

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008141.D
 Acq On : 16 Mar 2019 15:21
 Operator : JC/SP
 Sample : K1905-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200050

Quant Time: Mar 18 01:13:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	132400	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	123566	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	463868	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.13	95	150572	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	209	Below Cal	#	55
6) Chloroethane	1.70	64	148	Below Cal	#	43
8) Diethyl Ether	2.20	74	799	0.499	ug/l	85
11) Tert butyl alcohol	3.06	59	1259	2.165	ug/l	99
16) Acetone	2.45	43	13581	9.557	ug/l	94
18) Methyl Acetate	2.78	43	7403	2.410	ug/l #	89
20) Methylene Chloride	2.86	84	36261	14.287	ug/l	90
25) 2-Butanone	4.70	43	2386	1.094	ug/l #	79
29) Tetrahydrofuran	5.18	42	1005	0.738	ug/l #	56
30) Chloroform	5.22	83	1738	0.380	ug/l	89
31) Cyclohexane	5.66	56	4065	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16696	5.031	ug/l #	49
38) Carbon Tetrachloride	5.66	117	24054	7.531	ug/l #	17
41) Methacrylonitrile	5.16	41	478	0.230	ug/l #	42
43) Isopropyl Acetate	6.46	43	9091	1.583	ug/l	97
47) Bromodichloromethane	7.90	83	802	0.251	ug/l #	92
48) Methyl methacrylate	7.68	41	6351	2.117	ug/l #	16
49) 1,4-Dioxane	7.88	88	111	1.716	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	64622	17.071	ug/l #	50
52) Toluene	8.78	92	4800	0.743	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	34706	8.911	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	8201	1.883	ug/l #	43
59) 2-Hexanone	9.54	43	100262	33.866	ug/l #	53
67) Ethyl Benzene	10.25	91	7300	0.646	ug/l	95
68) m/p-Xylenes	10.35	106	12281	2.838	ug/l	96
69) o-Xylene	10.69	106	5862	1.390	ug/l	94
74) N-amyl acetate	10.69	43	8964	2.075	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	67496	24.305	ug/l #	39
78) n-propylbenzene	11.36	91	5217	0.464	ug/l	99
79) 2-Chlorotoluene	11.43	91	3117	0.454	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	12869	1.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	67496	69.164	ug/l #	12
83) tert-Butylbenzene	11.80	119	5145	0.608	ug/l #	69
84) 1,2,4-Trimethylbenzene	11.80	105	37335	4.289	ug/l	98

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QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

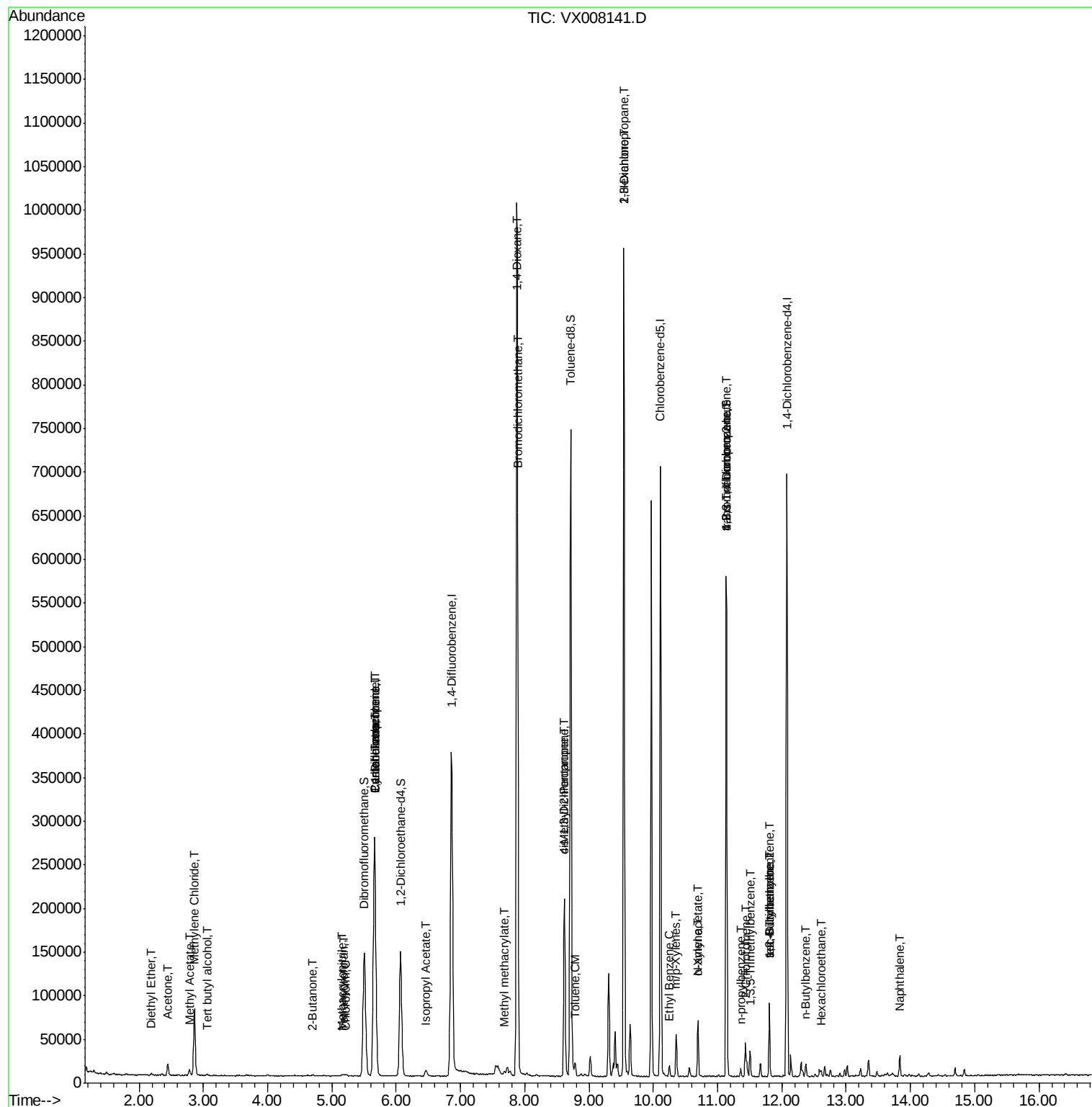
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	37335	3.705	ug/l #	55
89) n-Butylbenzene	12.37	91	1805	0.237	ug/l #	16
90) Hexachloroethane	12.60	117	788	0.540	ug/l #	1
95) Naphthalene	13.83	128	14902	1.516	ug/l	99

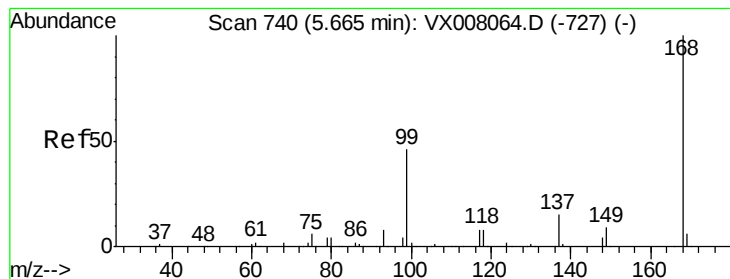
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

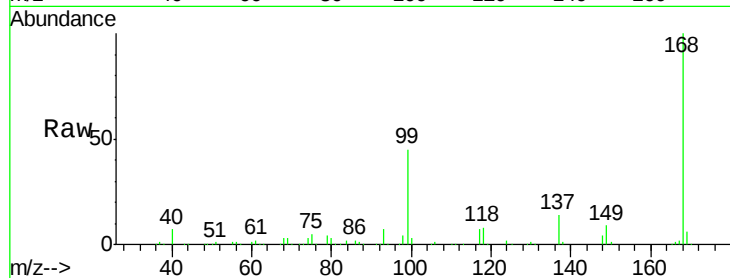
RBR-200050

Tot Ion:168 Resp: 298408

Ion Ratio Lower Upper

168 100

99 44.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

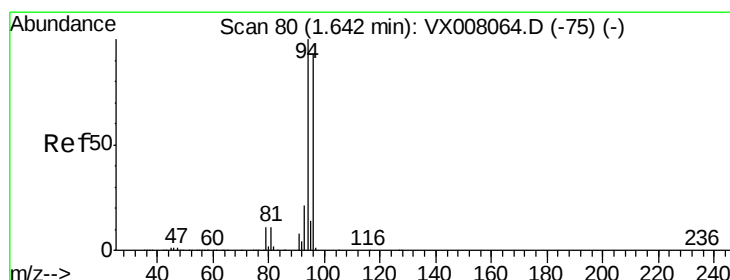
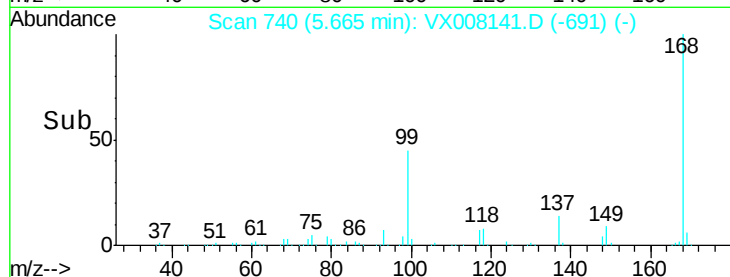
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008141.D

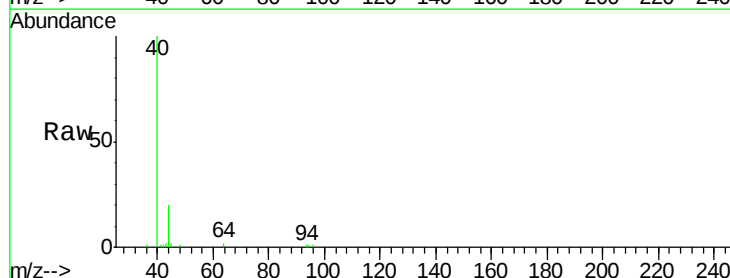
Acq: 16 Mar 2019 15:21

Tgt Ion: 94 Resp: 209

Ion Ratio Lower Upper

94 100

96 50.8 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

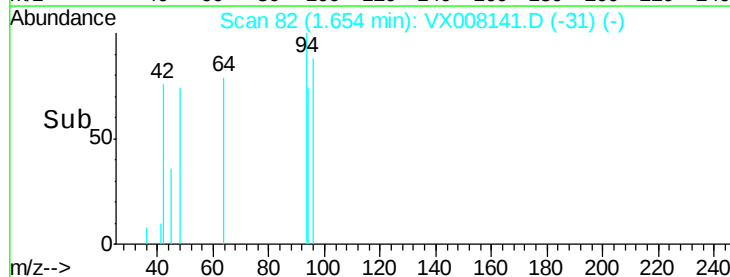
150

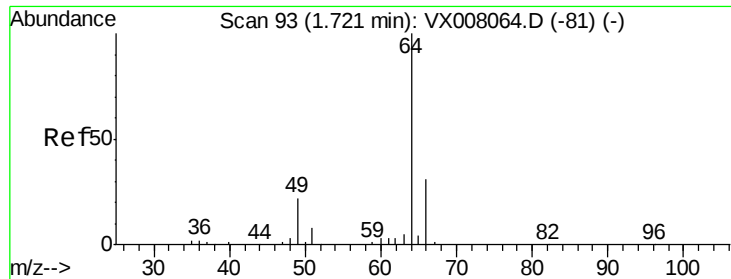
100

50

0

Time--> 1.62 1.64 1.66 1.68 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampled :

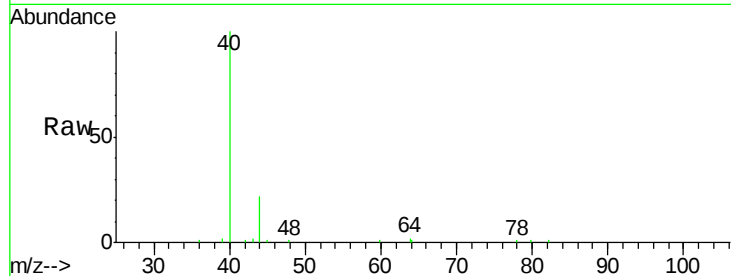
RBR-200050

Tot Ion: 64 Resp: 148

Ion Ratio Lower Upper

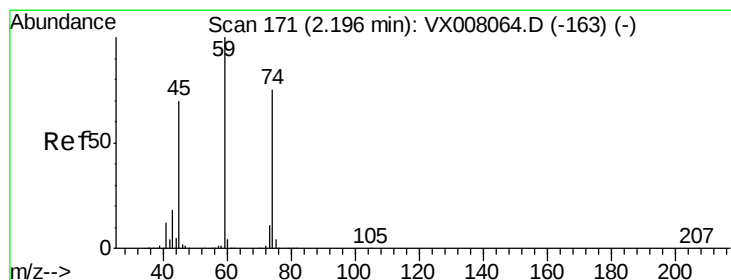
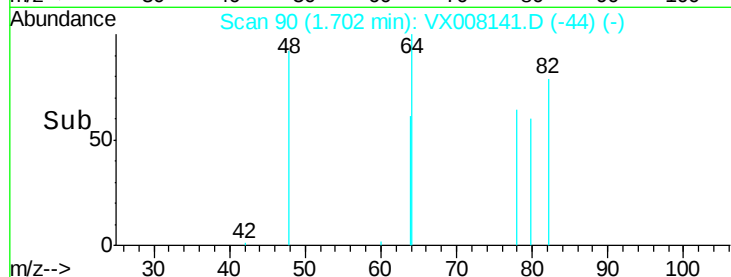
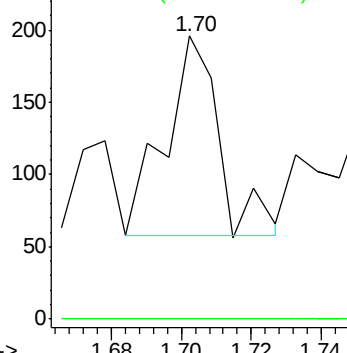
64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.499 ug/l

RT: 2.20 min Scan# 171

Delta R.T. -0.00 min

Lab File: VX008141.D

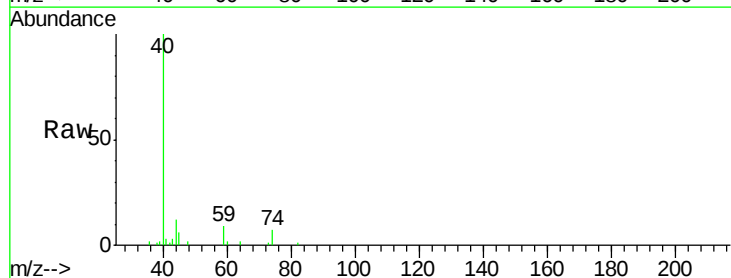
Acq: 16 Mar 2019 15:21

Tgt Ion: 74 Resp: 799

Ion Ratio Lower Upper

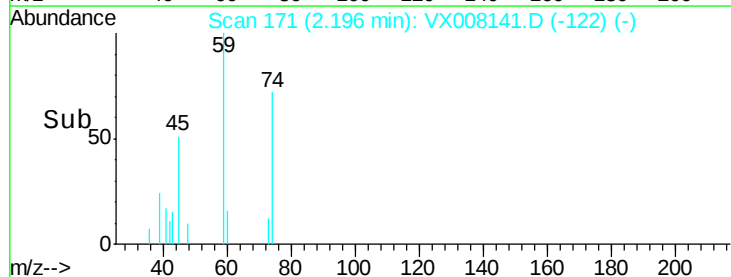
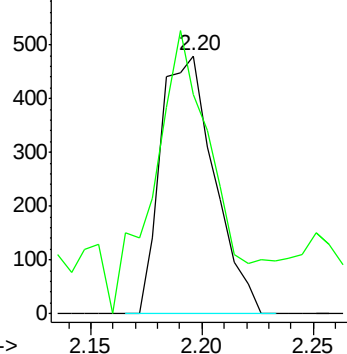
74 100

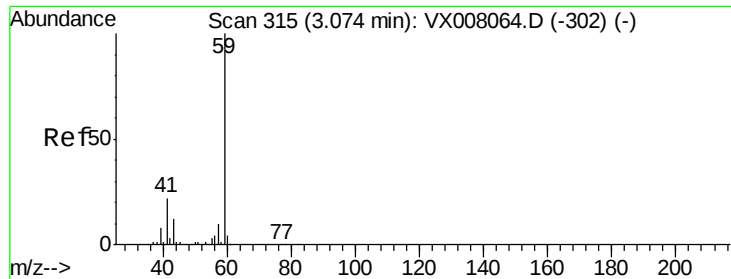
45 119.3 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

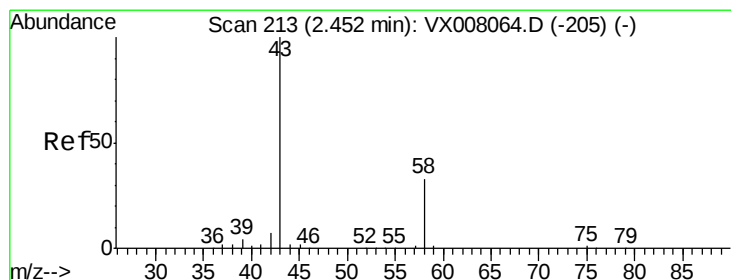
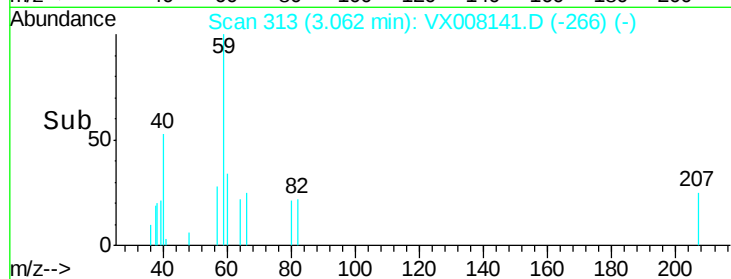
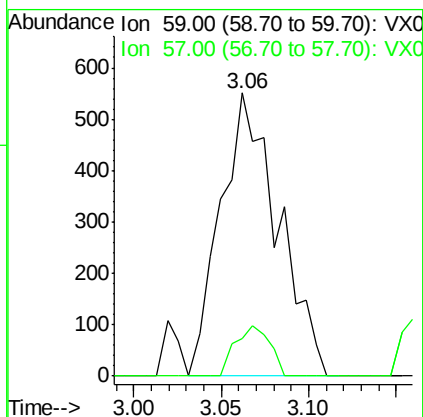
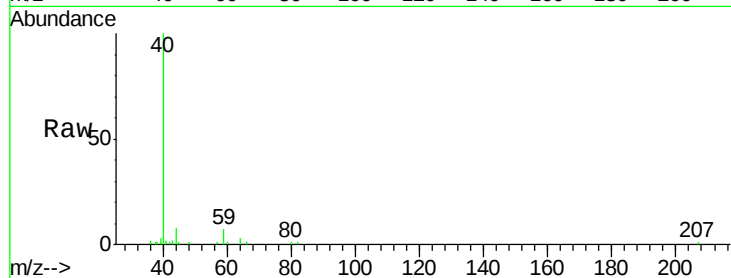




#11
Tert butyl alcohol
Concen: 2.165 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

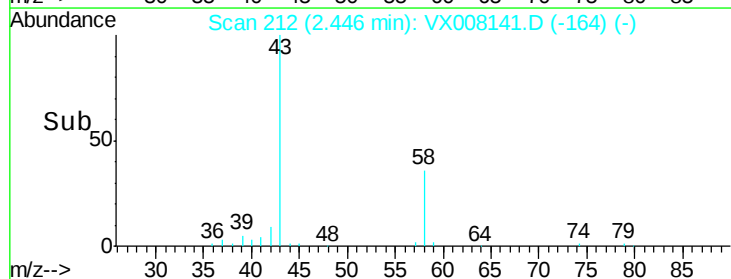
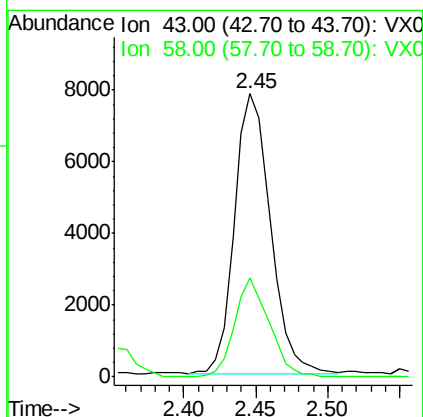
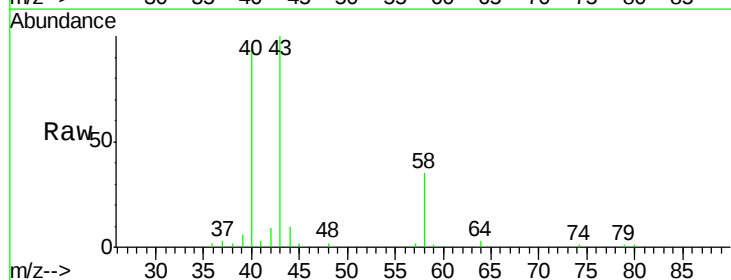
Instrument :
MSVOA_X
ClientSampled :
RBR-200050

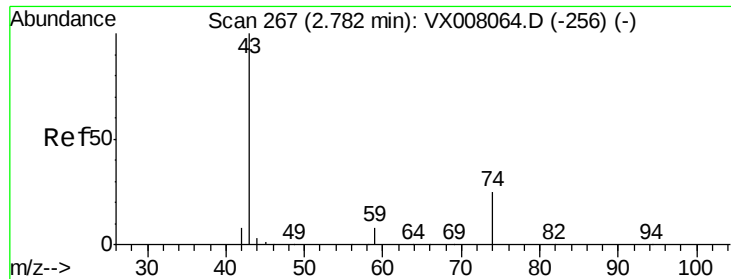
Tot Ion: 59 Resp: 1259
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#16
Acetone
Concen: 9.557 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion: 43 Resp: 13581
Ion Ratio Lower Upper
43 100
58 35.5 25.5 38.3

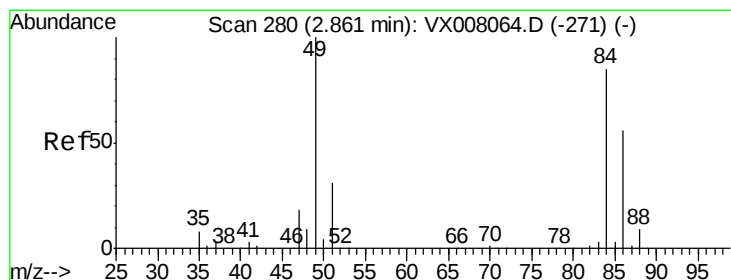
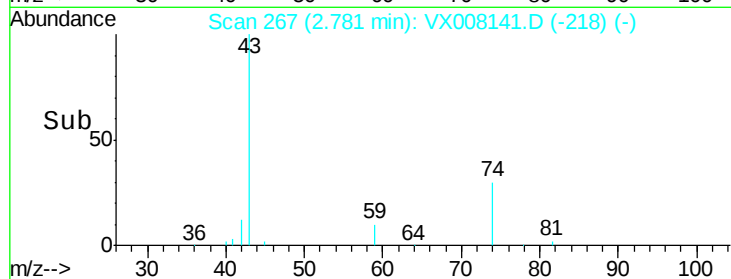
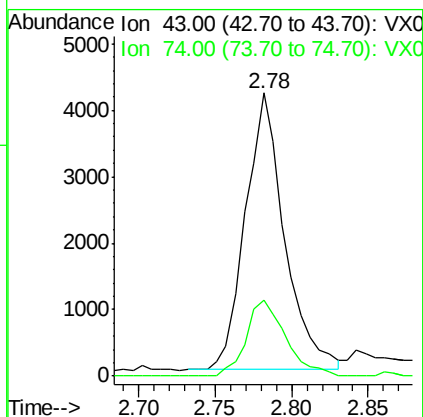
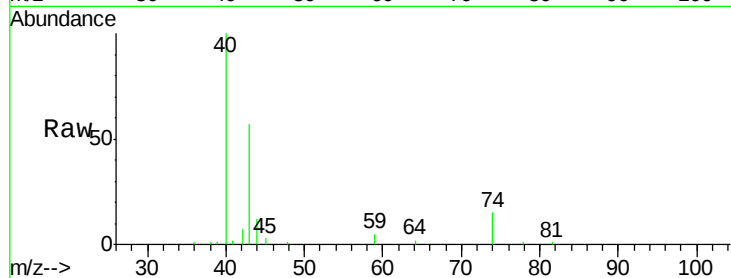




#18
Methyl Acetate
Concen: 2.410 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

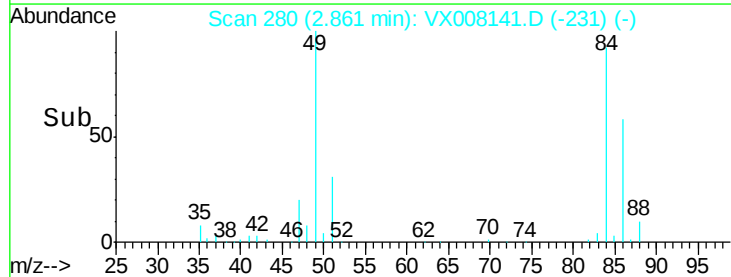
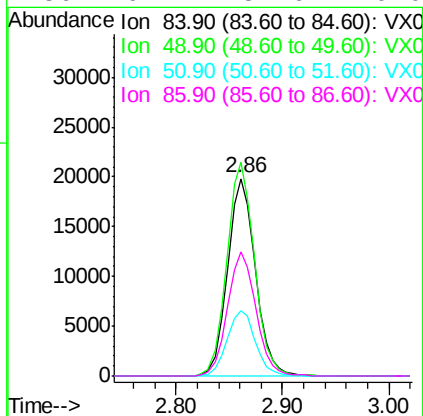
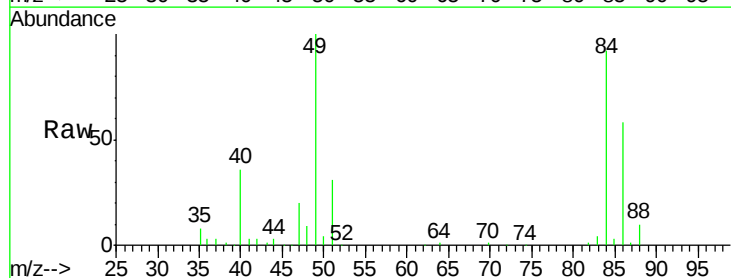
Instrument :
MSVOA_X
ClientSampled :
RBR-200050

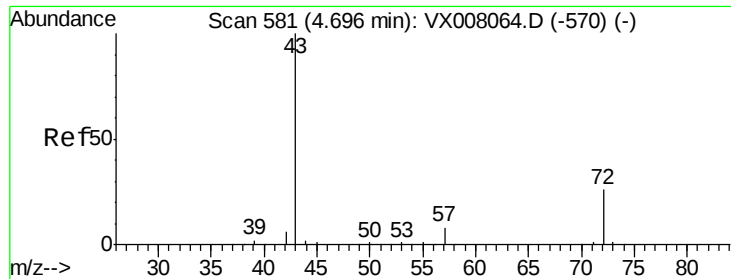
Tot Ion: 43 Resp: 7403
Ion Ratio Lower Upper
43 100
74 27.6 17.8 26.6#



#20
Methylene Chloride
Concen: 14.287 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion: 84 Resp: 36261
Ion Ratio Lower Upper
84 100
49 108.3 99.3 148.9
51 33.3 31.3 46.9
86 62.7 52.6 79.0





#25

2-Butanone

Concen: 1.094 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

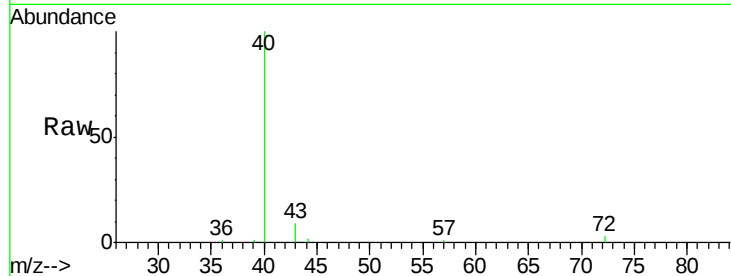
RBR-200050

Tot Ion: 43 Resp: 2386

Ion Ratio Lower Upper

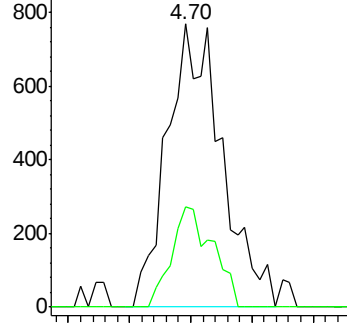
43 100

72 35.3 19.9 29.9#

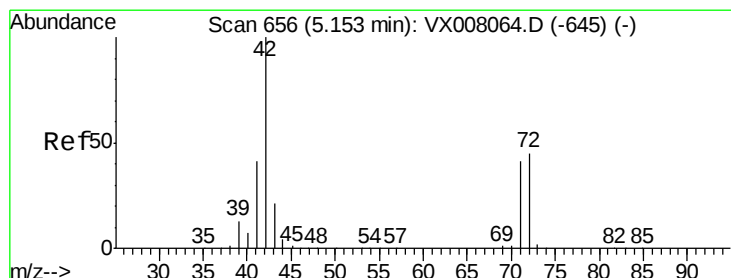
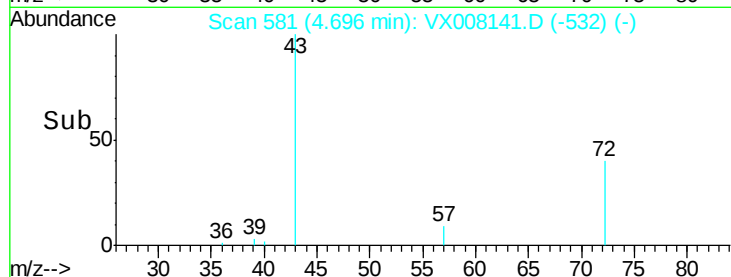


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.738 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

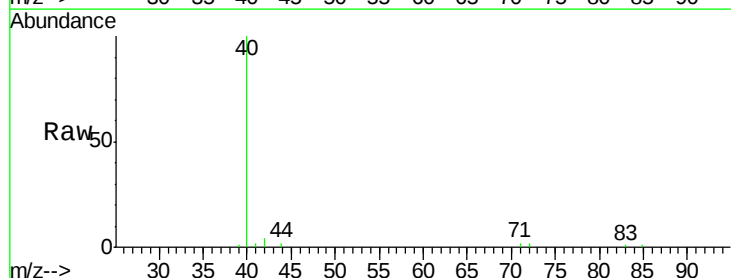
Tgt Ion: 42 Resp: 1005

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

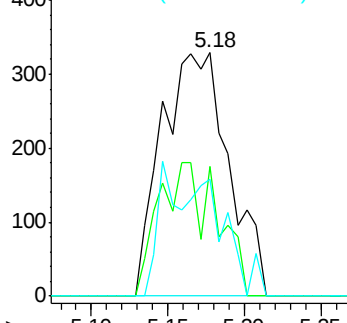
71 26.8 31.5 47.3#



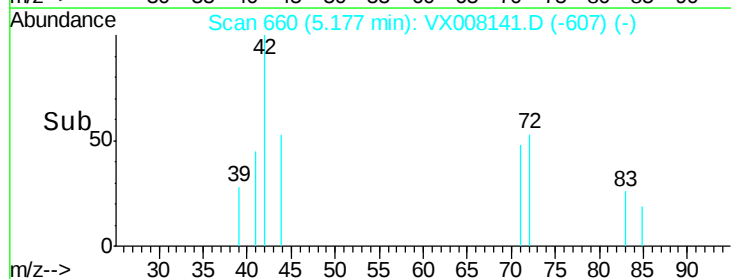
Abundance Ion 42.00 (41.70 to 42.70): VX0

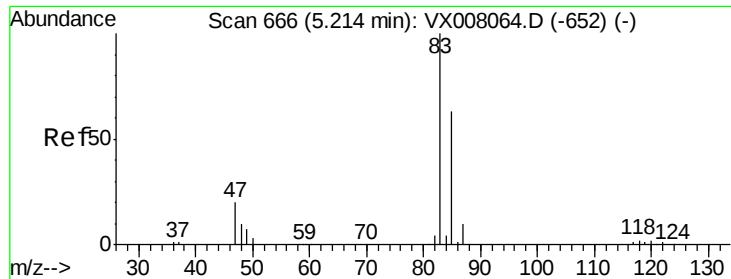
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

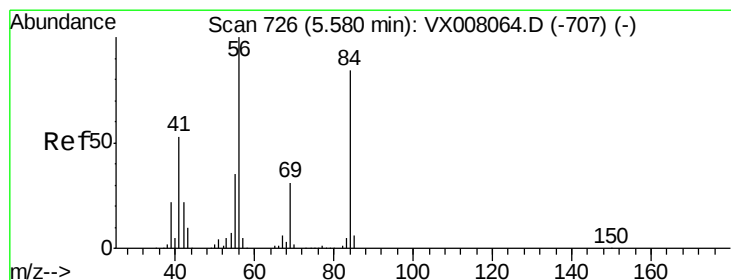
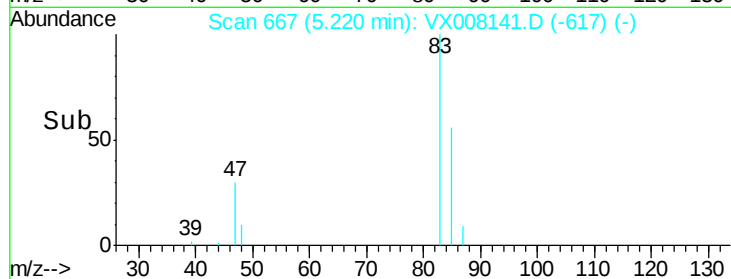
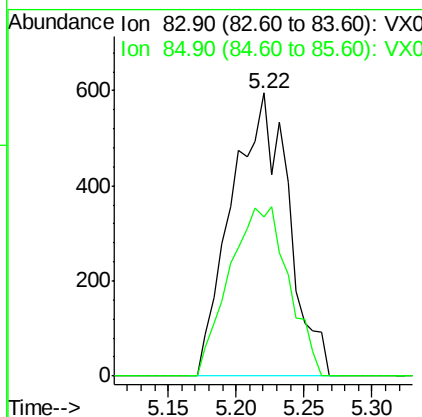
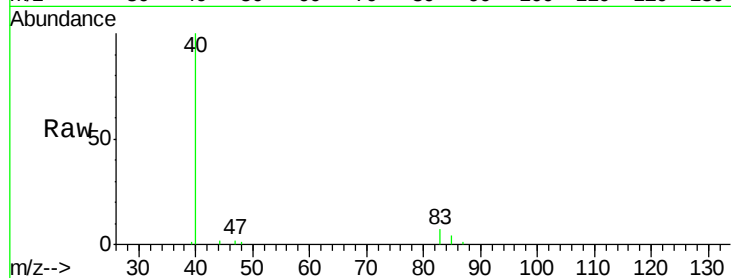




#30
Chloroform
Concen: 0.380 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

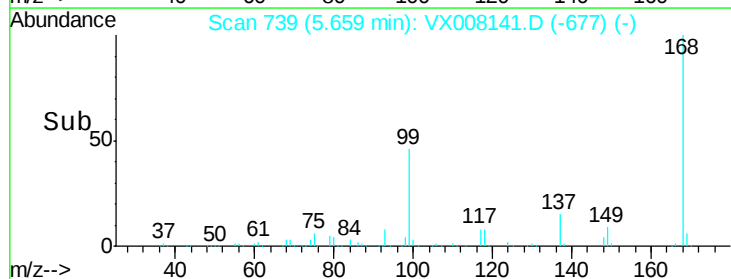
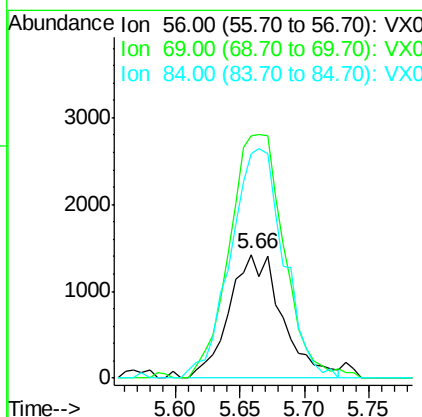
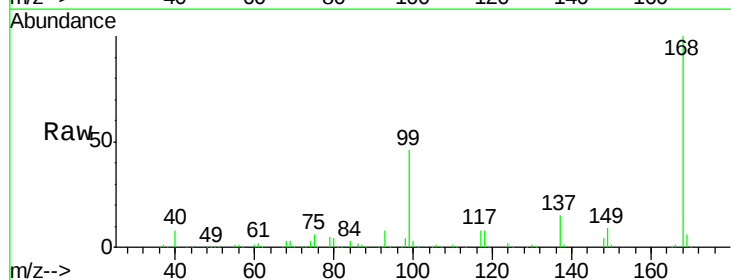
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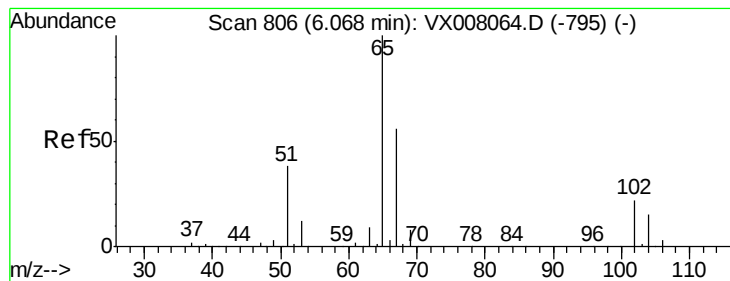
Tot Ion: 83 Resp: 1738
Ion Ratio Lower Upper
83 100
85 56.1 51.8 77.6



#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion: 56 Resp: 4065
Ion Ratio Lower Upper
56 100
69 196.8 24.0 36.0#
84 181.7 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 43.984 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

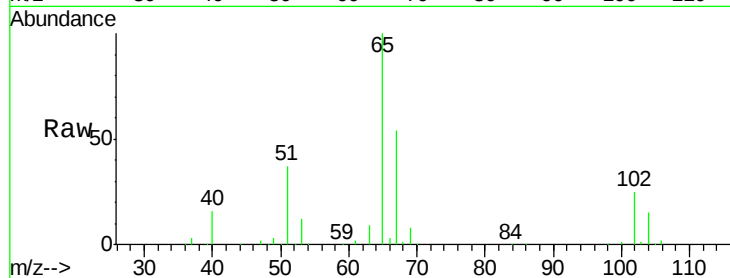
RBR-200050

Tot Ion: 65 Resp: 132400

Ion Ratio Lower Upper

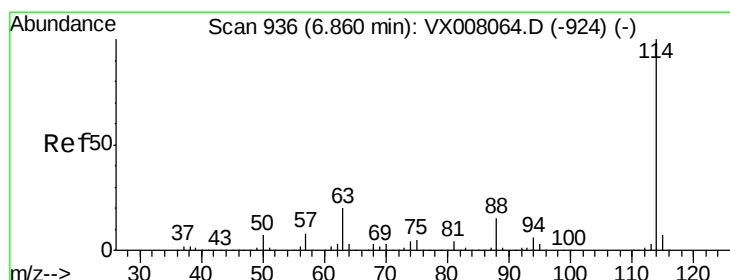
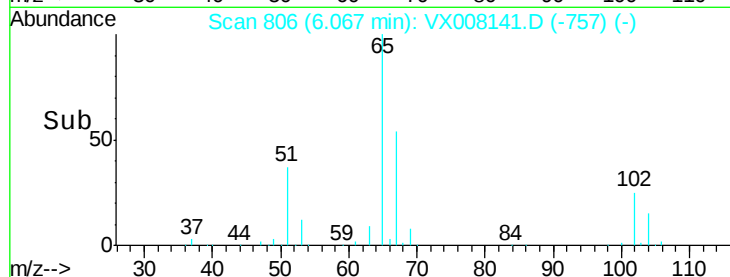
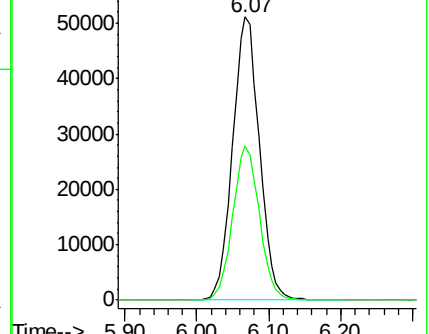
65 100

67 54.1 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

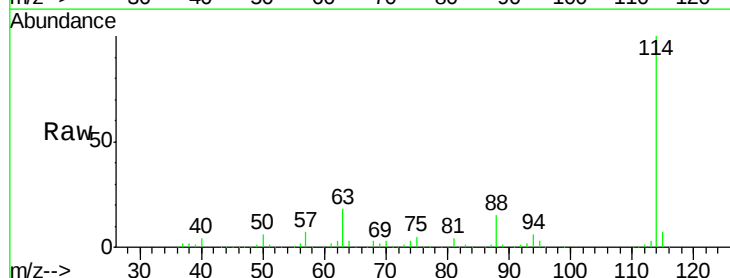
Tgt Ion: 114 Resp: 403378

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

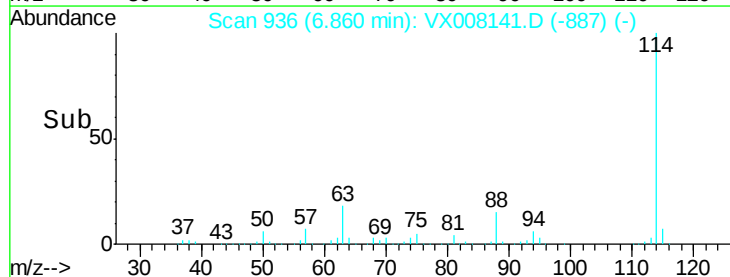
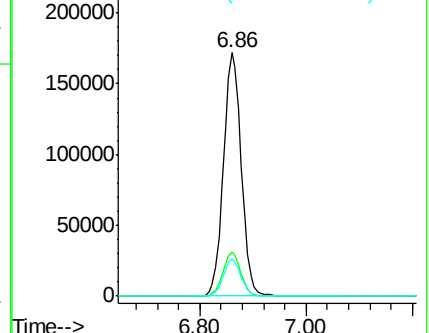
88 15.3 0.0 31.4

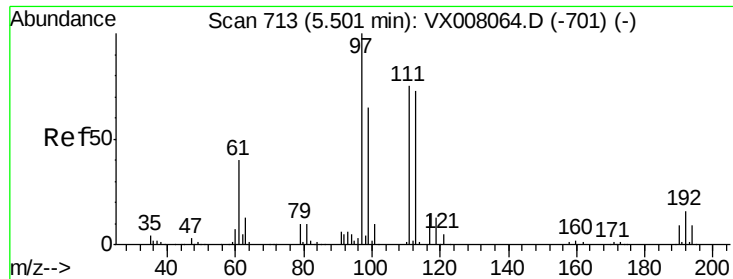


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.306 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

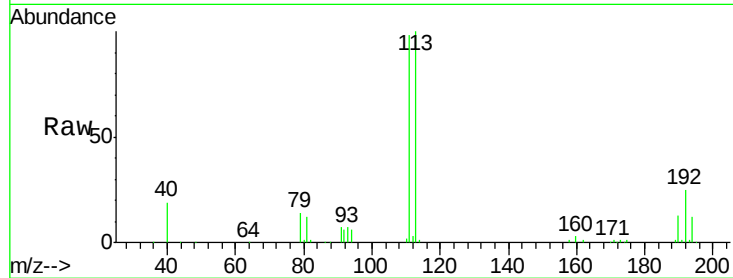
Tot Ion:113 Resp: 123566

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

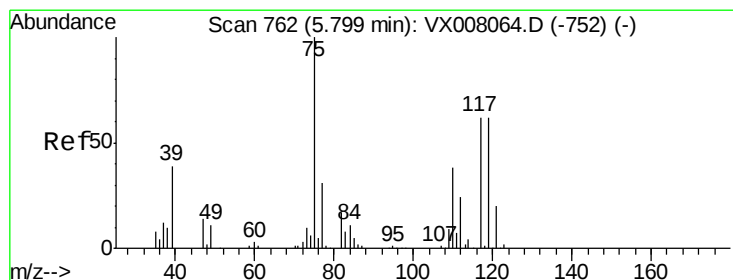
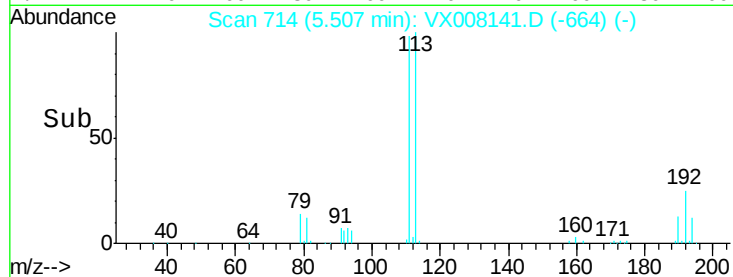
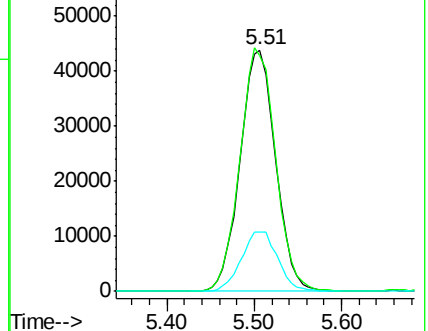
192 25.3 19.4 29.0



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: 5.031 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

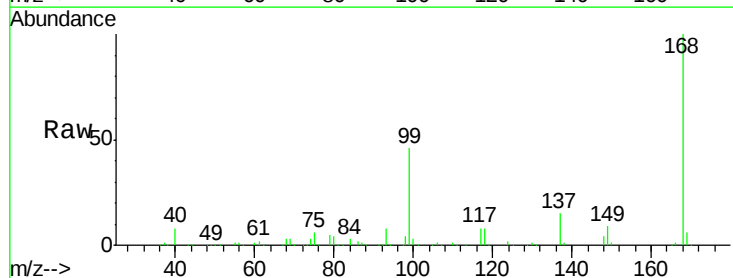
Tgt Ion: 75 Resp: 16696

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.0#

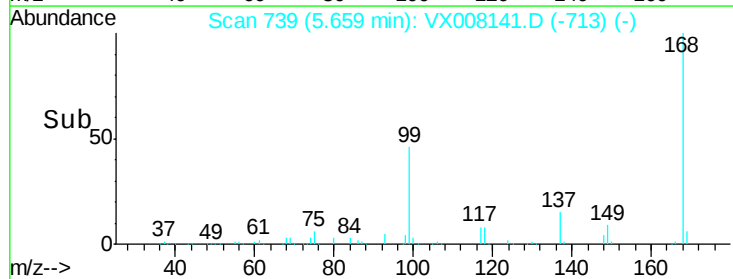
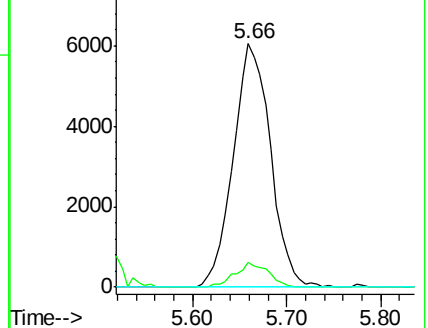
77 0.0 25.0 37.4#

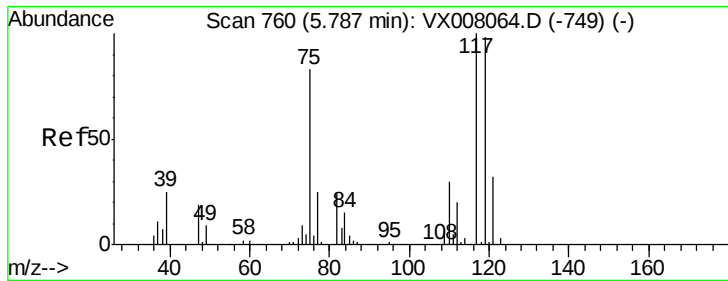


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.531 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampled :

RBR-200050

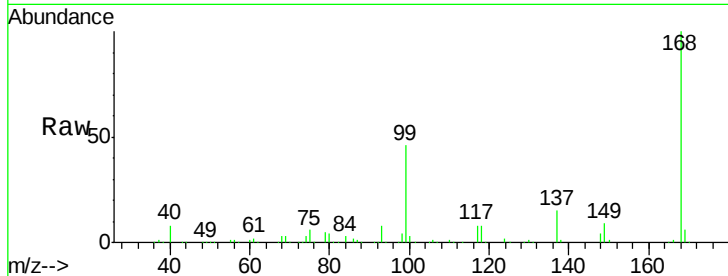
Tot Ion:117 Resp: 24054

Ion Ratio Lower Upper

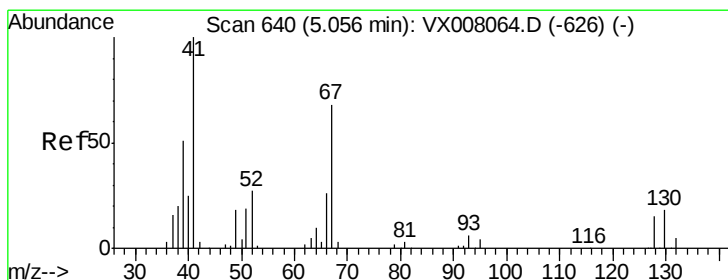
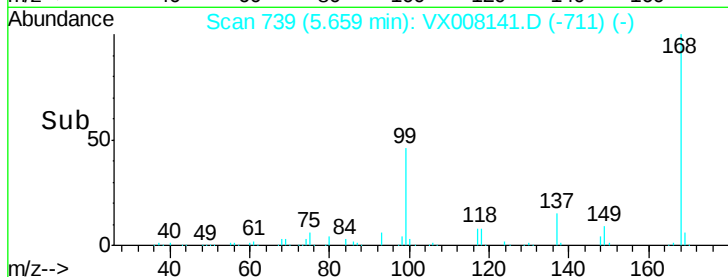
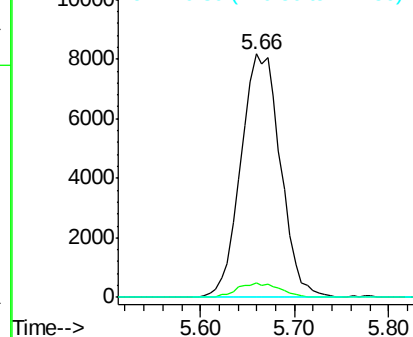
117 100

119 6.2 76.2 114.2#

121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: 0.230 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.10 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Tgt Ion: 41 Resp: 478

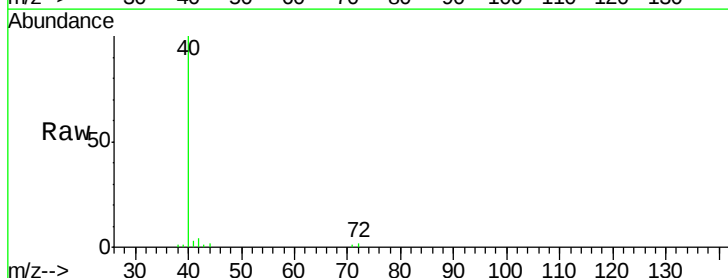
Ion Ratio Lower Upper

41 100

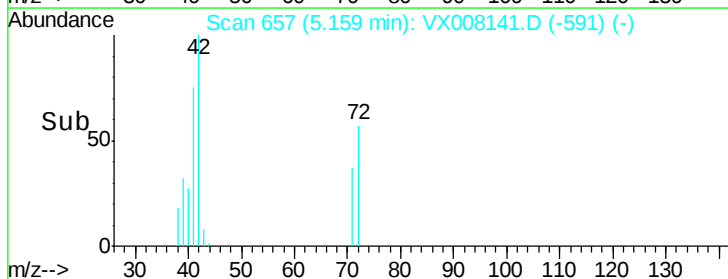
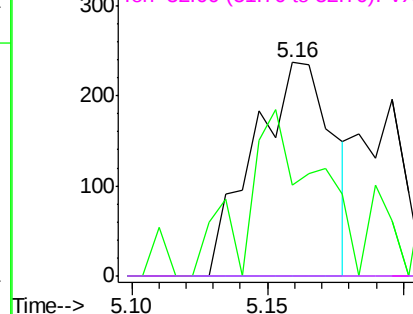
39 69.2 41.6 62.4#

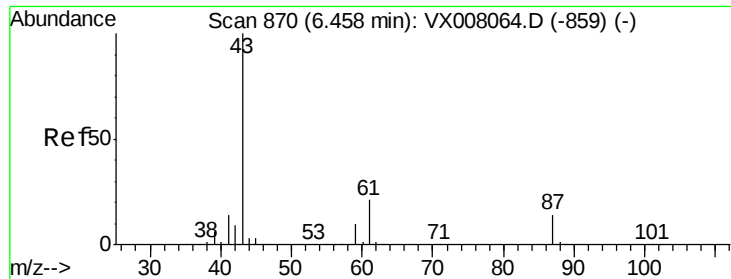
67 0.0 55.8 83.6#

52 0.0 21.7 32.5#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 1.583 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

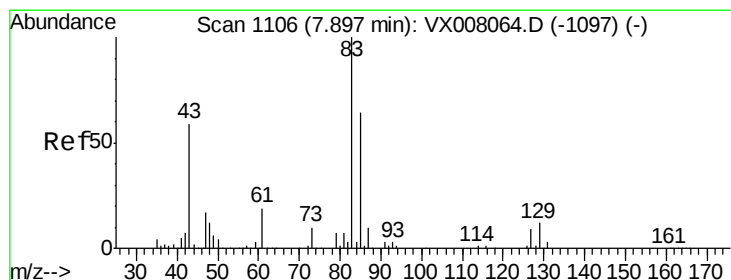
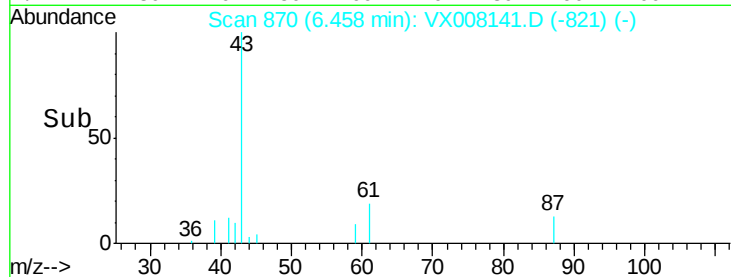
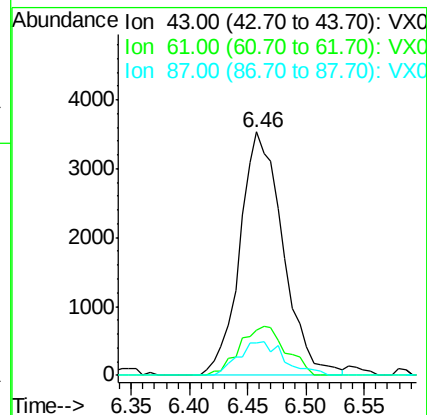
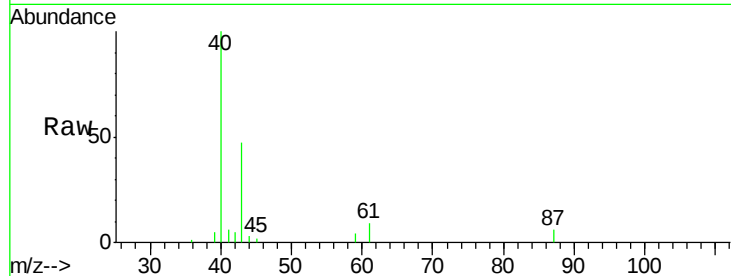
Tot Ion: 43 Resp: 9091

Ion Ratio Lower Upper

43 100

61 21.4 16.3 24.5

87 14.5 10.5 15.7



#47

Bromodichloromethane

Concen: 0.251 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

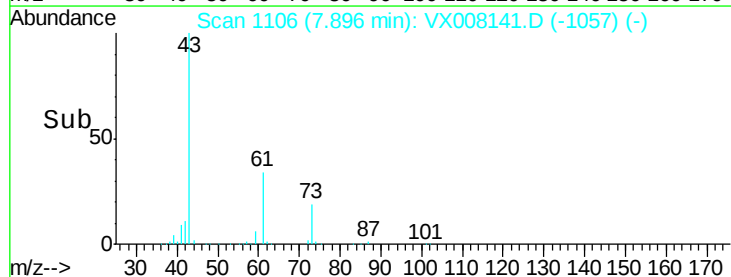
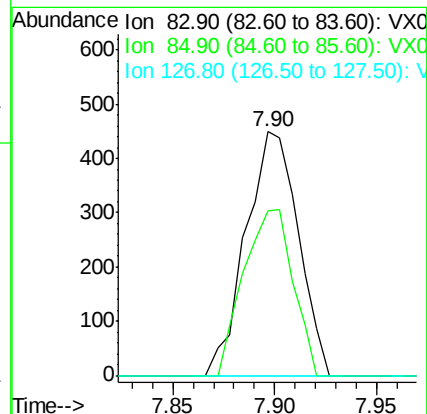
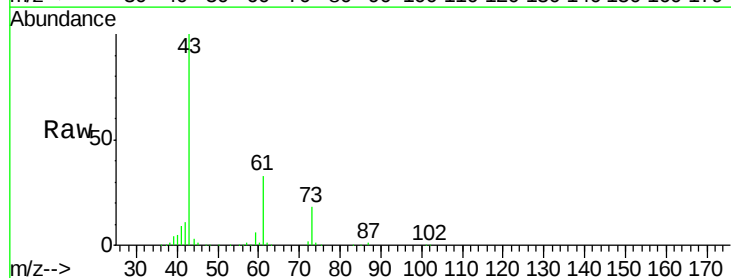
Tgt Ion: 83 Resp: 802

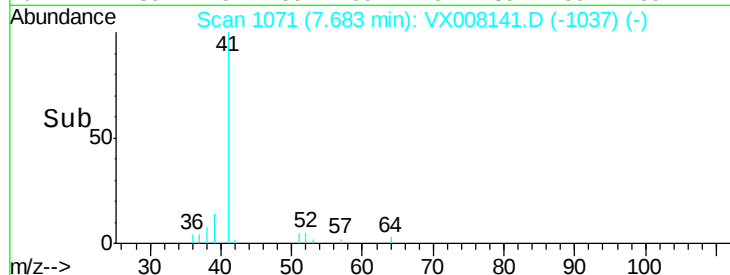
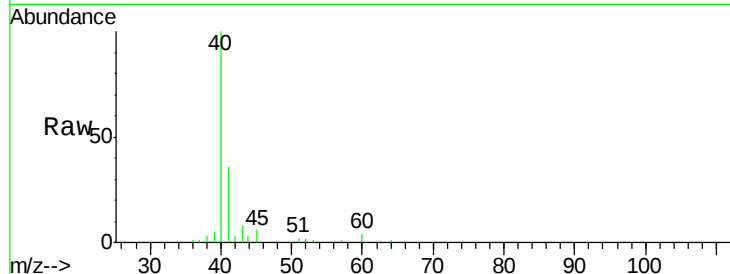
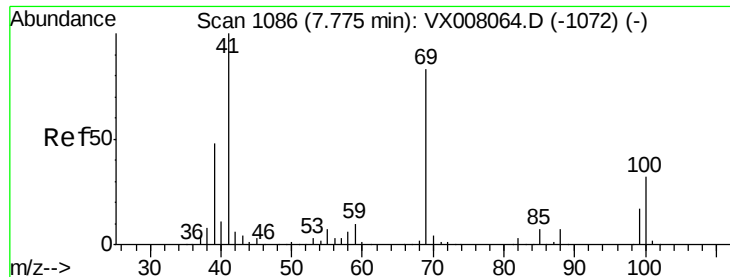
Ion Ratio Lower Upper

83 100

85 67.7 50.9 76.3

127 0.0 7.4 11.0#

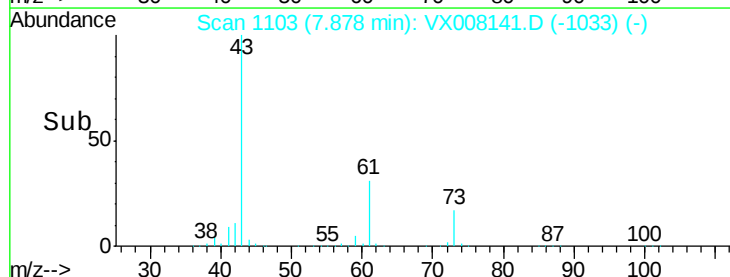
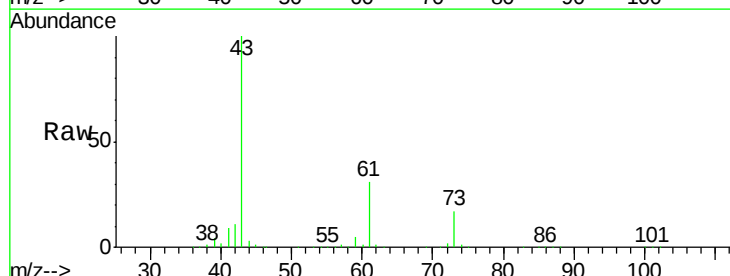
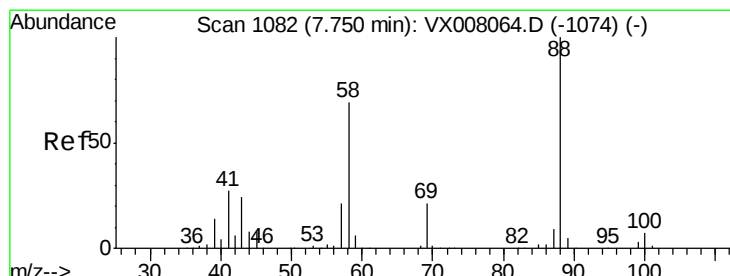
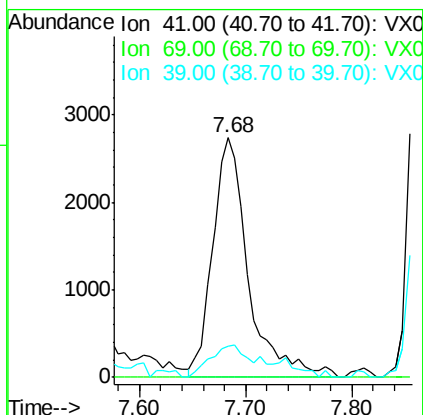




#48
Methyl methacrylate
Concen: 2.117 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

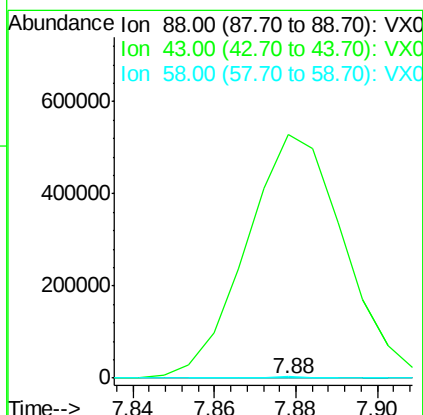
Instrument :
MSVOA_X
ClientSampleId :
RBR-200050

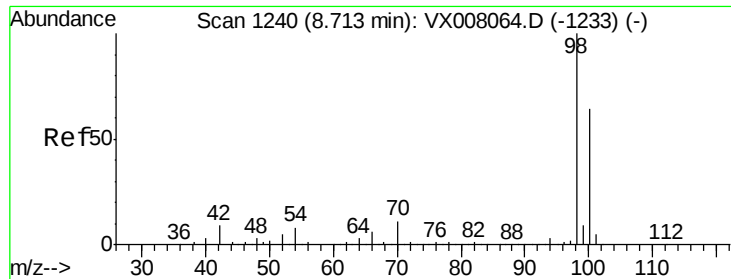
Tot Ion: 41 Resp: 6351
Ion Ratio Lower Upper
41 100
69 0.0 65.2 97.8#
39 0.0 39.4 59.2#



#49
1,4-Dioxane
Concen: 1.716 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.13 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 803322.5 25.1 37.7#
58 3586.5 57.8 86.6#





#50

Toluene-d8

Concen: 47.680 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

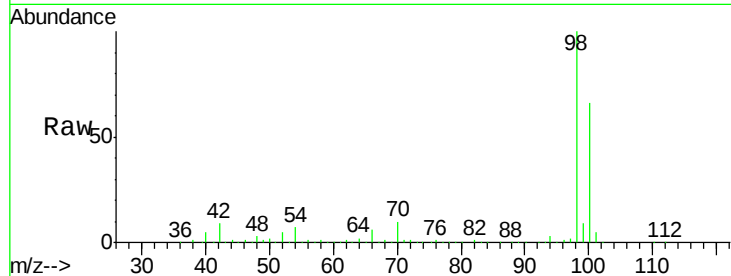
RBR-200050

Tot Ion: 98 Resp: 463868

Ion Ratio Lower Upper

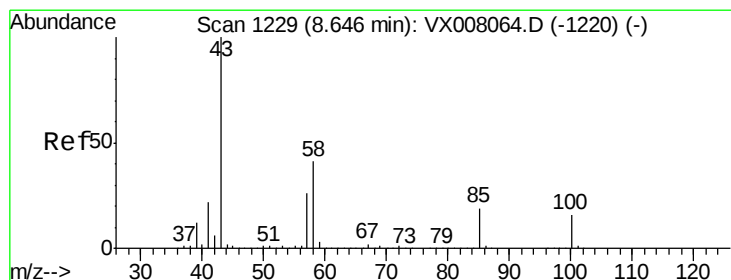
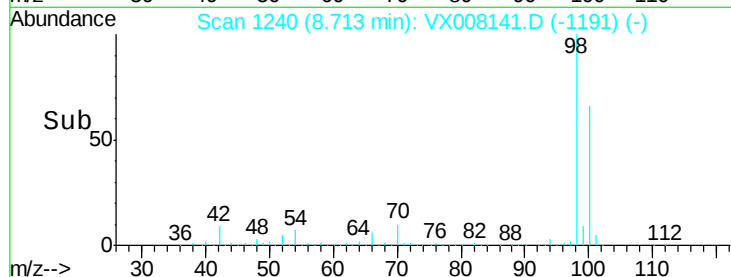
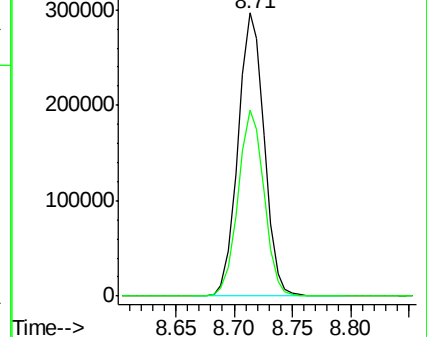
98 100

100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 17.071 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX008141.D

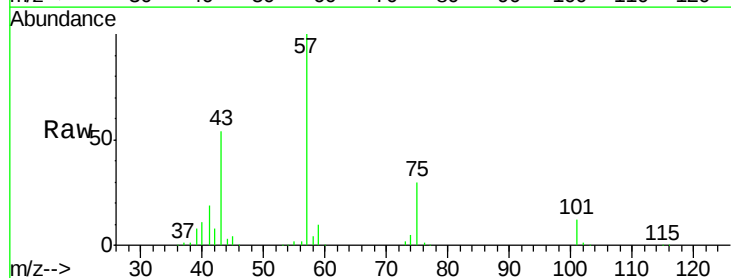
Acq: 16 Mar 2019 15:21

Tgt Ion: 43 Resp: 64622

Ion Ratio Lower Upper

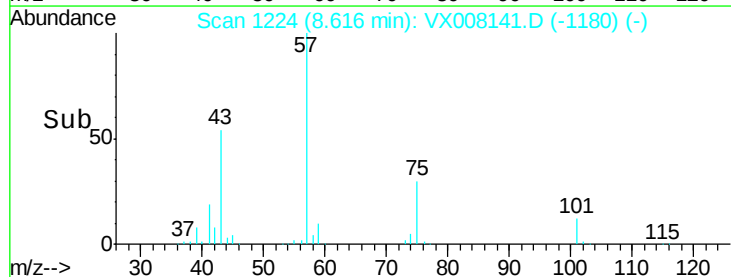
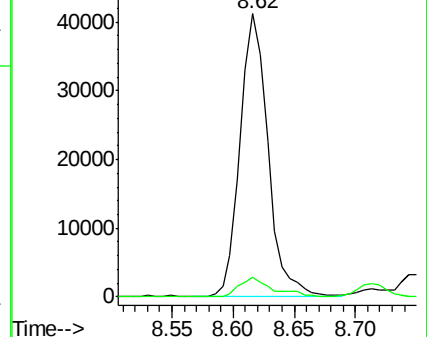
43 100

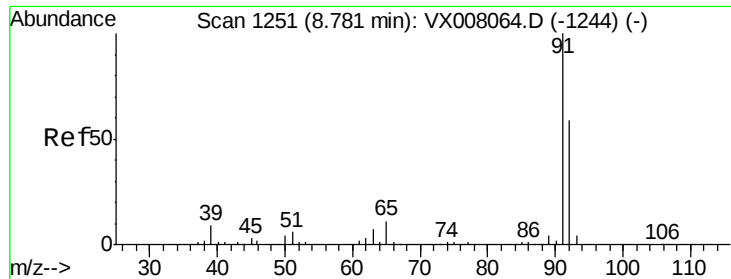
58 8.4 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.743 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

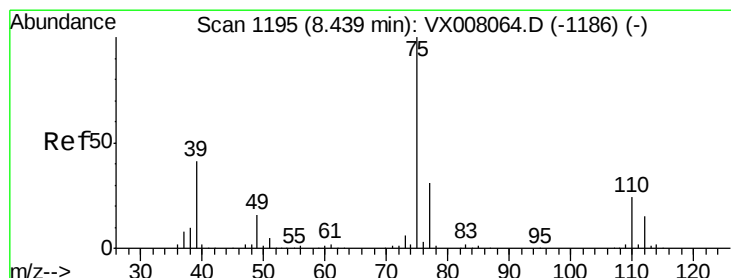
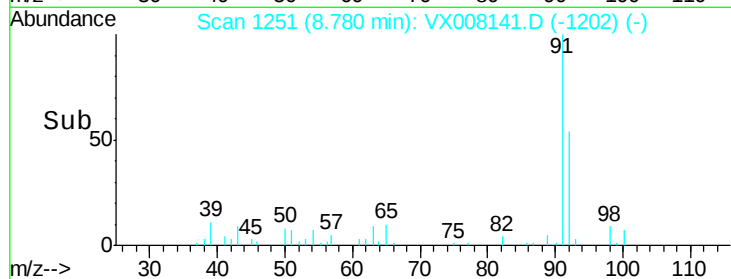
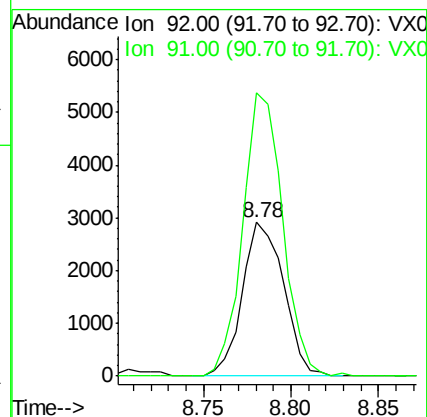
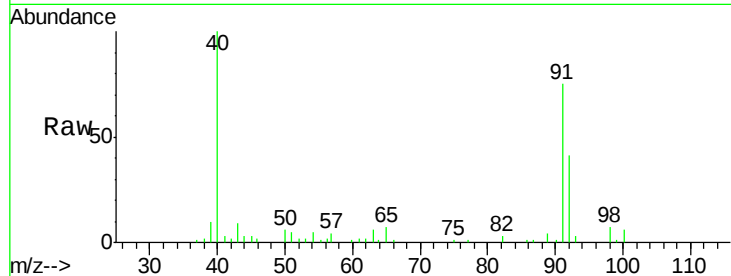
RBR-200050

Tot Ion: 92 Resp: 4800

Ion Ratio Lower Upper

92 100

91 177.0 137.4 206.0



#54

cis-1,3-Dichloropropene

Concen: 8.911 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

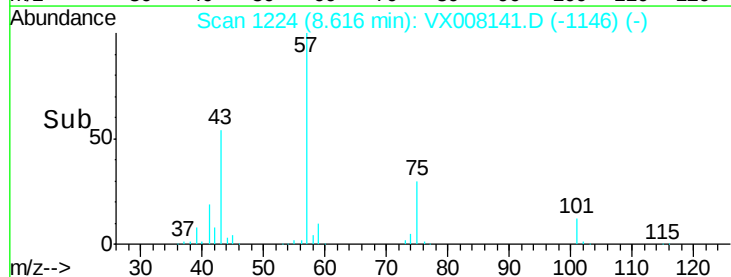
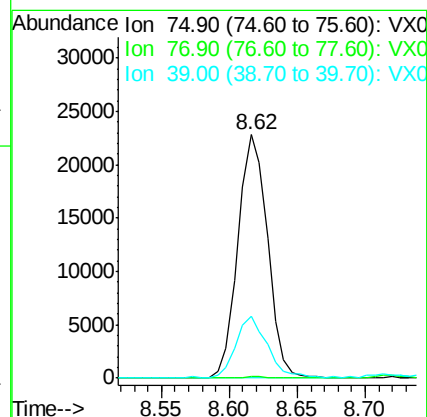
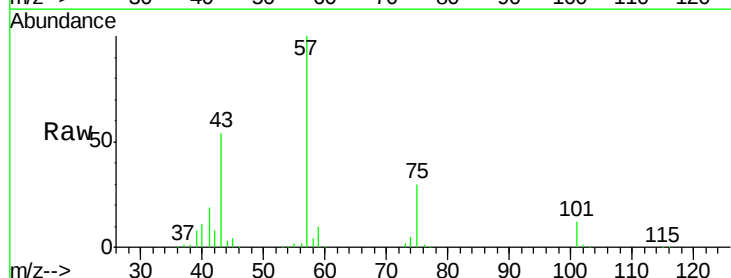
Tgt Ion: 75 Resp: 34706

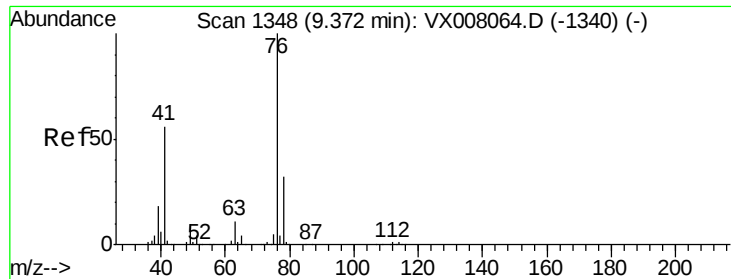
Ion Ratio Lower Upper

75 100

77 0.4 25.0 37.6#

39 25.2 36.6 54.8#





#57

1,3-Dichloropropane

Concen: 1.883 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

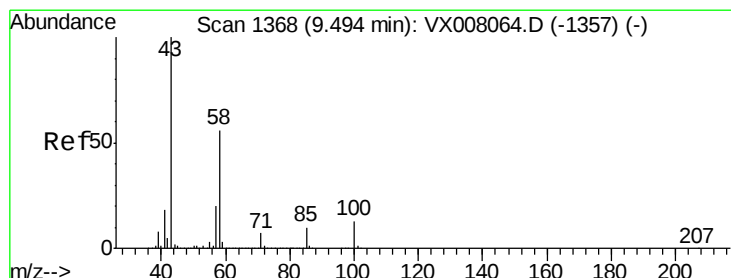
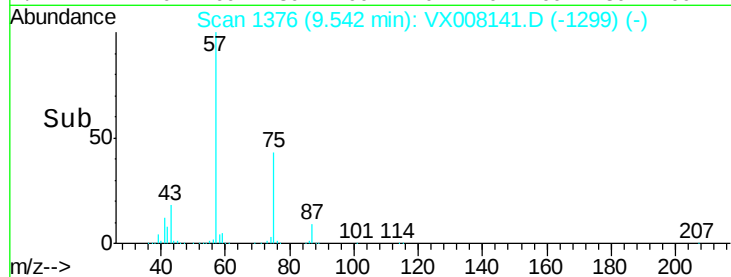
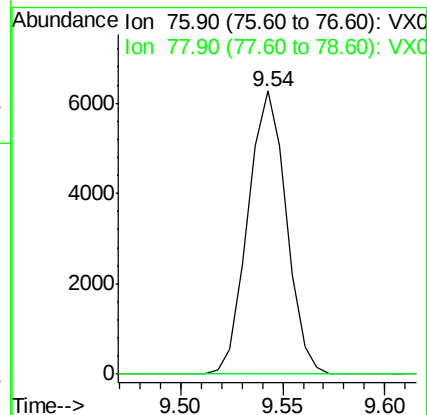
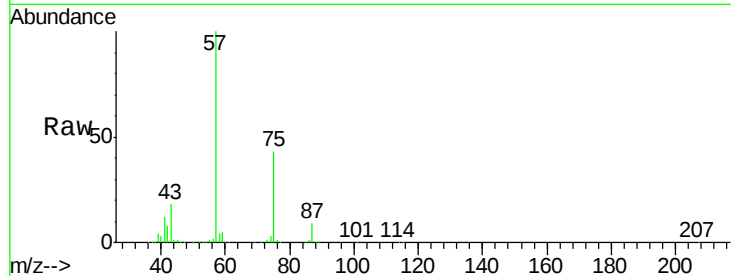
RBR-200050

Tot Ion: 76 Resp: 8201

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 33.866 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008141.D

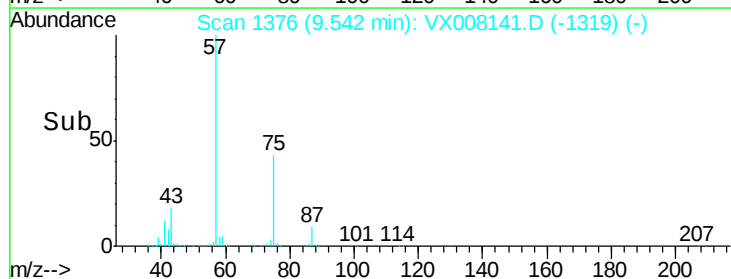
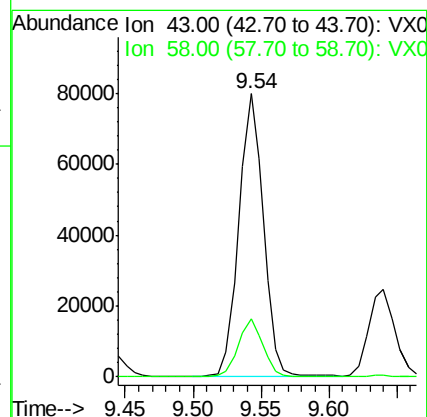
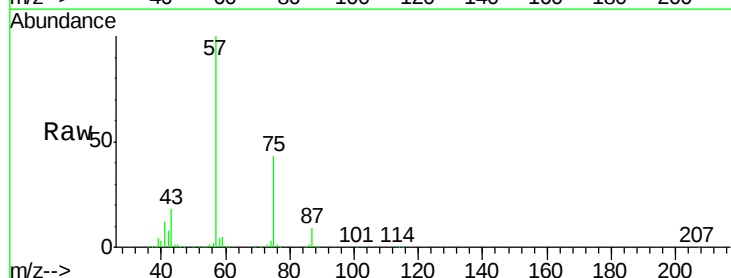
Acq: 16 Mar 2019 15:21

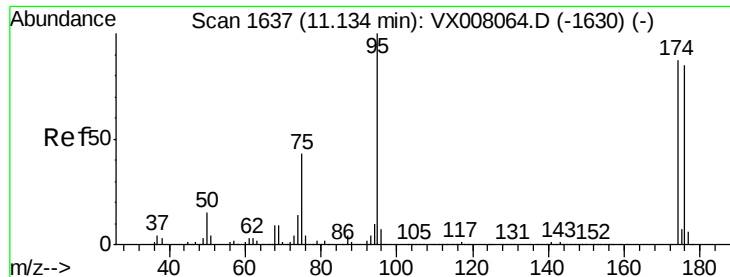
Tgt Ion: 43 Resp: 100262

Ion Ratio Lower Upper

43 100

58 20.7 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 43.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

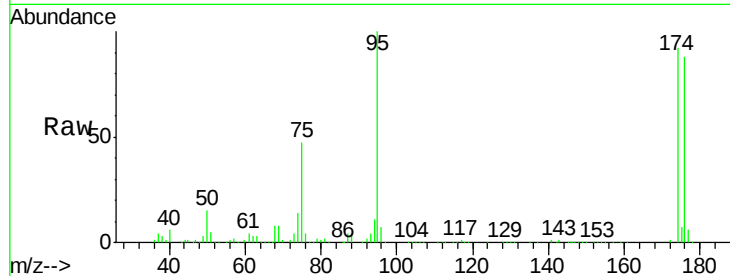
Tot Ion: 95 Resp: 150572

Ion Ratio Lower Upper

95 100

174 98.2 0.0 182.8

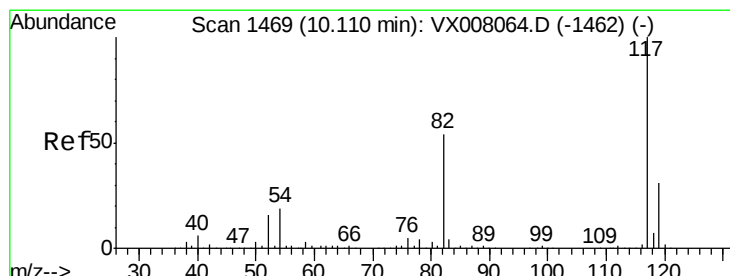
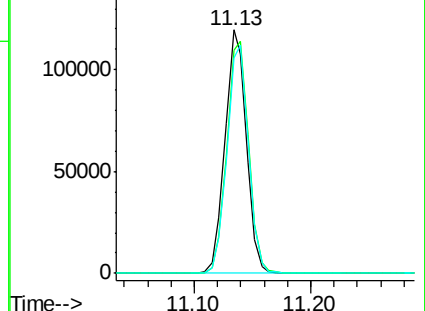
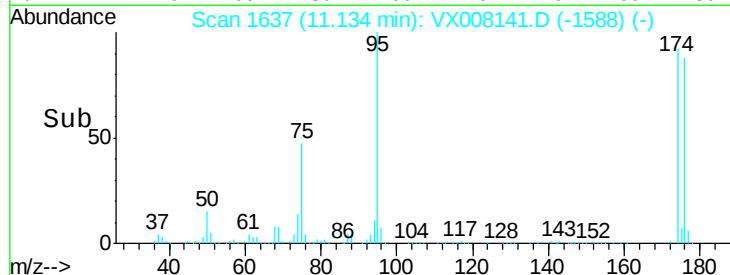
176 94.8 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008141.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008141.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008141.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

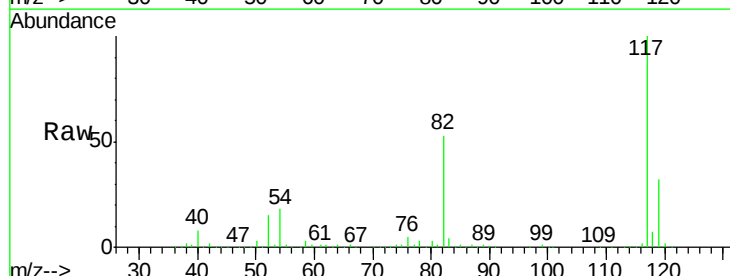
Tgt Ion: 117 Resp: 344278

Ion Ratio Lower Upper

117 100

82 52.6 44.3 66.5

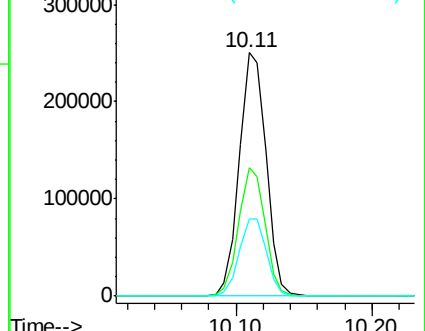
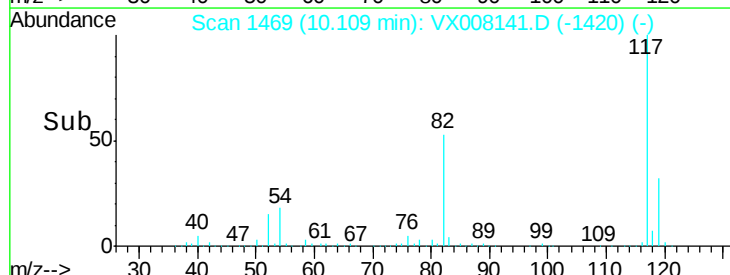
119 31.8 25.3 37.9

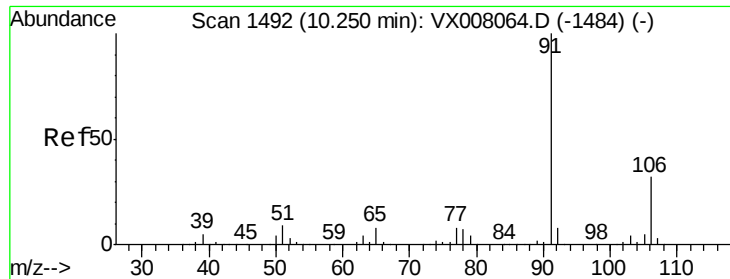


Abundance Ion 116.90 (116.60 to 117.60): VX008141.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008141.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008141.D (-1420) (-)

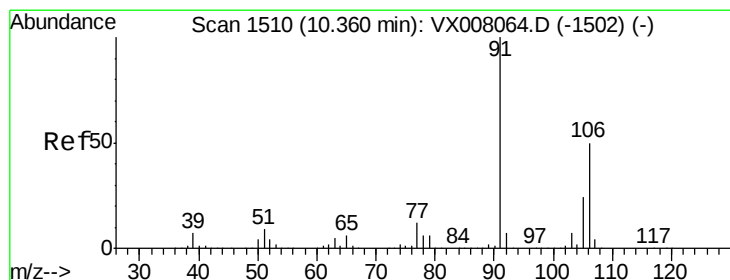
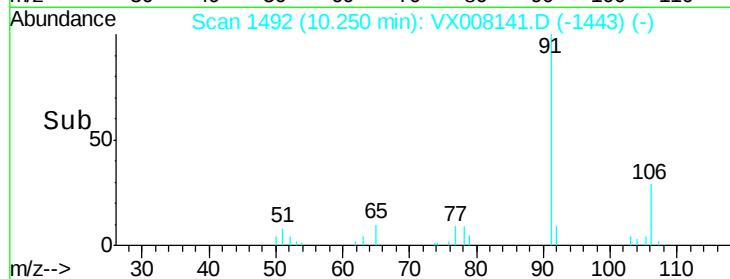
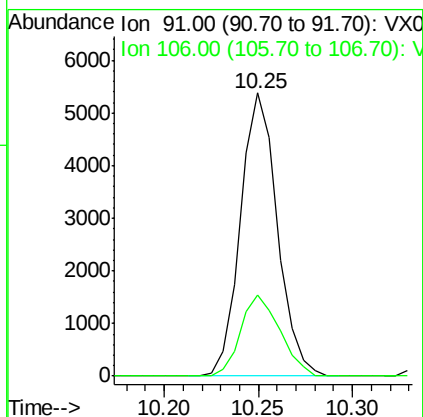
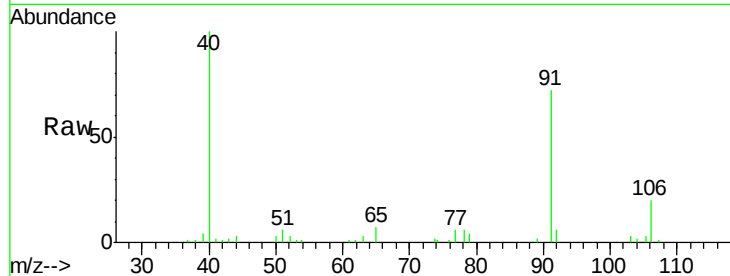




#67
Ethyl Benzene
Concen: 0.646 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

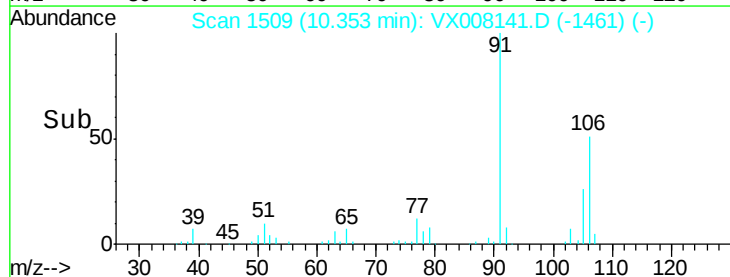
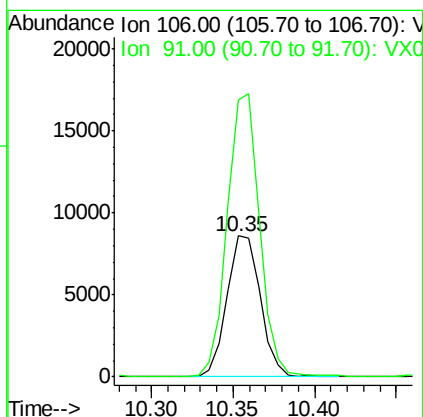
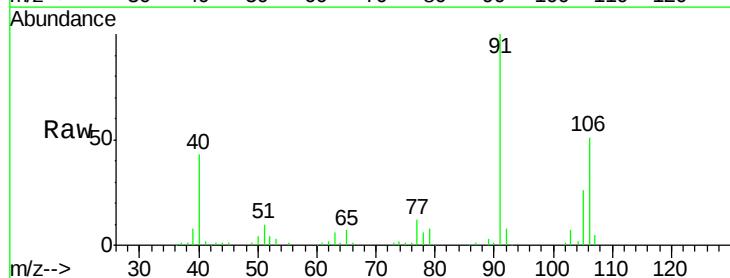
Instrument :
MSVOA_X
ClientSampled :
RBR-200050

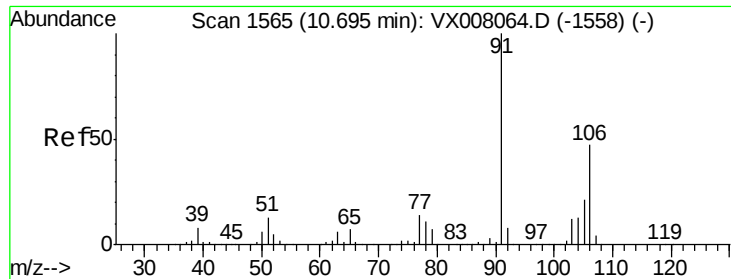
Tot Ion: 91 Resp: 7300
Ion Ratio Lower Upper
91 100
106 28.6 25.2 37.8



#68
m/p-Xylenes
Concen: 2.838 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion: 106 Resp: 12281
Ion Ratio Lower Upper
106 100
91 194.2 159.8 239.6

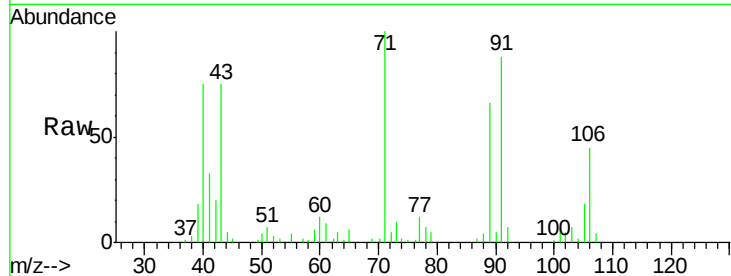




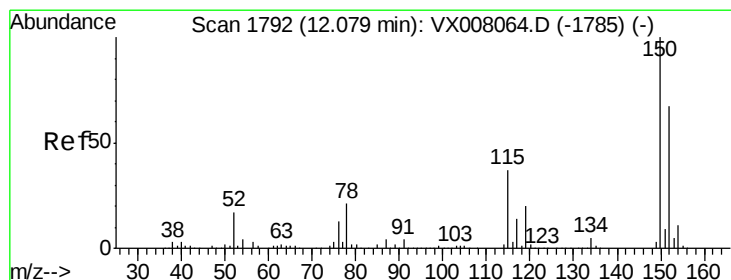
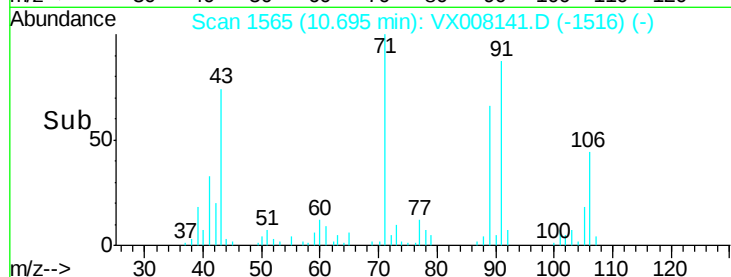
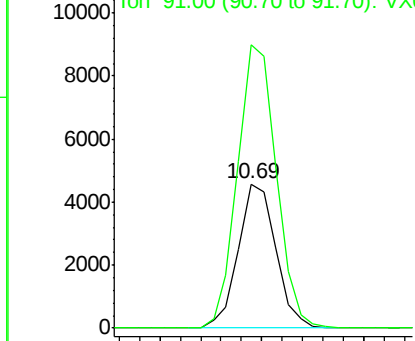
#69
o-Xylene
Concen: 1.390 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Instrument :
MSVOA_X
ClientSampled :
RBR-200050

Tot Ion:106 Resp: 5862
Ion Ratio Lower Upper
106 100
91 203.2 106.3 318.9

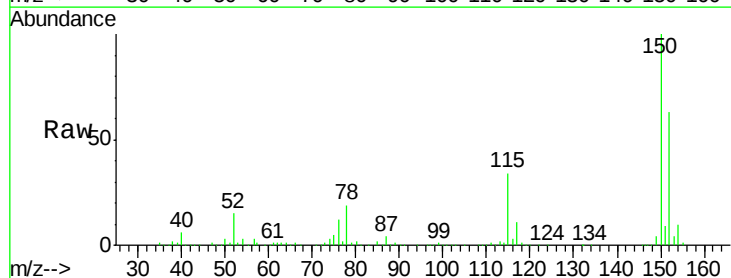


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

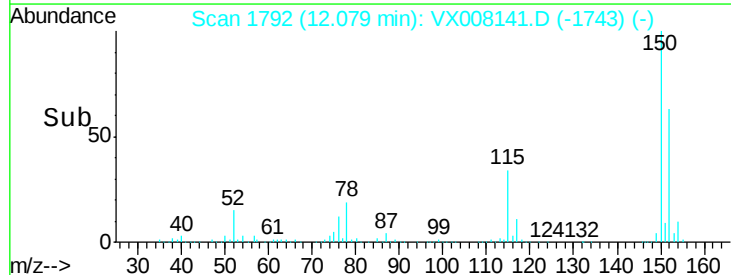
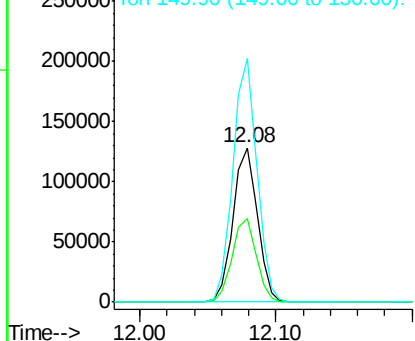


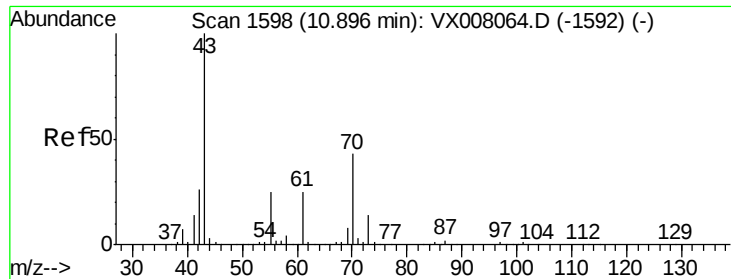
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008141.D
Acq: 16 Mar 2019 15:21

Tgt Ion:152 Resp: 159901
Ion Ratio Lower Upper
152 100
115 53.8 38.6 115.7
150 155.9 0.0 348.4



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





#74

N-amvl acetate

Concen: 2.075 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampled :

RBR-200050

Tot Ion: 43 Resp: 8964

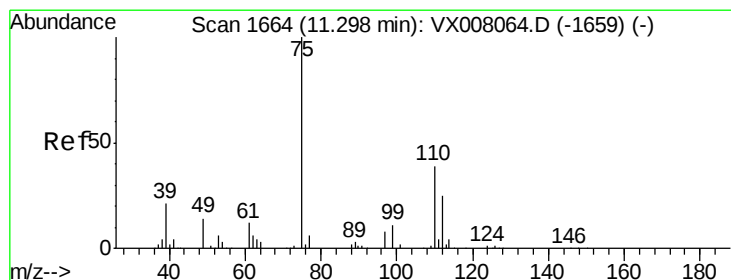
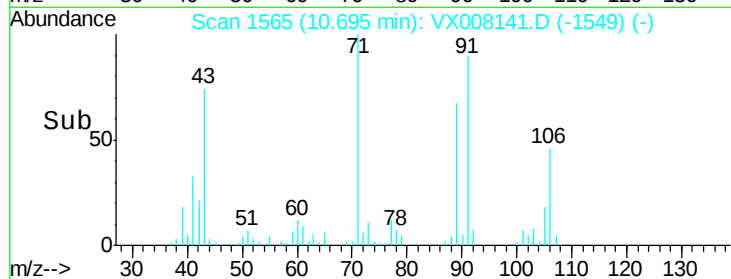
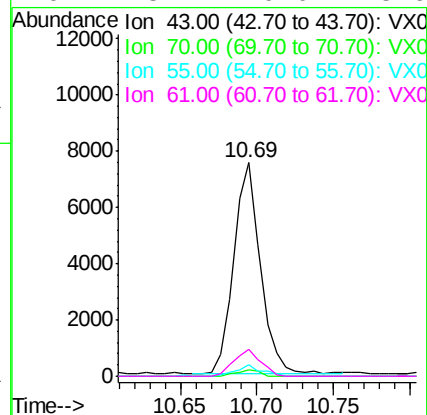
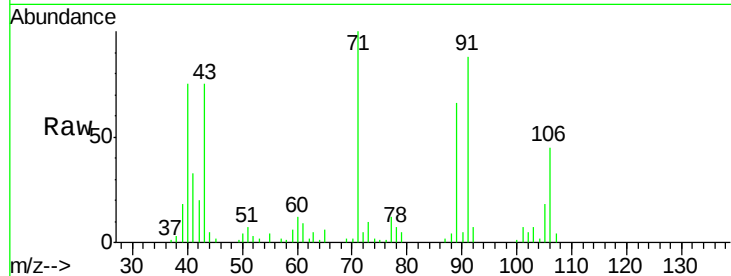
Ion Ratio Lower Upper

43 100

70 2.7 33.5 50.3#

55 5.4 19.2 28.8#

61 13.1 19.0 28.6#



#76

1,2,3-Trichloropropane

Concen: 24.305 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008141.D

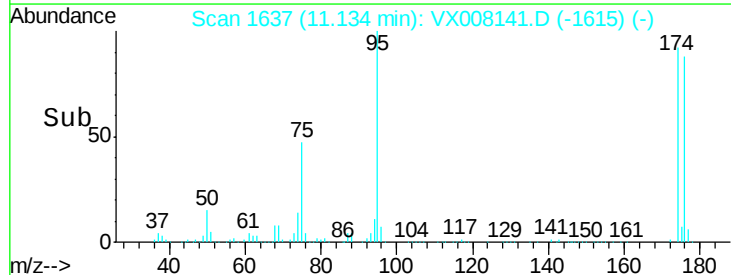
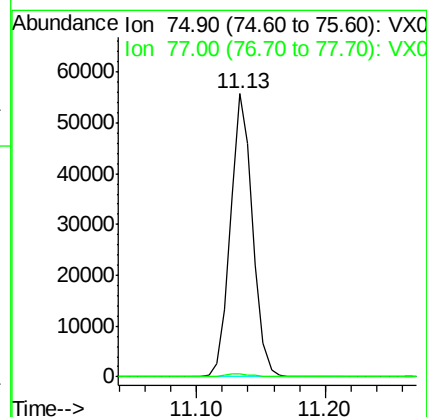
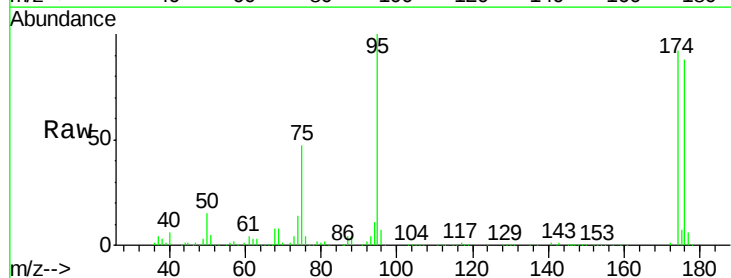
Acq: 16 Mar 2019 15:21

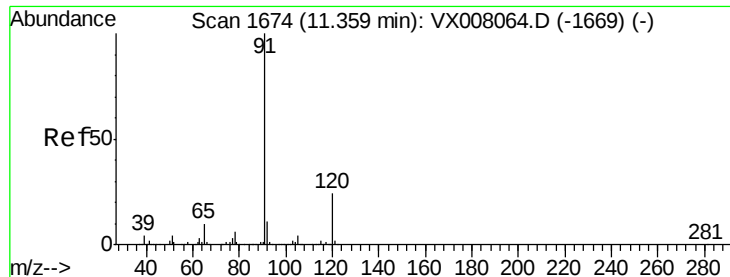
Tgt Ion: 75 Resp: 67496

Ion Ratio Lower Upper

75 100

77 1.3 18.9 56.7#





#78

n-propylbenzene

Concen: 0.464 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

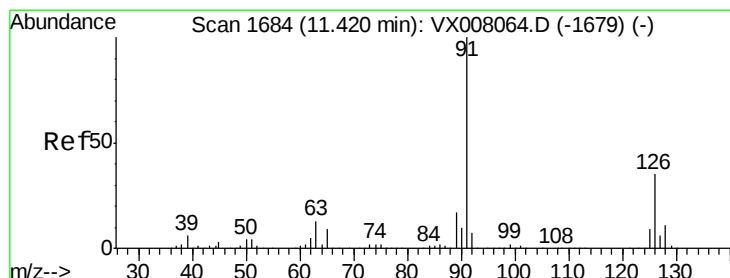
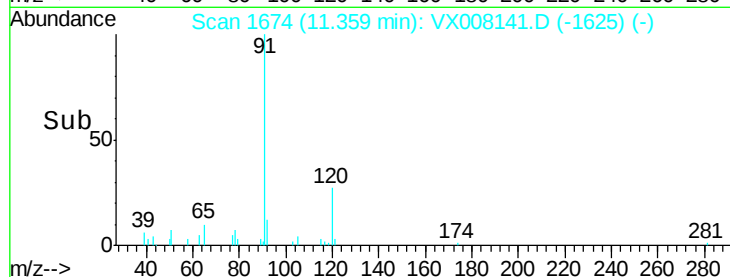
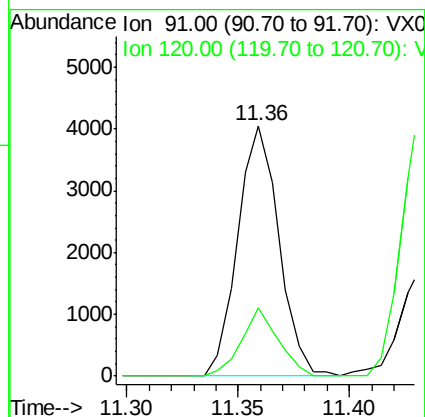
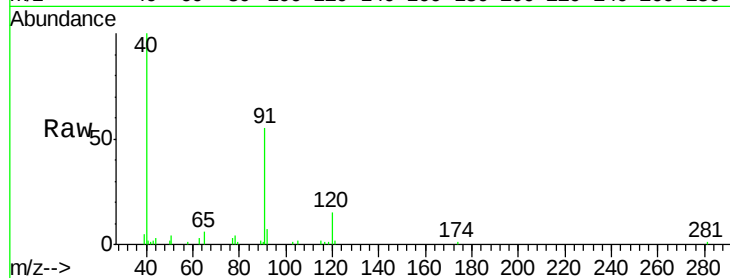
RBR-200050

Tot Ion: 91 Resp: 5217

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0



#79

2-Chlorotoluene

Concen: 0.454 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008141.D

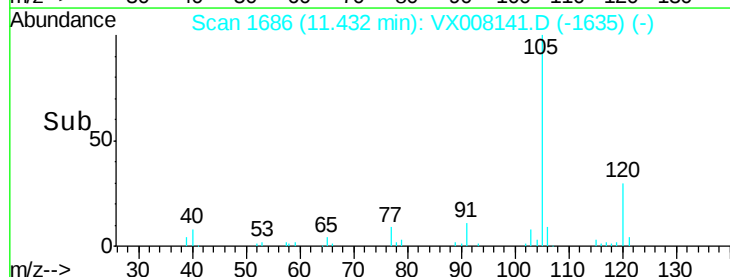
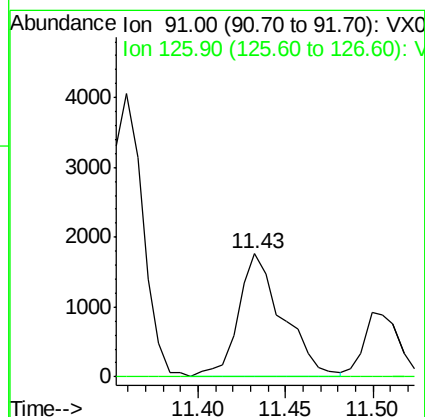
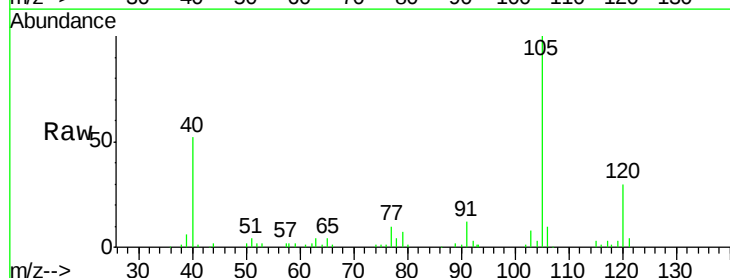
Acq: 16 Mar 2019 15:21

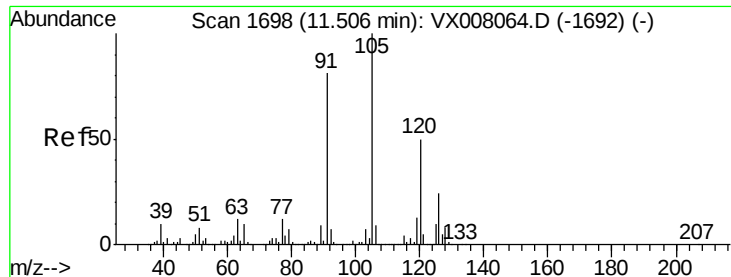
Tgt Ion: 91 Resp: 3117

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#

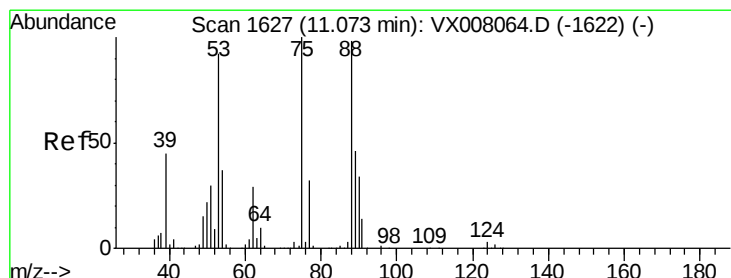
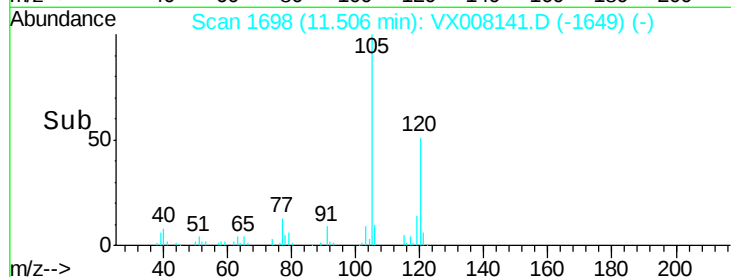
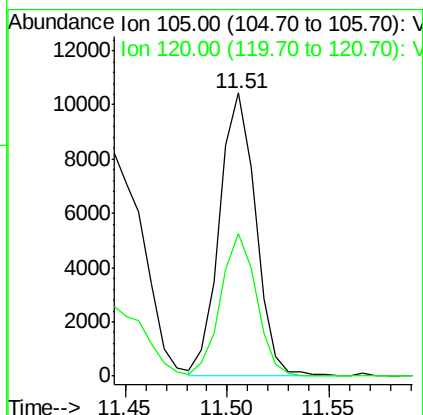
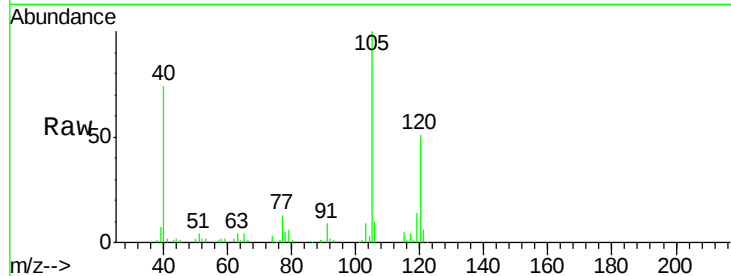




#80
 1,3,5-Trimethylbenzene
 Concen: 1.525 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008141.D
 Acq: 16 Mar 2019 15:21

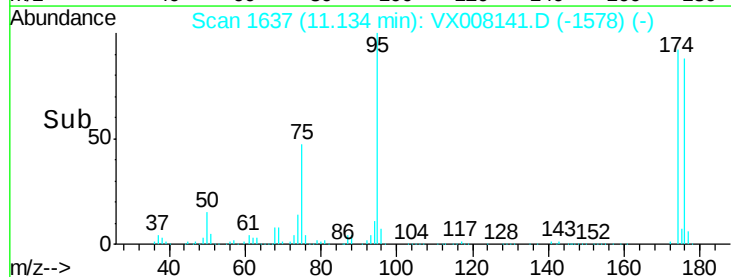
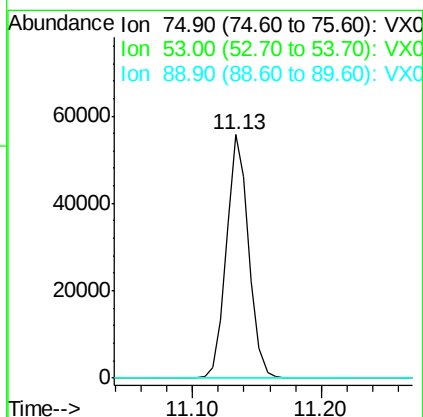
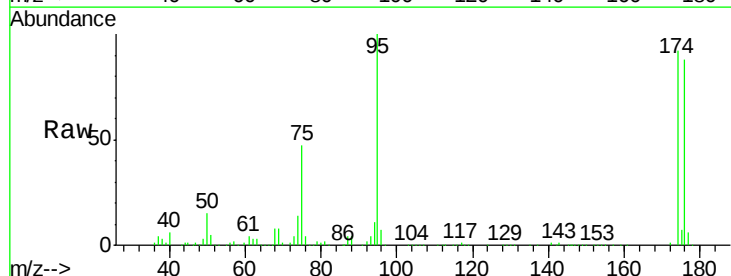
Instrument :
 MSVOA_X
 ClientSampled :
 RBR-200050

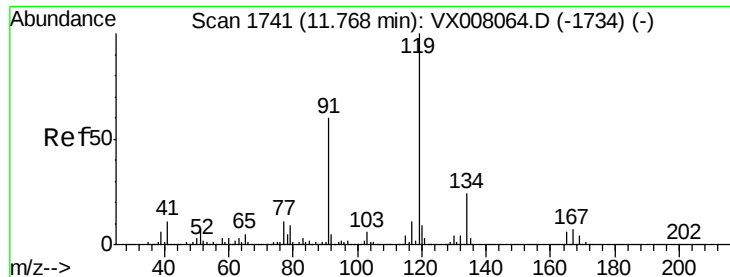
Tot Ion:105 Resp: 12869
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.164 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008141.D
 Acq: 16 Mar 2019 15:21

Tgt Ion: 75 Resp: 67496
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.0 36.3 54.5#





#83

tert-Butylbenzene

Concen: 0.608 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampled :

RBR-200050

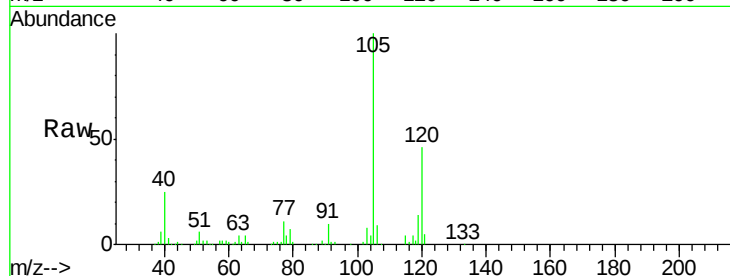
Tot Ion:119 Resp: 5145

Ion Ratio Lower Upper

119 100

91 72.1 27.1 81.3

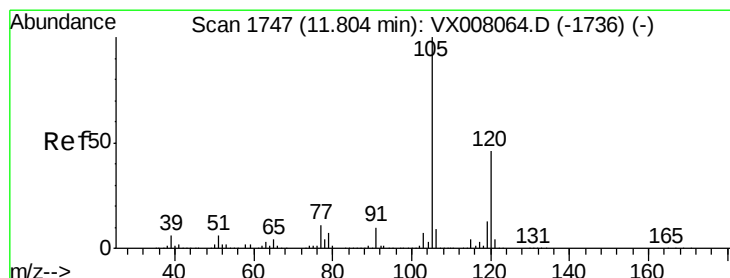
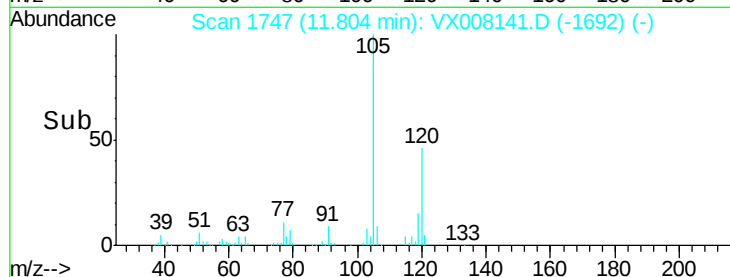
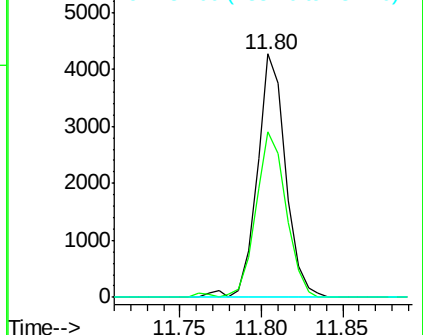
134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.289 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008141.D

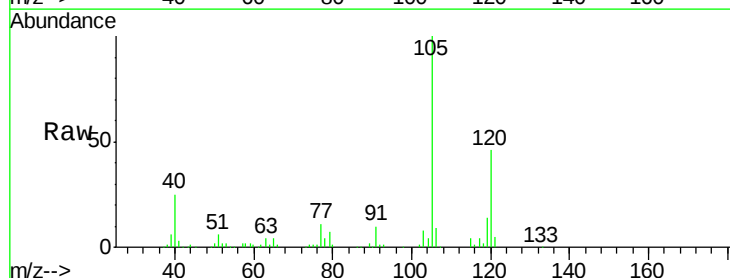
Acq: 16 Mar 2019 15:21

Tgt Ion:105 Resp: 37335

Ion Ratio Lower Upper

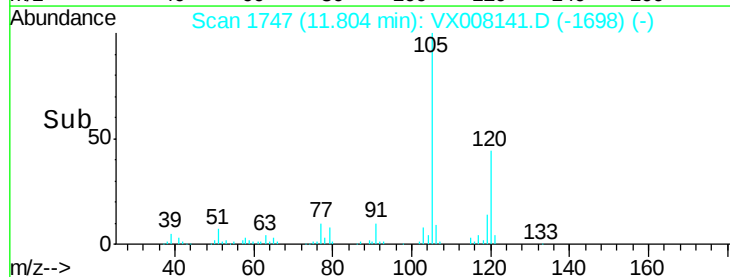
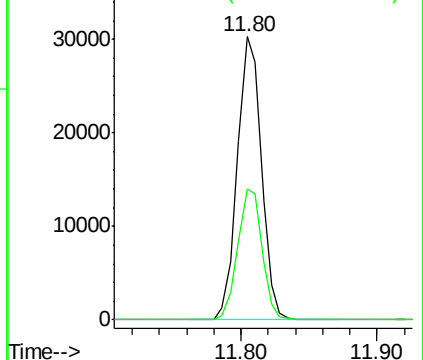
105 100

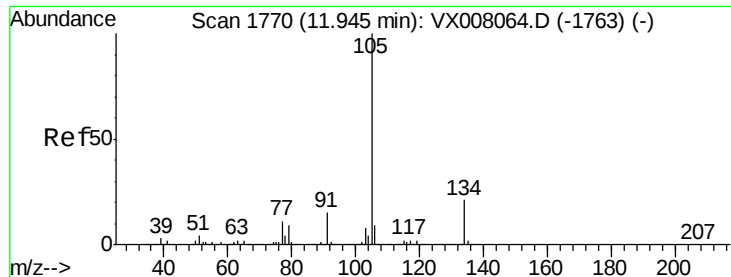
120 46.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

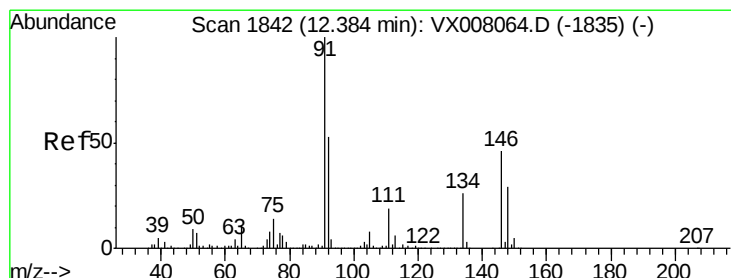
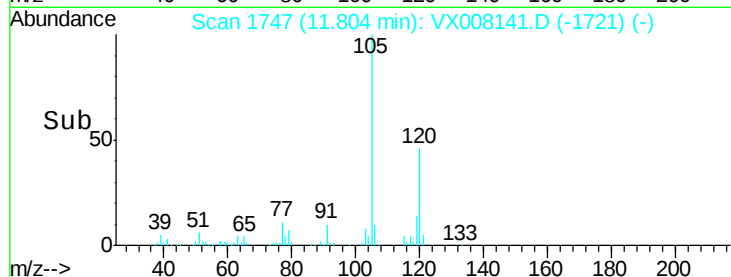
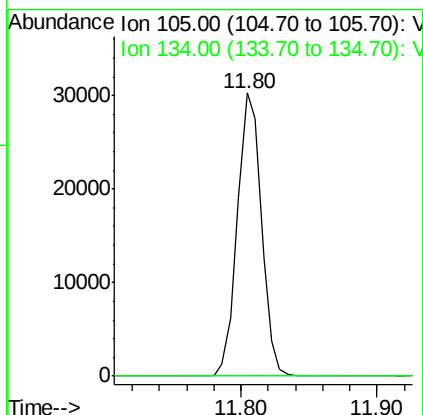
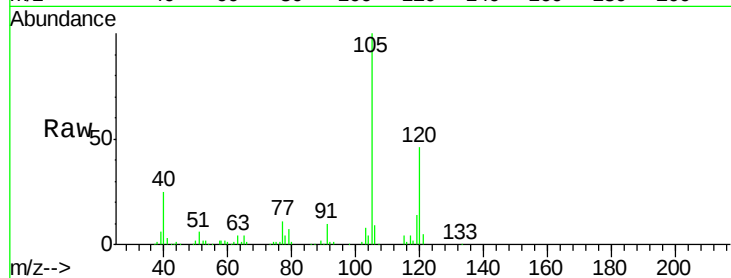




#85
 sec-Butylbenzene
 Concen: 3.705 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008141.D
 Acq: 16 Mar 2019 15:21

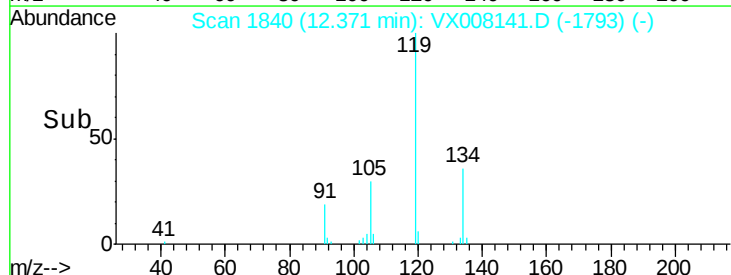
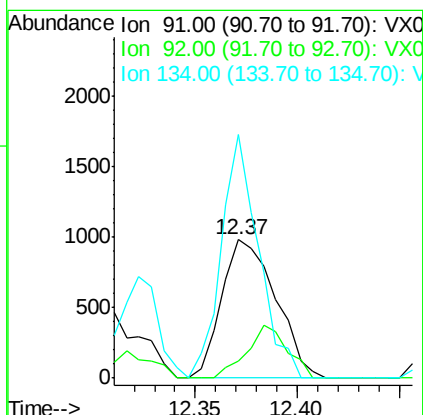
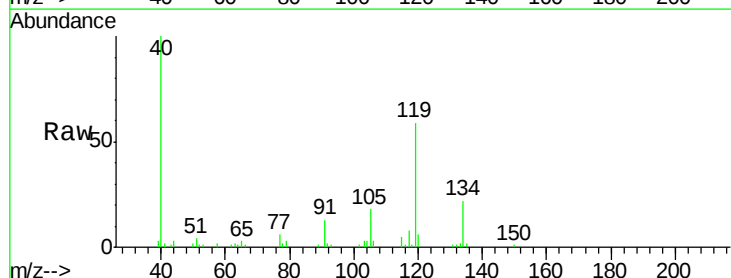
Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200050

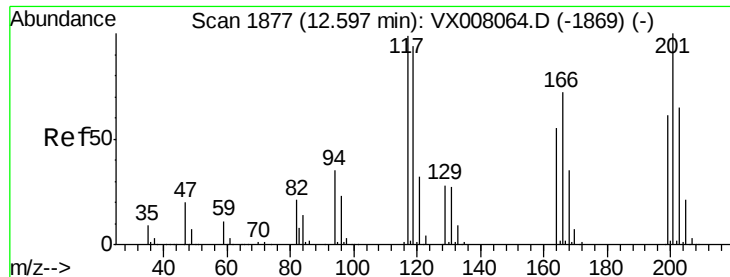
Tot Ion:105 Resp: 37335
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#89
 n-Butylbenzene
 Concen: 0.237 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX008141.D
 Acq: 16 Mar 2019 15:21

Tgt Ion: 91 Resp: 1805
 Ion Ratio Lower Upper
 91 100
 92 28.3 27.0 80.8
 134 120.7 13.7 41.0#





#90

Hexachloroethane

Concen: 0.540 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

Instrument :

MSVOA_X

ClientSampled :

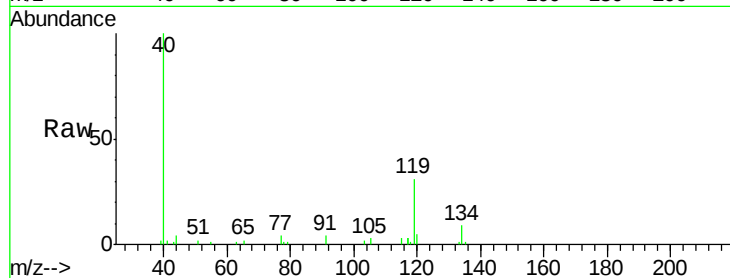
RBR-200050

Tot Ion:117 Resp: 788

Ion Ratio Lower Upper

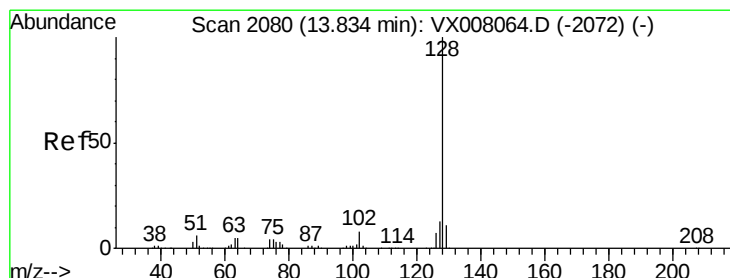
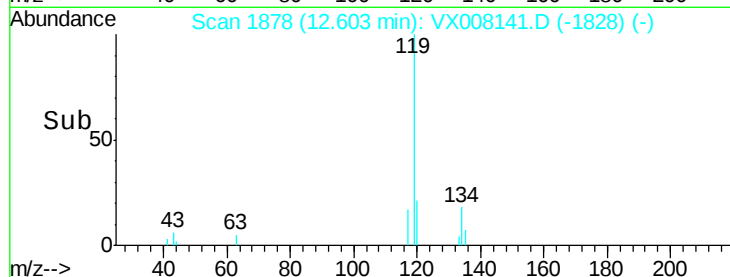
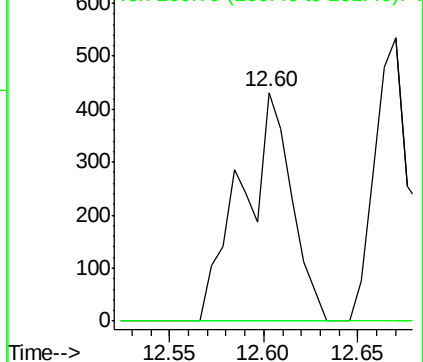
117 100

201 0.0 48.9 146.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.516 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008141.D

Acq: 16 Mar 2019 15:21

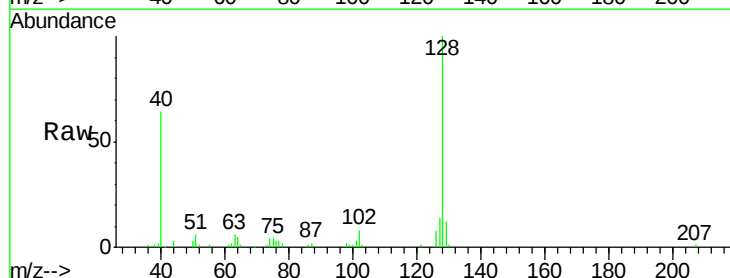
Tgt Ion:128 Resp: 14902

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.8 8.7 13.1



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

