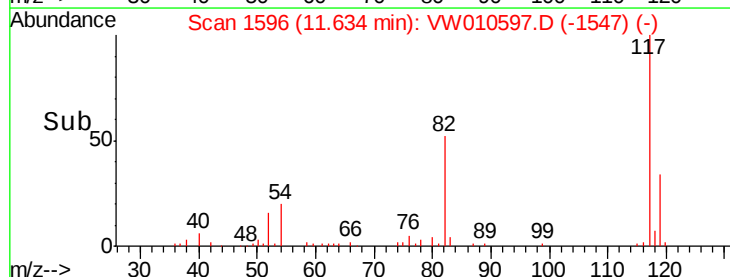
119 34.0 26.3 39.5

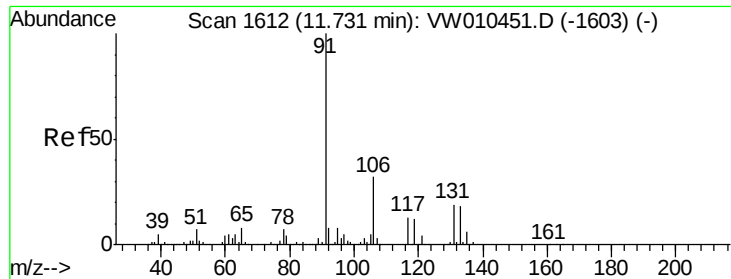


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

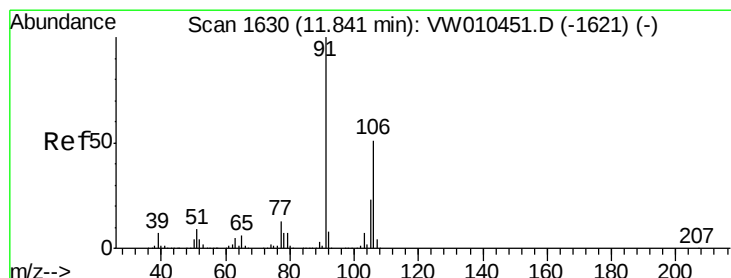
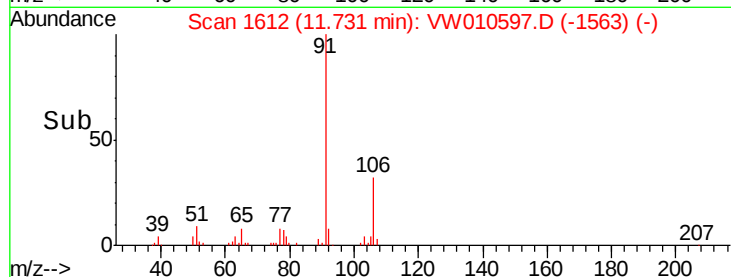
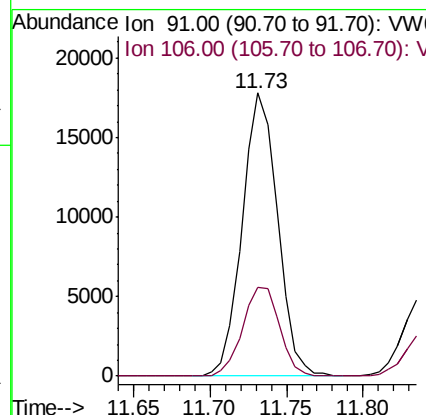
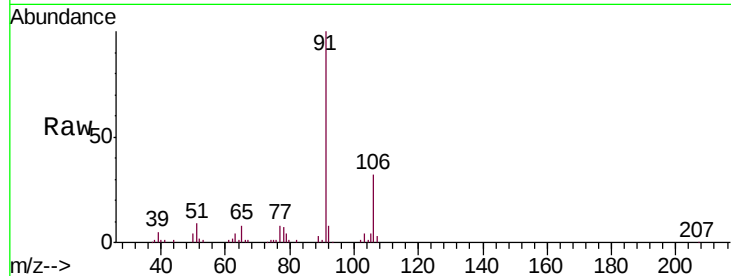




#67
Ethyl Benzene
Concen: 28.483 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

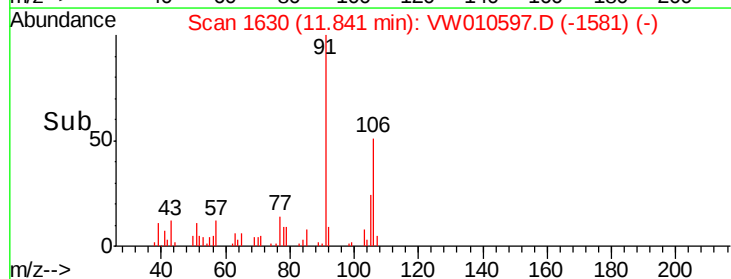
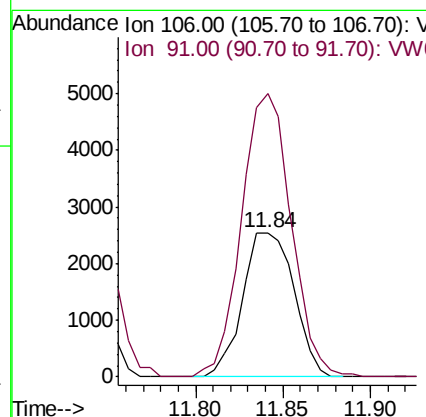
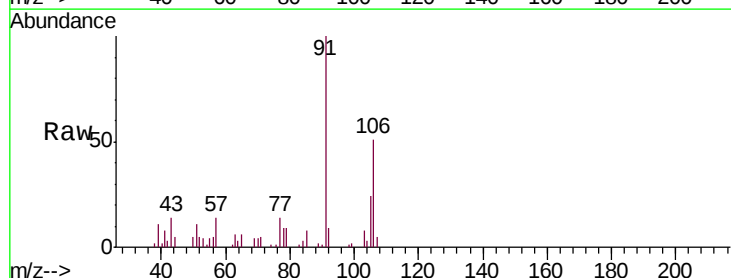
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

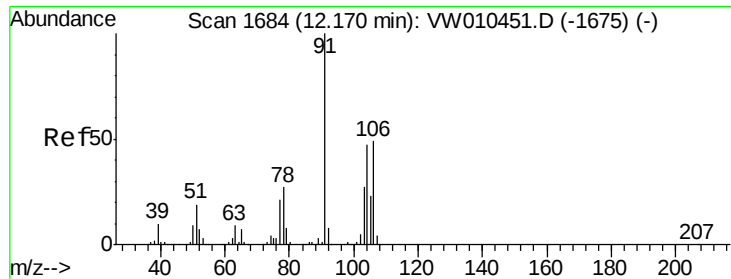
Tgt Ion: 91 Resp: 28539
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 13.181 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 106 Resp: 5180
Ion Ratio Lower Upper
106 100
91 191.3 156.0 234.0

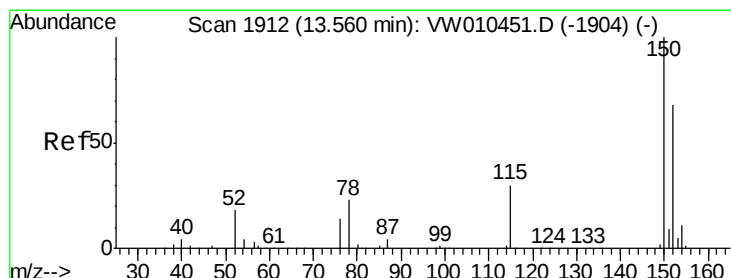
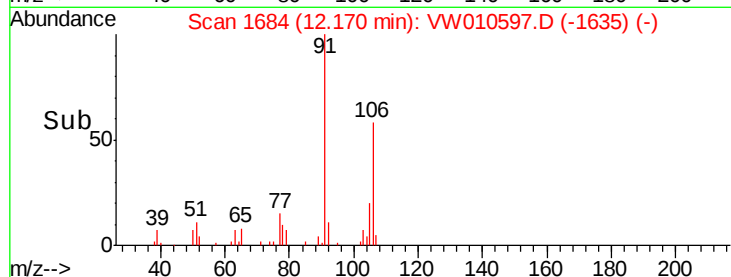
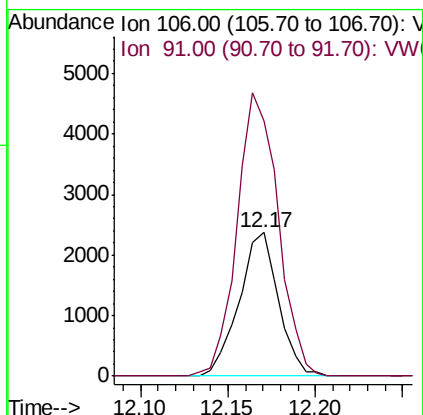
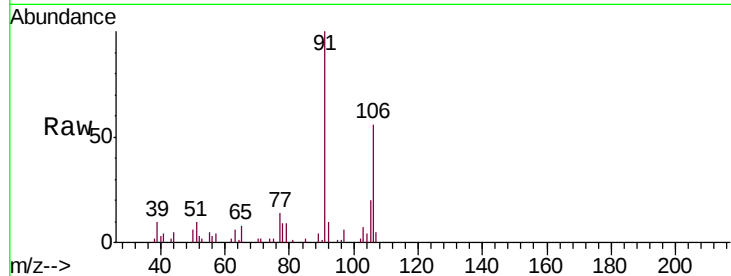




#69
o-Xylene
Concen: 9.993 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

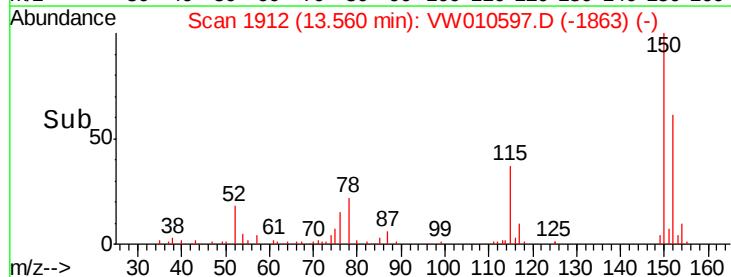
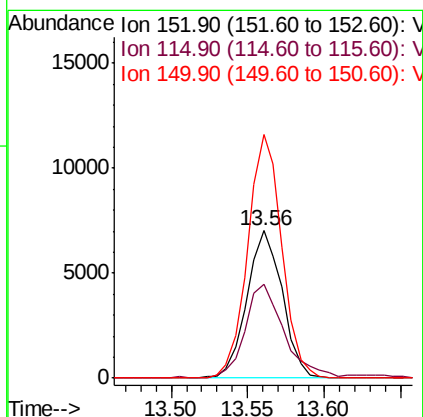
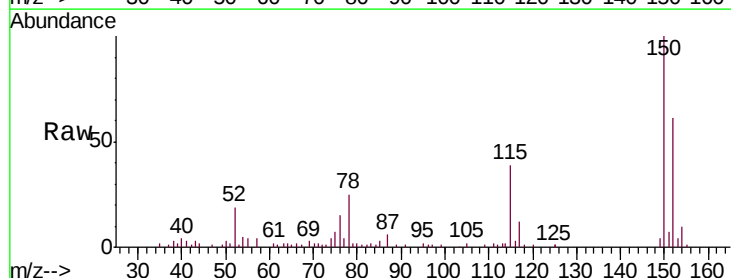
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

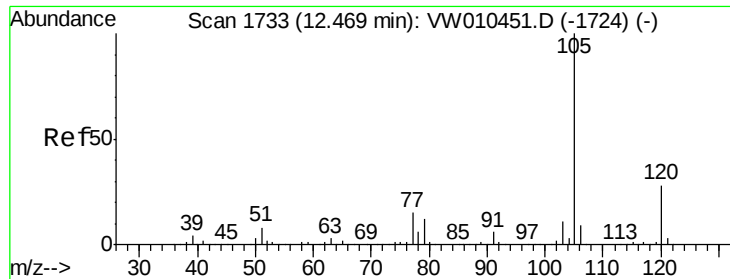
Tgt Ion:106 Resp: 3721
Ion Ratio Lower Upper
106 100
91 205.0 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion:152 Resp: 11316
Ion Ratio Lower Upper
152 100
115 71.0 30.3 91.0
150 158.3 0.0 349.8





#73

Isopropylbenzene

Concen: 9.897 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

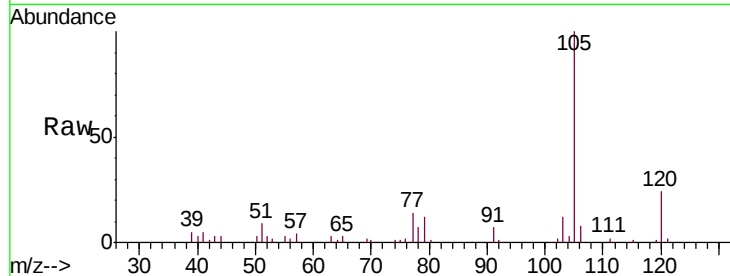
B-13-1.5-2.0RE

Tgt Ion: 105 Resp: 8887

Ion Ratio Lower Upper

105 100

120 26.5 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

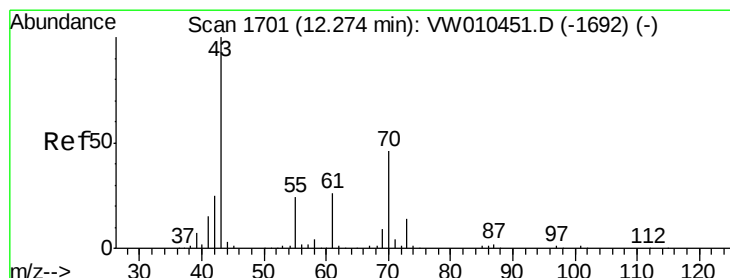
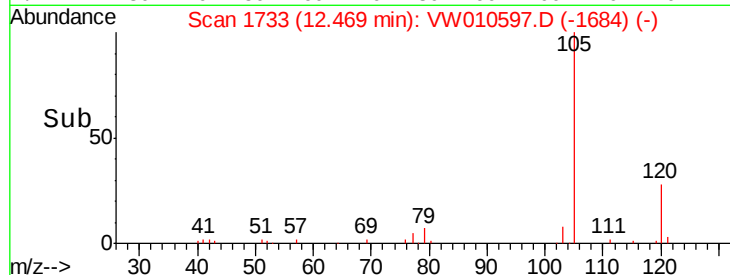
4000

2000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 4.447 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Tgt Ion: 43 Resp: 915

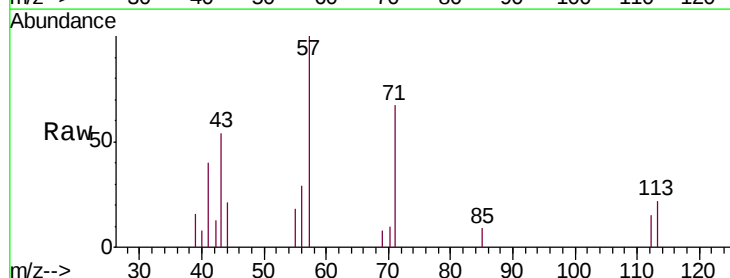
Ion Ratio Lower Upper

43 100

70 12.8 37.1 55.7#

55 0.0 19.6 29.4#

61 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

800

600

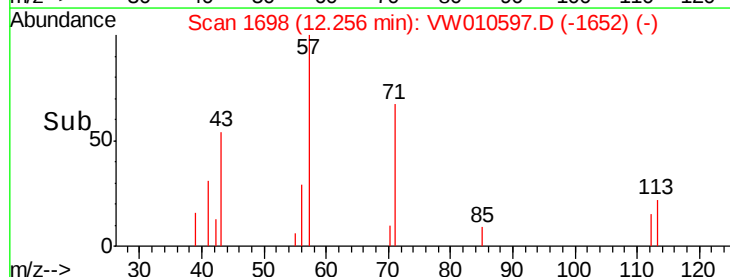
400

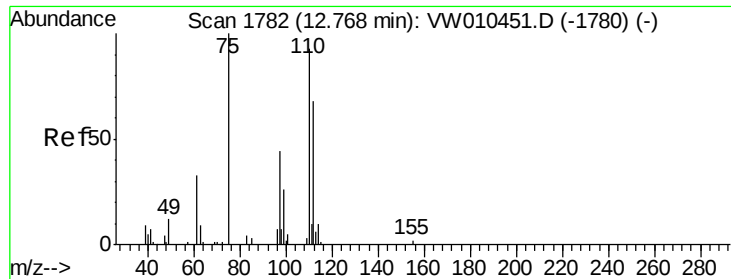
200

0

12.20 12.25 12.30

Time-->

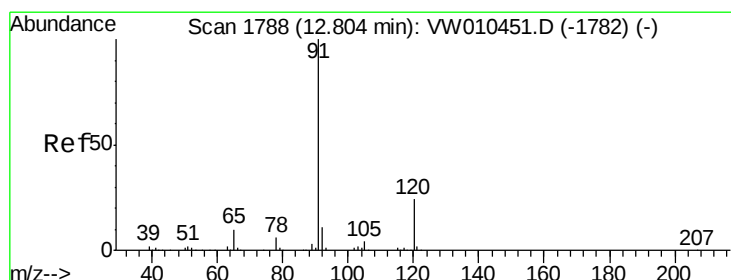
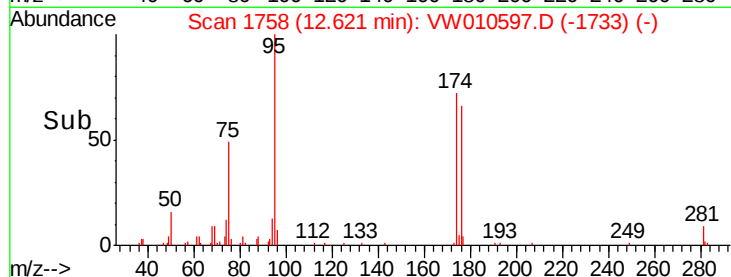
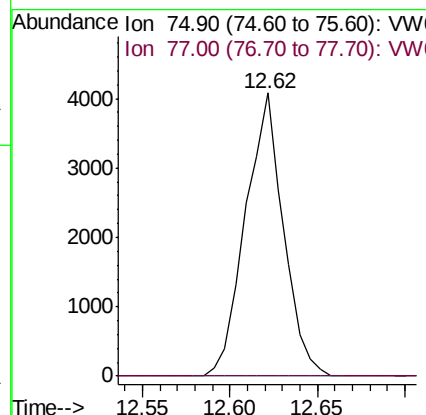
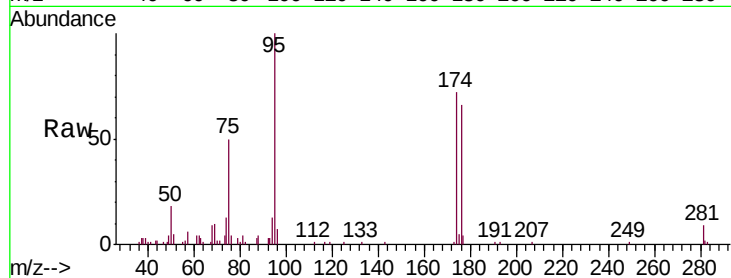




#76
 1,2,3-Trichloropropane
 Concen: 53.454 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

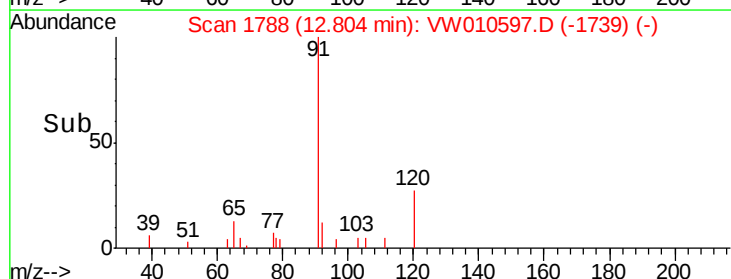
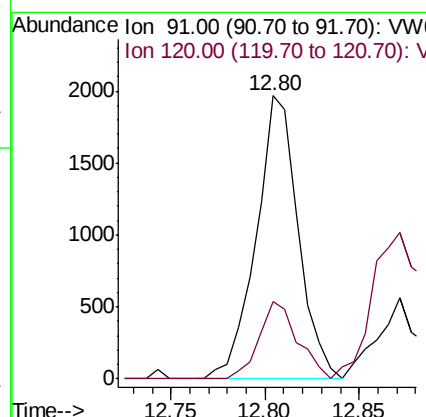
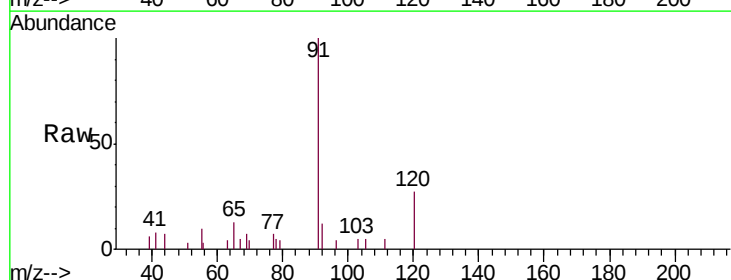
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0RE

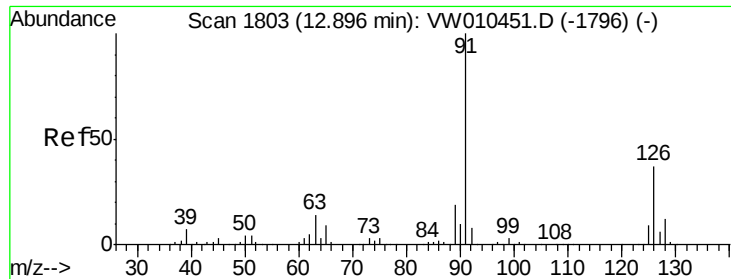
Tgt Ion: 75 Resp: 6140
 Ion Ratio Lower Upper
 75 100
 77 0.0 170.0 510.1#



#78
 n-propylbenzene
 Concen: 2.898 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

Tgt Ion: 91 Resp: 3033
 Ion Ratio Lower Upper
 91 100
 120 24.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 1.879 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

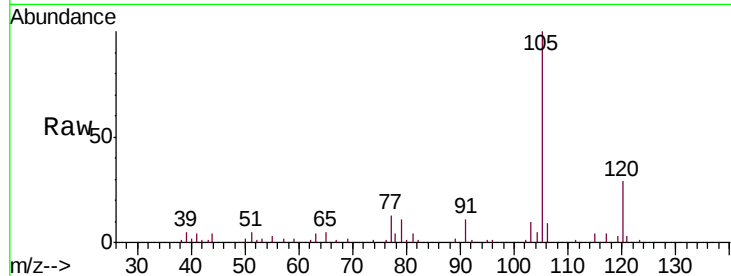
B-13-1.5-2.0RE

Tgt Ion: 91 Resp: 1140

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

12.90

600

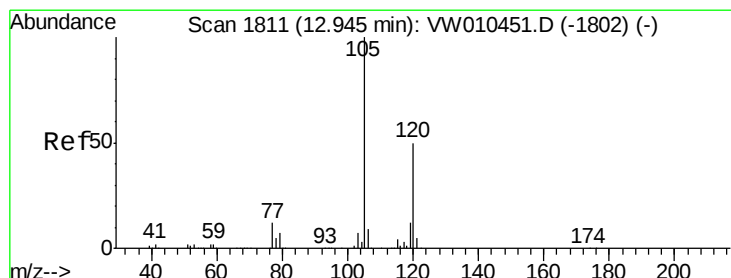
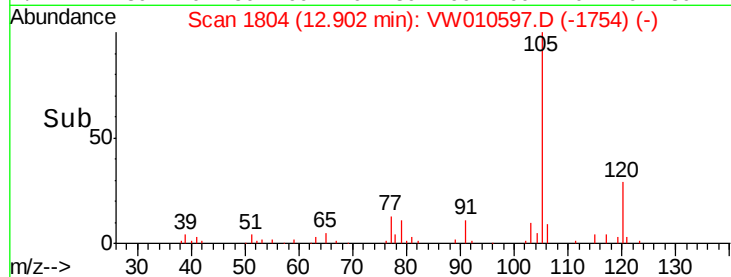
400

200

0

12.88 12.90 12.92 12.94

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.278 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010597.D

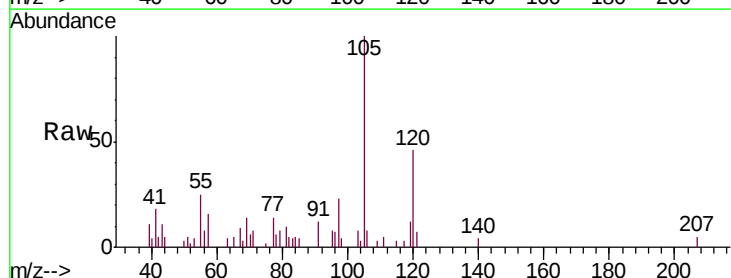
Acq: 29 May 2019 18:04

Tgt Ion:105 Resp: 4014

Ion Ratio Lower Upper

105 100

120 48.5 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

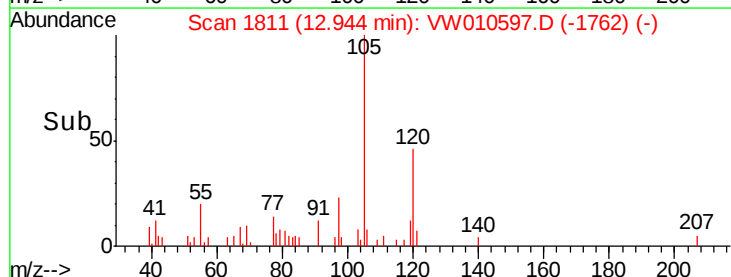
4000

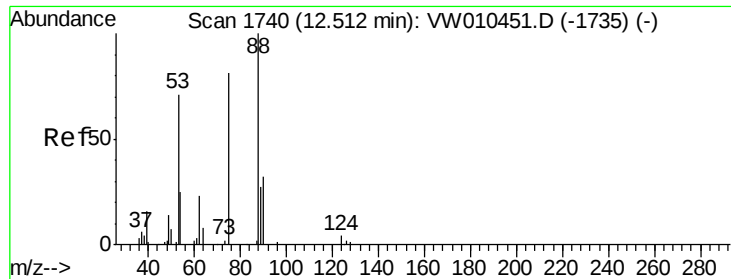
2000

0

12.90 12.94 13.00

Time-->

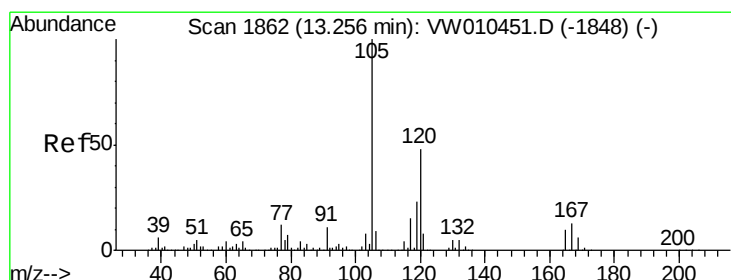
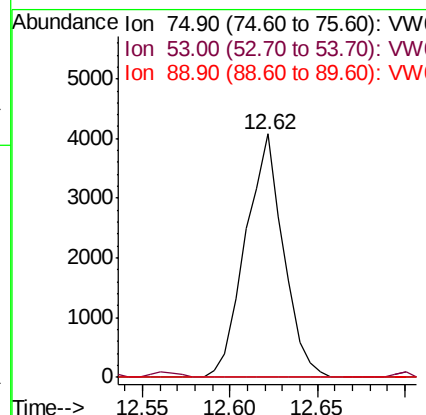
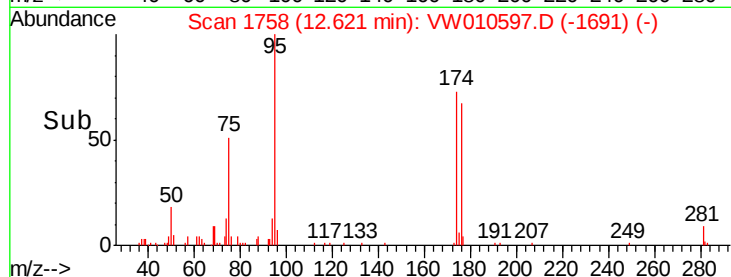
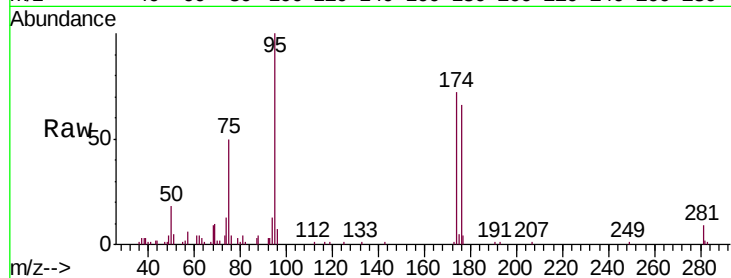




#81
trans-1,4-Dichloro-2-butene
Concen: 111.560 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

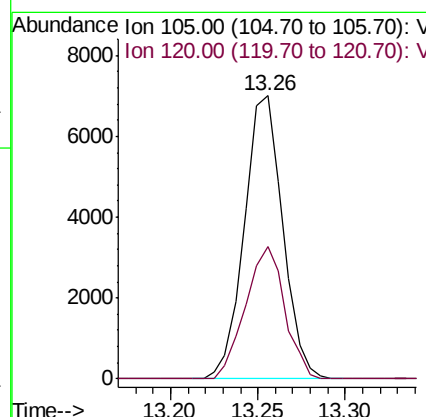
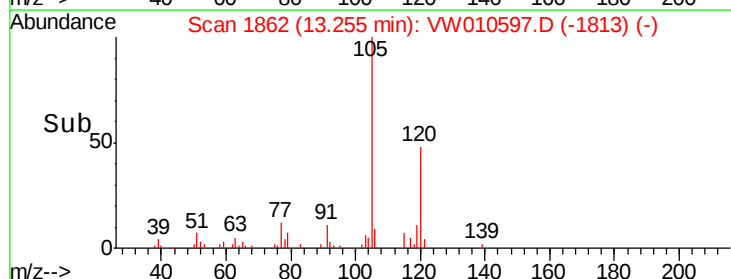
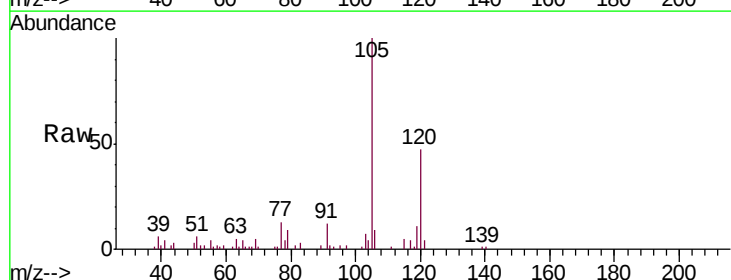
Instrument :
MSVOA_W
ClientSampled :
B-13-1.5-2.0RE

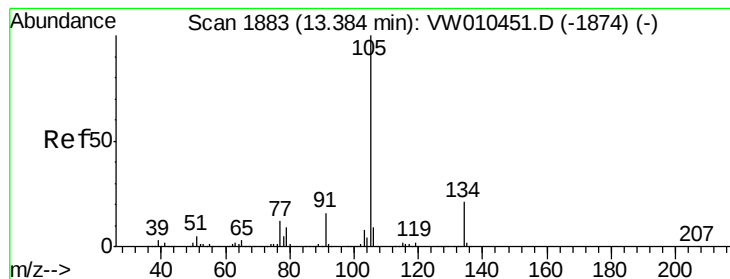
Tgt Ion: 75 Resp: 6140
Ion Ratio Lower Upper
75 100
53 0.0 69.8 104.8#
89 0.0 39.5 59.3#



#84
1,2,4-Trimethylbenzene
Concen: 14.097 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 105 Resp: 10678
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2





#85

sec-Butylbenzene

Concen: 11.486 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.13 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

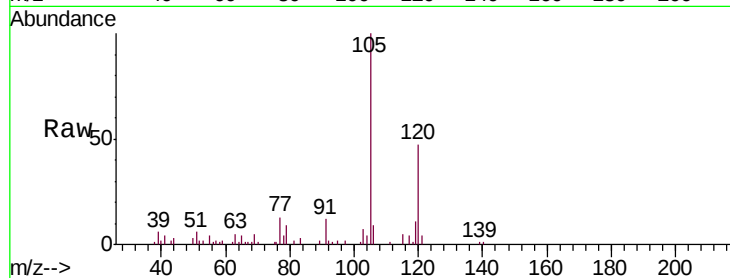
B-13-1.5-2.0RE

Tgt Ion:105 Resp: 10678

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

8000

6000

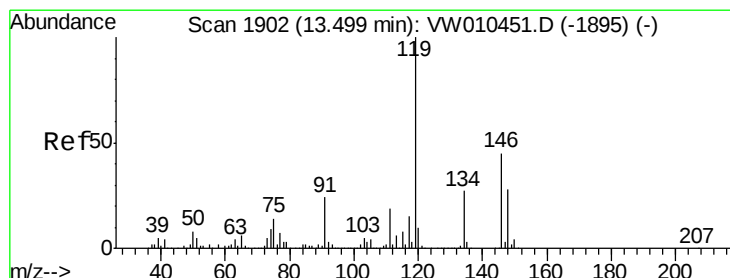
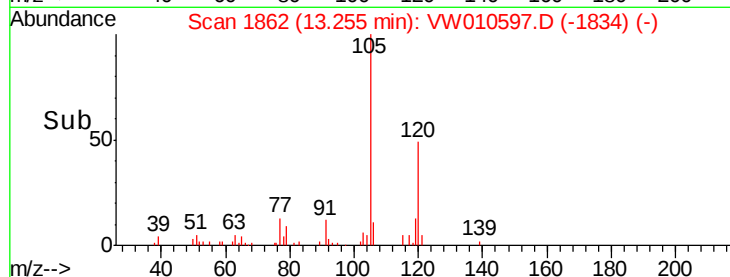
4000

2000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 1.215 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

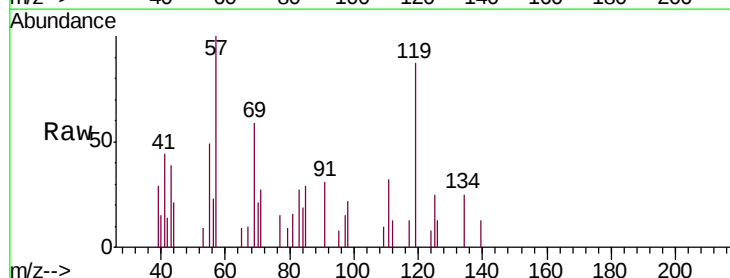
Tgt Ion:119 Resp: 1022

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 0.0 11.9 35.7#



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

1000

800

600

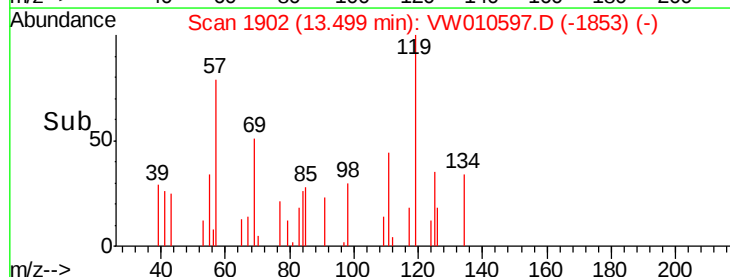
400

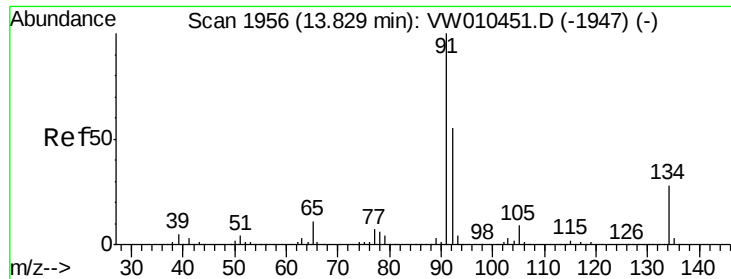
200

0

13.45 13.50 13.55

Time-->





#89

n-Butylbenzene

Concen: 40.662 ug/l

RT: 13.76 min Scan# 1945

Delta R.T. -0.07 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

B-13-1.5-2.0RE

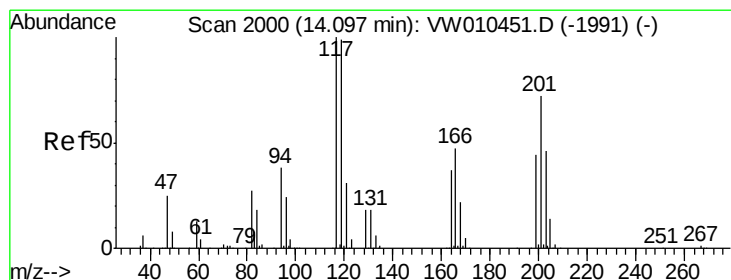
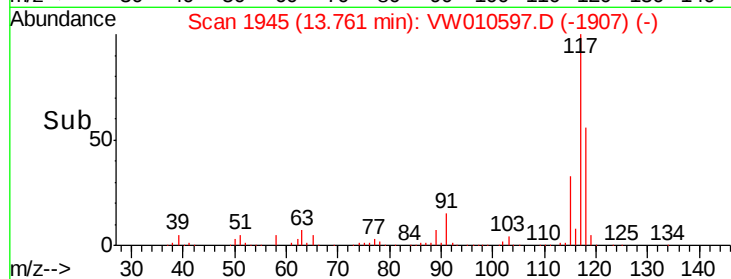
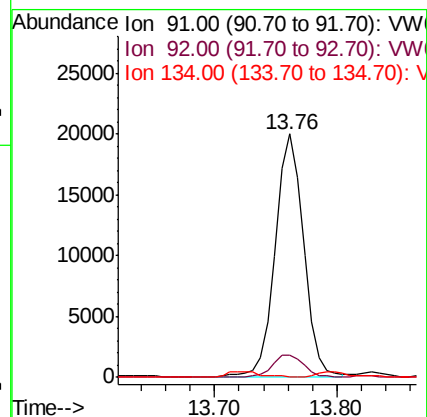
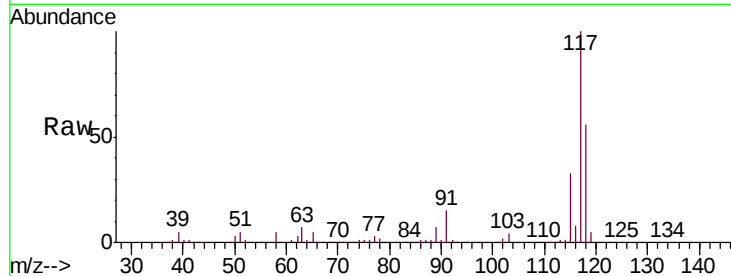
Tgt Ion: 91 Resp: 32546

Ion Ratio Lower Upper

91 100

92 10.2 27.7 83.1#

134 0.0 13.9 41.6#



#90

Hexachloroethane

Concen: 2.941 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010597.D

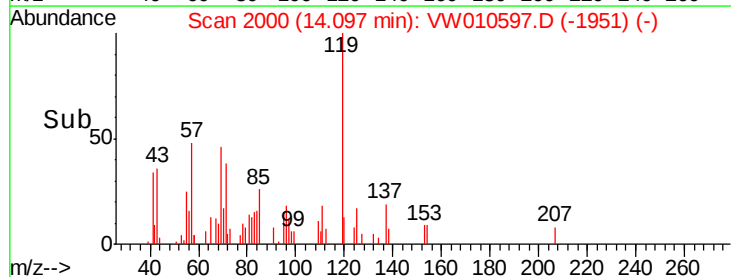
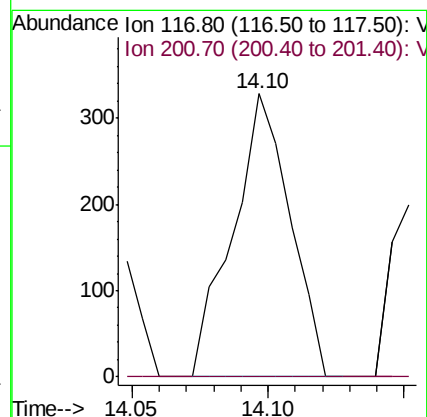
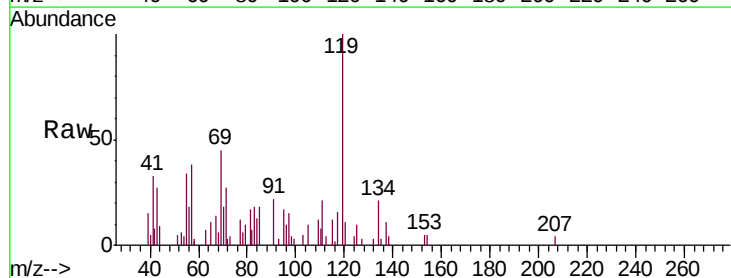
Acq: 29 May 2019 18:04

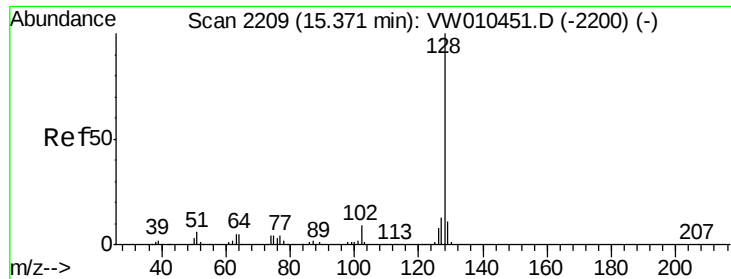
Tgt Ion: 117 Resp: 479

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.8#

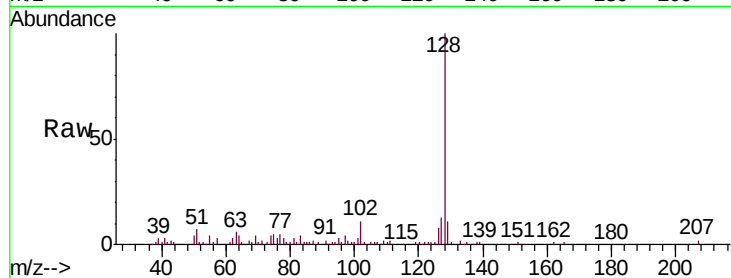




#95
Naphthalene
Concen: 57.926 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.2	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

