

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032419\
 Data File : VN054641.D
 Acq On : 24 Mar 2019 12:10
 Operator : JC/SP
 Sample : K2047-01
 Misc : 6.05µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 06:10:48 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

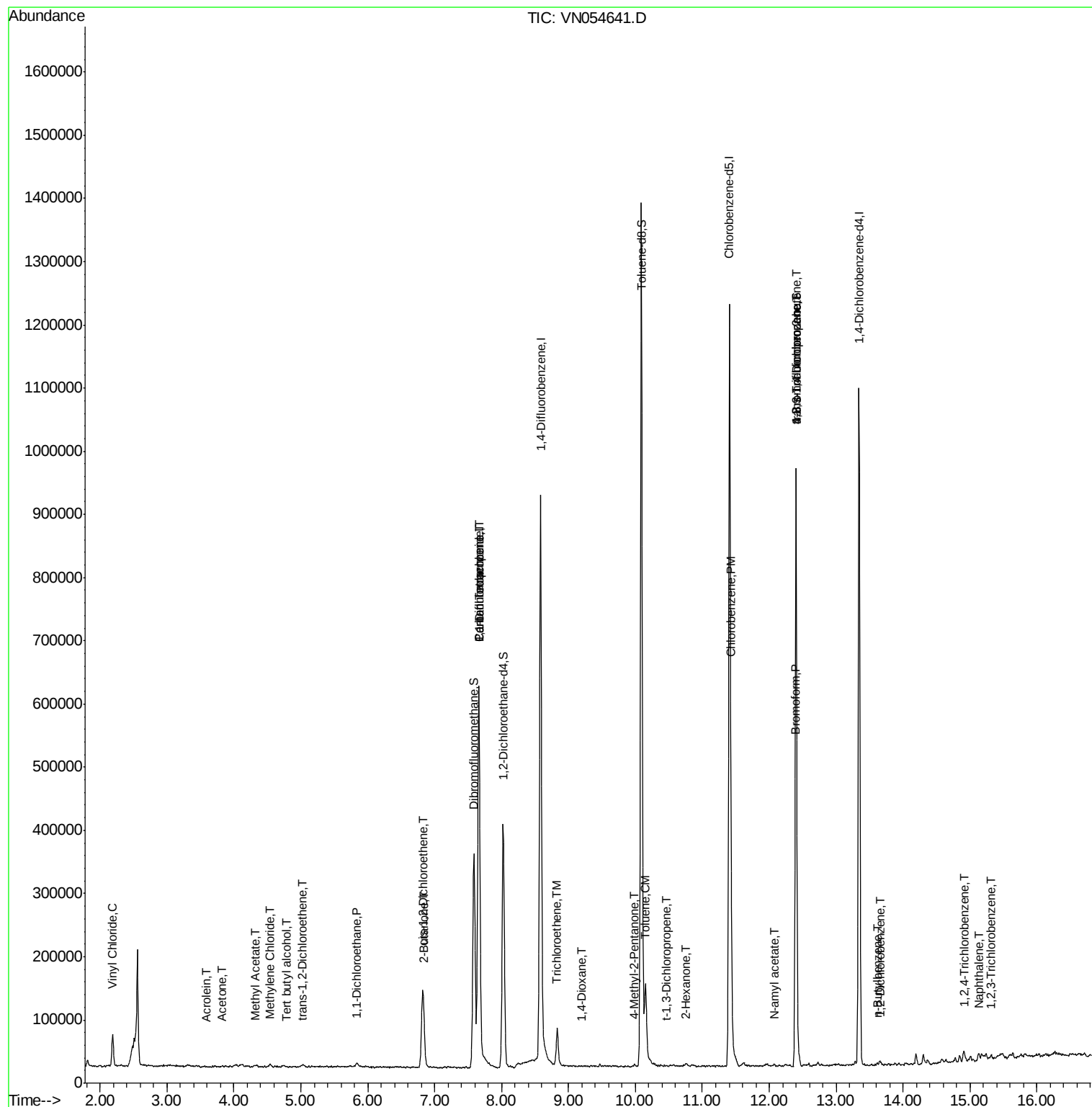
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	517547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	828213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	330171	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.59	113	252104	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	10.09	98	998560	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	325844	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	49061	7.259	ug/l	100
11) Tert butyl alcohol	4.78	59	240	0.616	ug/l #	70
13) Acrolein	3.60	56	429	0.798	ug/l	91
16) Acetone	3.83	43	1577	0.815	ug/l	97
18) Methyl Acetate	4.32	43	2758	0.639	ug/l #	86
20) Methylene Chloride	4.53	84	2047	0.359	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	2434	0.478	ug/l	91
24) 1,1-Dichloroethane	5.84	63	8970	0.898	ug/l #	95
25) 2-Butanone	6.85	43	895	0.361	ug/l #	52
27) cis-1,2-Dichloroethene	6.82	96	78704	12.945	ug/l	98
31) Cyclohexane	7.66	56	11408	Below Cal	#	25
36) 1,1-Dichloropropene	7.66	75	39359	5.083	ug/l #	48
38) Carbon Tetrachloride	7.66	117	49943	6.637	ug/l #	16
44) Trichloroethene	8.83	130	20872	3.390	ug/l	82
49) 1,4-Dioxane	9.21	88	110	1.949	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2078	0.403	ug/l #	85
52) Toluene	10.15	92	41566	3.052	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67	2.240	ug/l #	1
59) 2-Hexanone	10.76	43	3336	0.991	ug/l	87
65) Chlorobenzene	11.43	112	92364	6.314	ug/l	95
71) Bromoform	12.38	173	101	2.247	ug/l #	28
74) N-amyl acetate	12.08	43	1553	0.231	ug/l #	90
76) 1,2,3-Trichloropropane	12.40	75	169119	36.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	169119	121.604	ug/l #	11
89) n-Butylbenzene	13.61	91	3082	0.212	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	2094	0.225	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	2980	0.641	ug/l	94
94) Hexachlorobutadiene	15.01	225	948	Below Cal		77
95) Naphthalene	15.13	128	7037	0.679	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	3336	0.721	ug/l	79

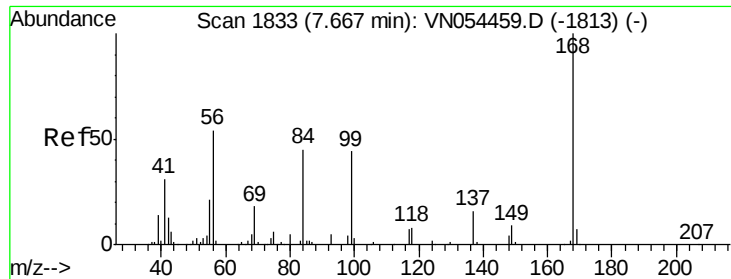
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

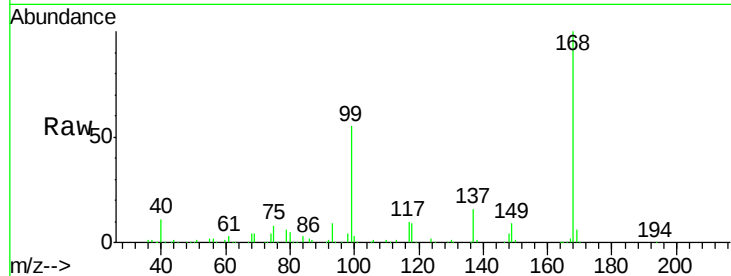
ClientSampled :

Tot Ion:168 Resp: 517547

Ion Ratio Lower Upper

168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

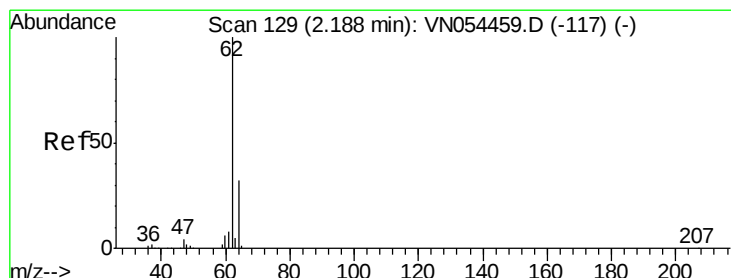
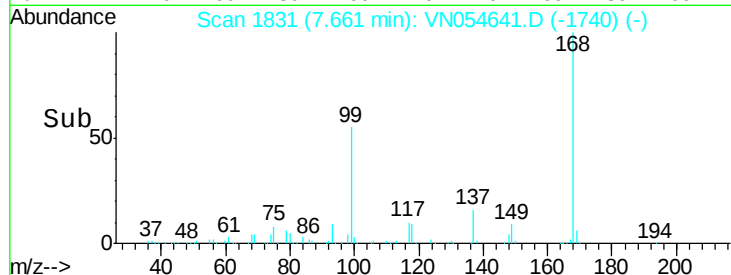
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 7.259 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054641.D

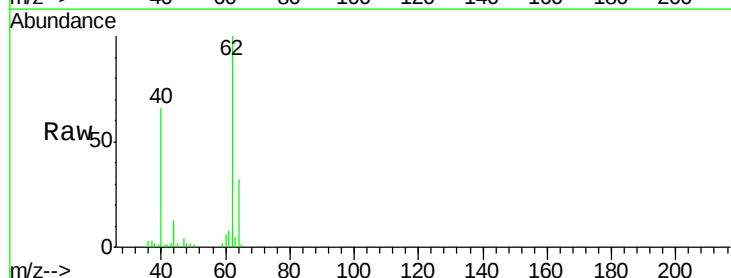
Acq: 24 Mar 2019 12:10

Tgt Ion: 62 Resp: 49061

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

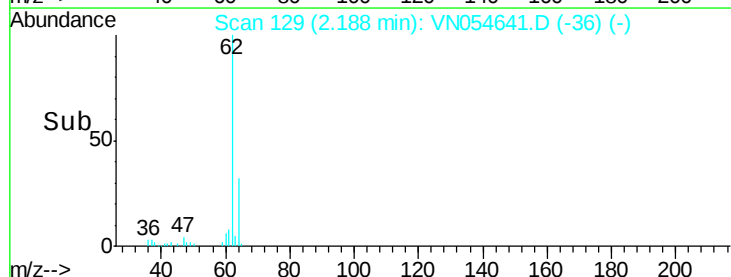
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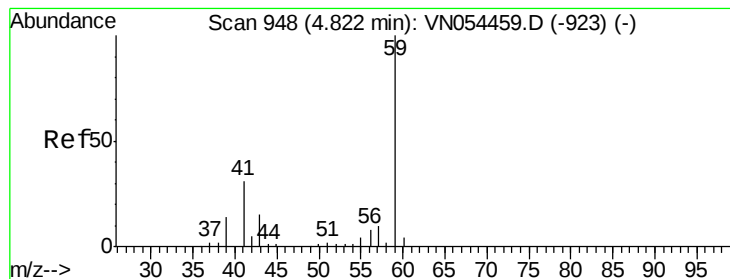
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Time-->



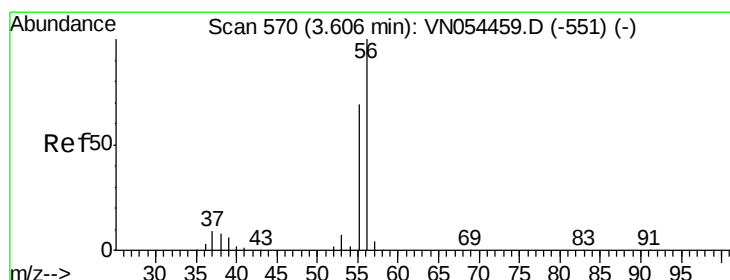
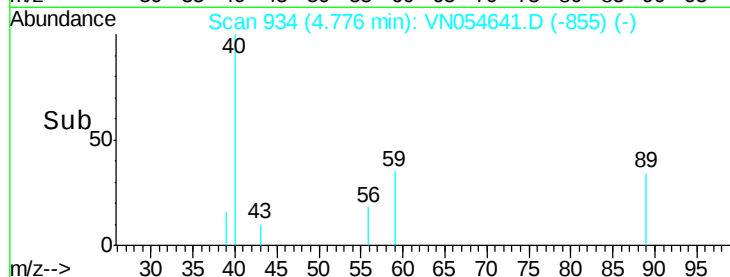
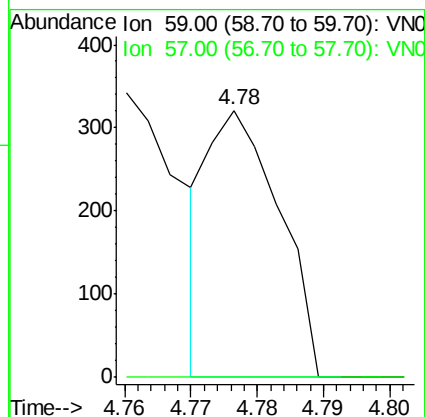
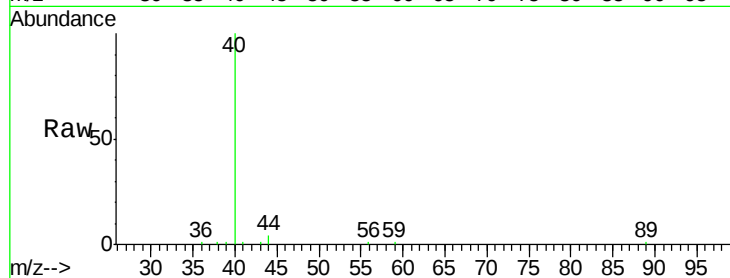


#11

Tert butyl alcohol
Concen: 0.616 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.04 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

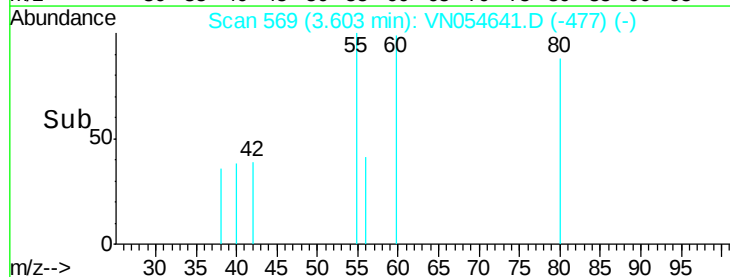
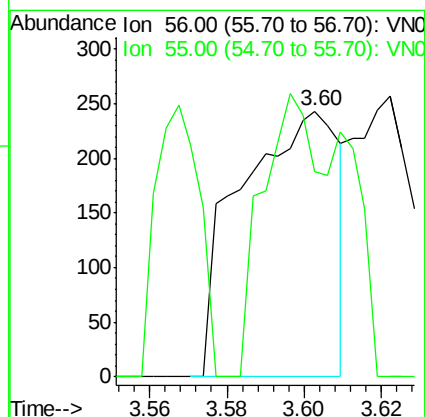
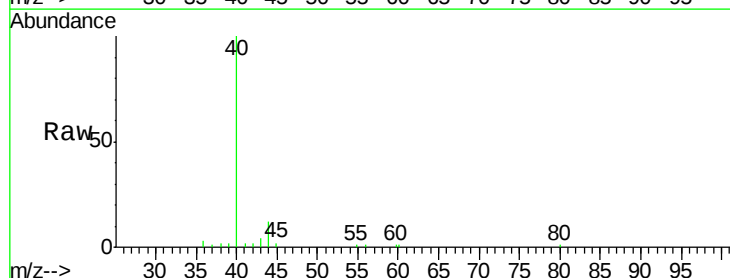
Tot Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

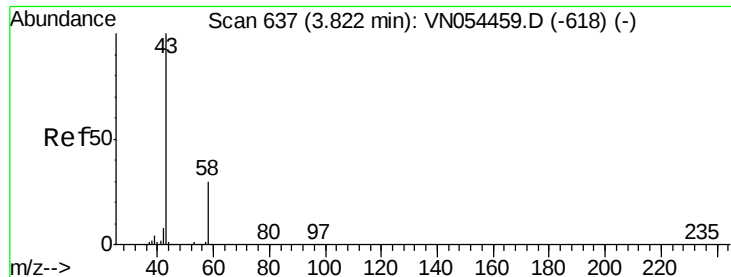


#13

Acrolein
Concen: 0.798 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
55 63.9 56.7 85.1

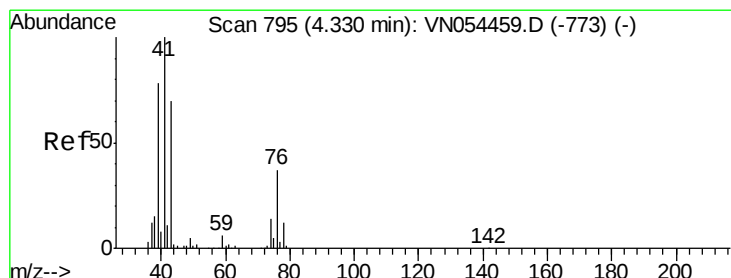
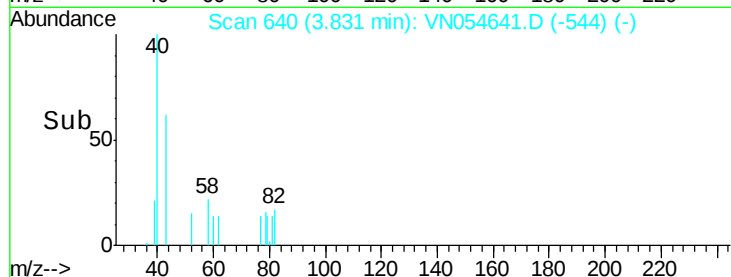
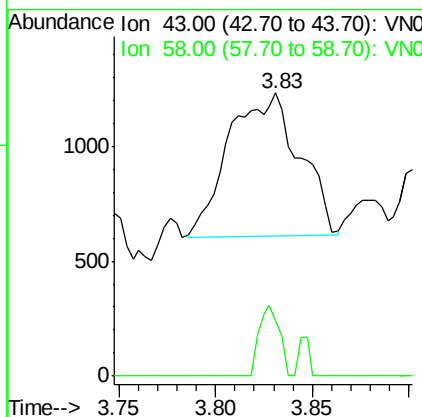
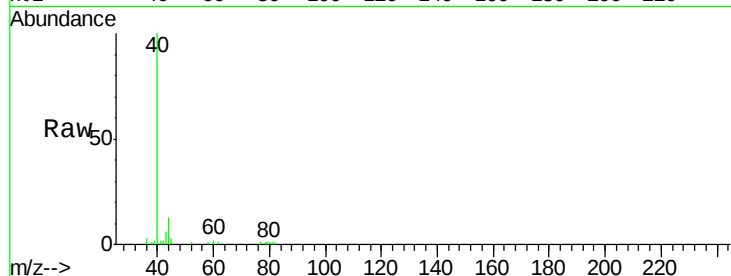




#16
Acetone
Concen: 0.815 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

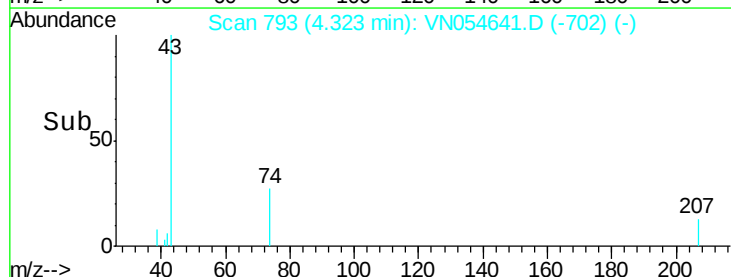
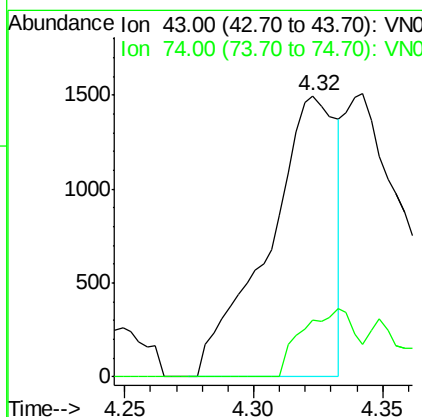
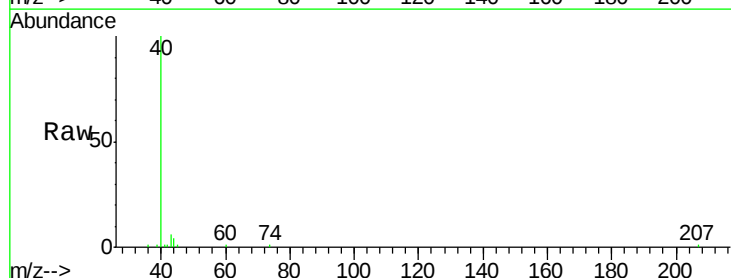
Instrument :
MSVOA_N
ClientSampled :

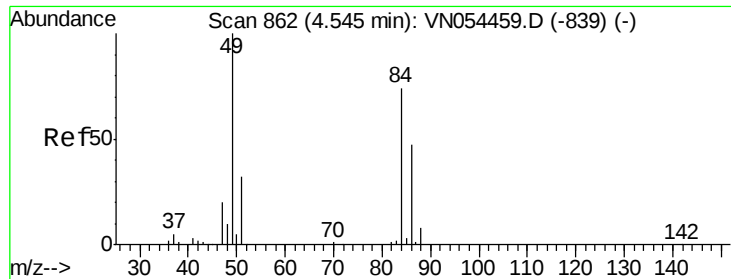
Tot Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 39.3 29.9 44.9



#18
Methyl Acetate
Concen: 0.639 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
74 18.7 20.8 31.2#

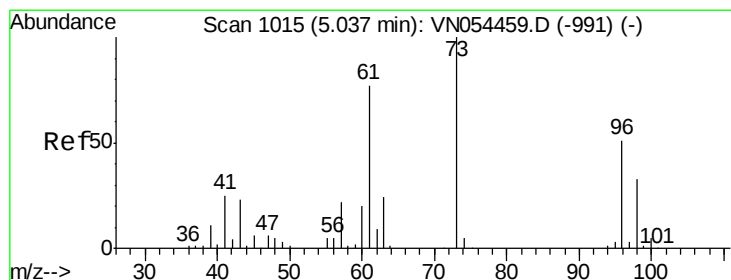
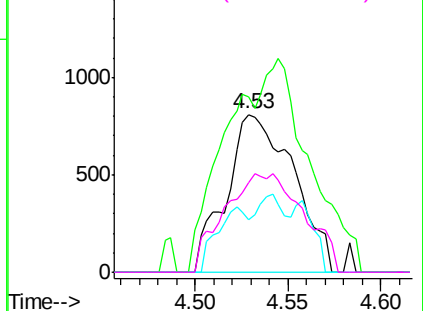
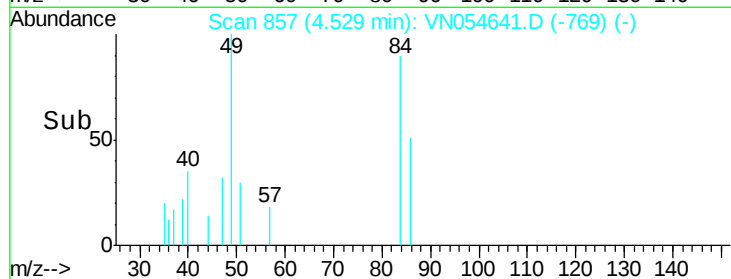
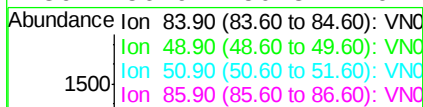
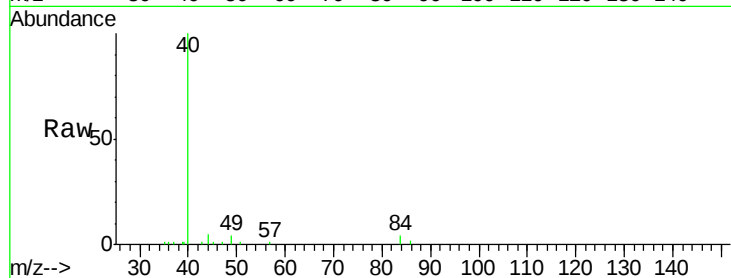




#20
Methvlene Chloride
Concen: 0.359 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.02 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

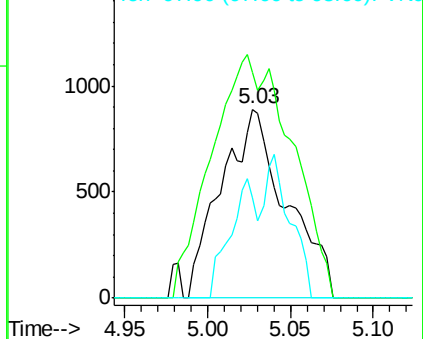
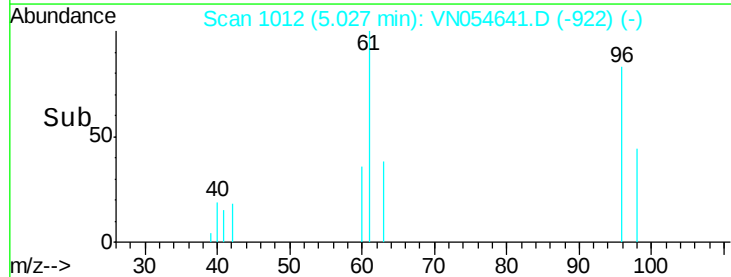
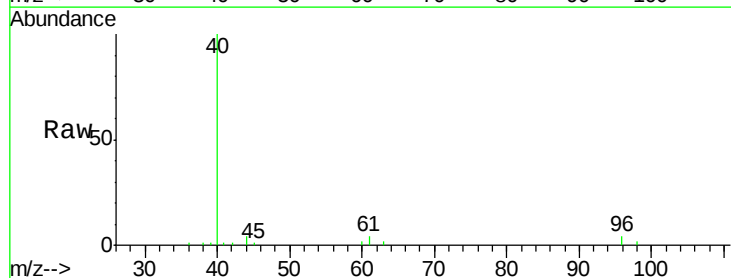
Instrument :
MSVOA_N
ClientSampleId :

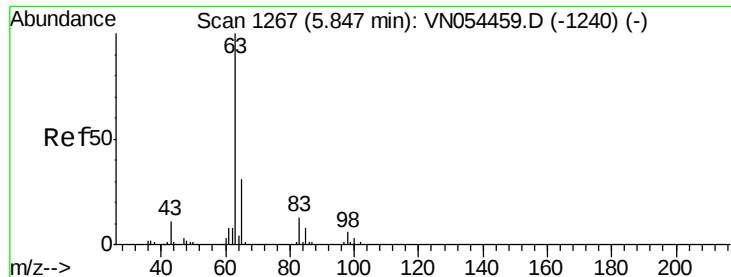
Tot Ion:	84	Resp:	2047
Ion	Ratio	Lower	Upper
84	100		
49	111.4	89.7	134.5
51	33.4	28.2	42.4
86	56.9	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: 0.478 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion:	96	Resp:	2434
Ion	Ratio	Lower	Upper
96	100		
61	119.8	102.8	154.2
98	52.8	50.0	75.0





#24

1,1-Dichloroethane

Concen: 0.898 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 8970

Ion Ratio Lower Upper

63 100

98 6.5

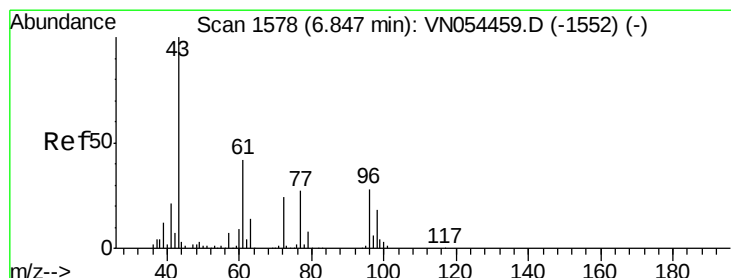
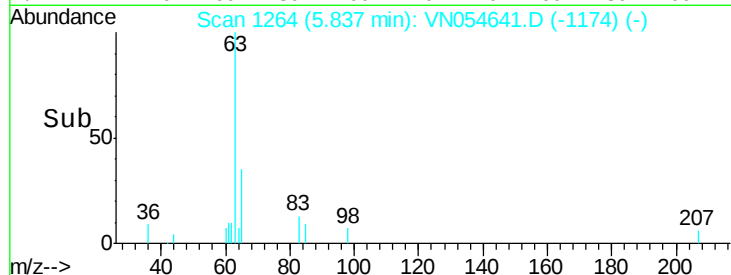
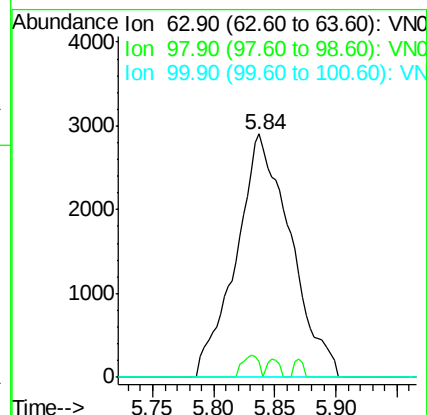
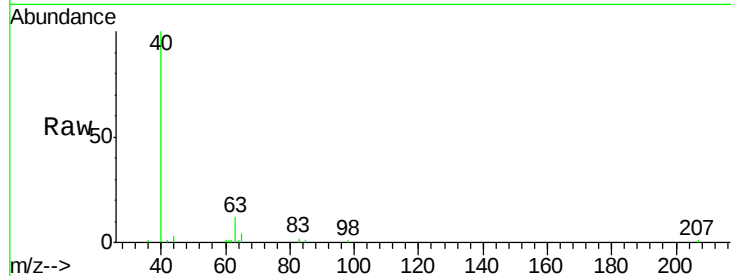
3.5

10.5

100 0.0

2.0

6.0#



#25

2-Butanone

Concen: 0.361 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Tgt Ion: 43 Resp: 895

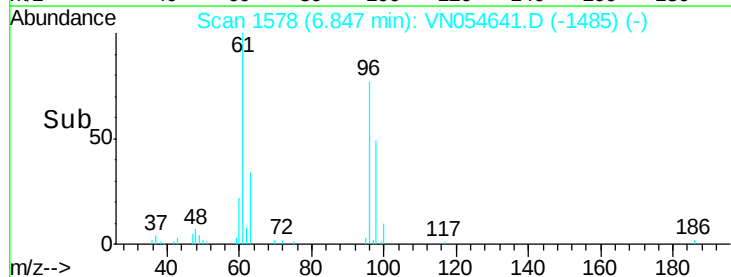
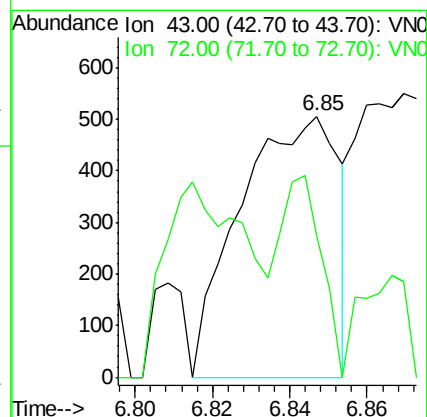
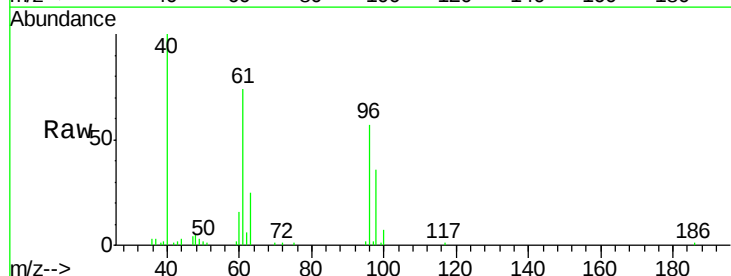
Ion Ratio Lower Upper

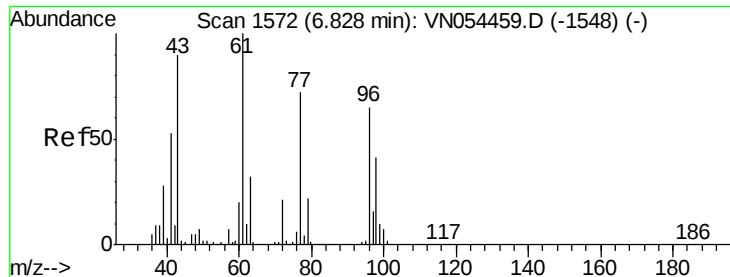
43 100

72 54.3

23.0

34.6#





#27

cis-1,2-Dichloroethene

Concen: 12.945 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

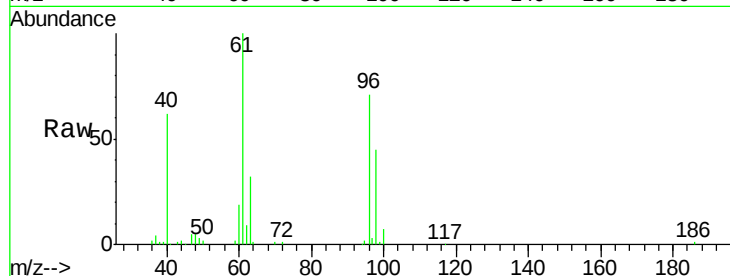
Tot Ion: 96 Resp: 78704

Ion Ratio Lower Upper

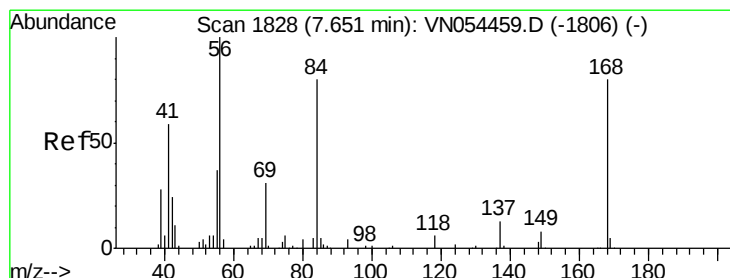
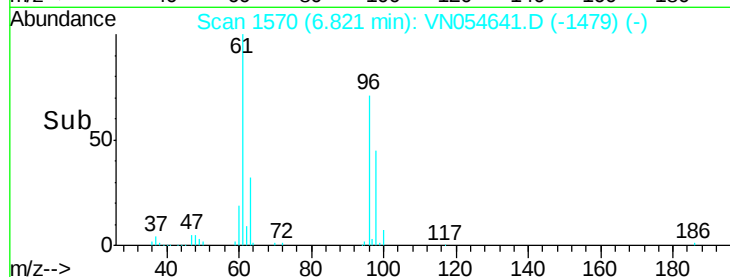
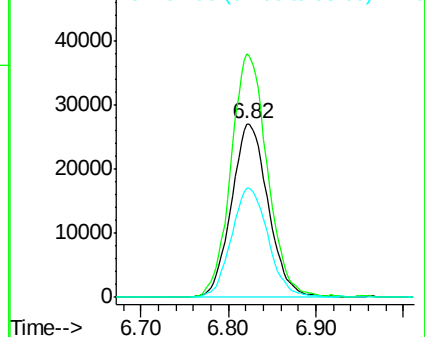
96 100

61 139.1 0.0 273.0

98 63.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

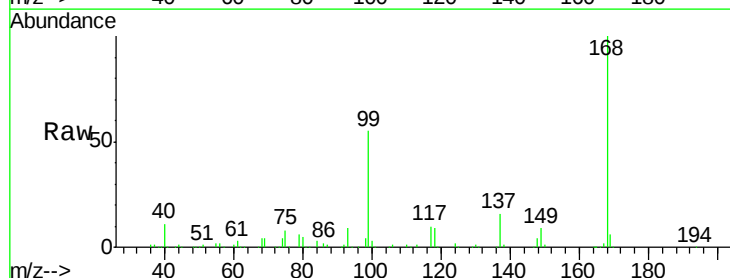
Tgt Ion: 56 Resp: 11408

Ion Ratio Lower Upper

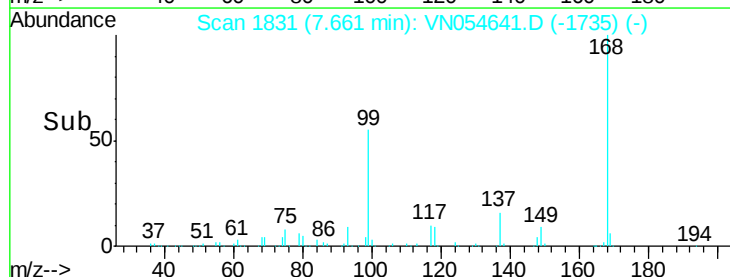
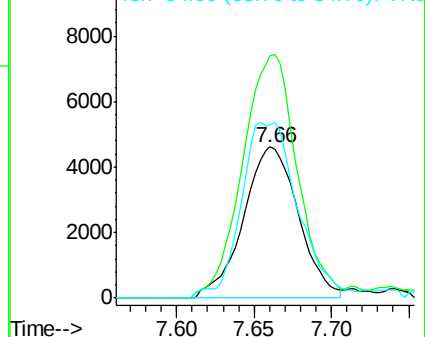
56 100

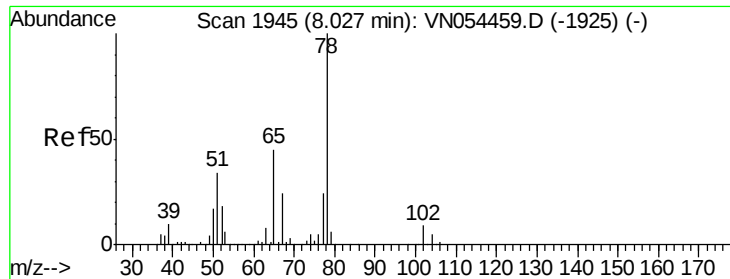
69 160.0 27.8 41.6#

84 114.6 74.6 111.8#



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

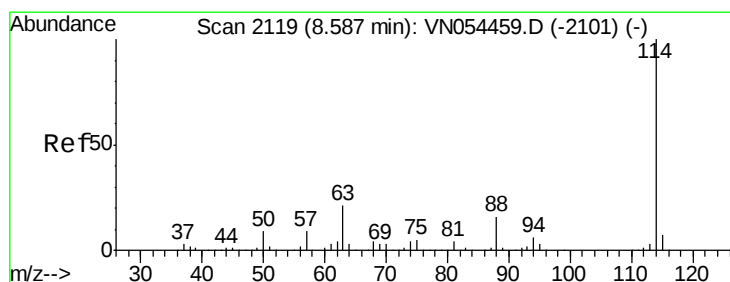
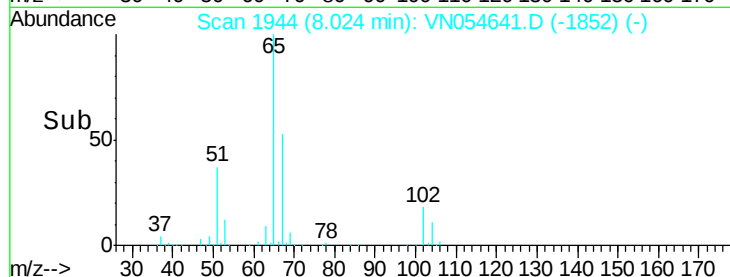
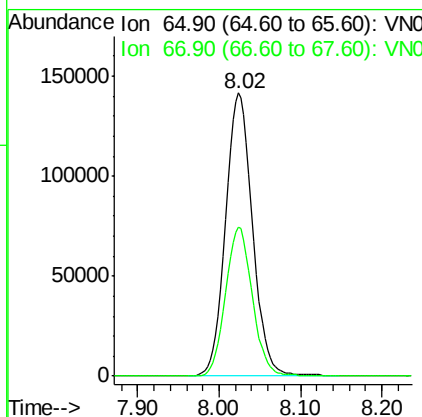
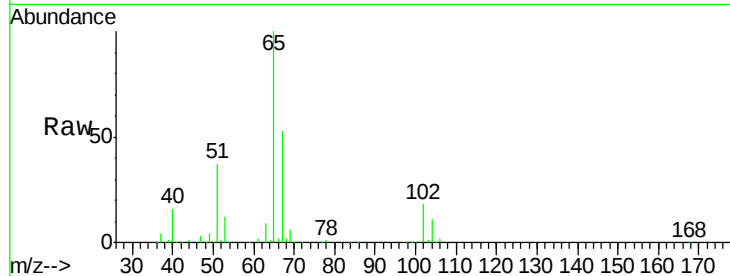




#33
 1,2-Dichloroethane-d4
 Concen: 51.289 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

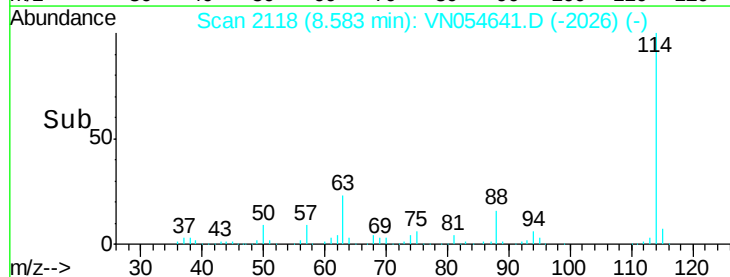
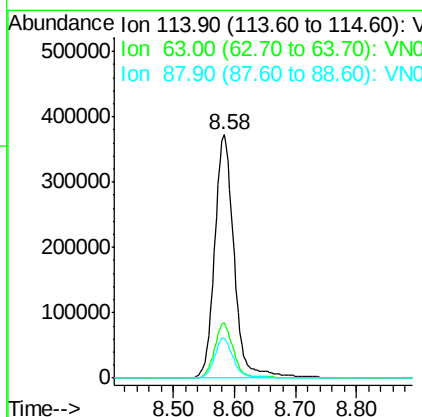
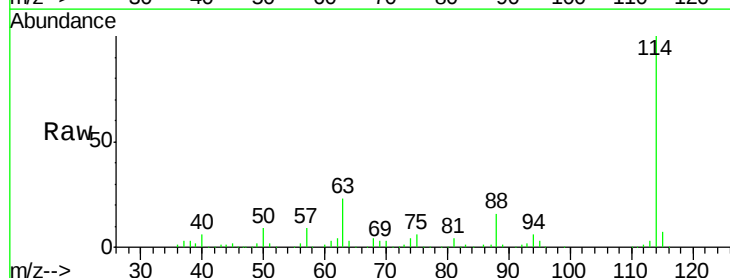
Instrument :
 MSVOA_N
 ClientSampleId :

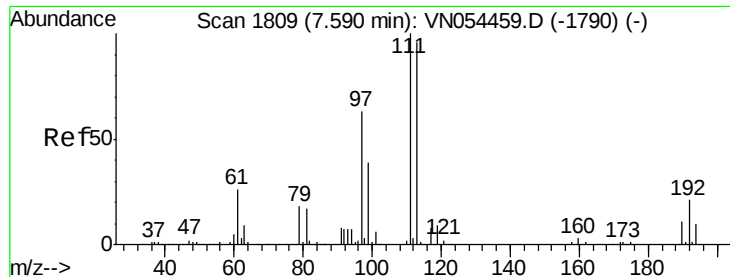
Tot Ion: 65 Resp: 330171
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

Tgt Ion: 114 Resp: 828213
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 16.2 0.0 30.2

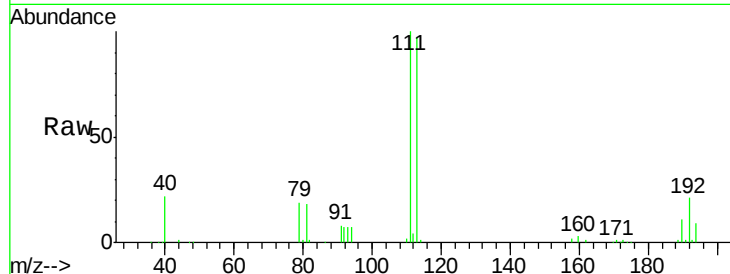




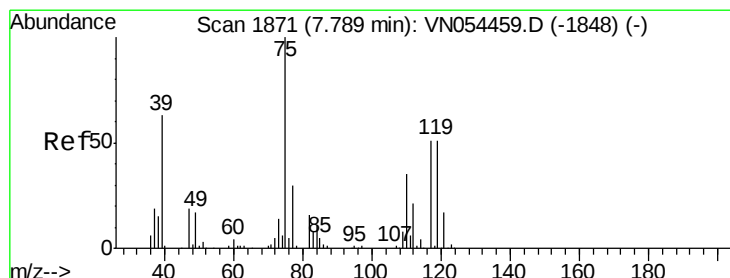
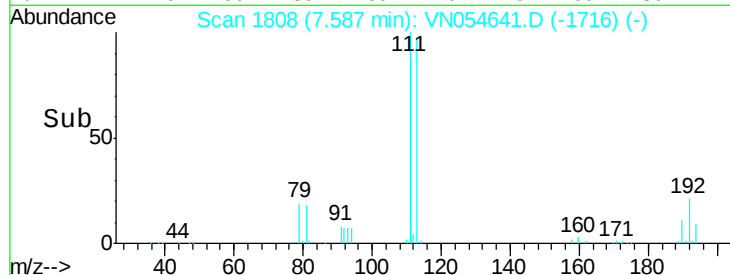
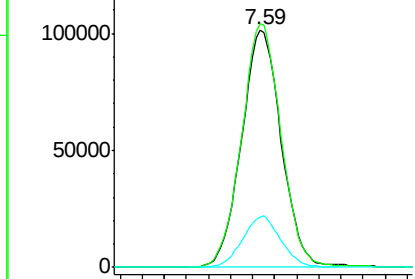
#35
 Dibromofluoromethane
 Concen: 47.248 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	20.9	19.2	28.8

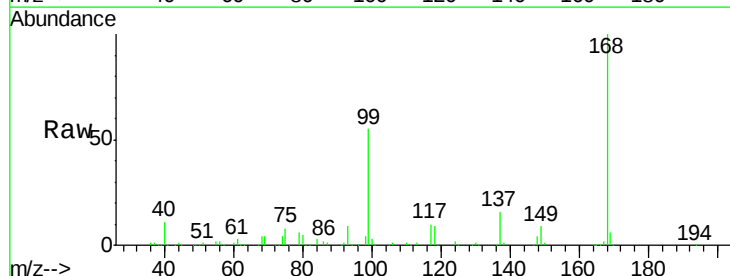


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

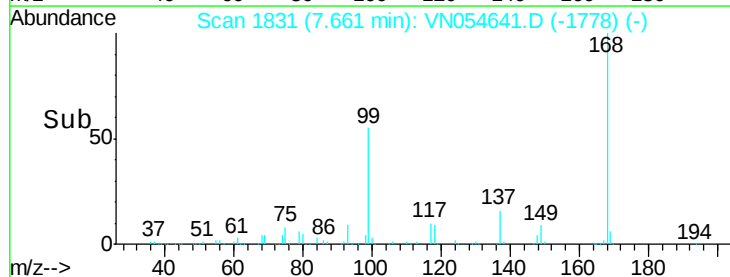
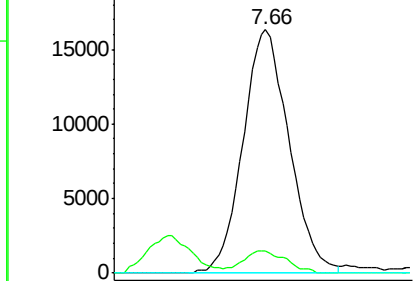


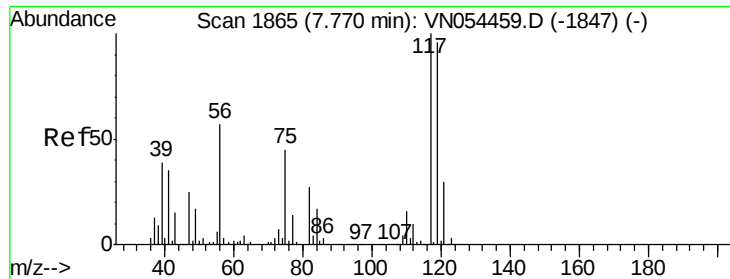
#36
 1,1-Dichloropropene
 Concen: 5.083 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.5#
77	0.0	25.0	37.4#



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





#38

Carbon Tetrachloride

Concen: 6.637 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

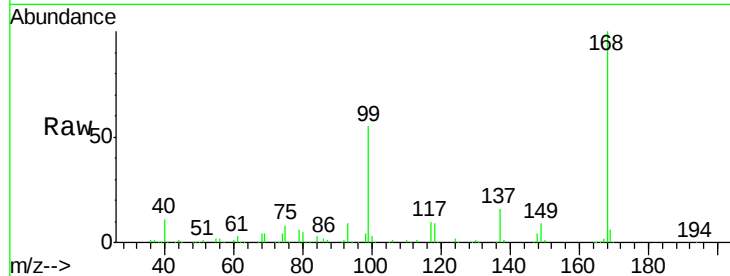
Tot Ion:117 Resp: 49943

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

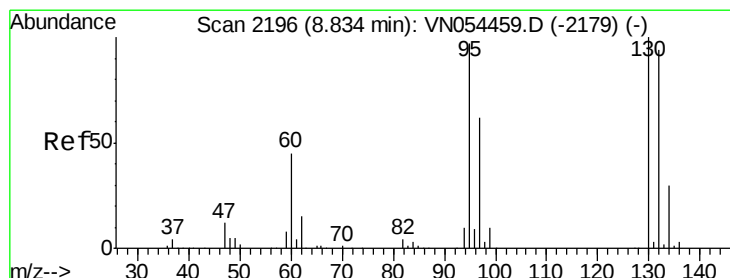
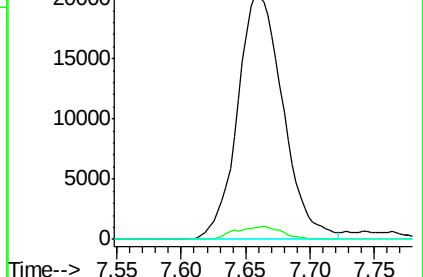
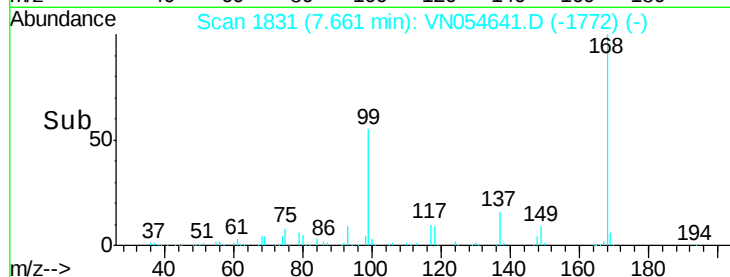
121 0.0 24.6 36.8#



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



#44

Trichloroethene

Concen: 3.390 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054641.D

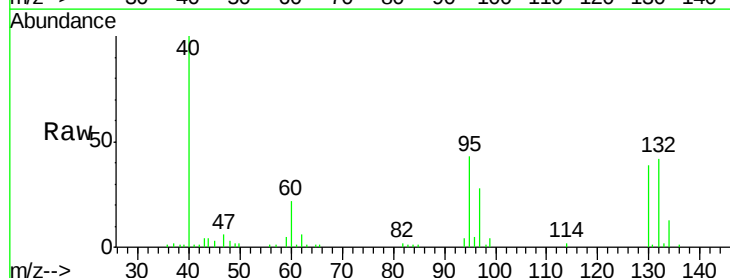
Acq: 24 Mar 2019 12:10

Tgt Ion:130 Resp: 20872

Ion Ratio Lower Upper

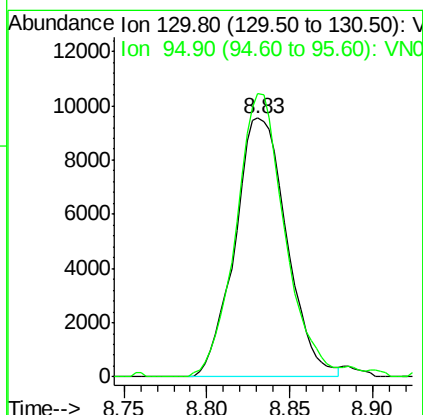
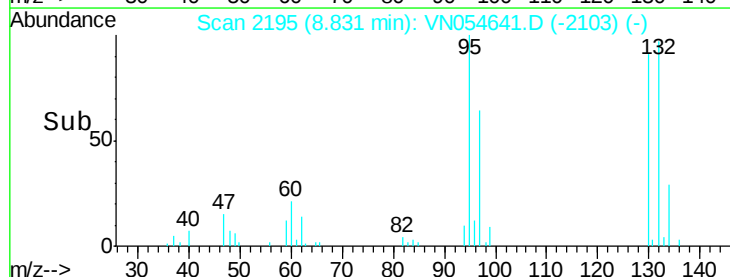
130 100

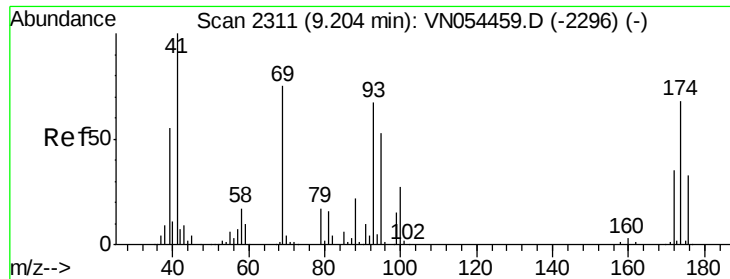
95 109.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 1.949 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

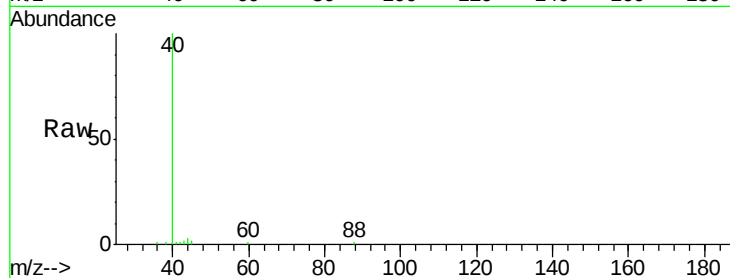
Tot Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 120.9 24.1 36.1#

58 0.0 50.8 76.2#

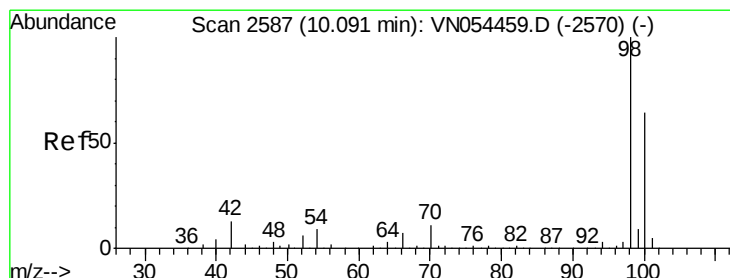
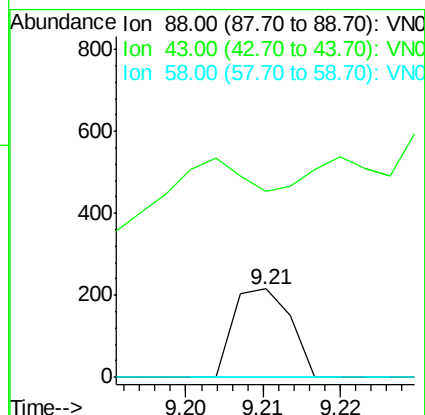
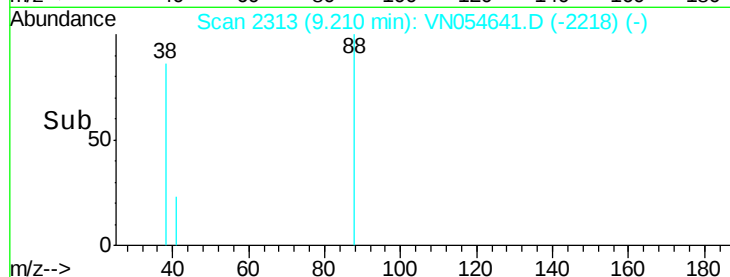


Abundance Ion 88.00 (87.70 to 88.70): VN054459.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN054459.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2296) (-)

Time-->



#50

Toluene-d8

Concen: 49.781 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054641.D

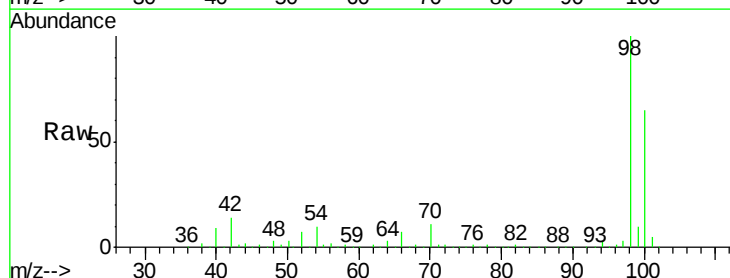
Acq: 24 Mar 2019 12:10

Tgt Ion: 98 Resp: 998560

Ion Ratio Lower Upper

98 100

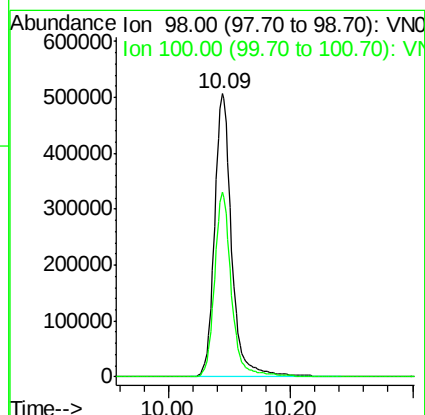
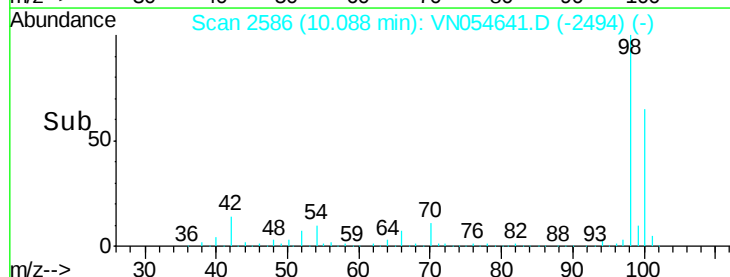
100 64.1 51.2 76.8

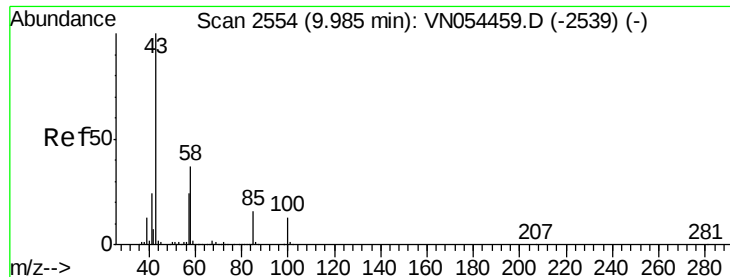


Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.403 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

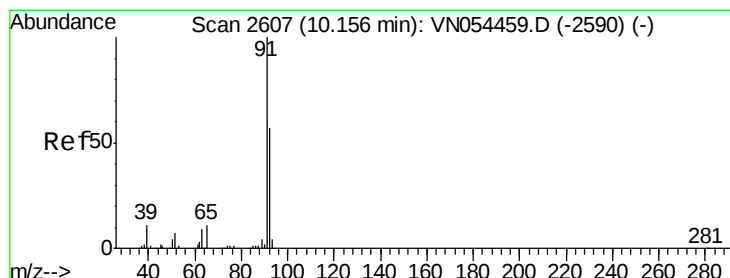
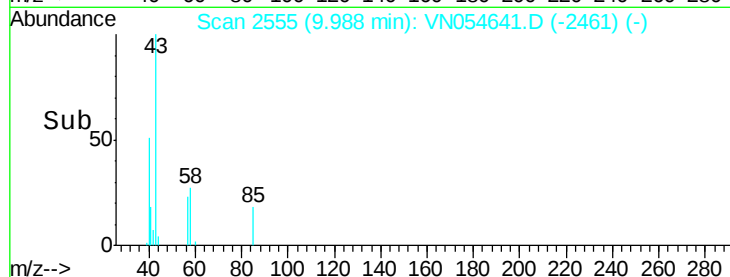
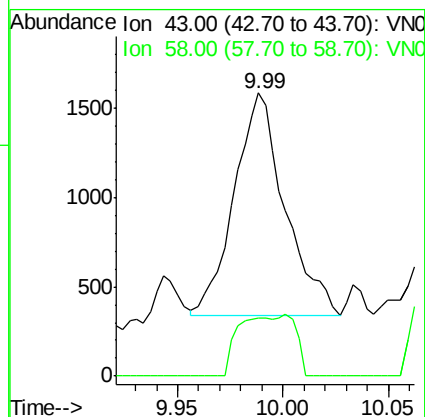
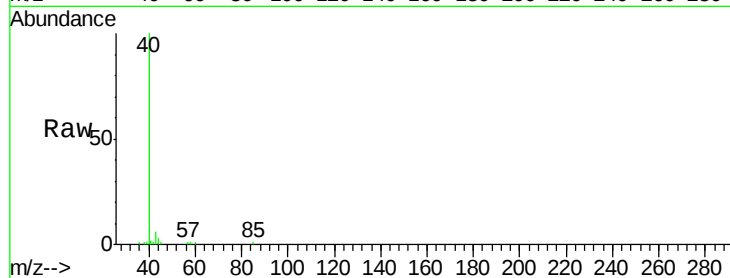
ClientSampled :

Tot Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

58 30.6 31.8 47.6#



#52

Toluene

Concen: 3.052 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054641.D

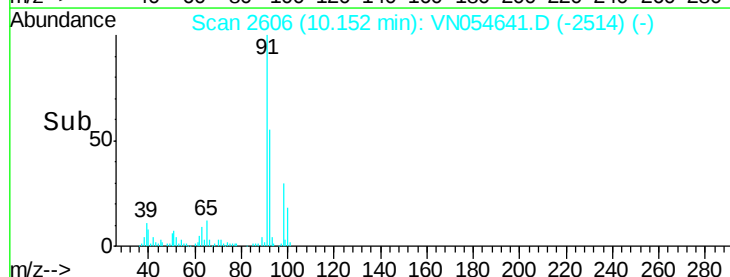
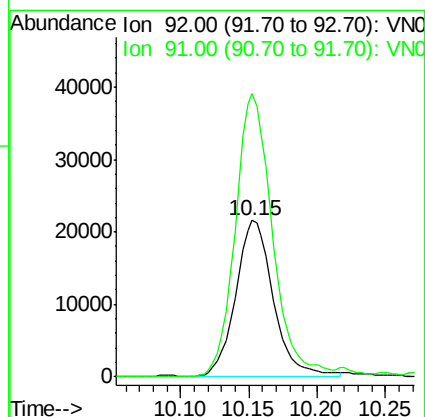
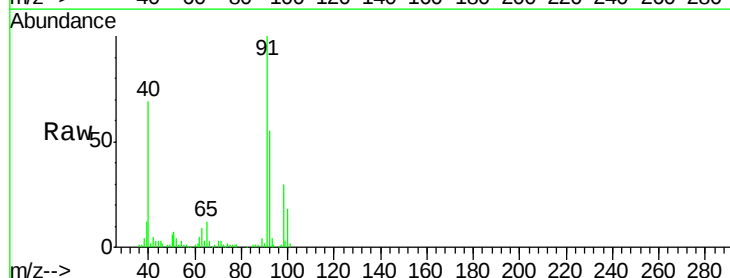
Acq: 24 Mar 2019 12:10

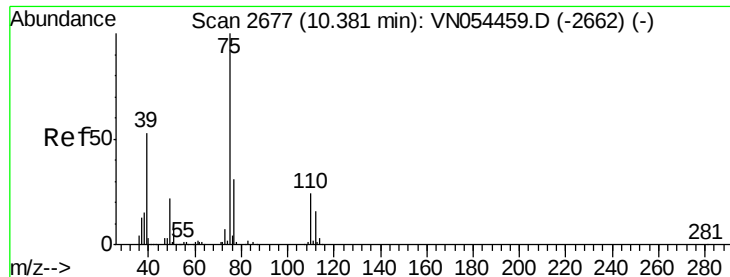
Tgt Ion: 92 Resp: 41566

Ion Ratio Lower Upper

92 100

91 177.4 140.7 211.1

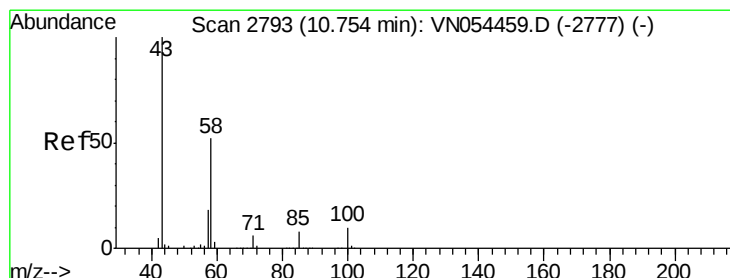
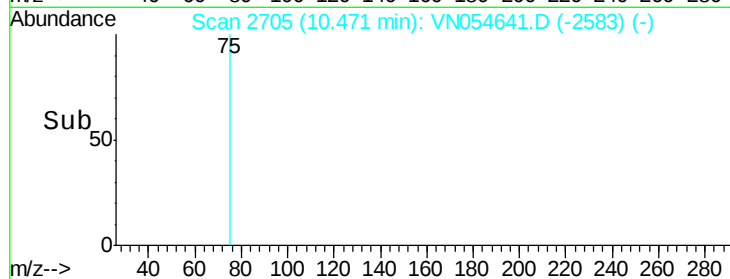
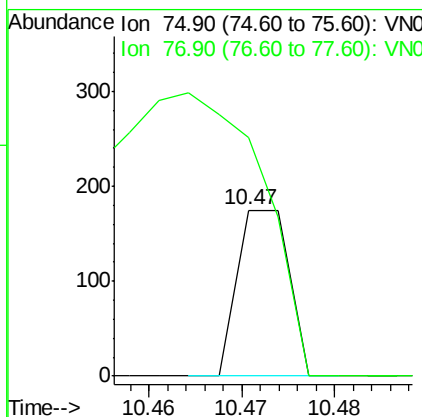
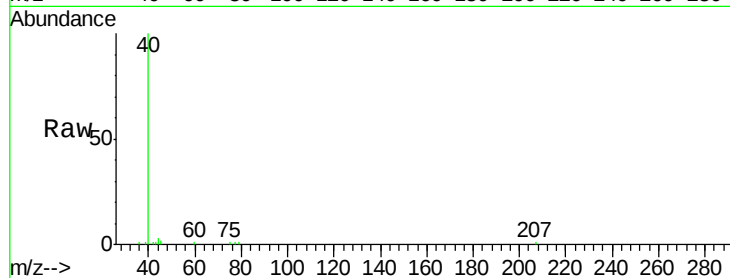




#53
t-1,3-Dichloropropene
Concen: 2.240 ug/l
RT: 10.47 min Scan# 2705
Delta R.T. 0.09 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

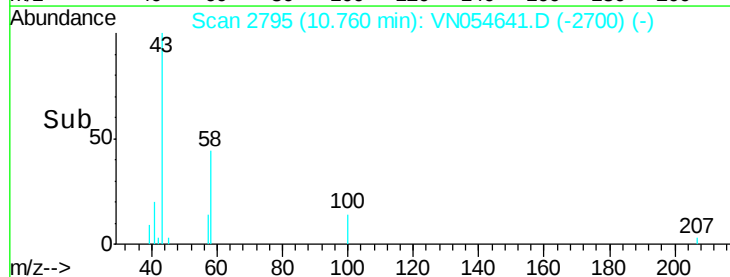
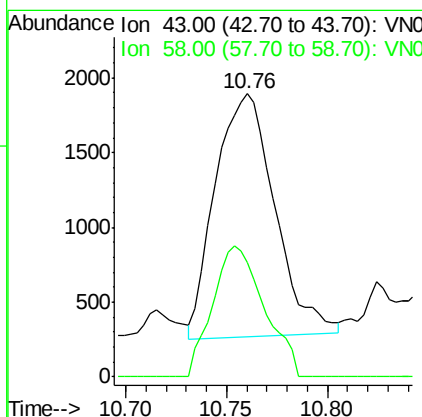
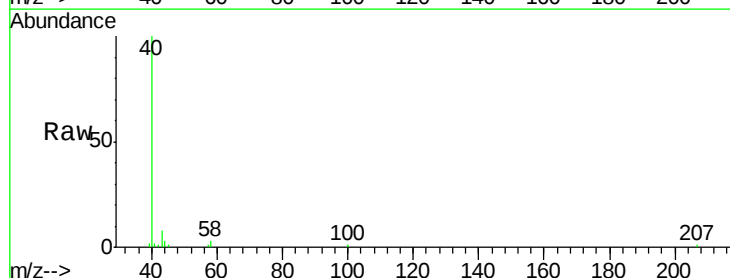
Instrument :
MSVOA_N
ClientSampleId :

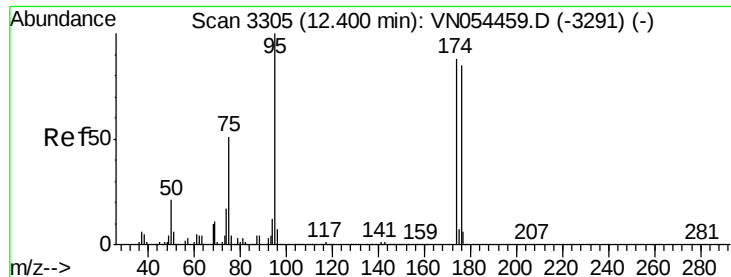
Tot Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 143.4 25.8 38.8#



#59
2-Hexanone
Concen: 0.991 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
58 46.8 28.0 83.9





#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

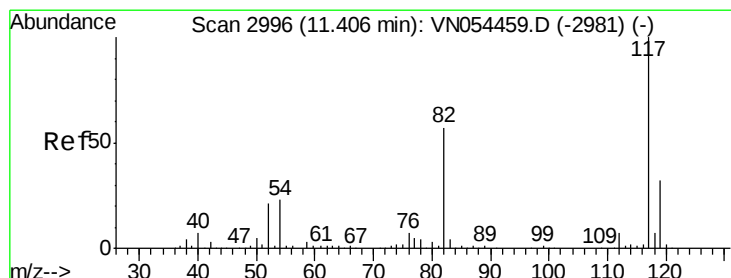
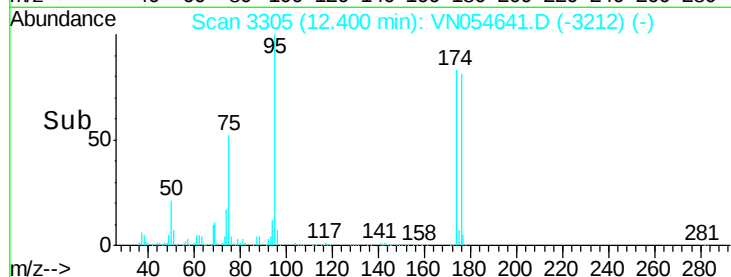
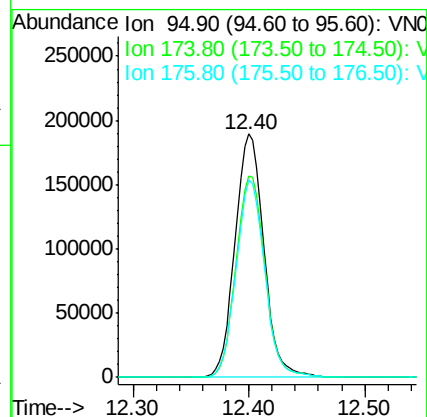
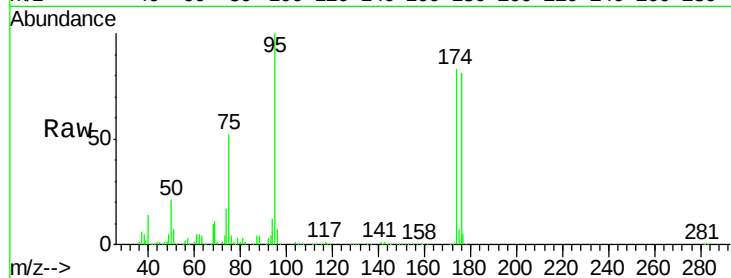
Tot Ion: 95 Resp: 325844

Ion Ratio Lower Upper

95 100

174 83.2 0.0 191.0

176 80.9 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: VN054641.D

Acq: 24 Mar 2019 12:10

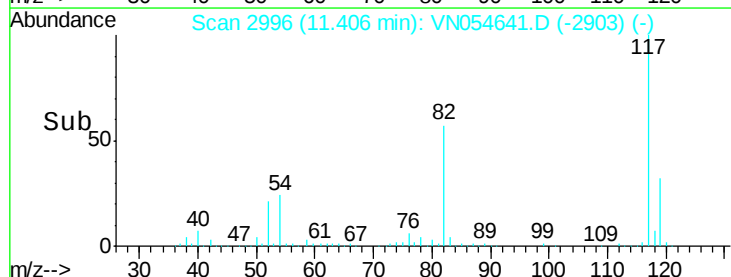
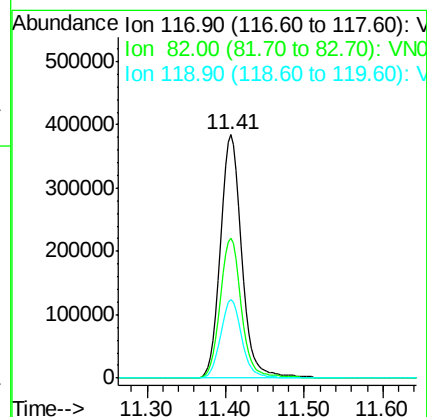
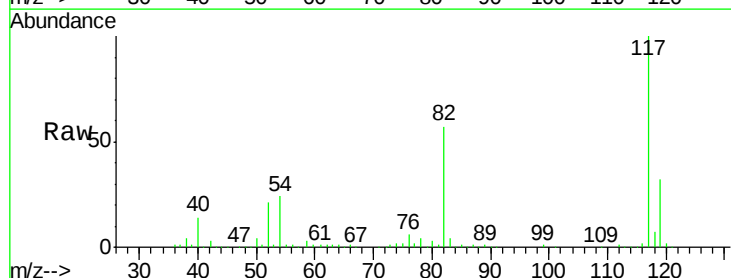
Tgt Ion: 117 Resp: 719224

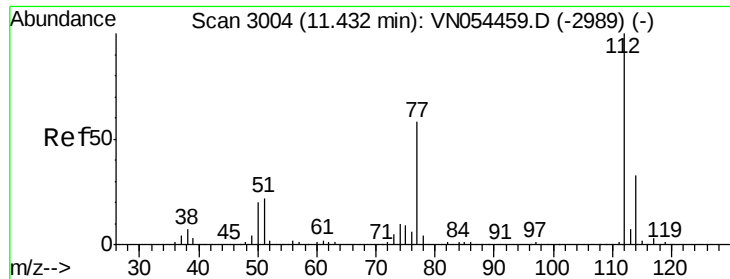
Ion Ratio Lower Upper

117 100

82 57.5 40.0 60.0

119 32.1 25.8 38.6

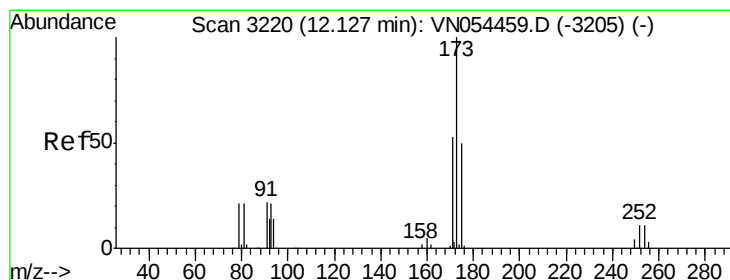
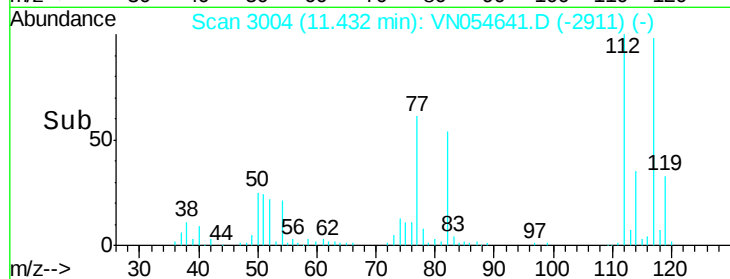
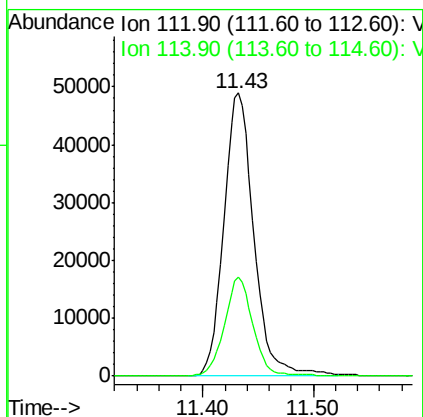
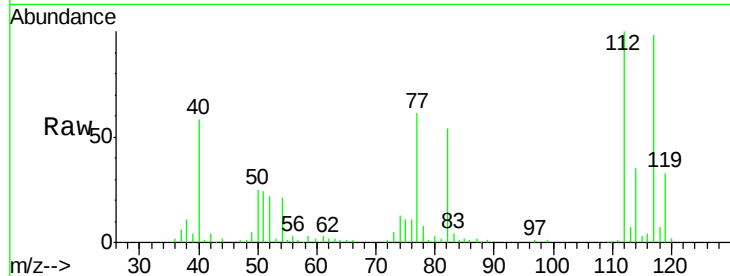




#65
Chlorobenzene
Concen: 6.314 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

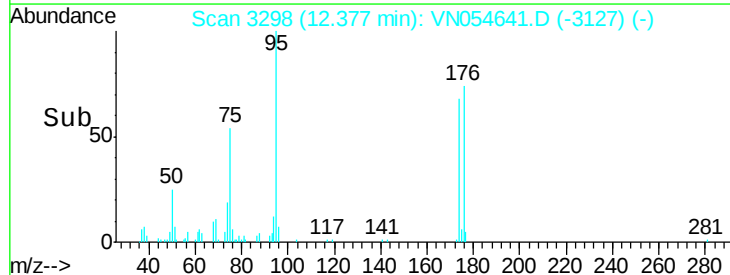
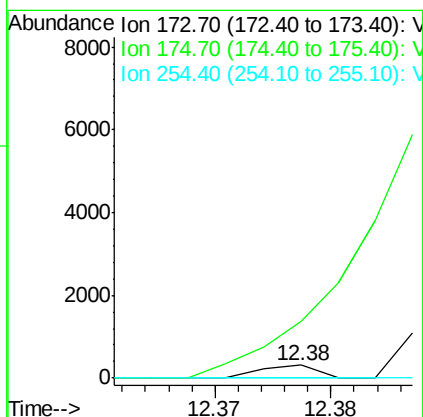
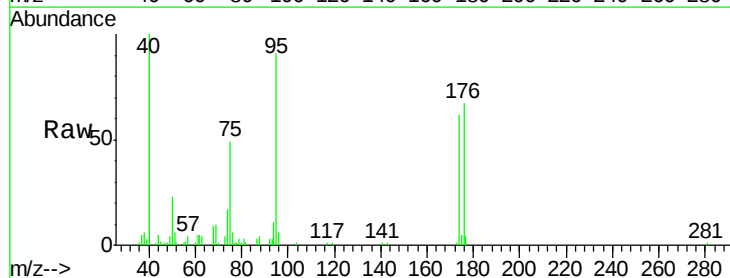
Instrument :
MSVOA_N
ClientSampled :

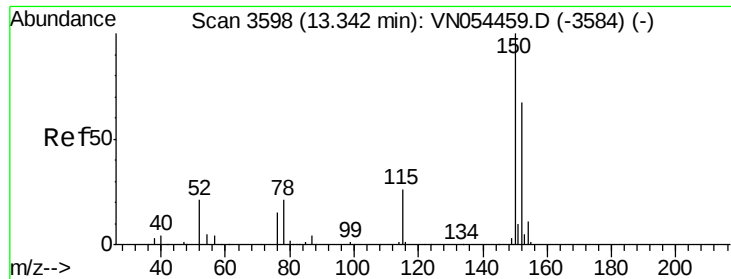
Tot Ion:112 Resp: 92364
Ion Ratio Lower Upper
112 100
114 35.1 25.9 38.9



#71
Bromoform
Concen: 2.247 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.25 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion:173 Resp: 101
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



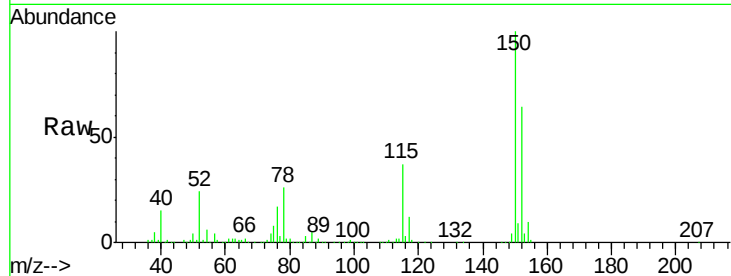


#72

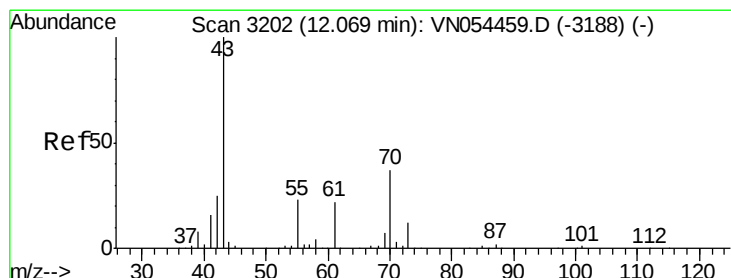
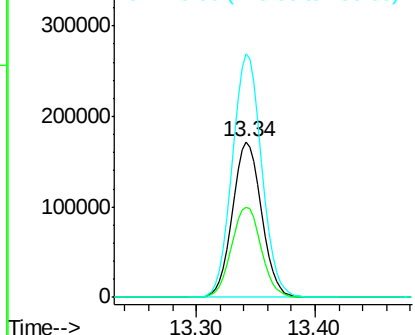
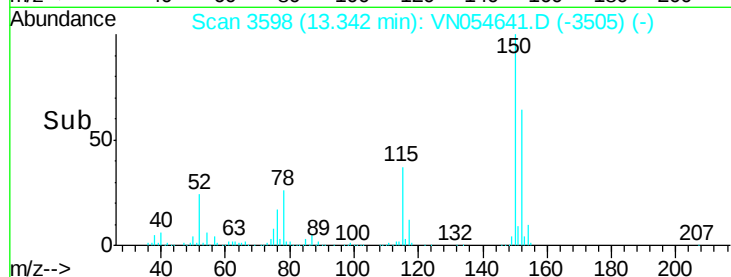
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 290544
Ion Ratio Lower Upper
152 100
115 59.5 27.2 81.6
150 158.8 0.0 349.2



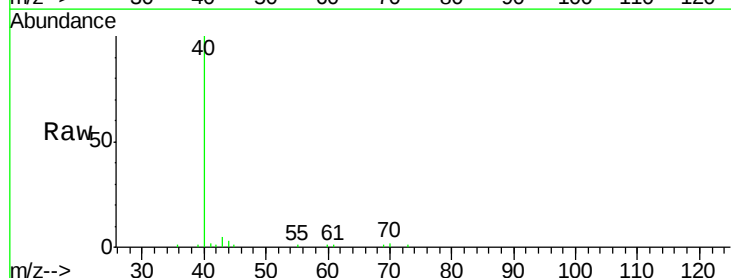
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



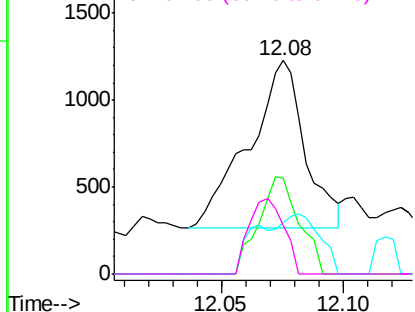
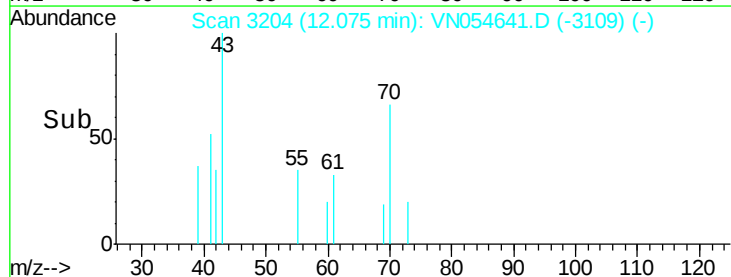
#74

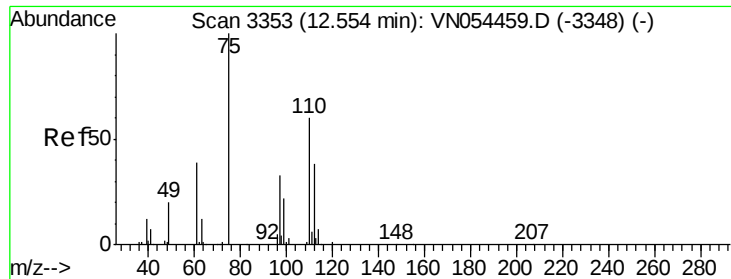
N-ethyl acetate
Concen: 0.231 ug/l
RT: 12.08 min Scan# 3204
Delta R.T. 0.01 min
Lab File: VN054641.D
Acq: 24 Mar 2019 12:10

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
70 41.5 35.4 53.0
55 12.4 19.8 29.6#
61 27.5 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO

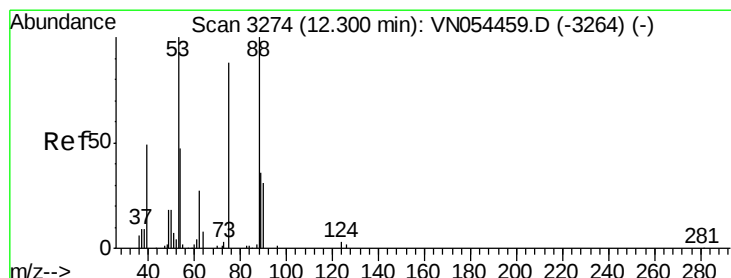
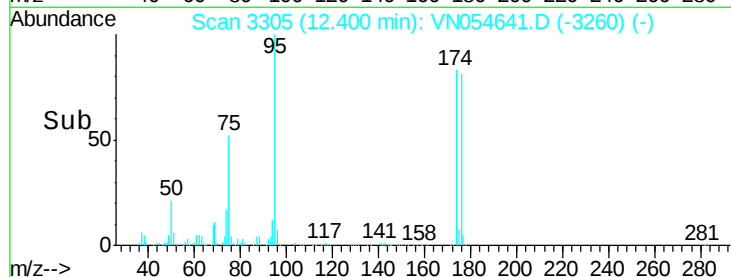
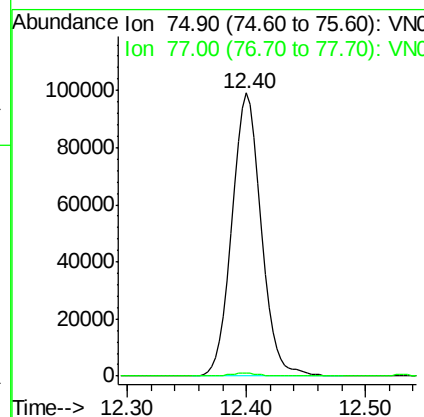
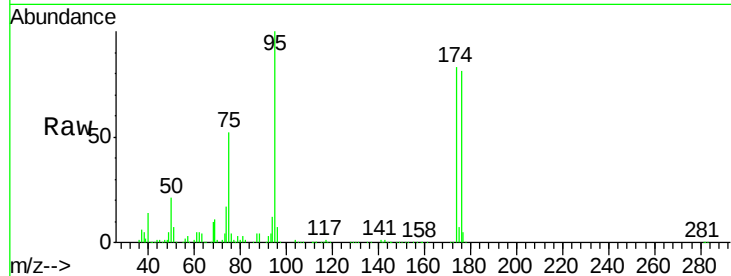




#76
 1,2,3-Trichloropropane
 Concen: 36.681 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

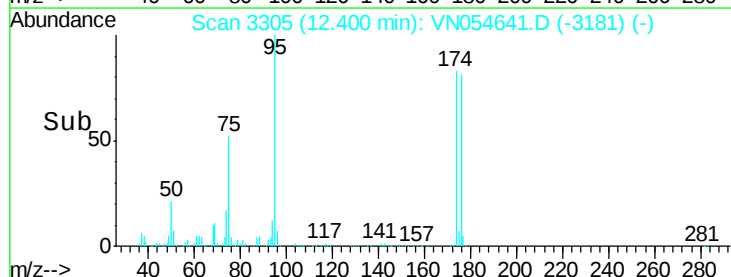
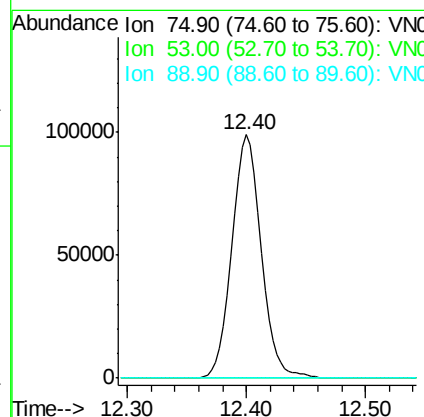
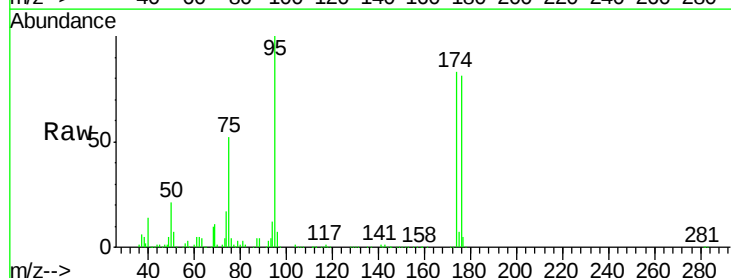
Instrument :
 MSVOA_N
 ClientSampled :

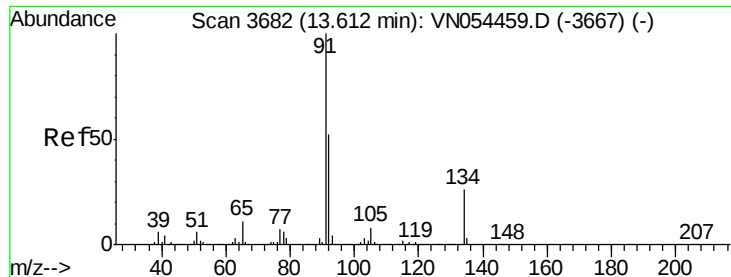
Tot Ion: 75 Resp: 169119
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.604 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

Tgt Ion: 75 Resp: 169119
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#





#89

n-Butylbenzene

Concen: 0.212 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

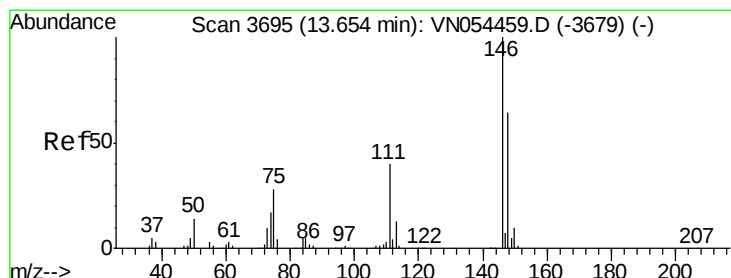
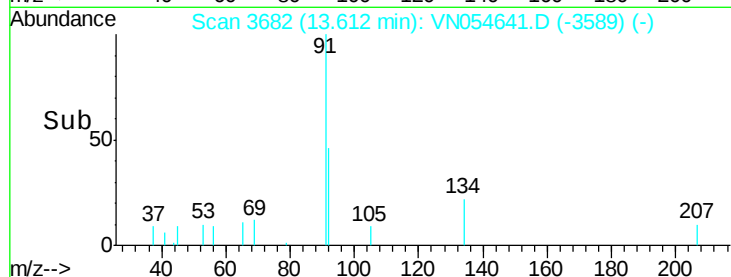
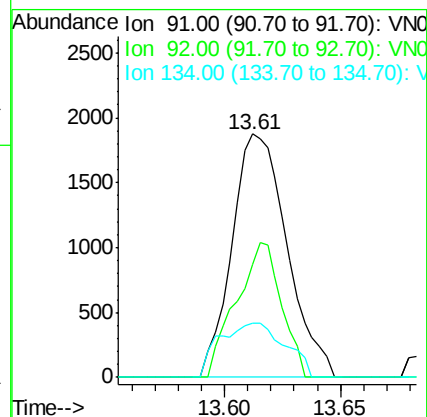
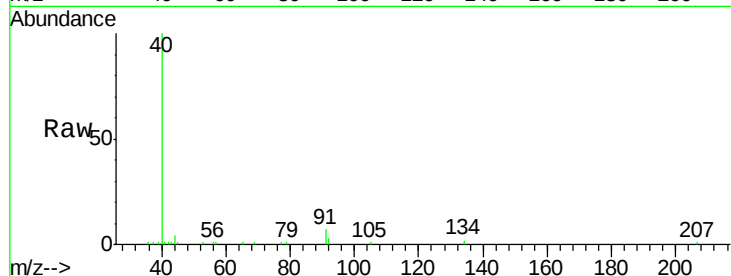
Tot Ion: 91 Resp: 3082

Ion Ratio Lower Upper

91 100

92 45.6 26.2 78.6

134 26.5 14.3 42.9



#91

1,2-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

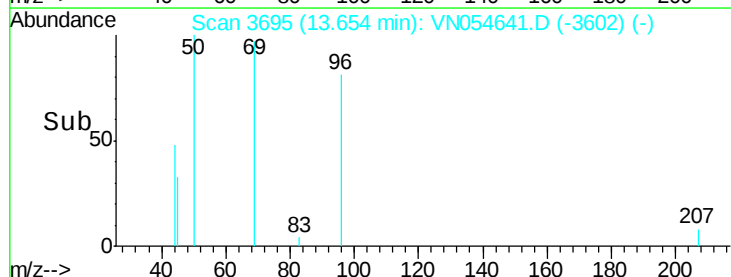
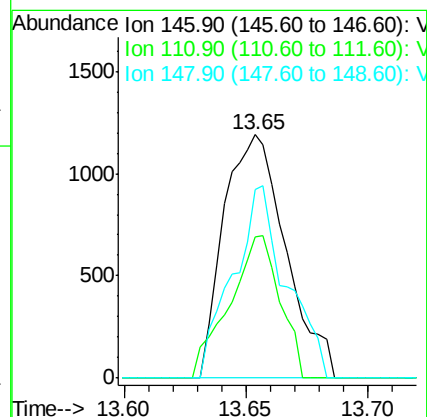
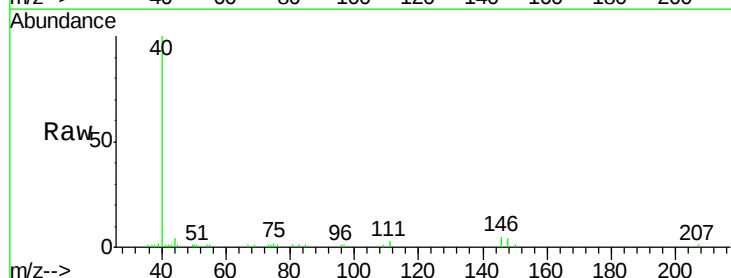
Tgt Ion: 146 Resp: 2094

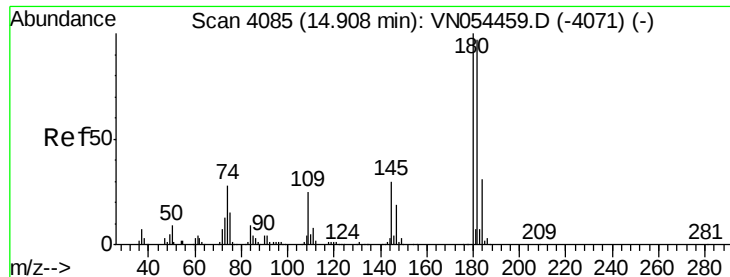
Ion Ratio Lower Upper

146 100

111 47.6 19.1 57.3

148 67.8 32.4 97.0

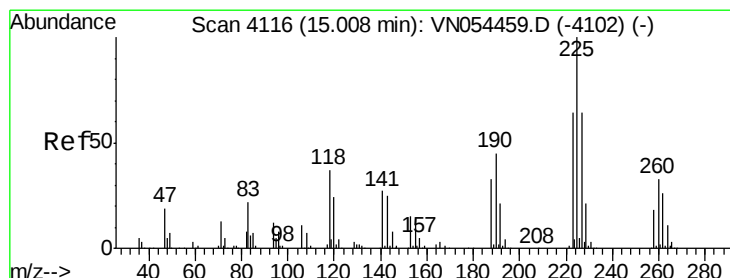
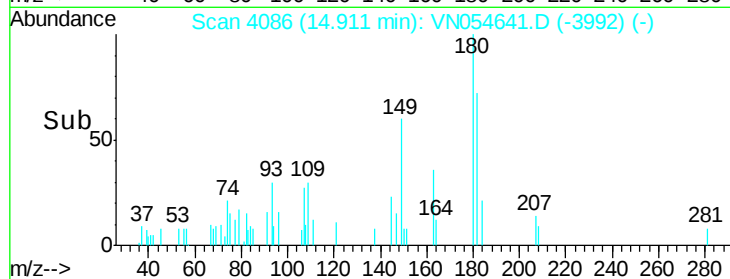
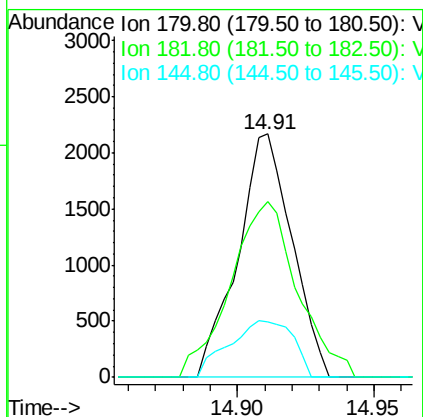
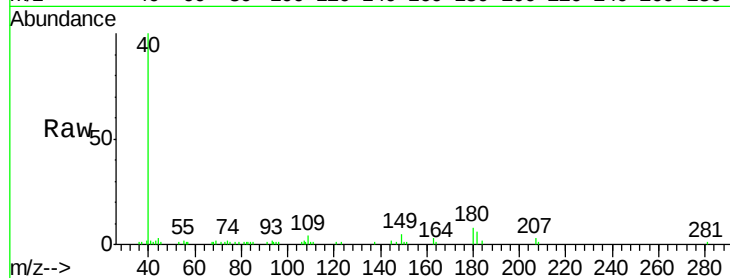




#93
 1,2,4-Trichlorobenzene
 Concen: 0.641 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

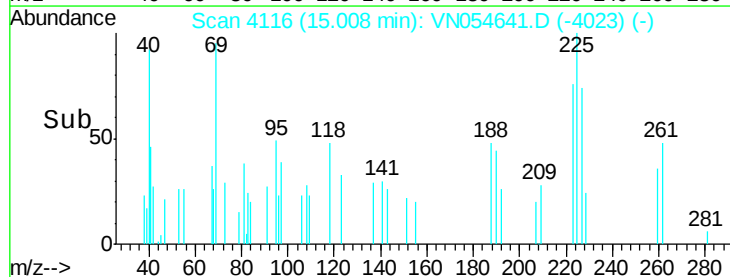
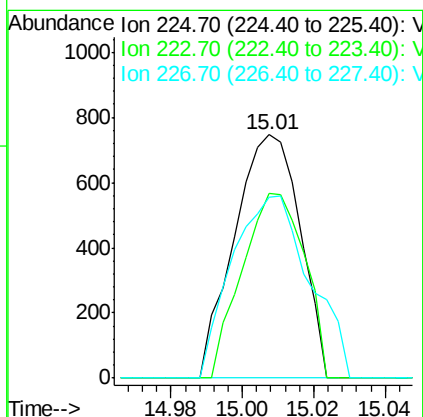
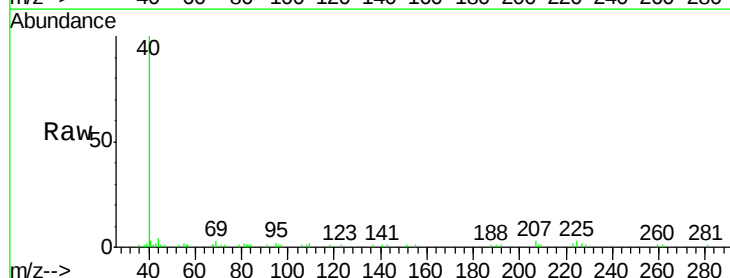
Instrument :
 MSVOA_N
 ClientSampleId :

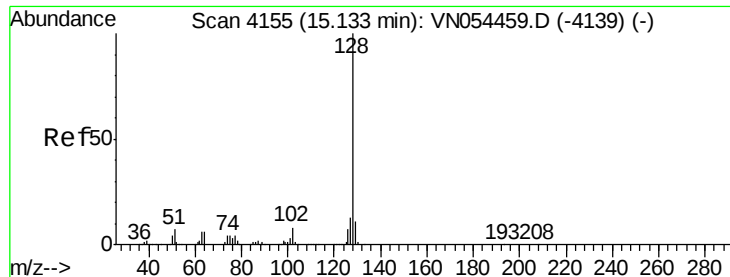
Tot Ion:180 Resp: 2980
 Ion Ratio Lower Upper
 180 100
 182 89.3 48.0 144.2
 145 27.5 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054641.D
 Acq: 24 Mar 2019 12:10

Tgt Ion:225 Resp: 948
 Ion Ratio Lower Upper
 225 100
 223 72.4 31.1 93.5
 227 88.8 31.9 95.9





#95

Naphthalene

Concen: 0.679 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

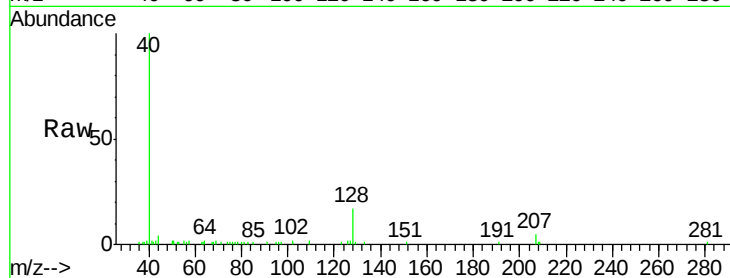
Tot Ion:128 Resp: 7037

Ion Ratio Lower Upper

128 100

127 16.1 10.1 15.1#

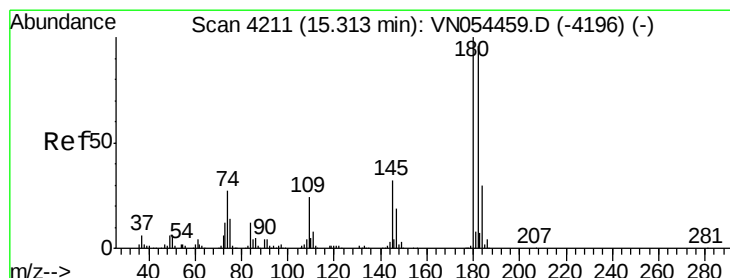
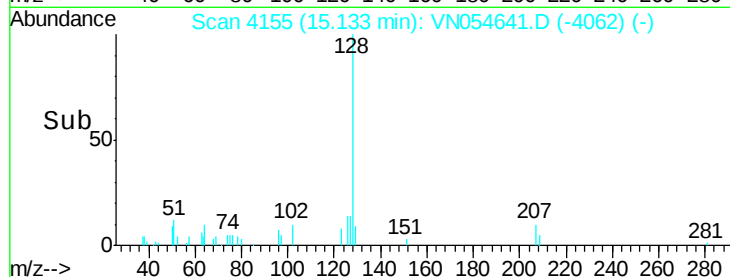
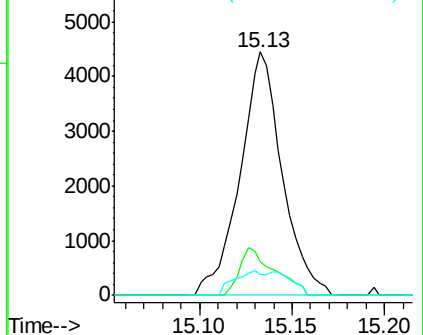
129 7.5 8.7 13.1#



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: 0.721 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054641.D

Acq: 24 Mar 2019 12:10

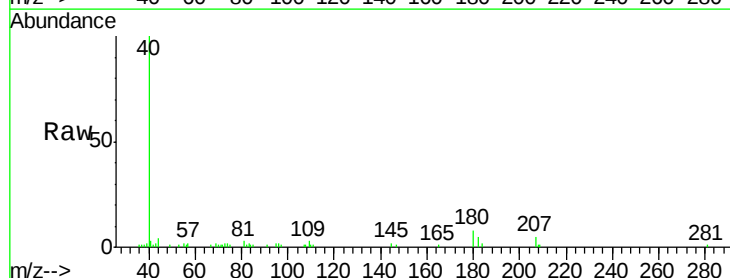
Tgt Ion:180 Resp: 3336

Ion Ratio Lower Upper

180 100

182 72.0 47.5 142.6

145 23.8 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

