

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054620.D
 Acq On : 23 Mar 2019 23:18
 Operator : JC/SP
 Sample : K2024-01ME
 Misc : 7.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RCA-08ME

Quant Time: Mar 25 03:38:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	543426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	867050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	343116	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	266262	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.09	98	1034130	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	318790	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

Target Compounds

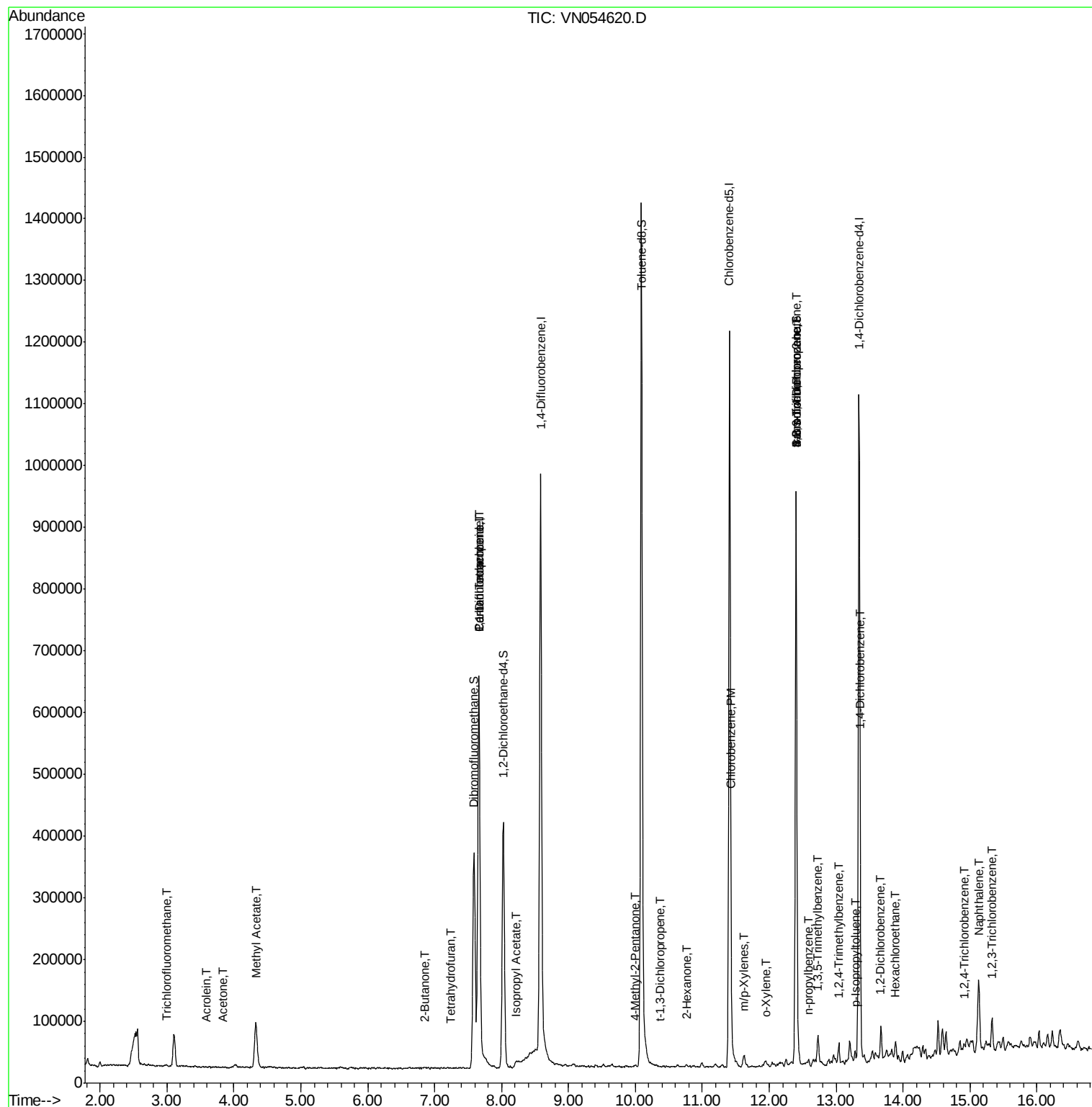
						Qvalue
7) Trichlorofluoromethane	2.99	101	1851	0.215	ug/l #	78
13) Acrolein	3.60	56	224	0.397	ug/l #	37
16) Acetone	3.82	43	1964	0.966	ug/l #	81
18) Methyl Acetate	4.33	43	146952	32.443	ug/l #	88
25) 2-Butanone	6.86	43	1297	0.498	ug/l #	79
29) Tetrahydrofuran	7.23	42	531	0.314	ug/l #	30
31) Cyclohexane	7.66	56	12250	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	40969	5.054	ug/l #	48
38) Carbon Tetrachloride	7.66	117	50246	6.378	ug/l #	16
43) Isopropyl Acetate	8.20	43	3805	0.391	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	2766	0.513	ug/l #	83
53) t-1,3-Dichloropropene	10.37	75	61	2.239	ug/l #	44
59) 2-Hexanone	10.75	43	2975	0.844	ug/l	90
65) Chlorobenzene	11.44	112	3891	0.270	ug/l	90
68) m/p-Xylenes	11.61	106	4850	0.503	ug/l	94
69) o-Xylene	11.95	106	2127	0.226	ug/l	85
71) Bromoform	12.40	173	2575	2.911	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	166876	36.228	ug/l #	100
78) n-propylbenzene	12.59	91	8562	0.338	ug/l	90
80) 1,3,5-Trimethylbenzene	12.73	105	7363	0.384	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	166876	120.141	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	18562	0.987	ug/l	100
86) p-Isopropyltoluene	13.29	119	4103	0.220	ug/l	90
88) 1,4-Dichlorobenzene	13.37	146	2335	0.250	ug/l #	2
90) Hexachloroethane	13.89	117	1312	0.454	ug/l #	2
91) 1,2-Dichlorobenzene	13.65	146	1932	0.207	ug/l #	63
93) 1,2,4-Trichlorobenzene	14.91	180	3116	0.671	ug/l #	91
94) Hexachlorobutadiene	15.01	225	1085	Below Cal		76
95) Naphthalene	15.13	128	92329	8.917	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	4439	0.961	ug/l #	74

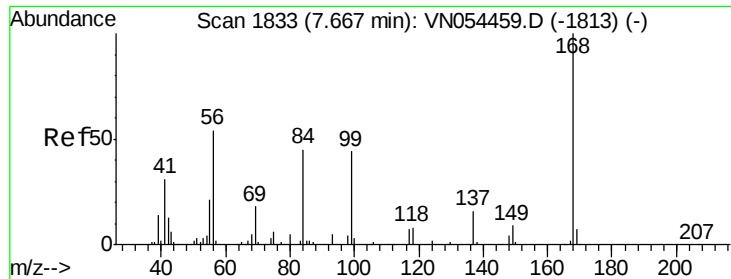
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

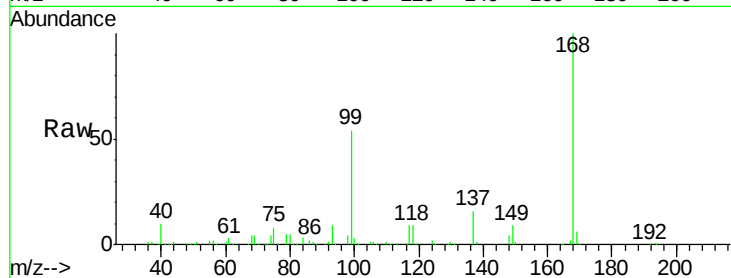
RCA-08ME

Tot Ion:168 Resp: 543426

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

150000

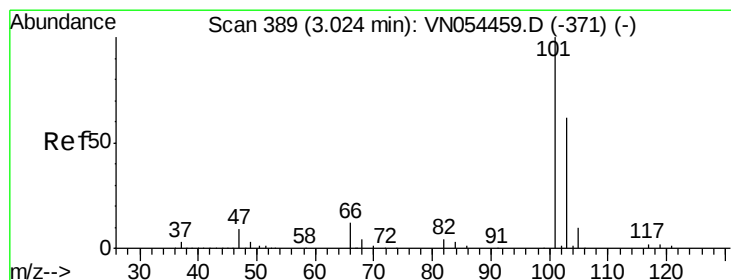
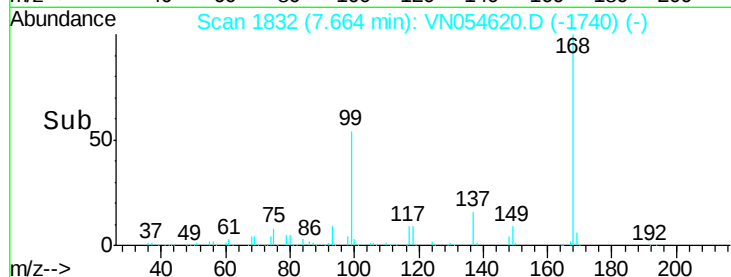
100000

50000

0

7.60 7.70 7.80

Time-->



#7

Trichlorofluoromethane

Concen: 0.215 ug/l

RT: 2.99 min Scan# 378

Delta R.T. -0.04 min

Lab File: VN054620.D

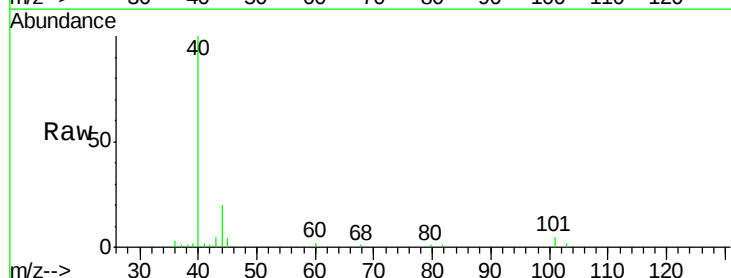
Acq: 23 Mar 2019 23:18

Tgt Ion:101 Resp: 1851

Ion Ratio Lower Upper

101 100

103 46.8 51.4 77.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

1000

800

600

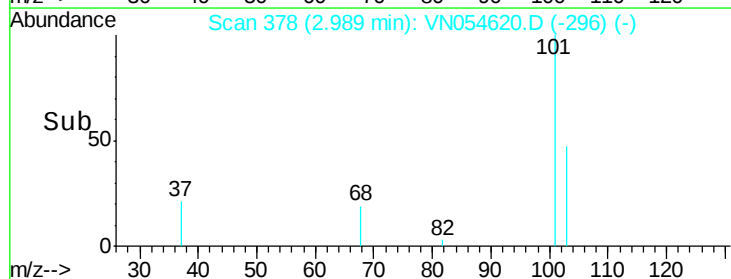
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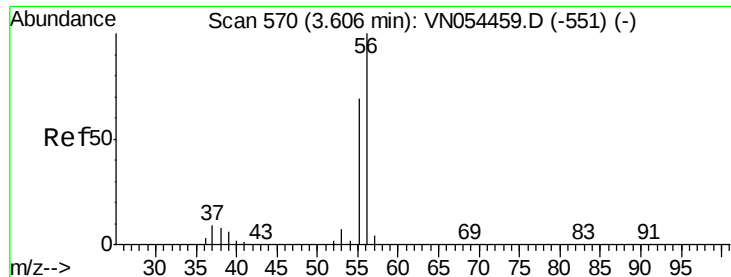
200

0

2.95 3.00

Time-->





#13

Acrolein

Concen: 0.397 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

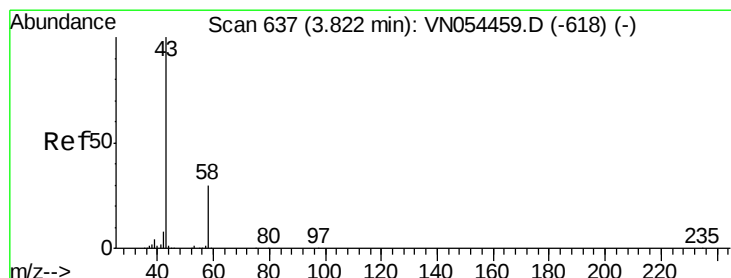
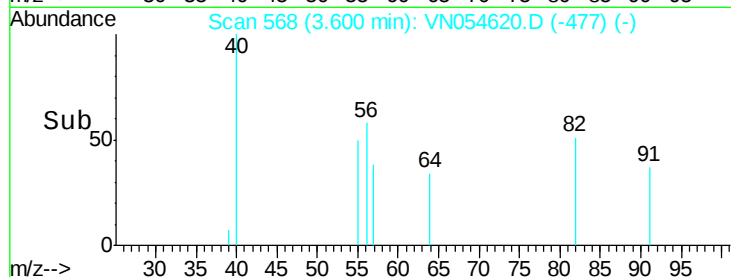
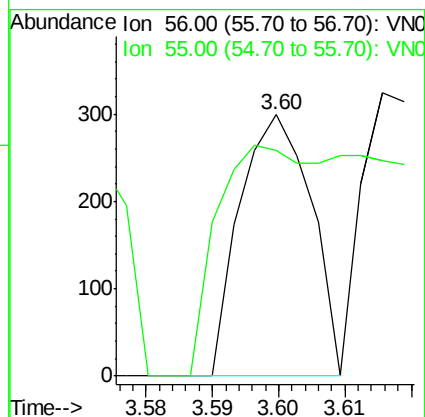
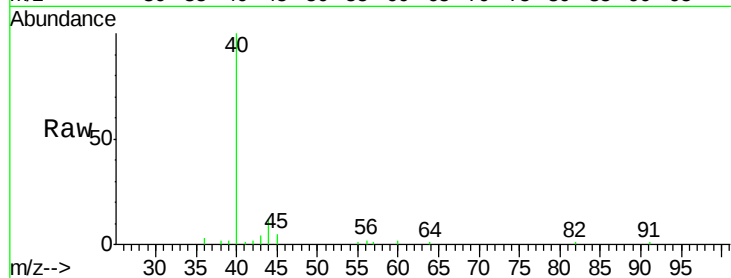
RCA-08ME

Tot Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 122.8 56.7 85.1#



#16

Acetone

Concen: 0.966 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054620.D

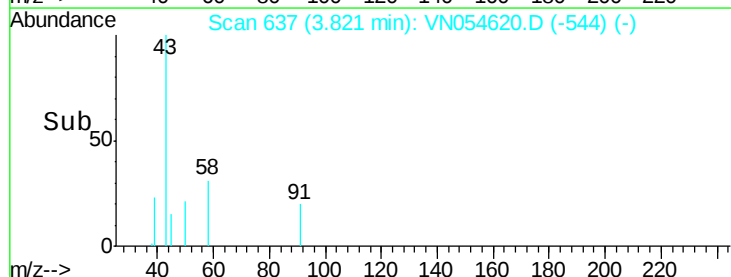
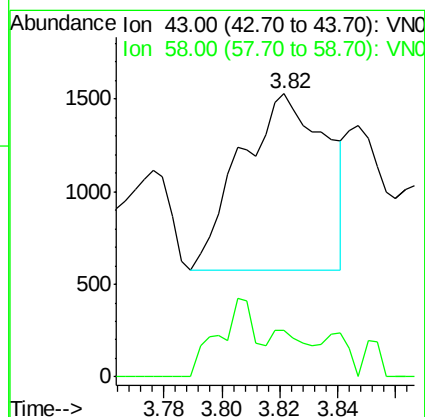
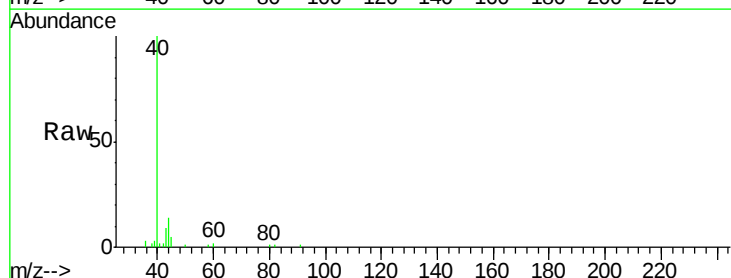
Acq: 23 Mar 2019 23:18

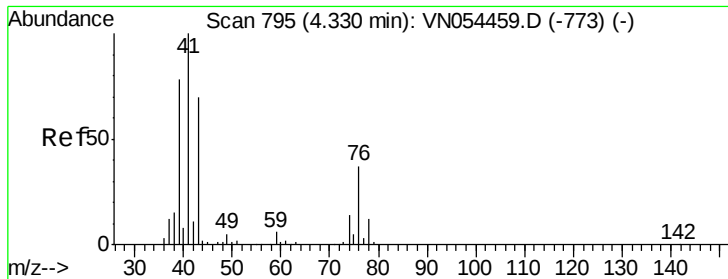
Tgt Ion: 43 Resp: 1964

Ion Ratio Lower Upper

43 100

58 26.1 29.9 44.9#

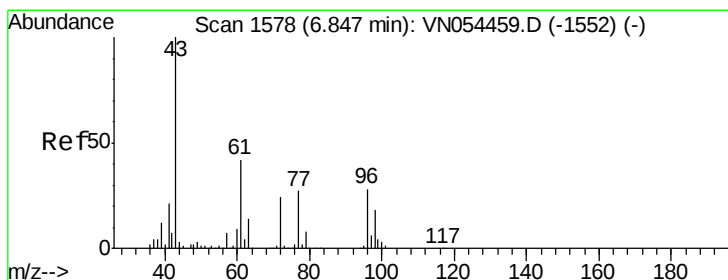
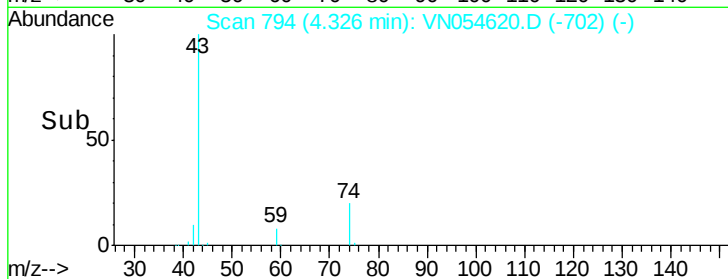
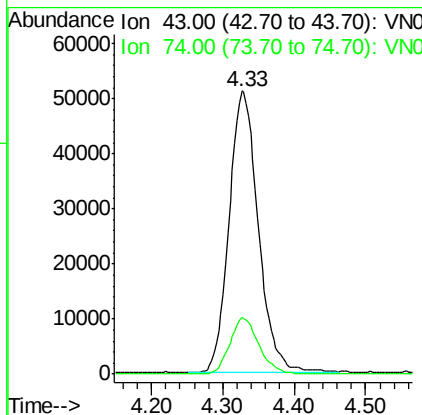
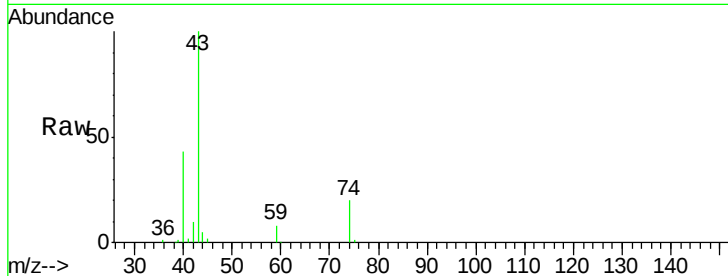




#18
Methvl Acetate
Concen: 32.443 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

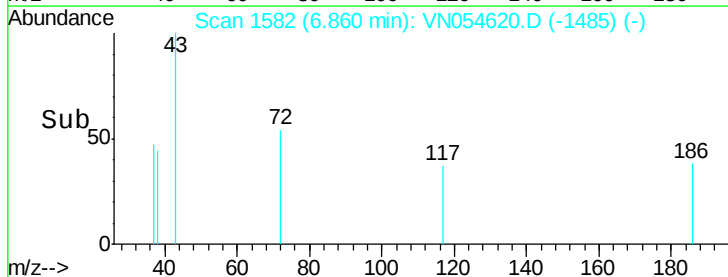
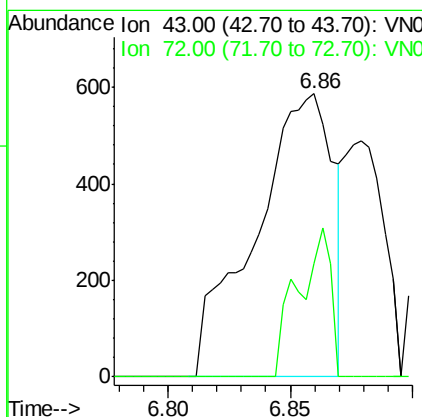
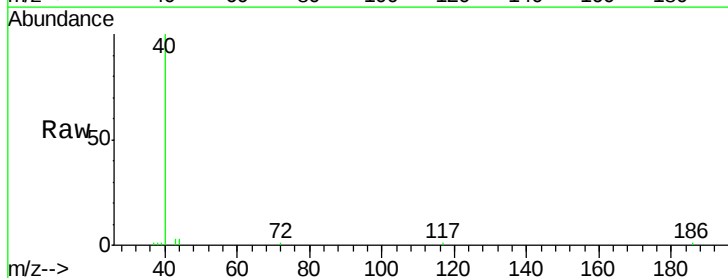
Instrument :
MSVOA_N
ClientSampleId :
RCA-08ME

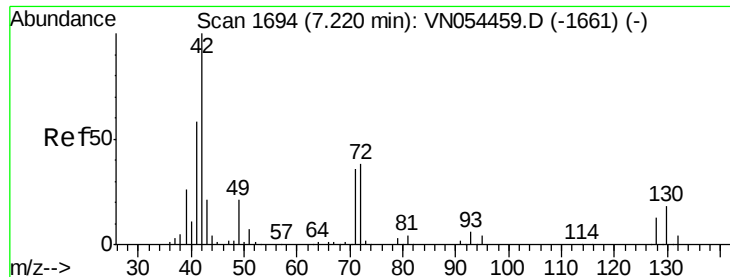
Tot Ion: 43 Resp: 146952
Ion Ratio Lower Upper
43 100
74 19.7 20.8 31.2#



#25
2-Butanone
Concen: 0.498 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
72 39.9 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.314 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

RCA-08ME

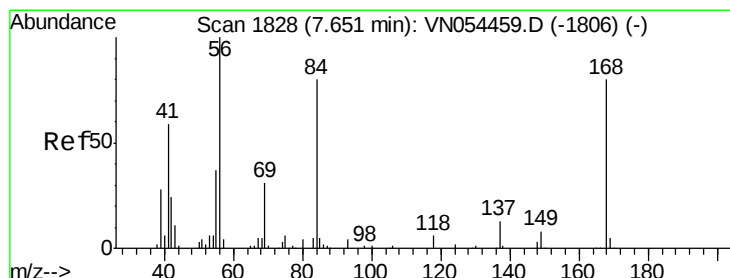
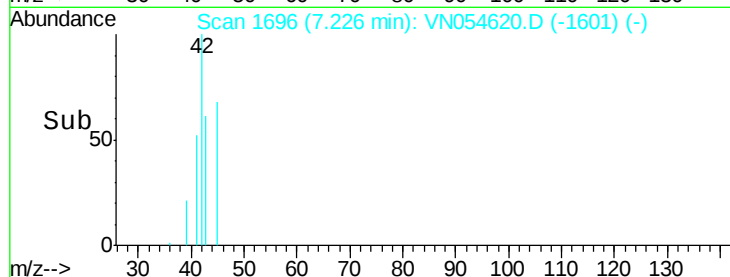
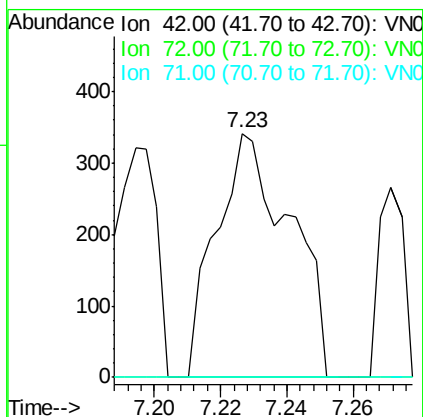
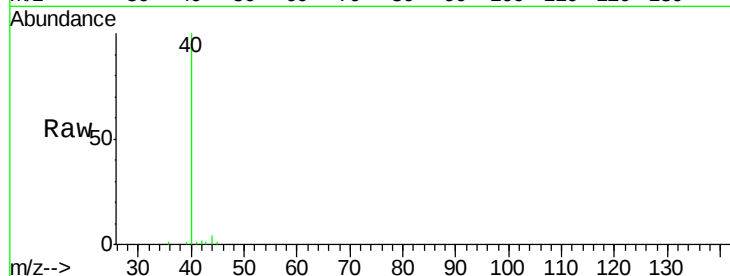
Tot Ion: 42 Resp: 531

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 36.2 54.2#



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

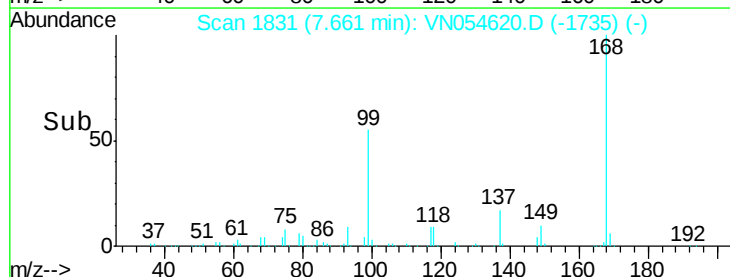
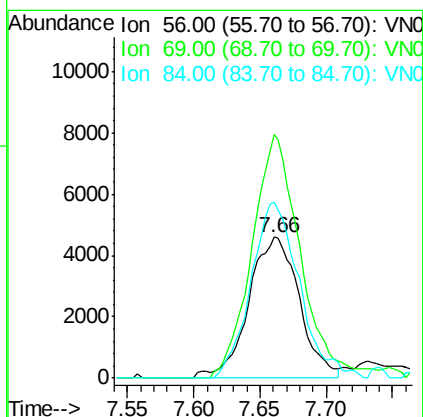
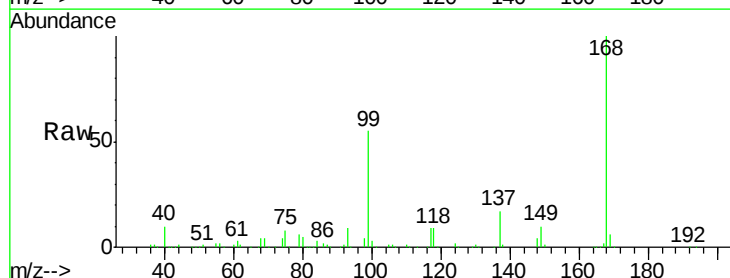
Tgt Ion: 56 Resp: 12250

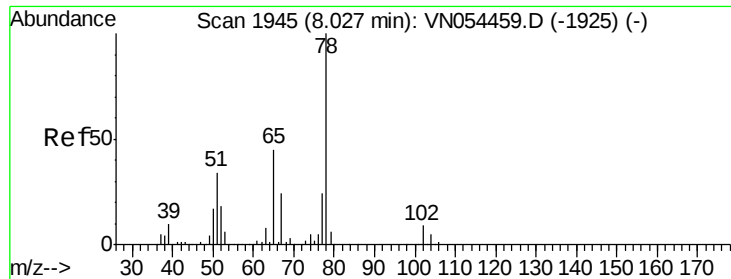
Ion Ratio Lower Upper

56 100

69 173.0 27.8 41.6#

84 124.7 74.6 111.8#

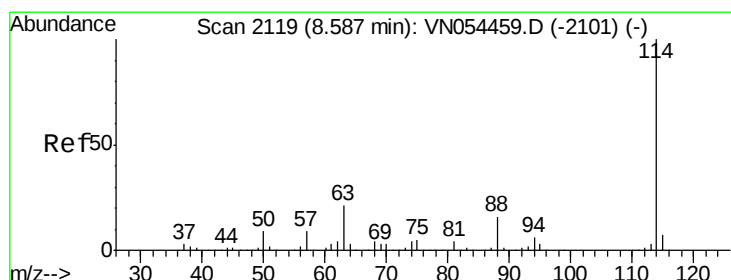
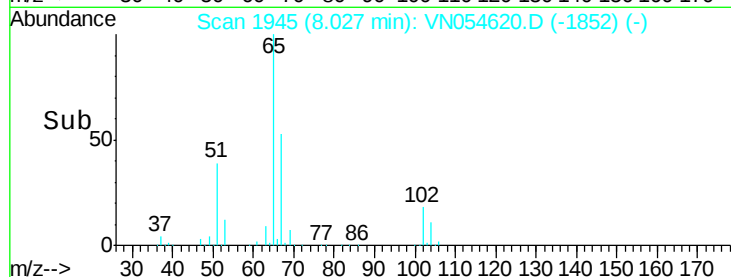
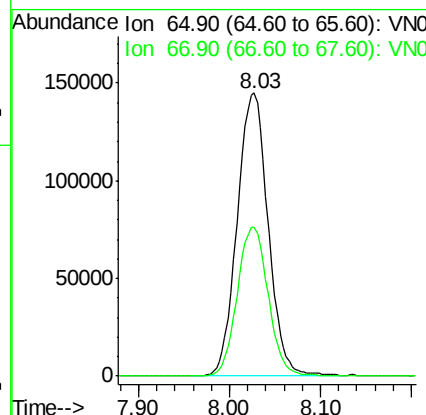
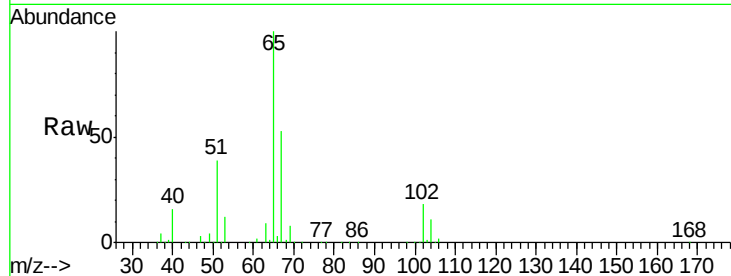




#33
 1,2-Dichloroethane-d4
 Concen: 50.762 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

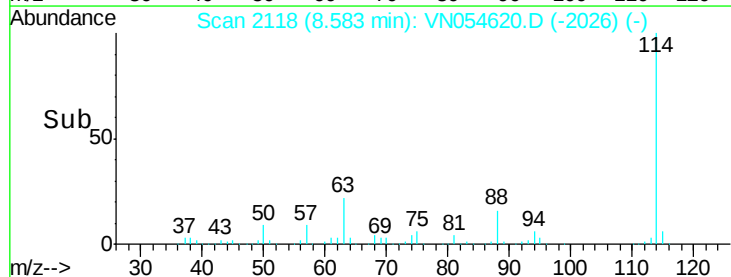
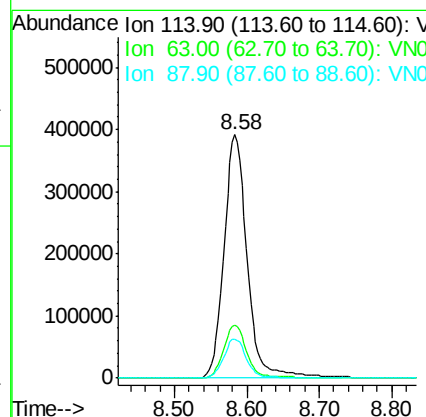
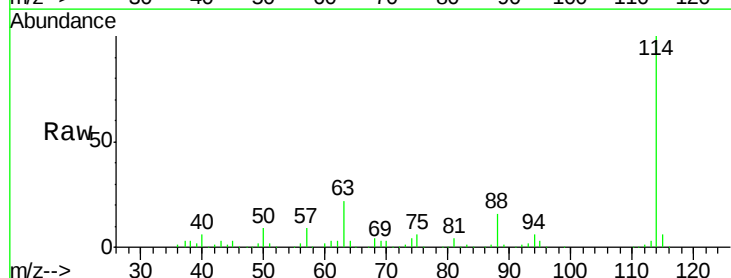
Instrument :
 MSVOA_N
 ClientSampleId :
 RCA-08ME

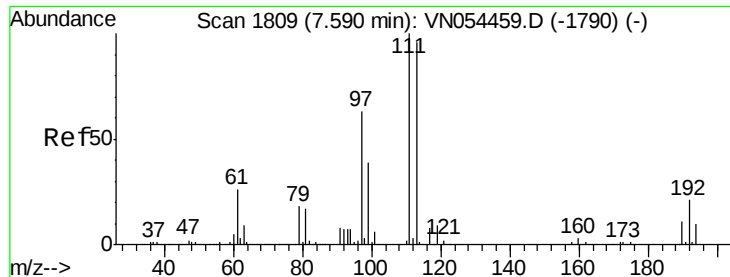
Tot Ion: 65 Resp: 343116
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

Tgt Ion: 114 Resp: 867050
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 16.0 0.0 30.2

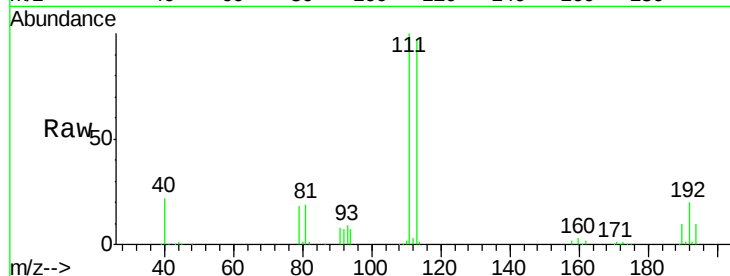




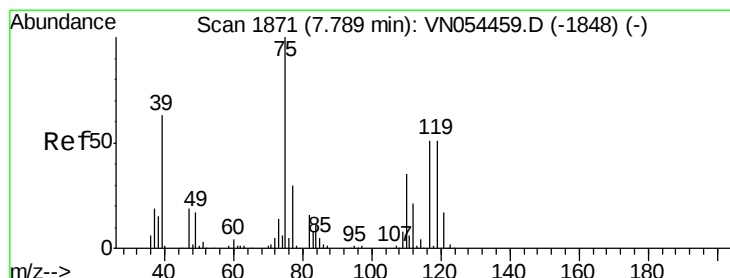
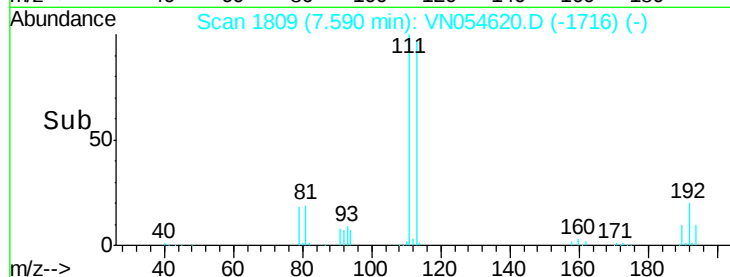
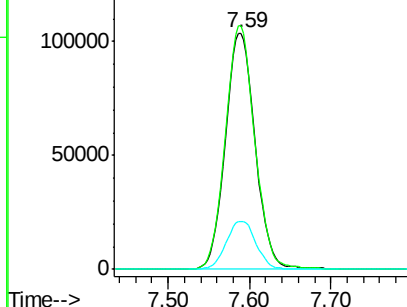
#35
 Dibromofluoromethane
 Concen: 47.666 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

Instrument :
 MSVOA_N
 ClientSampled :
 RCA-08ME

Tot Ion:113 Resp: 266262
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 20.5 19.2 28.8

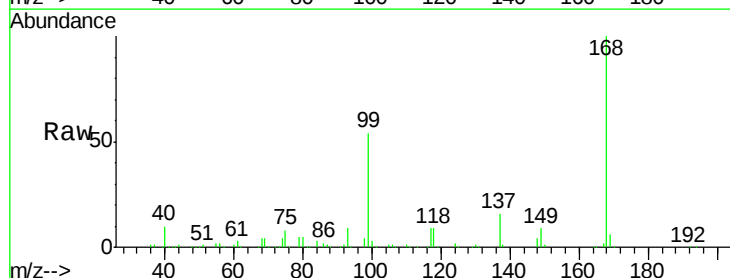


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

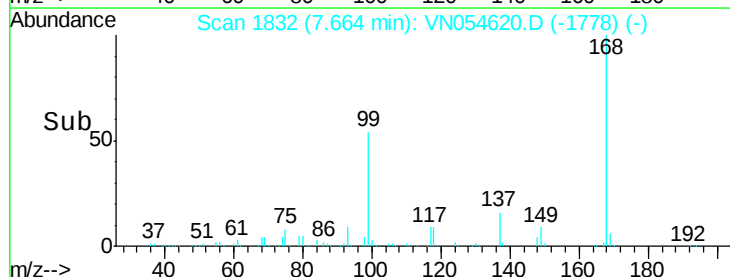
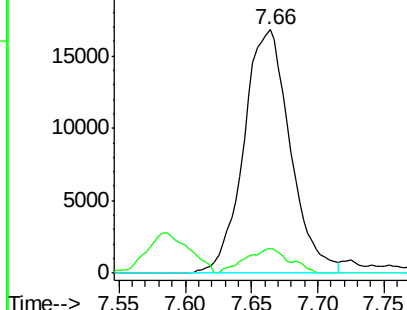


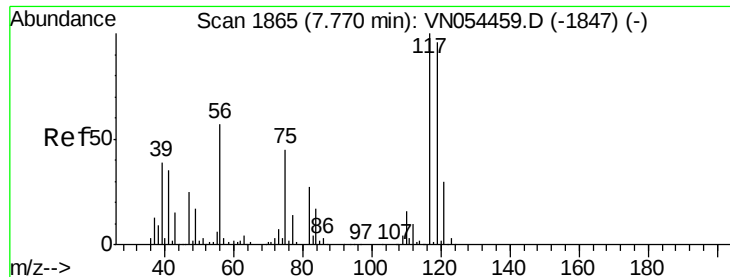
#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

Tgt Ion: 75 Resp: 40969
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.5#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

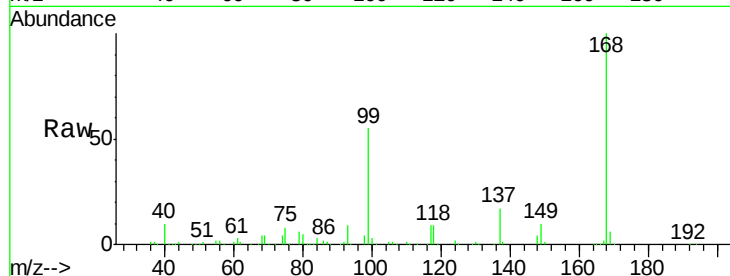




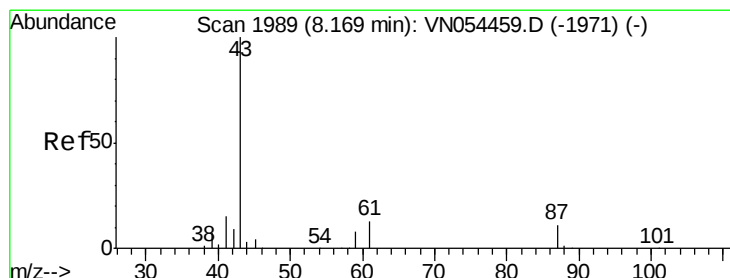
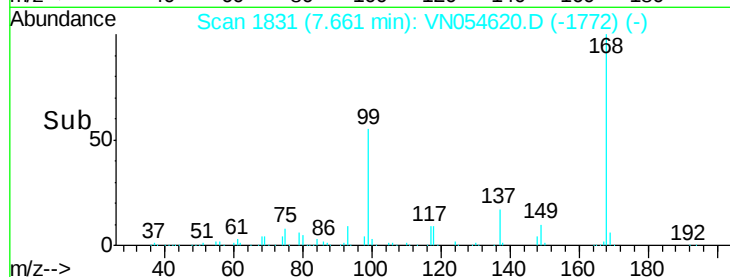
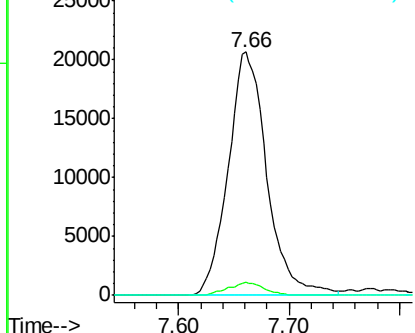
#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Instrument :
MSVOA_N
ClientSampled :
RCA-08ME

Tot Ion:117 Resp: 50246
Ion Ratio Lower Upper
117 100
119 5.2 76.3 114.5#
121 0.0 24.6 36.8#

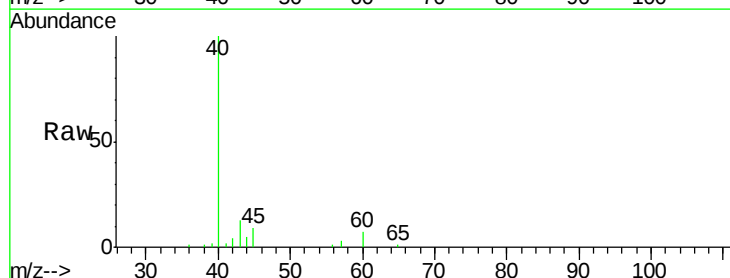


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

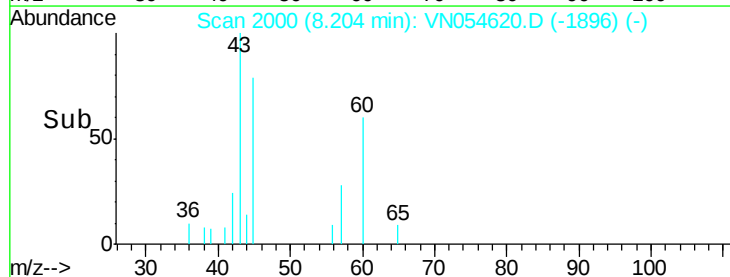
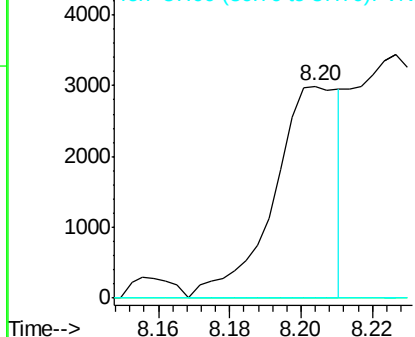


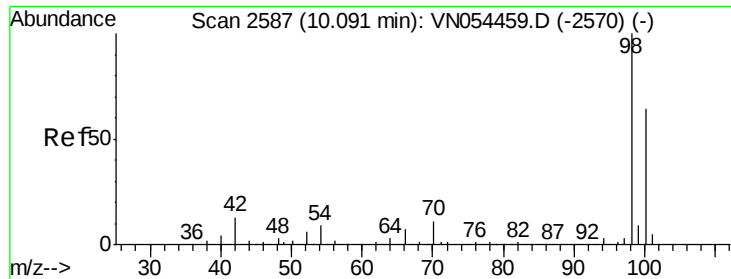
#43
Isopropyl Acetate
Concen: 0.391 ug/l
RT: 8.20 min Scan# 2000
Delta R.T. 0.04 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Tgt Ion: 43 Resp: 3805
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.245 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

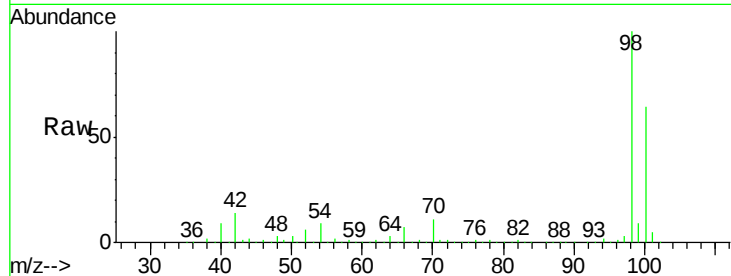
RCA-08ME

Tot Ion: 98 Resp: 1034130

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

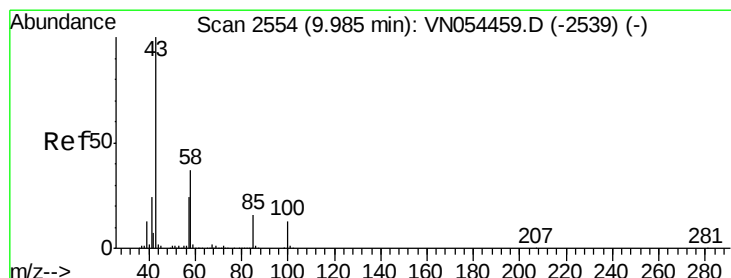
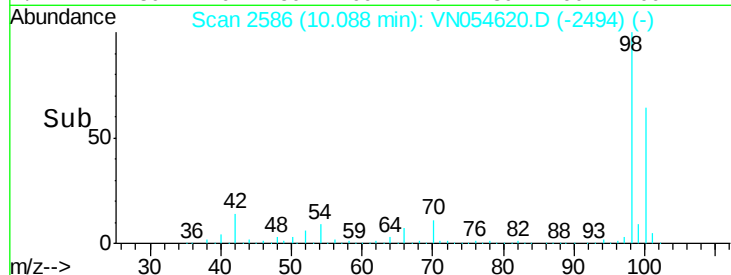
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.513 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054620.D

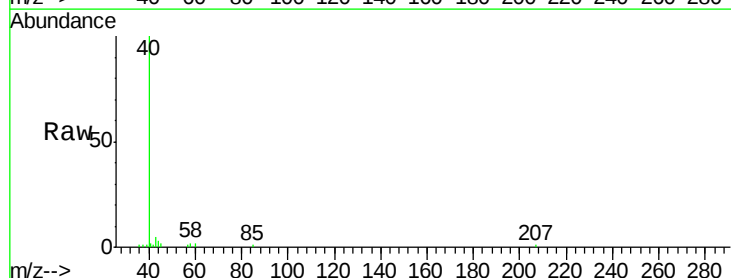
Acq: 23 Mar 2019 23:18

Tgt Ion: 43 Resp: 2766

Ion Ratio Lower Upper

43 100

58 29.4 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

2500

2000

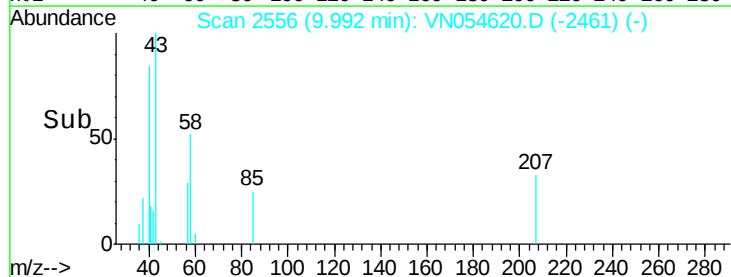
1500

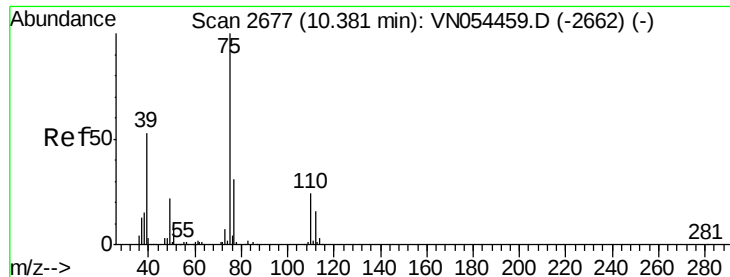
1000

500

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.239 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

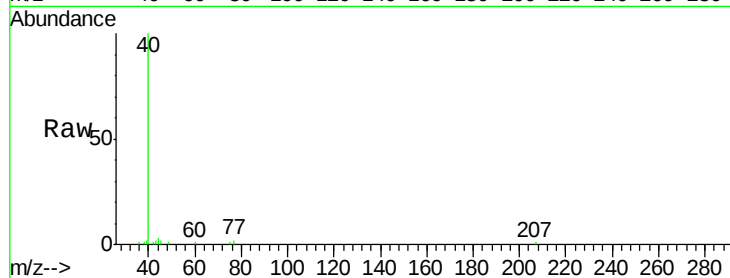
RCA-08ME

Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

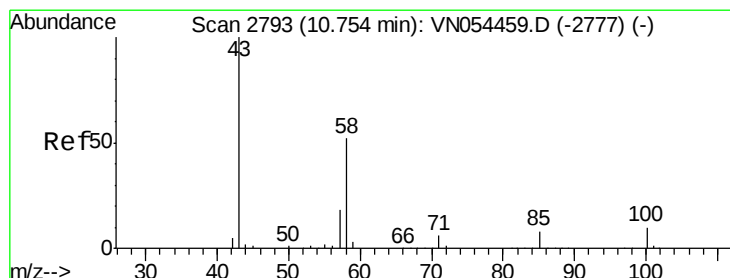
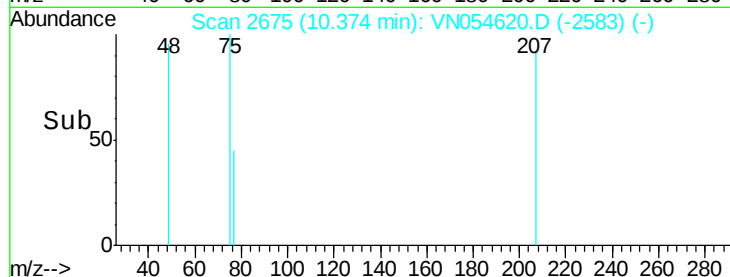
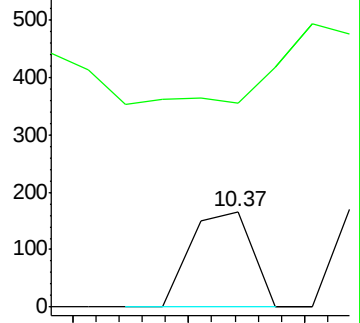
75 100

77 1.2 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#59

2-Hexanone

Concen: 0.844 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN054620.D

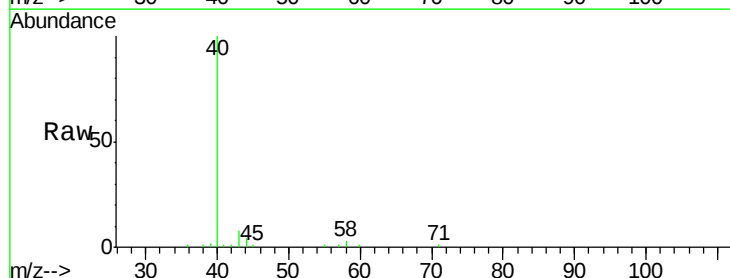
Acq: 23 Mar 2019 23:18

Tgt Ion: 43 Resp: 2975

Ion Ratio Lower Upper

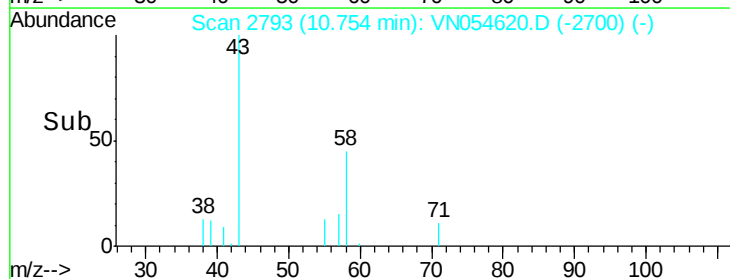
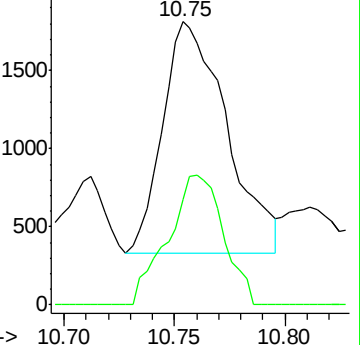
43 100

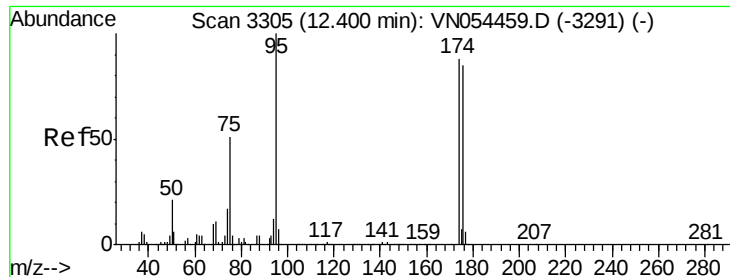
58 48.6 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

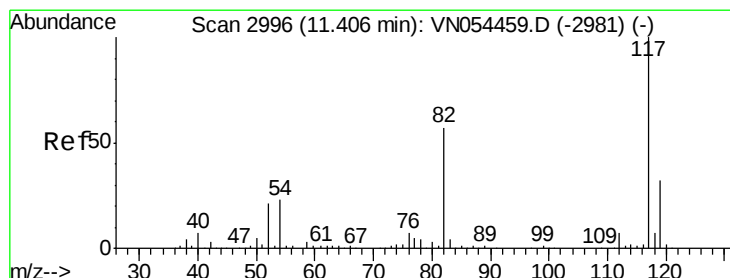
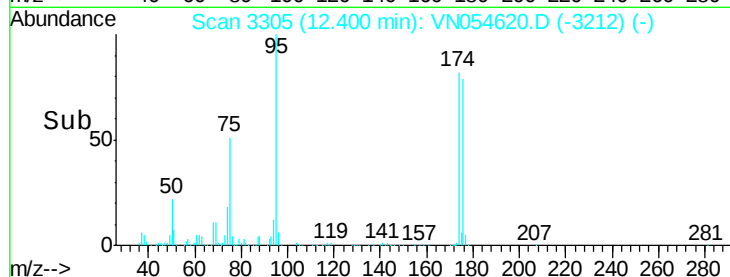
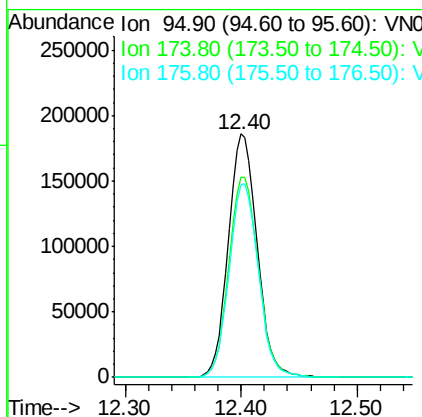
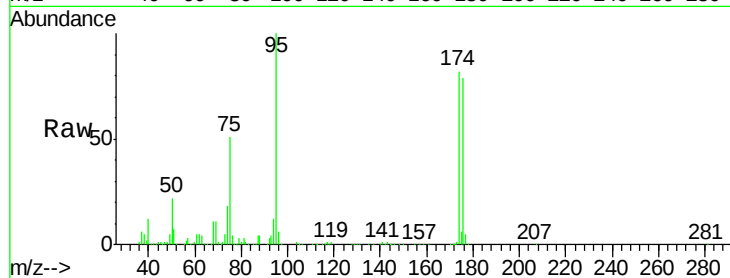




#62
4-Bromofluorobenzene
Concen: 44.612 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

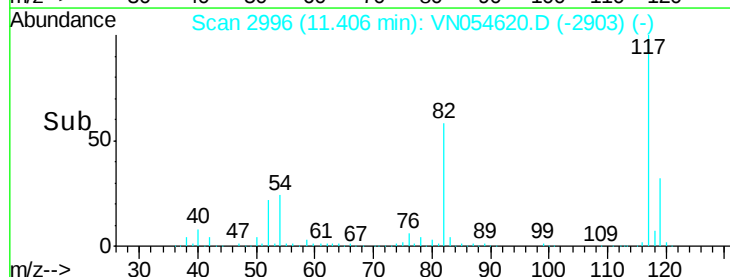
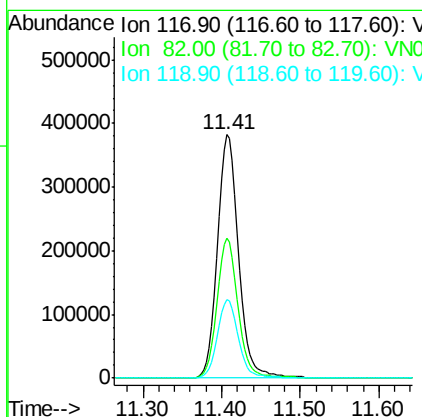
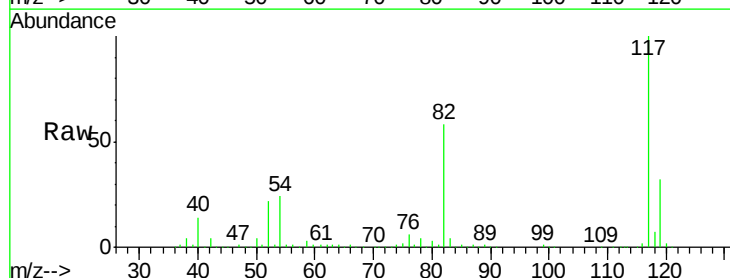
Instrument :
MSVOA_N
ClientSampleId :
RCA-08ME

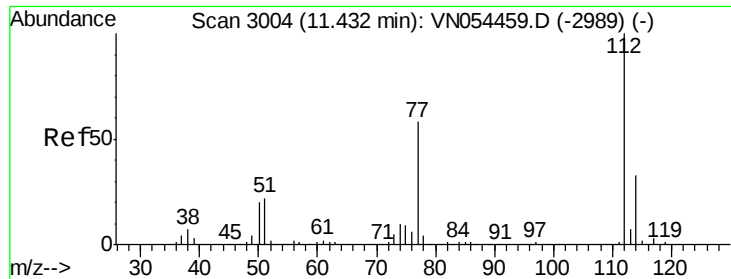
Tot Ion: 95 Resp: 318790
Ion Ratio Lower Upper
95 100
174 84.5 0.0 191.0
176 80.7 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Tgt Ion: 117 Resp: 708179
Ion Ratio Lower Upper
117 100
82 57.6 40.0 60.0
119 32.0 25.8 38.6

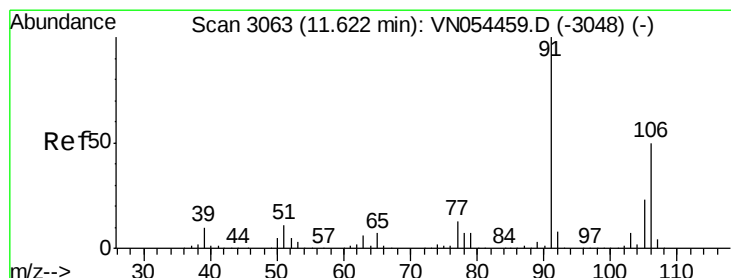
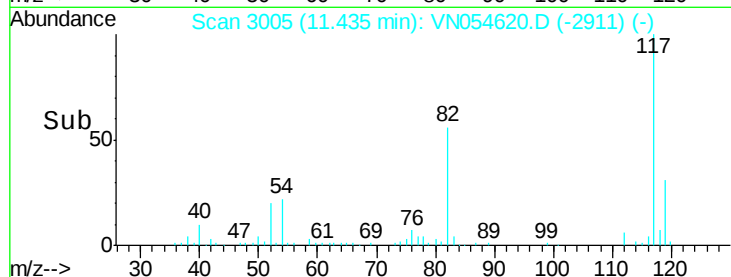
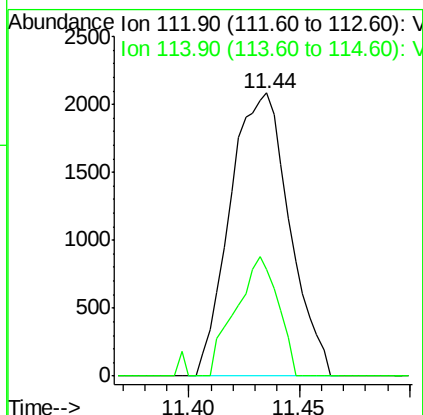
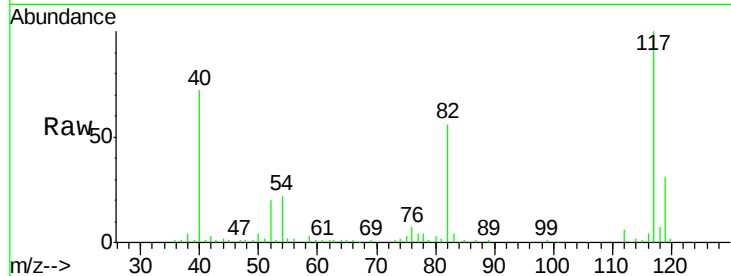




#65
Chlorobenzene
Concen: 0.270 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

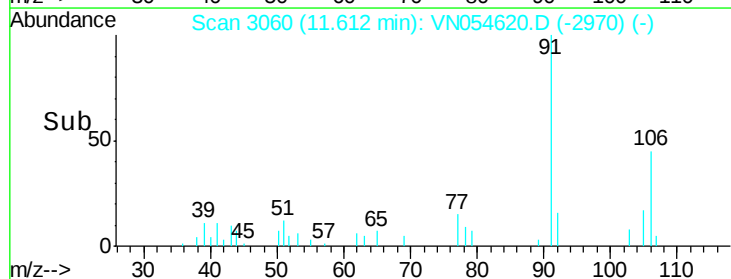
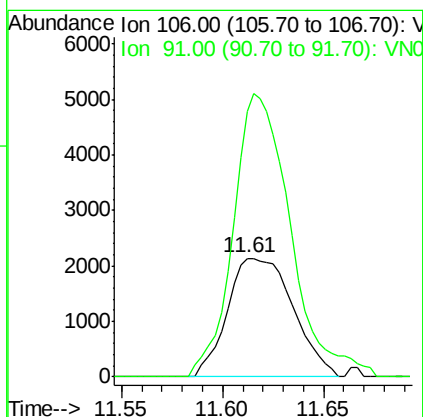
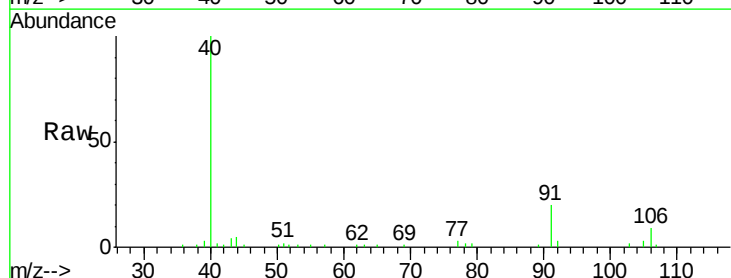
Instrument :
MSVOA_N
ClientSampled :
RCA-08ME

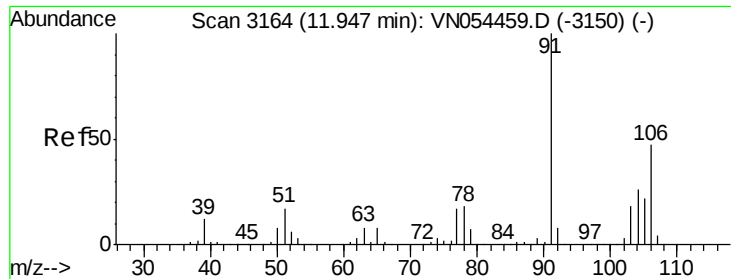
Tot Ion:112 Resp: 3891
Ion Ratio Lower Upper
112 100
114 37.9 25.9 38.9



#68
m/p-Xylenes
Concen: 0.503 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Tgt Ion:106 Resp: 4850
Ion Ratio Lower Upper
106 100
91 209.0 159.4 239.2

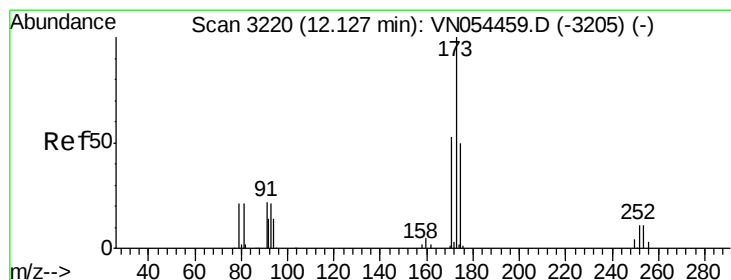
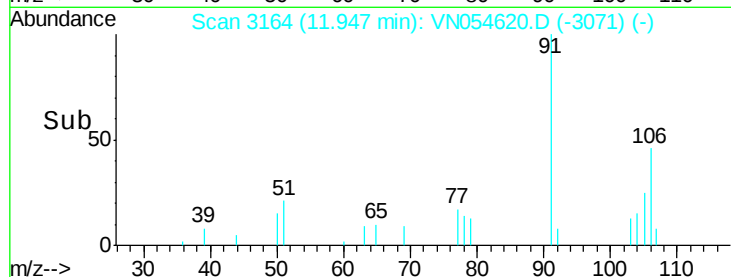
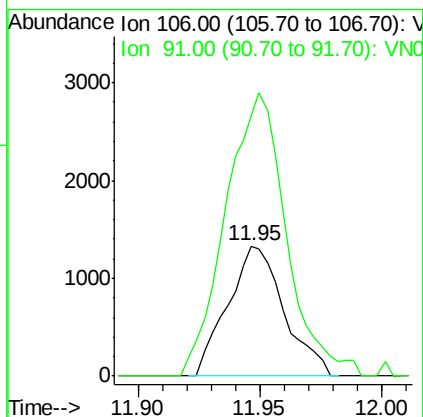
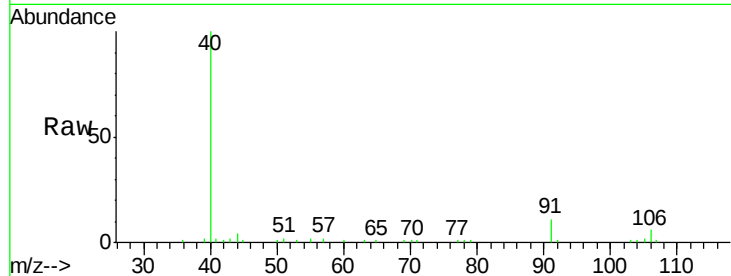




#69
o-Xylene
Concen: 0.226 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

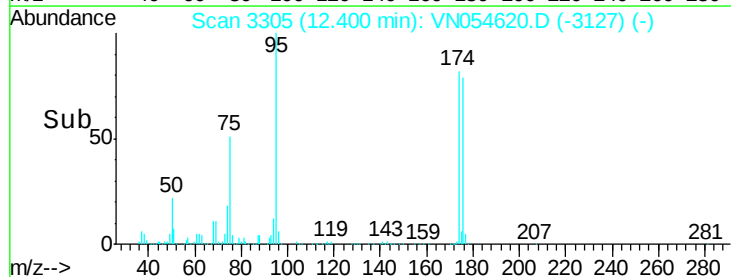
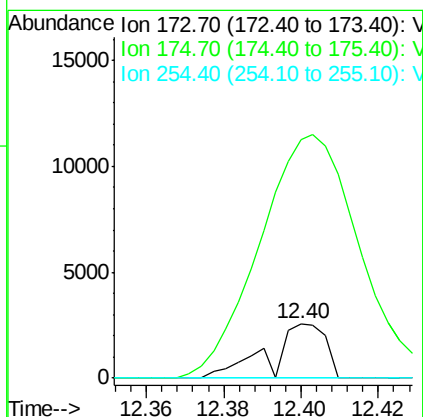
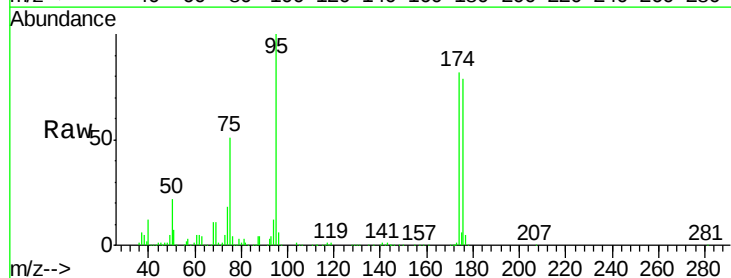
Instrument :
MSVOA_N
ClientSampled :
RCA-08ME

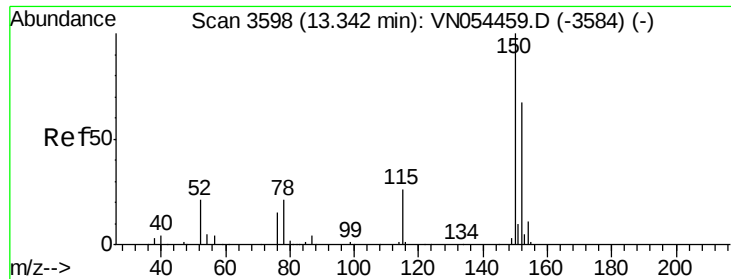
Tot Ion:106 Resp: 2127
Ion Ratio Lower Upper
106 100
91 235.6 105.7 317.1



#71
Bromoform
Concen: 2.911 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054620.D
Acq: 23 Mar 2019 23:18

Tgt Ion:173 Resp: 2575
Ion Ratio Lower Upper
173 100
175 675.7 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

RCA-08ME

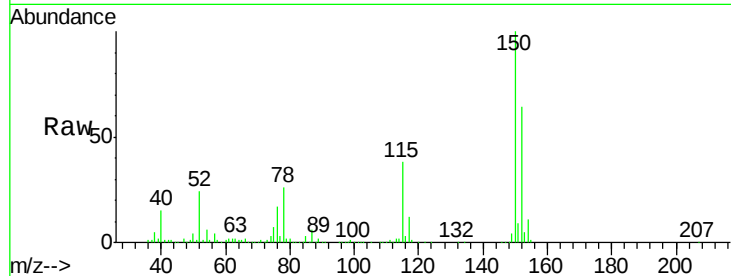
Tot Ion:152 Resp: 290277

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

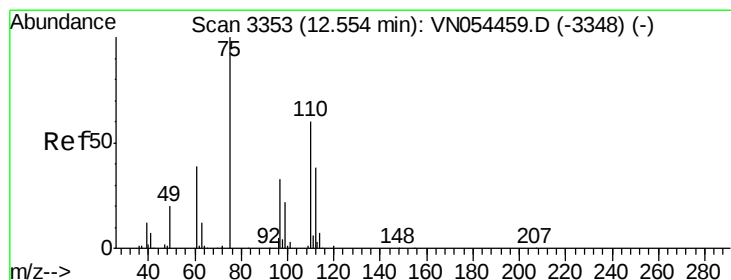
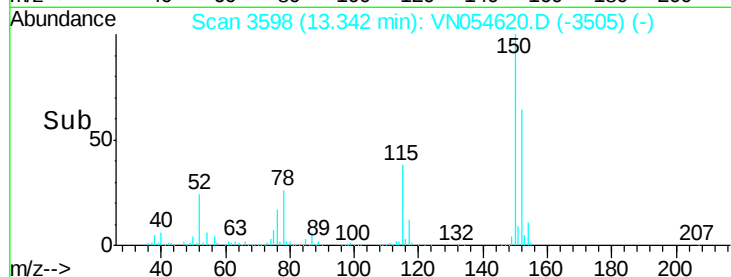
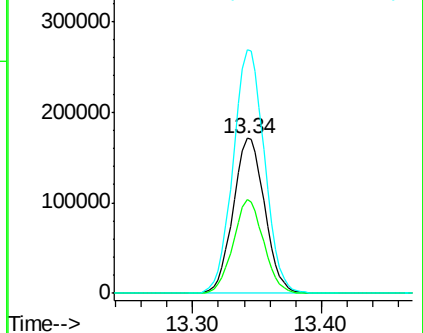
150 156.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 36.228 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054620.D

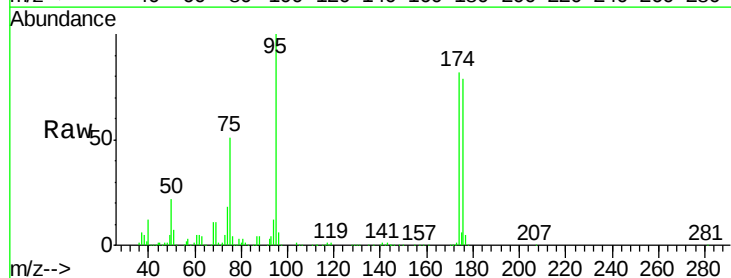
Acq: 23 Mar 2019 23:18

Tgt Ion: 75 Resp: 166876

Ion Ratio Lower Upper

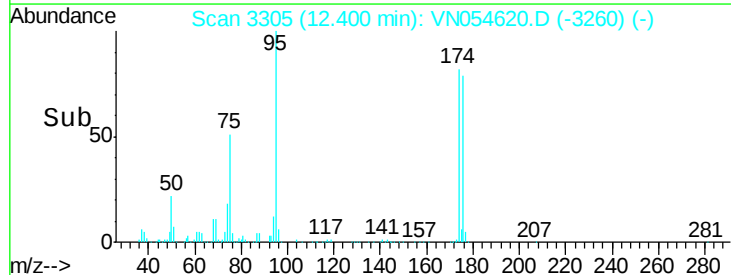
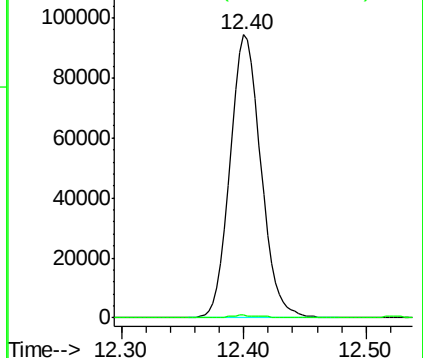
75 100

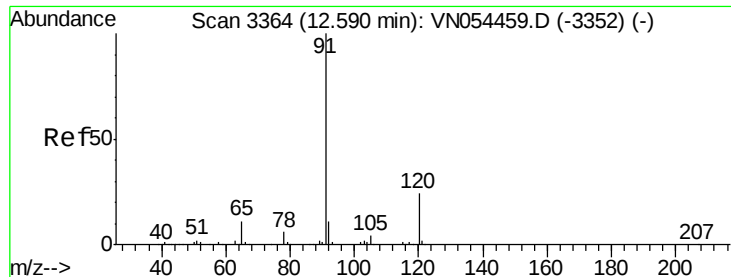
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.338 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

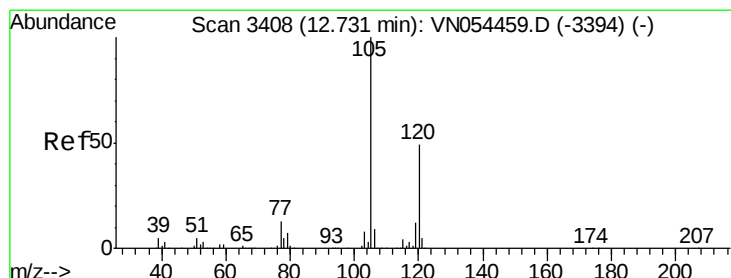
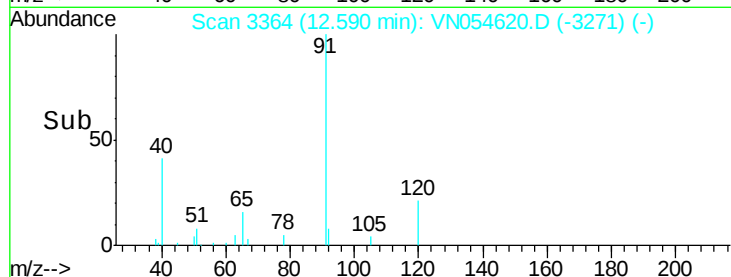
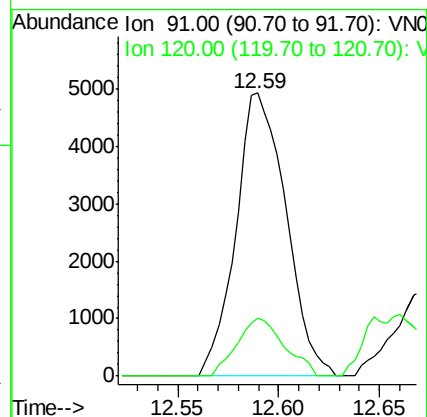
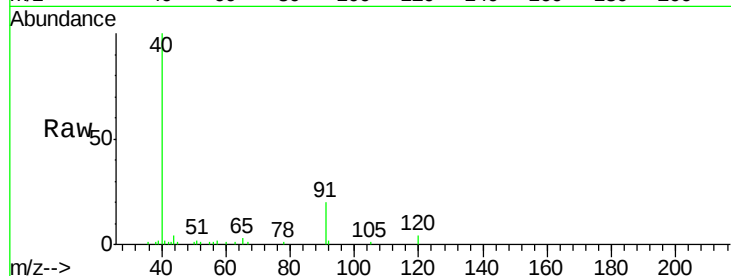
RCA-08ME

Tot Ion: 91 Resp: 8562

Ion Ratio Lower Upper

91 100

120 19.4 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 0.384 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054620.D

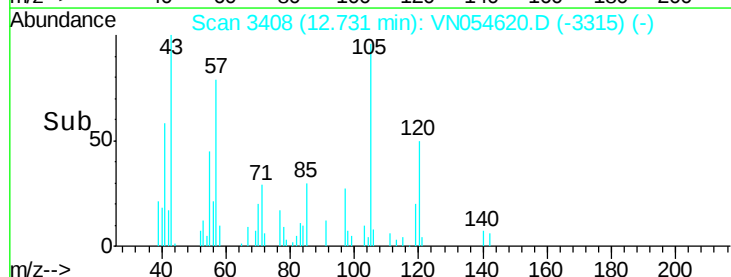
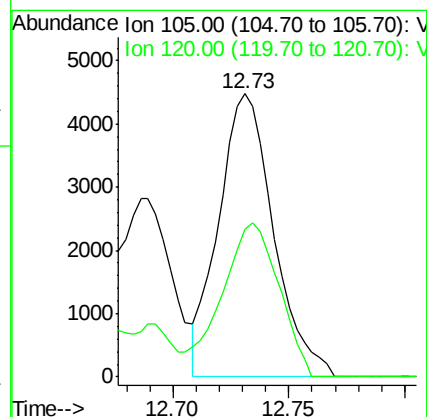
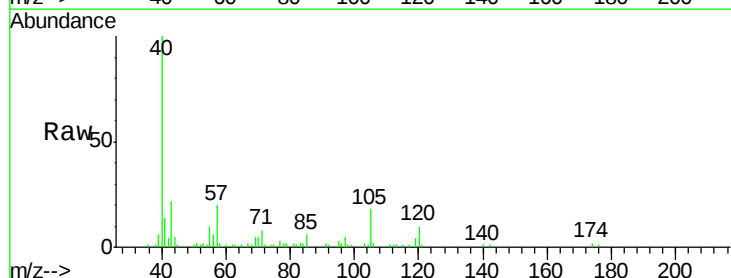
Acq: 23 Mar 2019 23:18

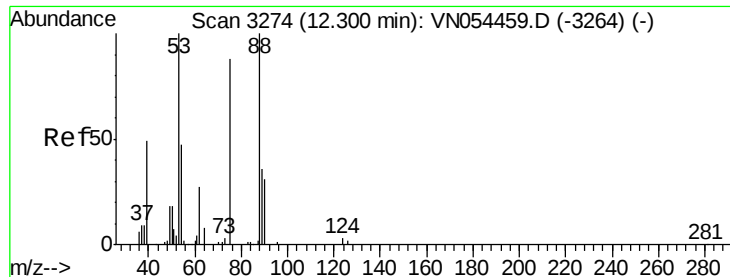
Tgt Ion: 105 Resp: 7363

Ion Ratio Lower Upper

105 100

120 56.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 120.141 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

RCA-08ME

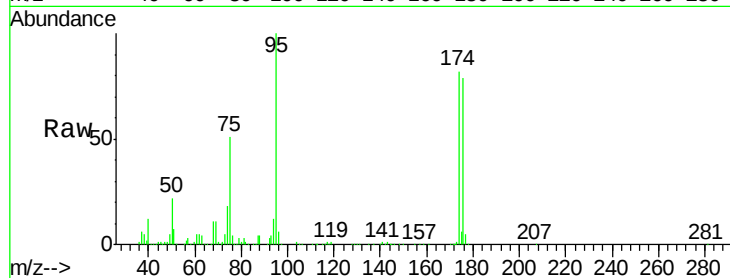
Tot Ion: 75 Resp: 166876

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

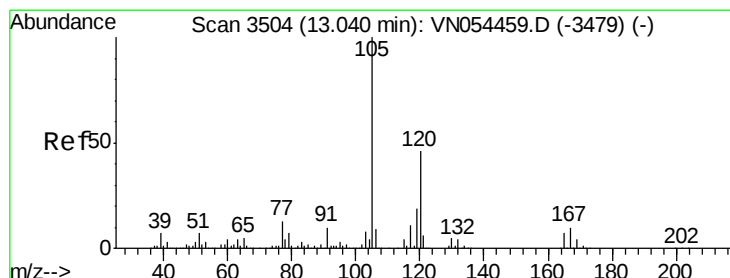
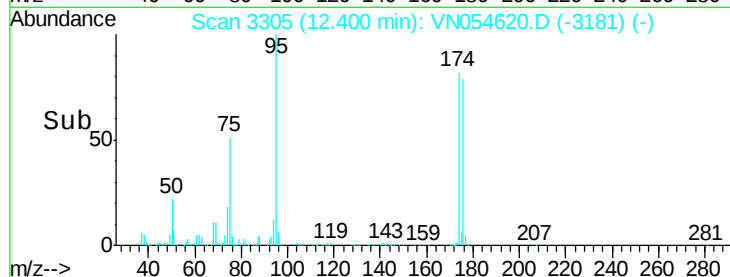
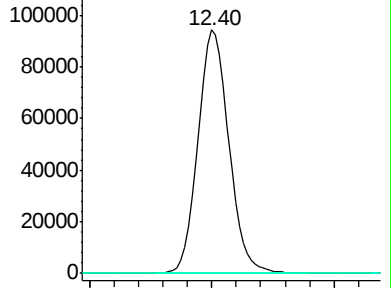
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054620.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN054620.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN054620.D (-3305) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.987 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054620.D

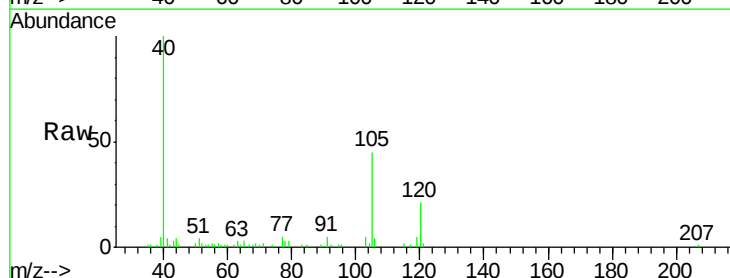
Acq: 23 Mar 2019 23:18

Tgt Ion: 105 Resp: 18562

Ion Ratio Lower Upper

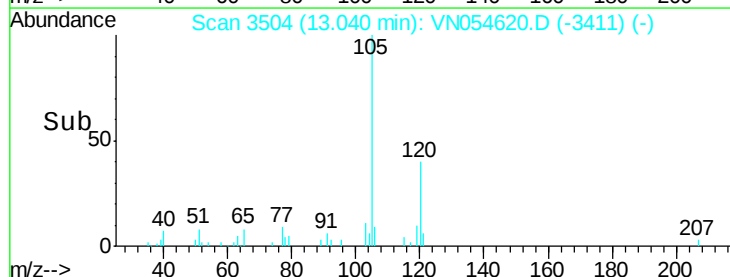
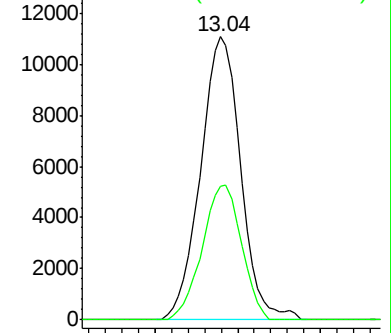
105 100

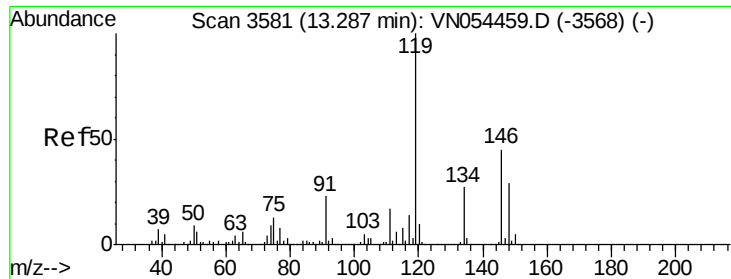
120 46.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054620.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054620.D (-3504) (-)

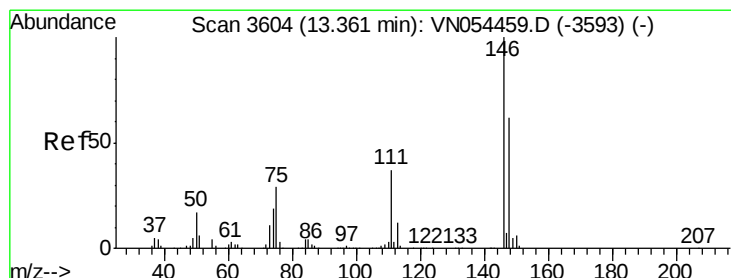
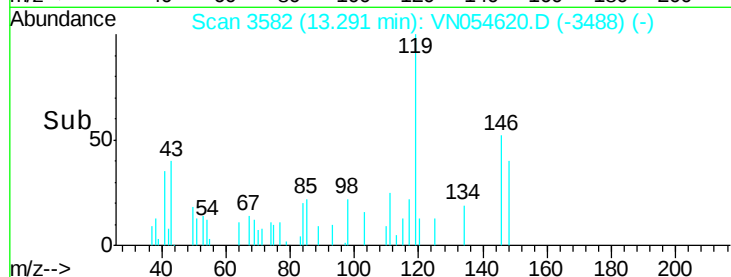
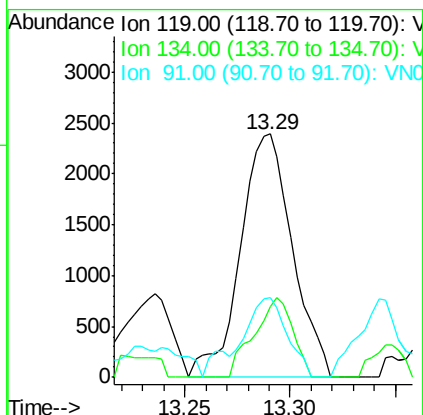
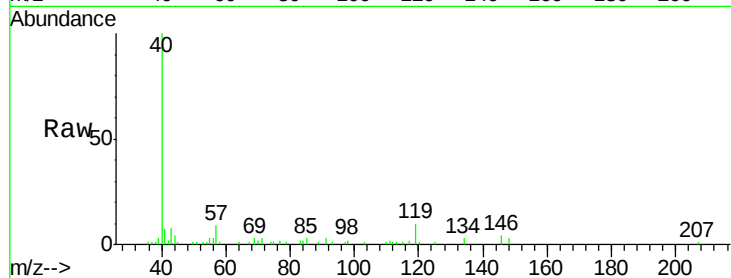




#86
 p-Isopropyltoluene
 Concen: 0.220 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

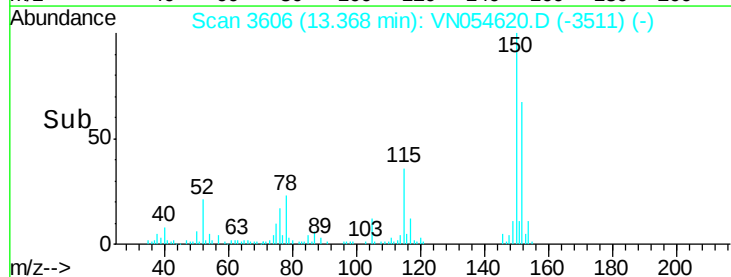
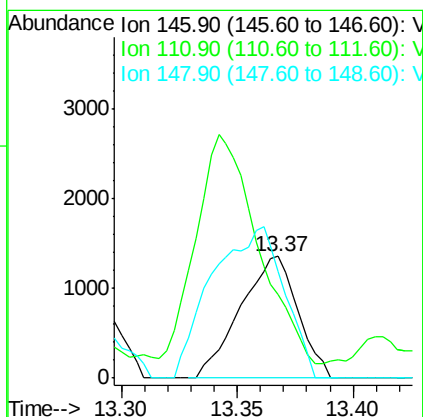
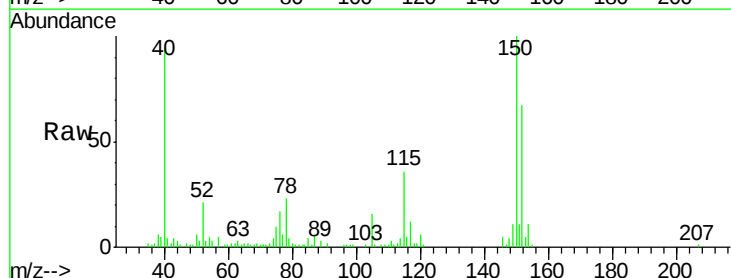
Instrument :
 MSVOA_N
 ClientSampleId :
 RCA-08ME

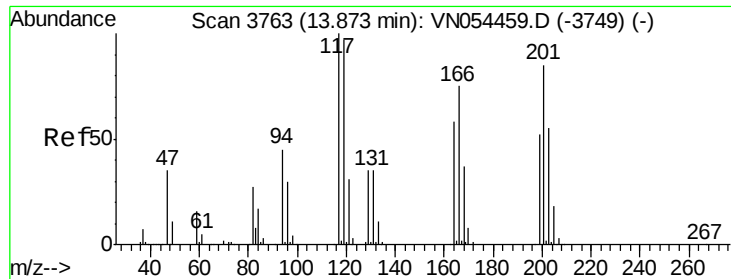
Tot Ion:119 Resp: 4103
 Ion Ratio Lower Upper
 119 100
 134 24.3 13.6 40.8
 91 29.6 11.1 33.3



#88
 1,4-Dichlorobenzene
 Concen: 0.250 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.01 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

Tgt Ion:146 Resp: 2335
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.1 54.1#
 148 156.4 32.0 96.0#





#90

Hexachloroethane

Concen: 0.454 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

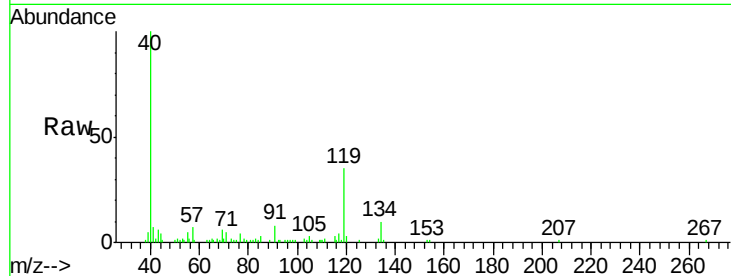
RCA-08ME

Tot Ion:117 Resp: 1312

Ion Ratio Lower Upper

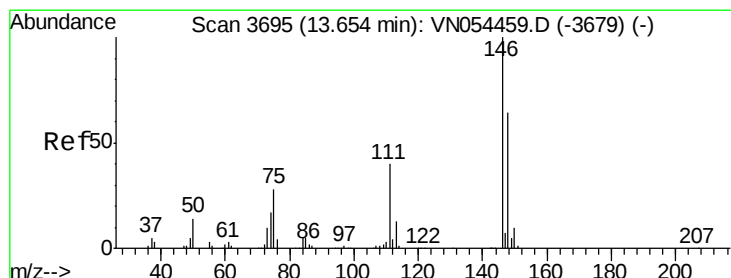
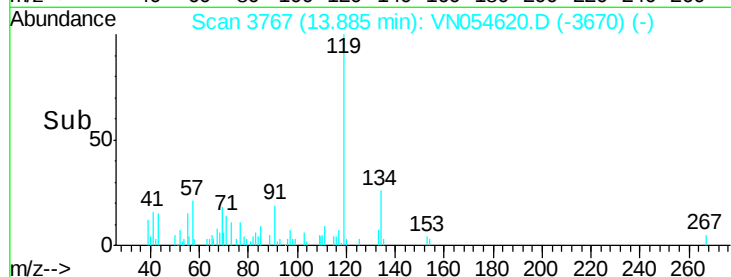
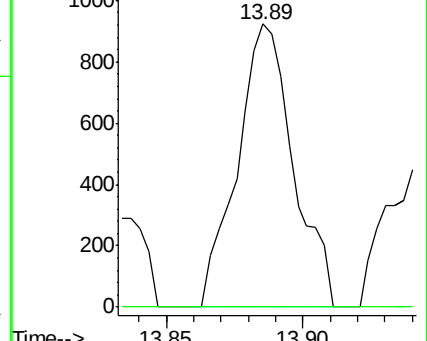
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.207 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

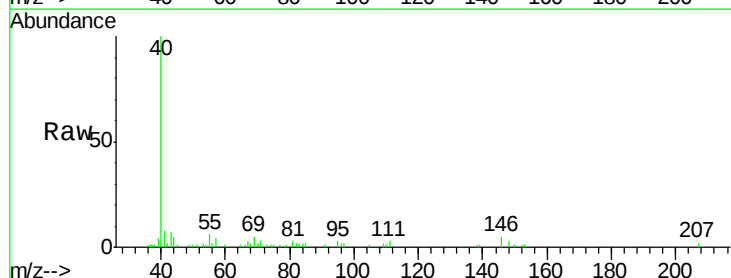
Tgt Ion:146 Resp: 1932

Ion Ratio Lower Upper

146 100

111 86.4 19.1 57.3#

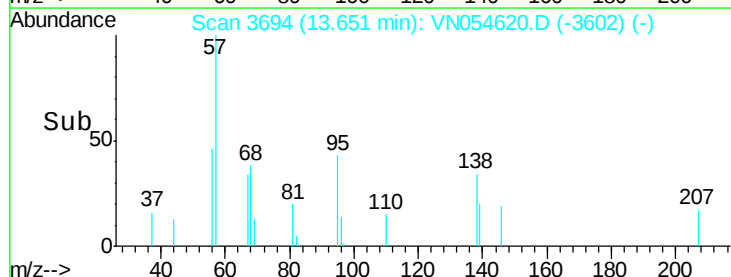
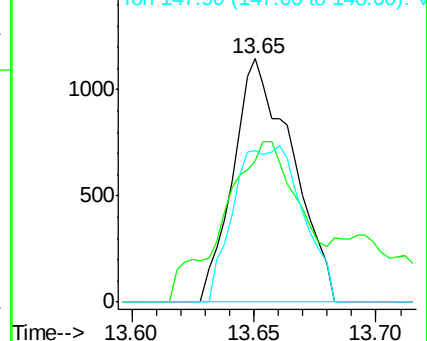
148 74.4 32.4 97.0

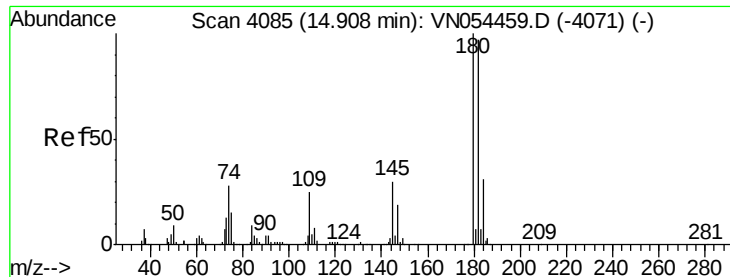


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

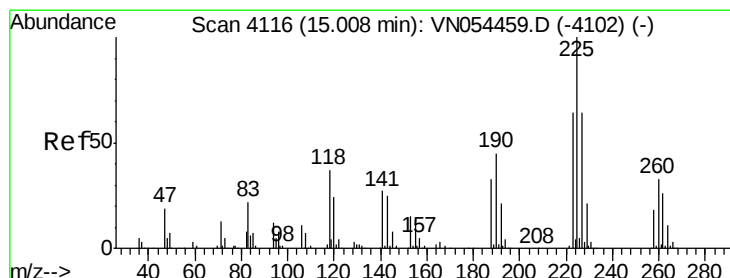
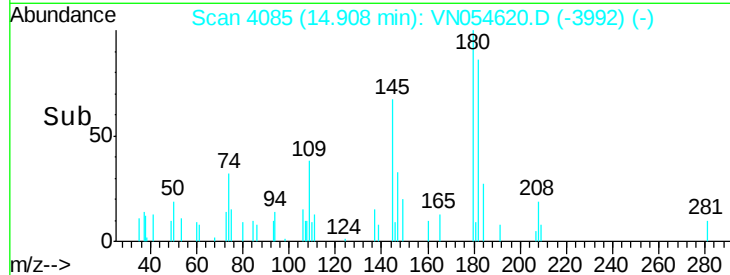
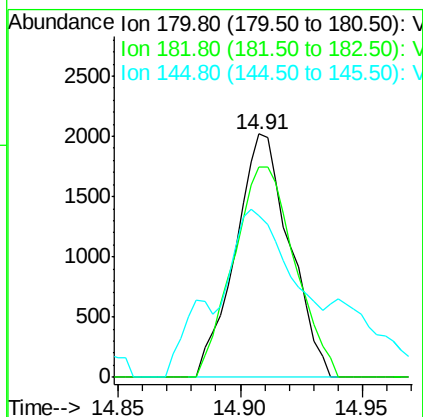
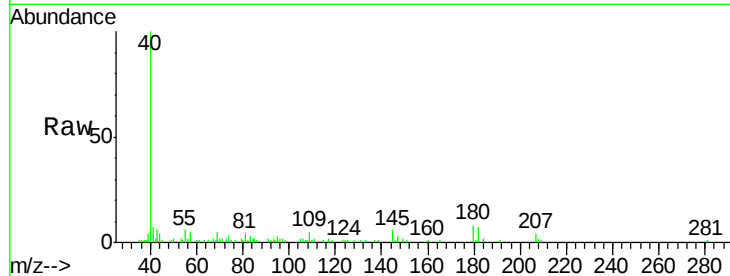




#93
 1,2,4-Trichlorobenzene
 Concen: 0.671 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

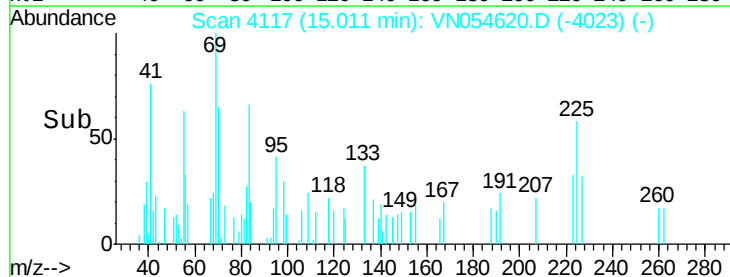
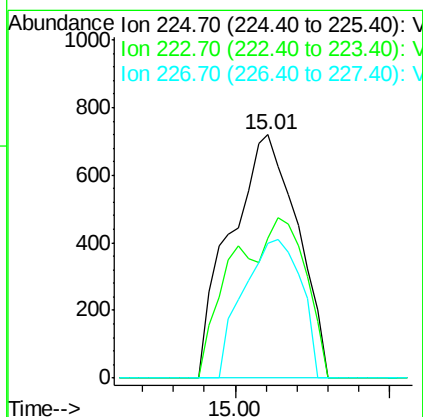
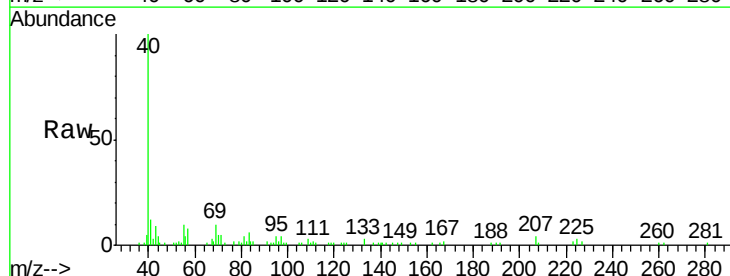
Instrument :
 MSVOA_N
 ClientSampled :
 RCA-08ME

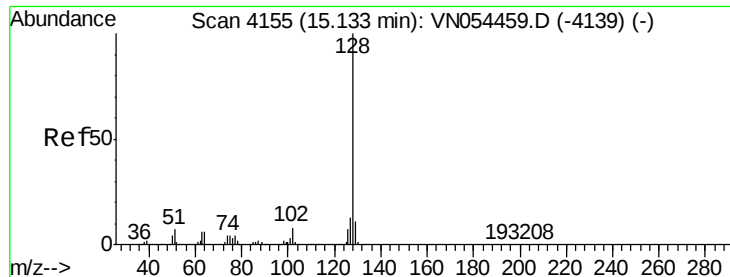
Tot Ion:180 Resp: 3116
 Ion Ratio Lower Upper
 180 100
 182 97.8 48.0 144.2
 145 46.1 14.2 42.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054620.D
 Acq: 23 Mar 2019 23:18

Tgt Ion:225 Resp: 1085
 Ion Ratio Lower Upper
 225 100
 223 39.2 31.1 93.5
 227 48.9 31.9 95.9





#95

Naphthalene

Concen: 8.917 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

RCA-08ME

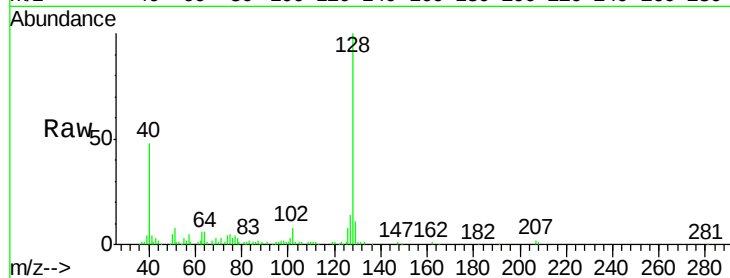
Tot Ion:128 Resp: 92329

Ion Ratio Lower Upper

128 100

127 14.1 10.1 15.1

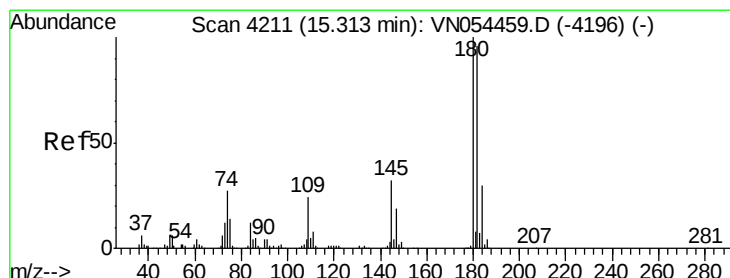
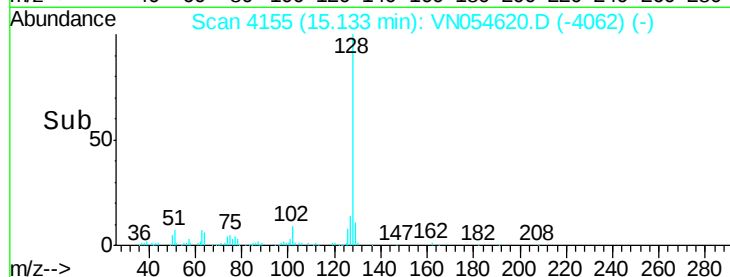
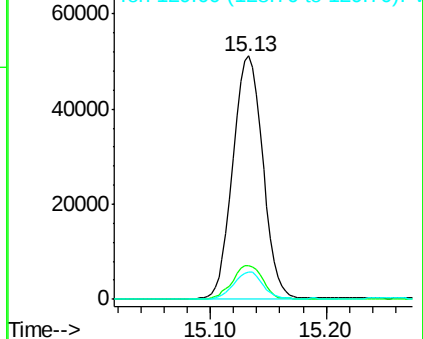
129 11.1 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.961 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054620.D

Acq: 23 Mar 2019 23:18

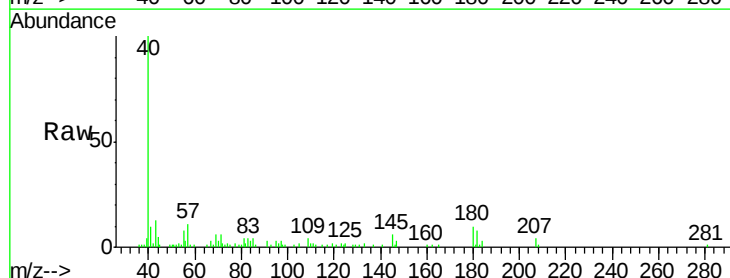
Tgt Ion:180 Resp: 4439

Ion Ratio Lower Upper

180 100

182 84.4 47.5 142.6

145 69.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

