

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054232.D
 Acq On : 14 Mar 2019 00:53
 Operator : JC/SP
 Sample : K1693-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1419883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2302498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2464429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1143273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	759319	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	721116	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	10.09	98	2918465	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.40	95	1146736	59.76	ug/l	0.00
Spiked Amount			Recovery	=	119.52%	

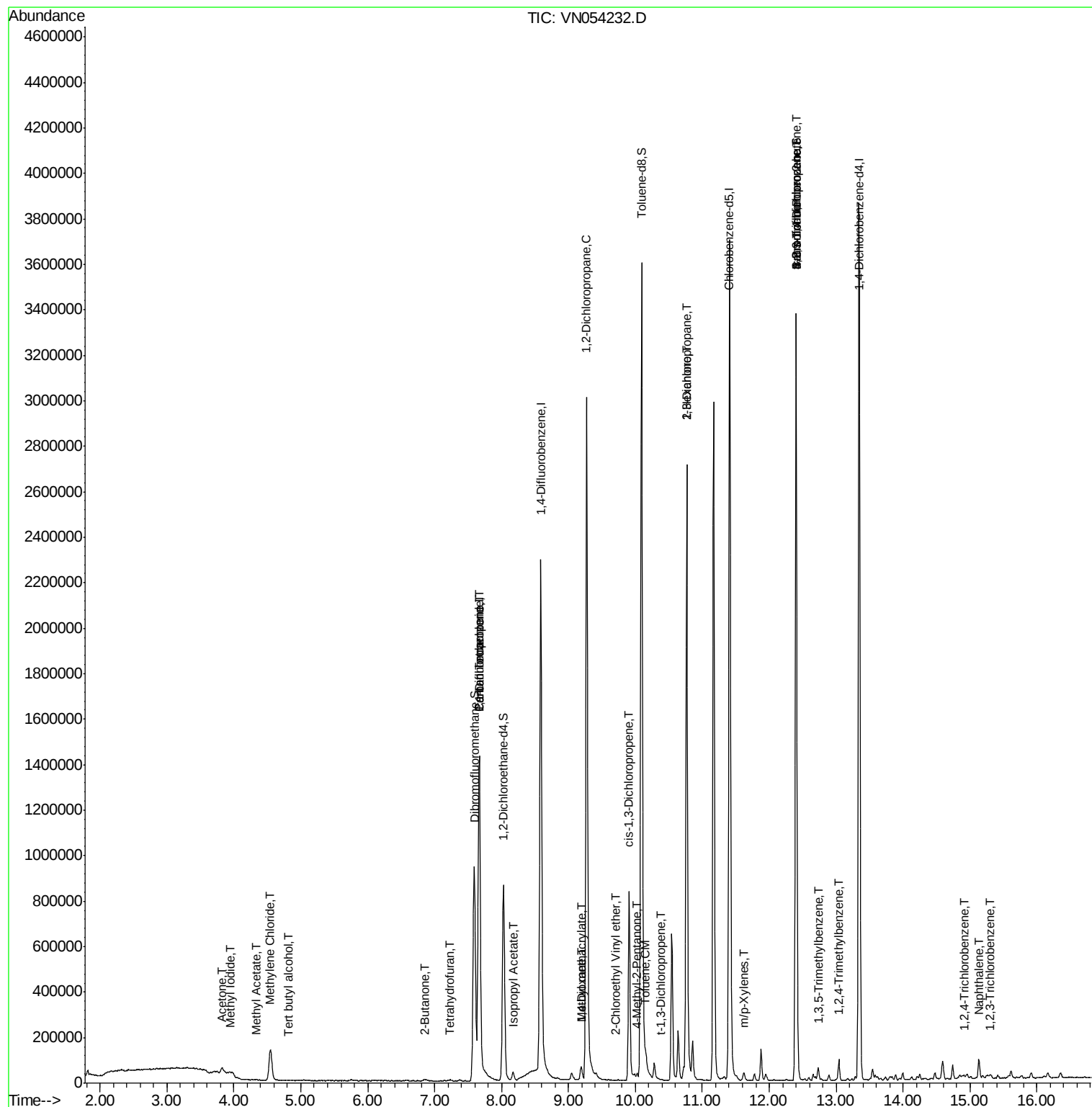
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	794	1.533	ug/l #	83
11) Tert butyl alcohol	4.82	59	208	0.201	ug/l #	70
16) Acetone	3.82	43	38054	8.814	ug/l	92
18) Methyl Acetate	4.33	43	3603	0.412	ug/l #	77
20) Methylene Chloride	4.55	84	110156	7.770	ug/l	99
25) 2-Butanone	6.86	43	2538	0.501	ug/l	99
29) Tetrahydrofuran	7.24	42	4325	1.327	ug/l #	80
31) Cyclohexane	7.66	56	22034	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	82228	3.878	ug/l #	49
38) Carbon Tetrachloride	7.66	117	112654	5.066	ug/l #	16
43) Isopropyl Acetate	8.17	43	44293	2.071	ug/l	99
45) 1,2-Dichloropropane	9.27	63	4222	0.280	ug/l #	43
48) Methyl methacrylate	9.18	41	20186	1.860	ug/l #	11
49) 1,4-Dioxane	9.20	88	102	0.664	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	19388	1.713	ug/l #	36
52) Toluene	10.16	92	17831	0.463	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	900	2.023	ug/l	98
54) cis-1,3-Dichloropropene	9.91	75	169759	7.138	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	30086	1.310	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	147	16.847	ug/l #	44
59) 2-Hexanone	10.77	43	405706	53.875	ug/l #	50
68) m/p-Xylenes	11.62	106	11733	0.335	ug/l	99
71) Bromoform	12.40	173	7131	2.804	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	546931	32.532	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	26475	0.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	546931	111.207	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	54076	0.724	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	4919	2.711	ug/l #	89
95) Naphthalene	15.13	128	76153	4.883	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	5117	0.242	ug/l #	88

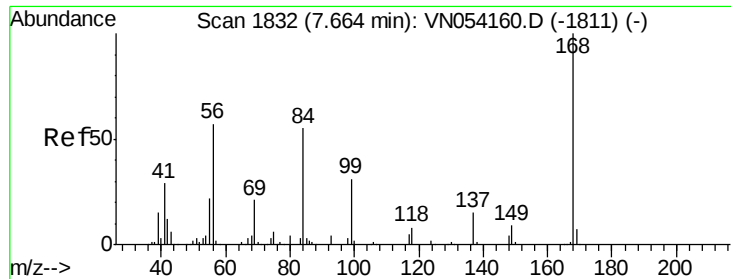
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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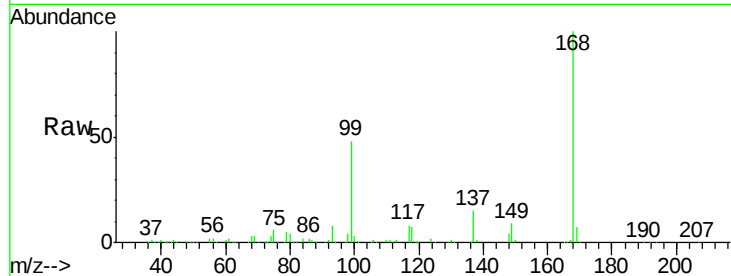


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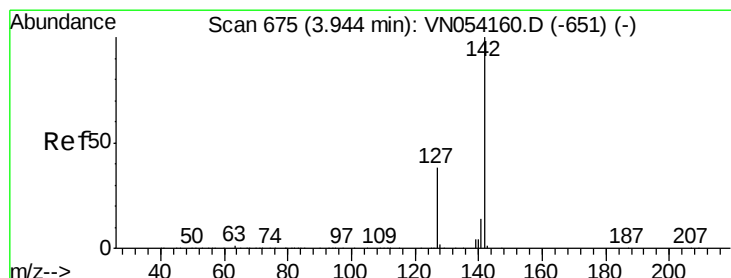
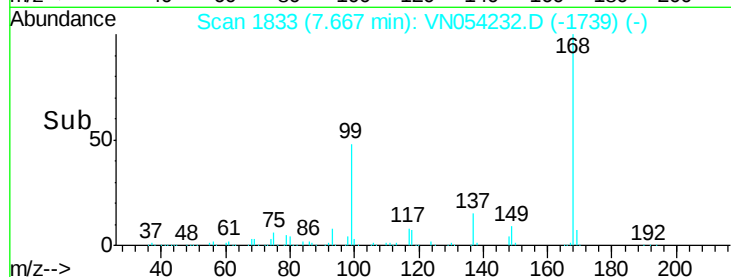
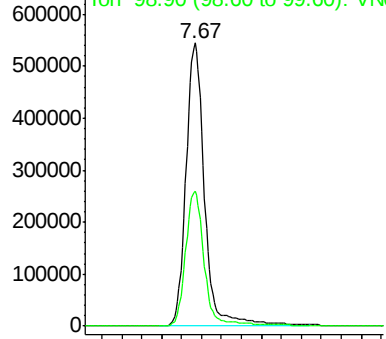
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:168 Resp: 1419883
 Ion Ratio Lower Upper
 168 100
 99 47.7 37.1 55.7



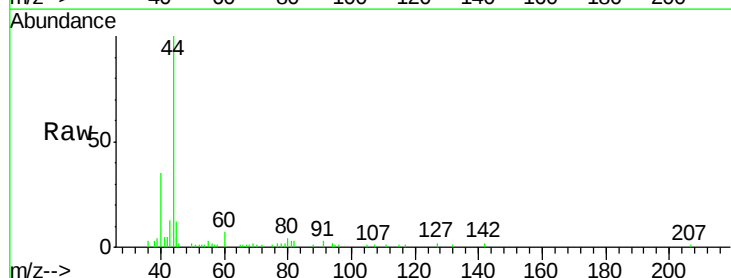
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



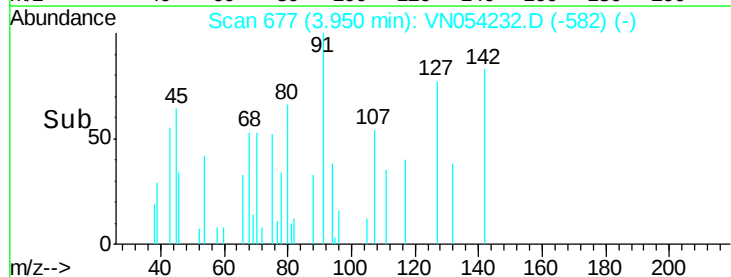
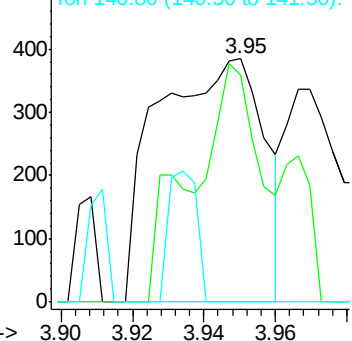
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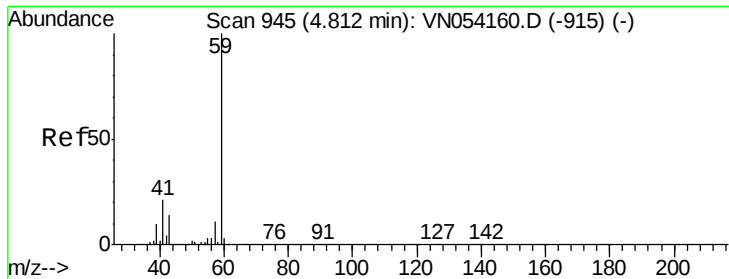
Methyl Iodide
 Concen: 1.533 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Tgt Ion:142 Resp: 794
 Ion Ratio Lower Upper
 142 100
 127 44.3 30.3 45.5
 141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



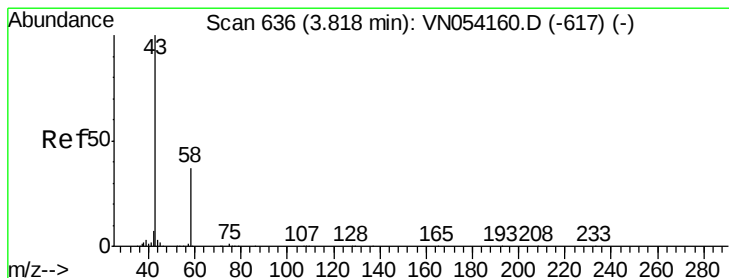
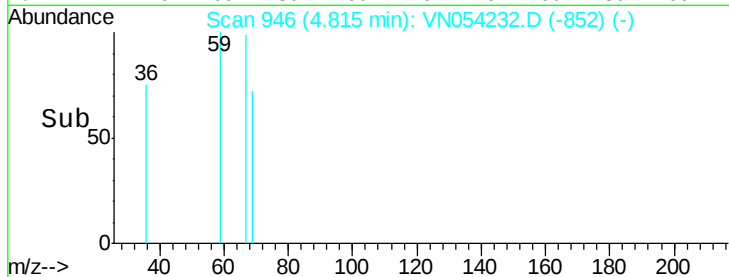
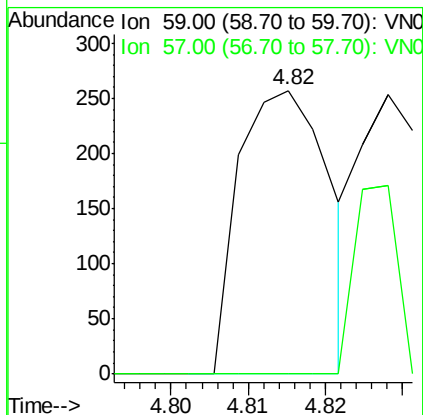
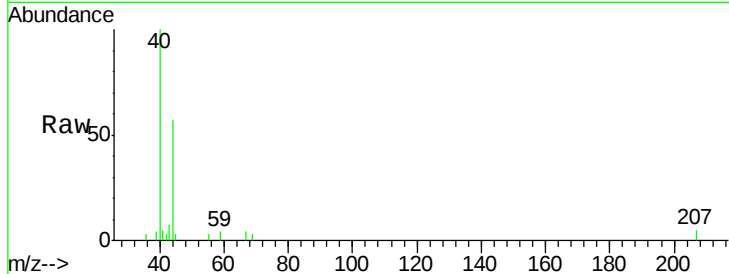


#11

Tert butyl alcohol
 Concen: 0.201 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Instrument :
 MSVOA_N
 ClientSampleId :

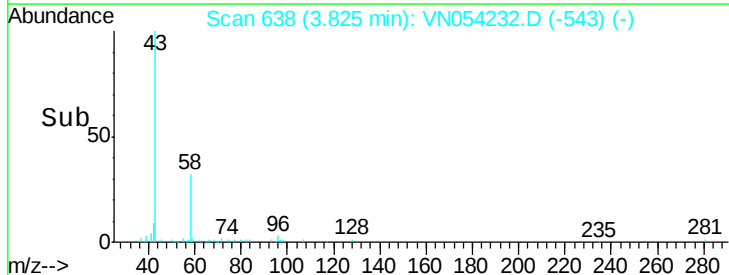
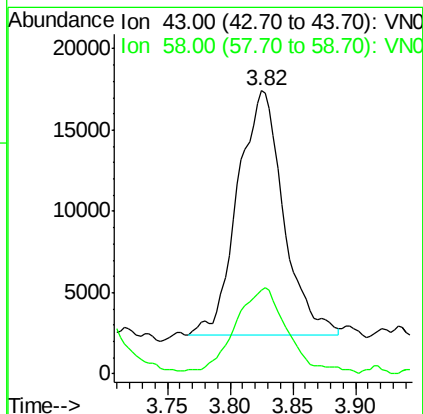
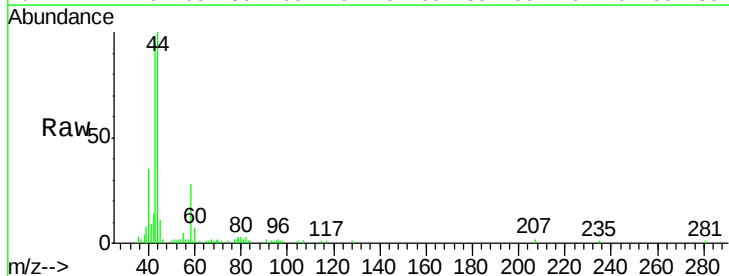
Tot Ion: 59 Resp: 208
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

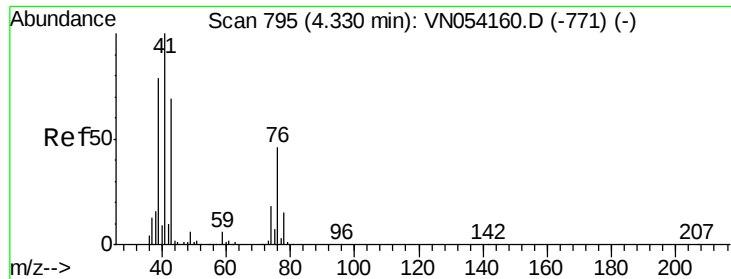


#16

Acetone
 Concen: 8.814 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Tgt Ion: 43 Resp: 38054
 Ion Ratio Lower Upper
 43 100
 58 32.5 29.9 44.9

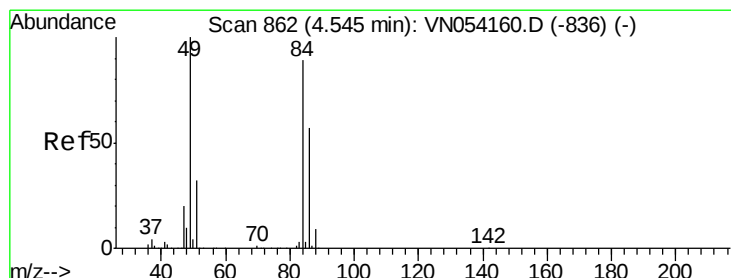
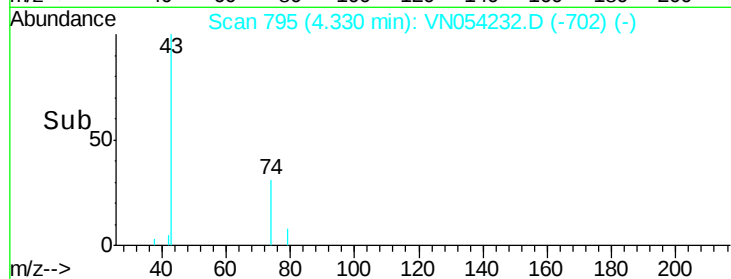
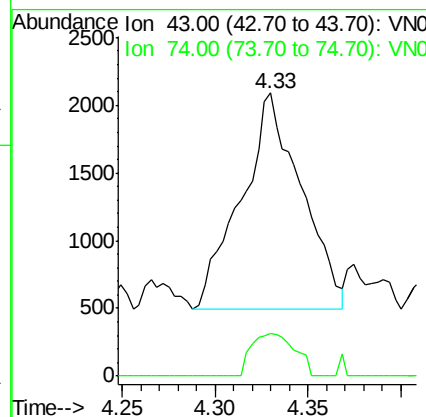
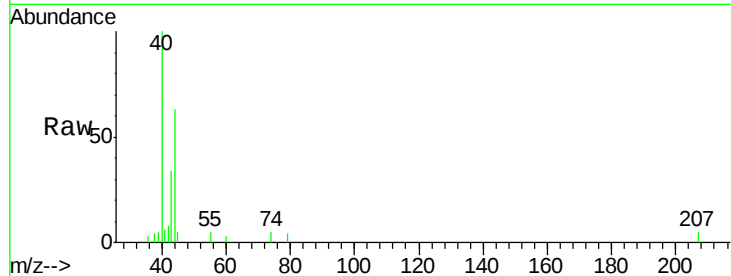




#18
Methvl Acetate
Concen: 0.412 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

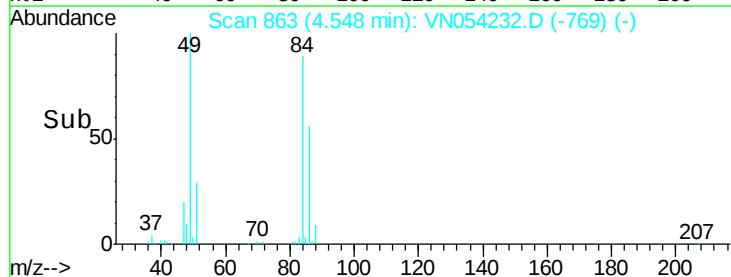
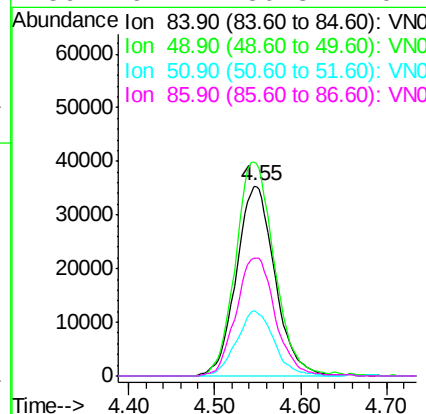
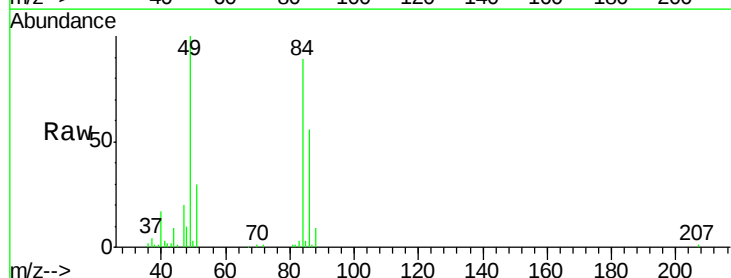
Instrument :
MSVOA_N
ClientSampleId :

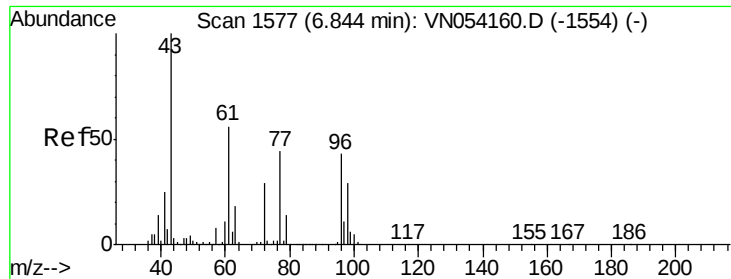
Tot Ion: 43 Resp: 3603
Ion Ratio Lower Upper
43 100
74 14.3 20.8 31.2#



#20
Methylene Chloride
Concen: 7.770 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 84 Resp: 110156
Ion Ratio Lower Upper
84 100
49 111.9 89.7 134.5
51 33.4 28.2 42.4
86 62.4 50.8 76.2

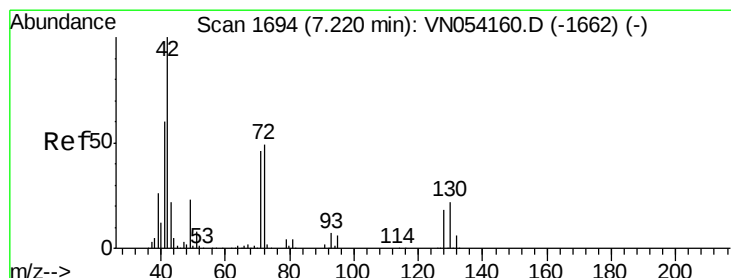
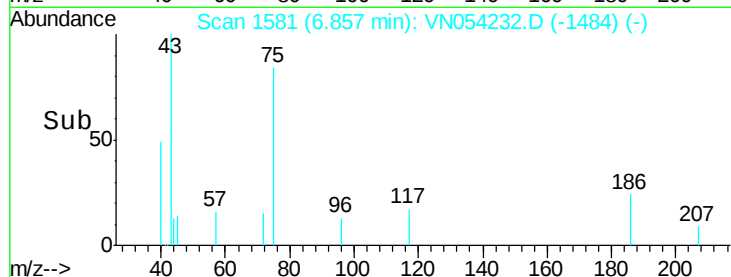
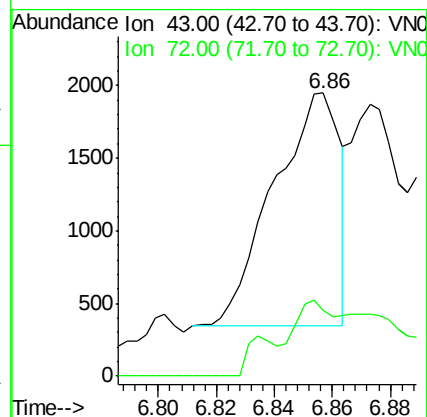
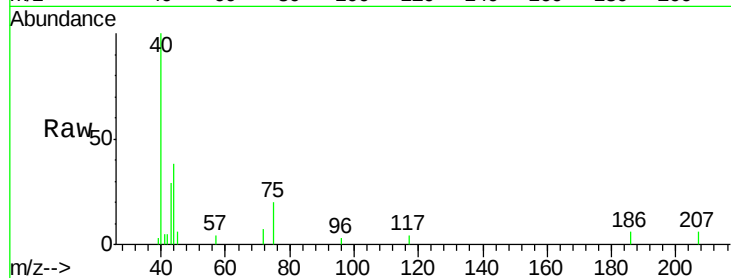




#25
2-Butanone
Concen: 0.501 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

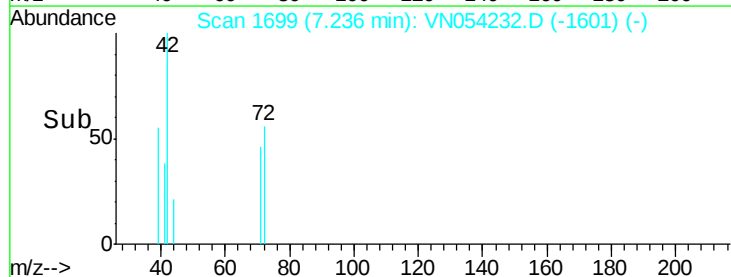
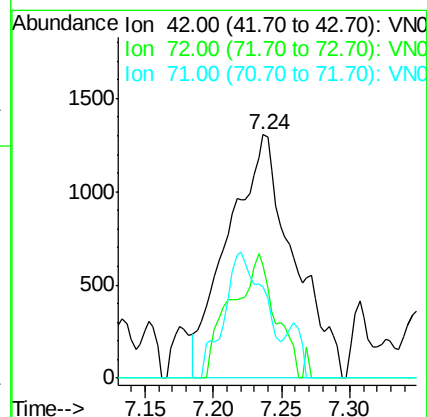
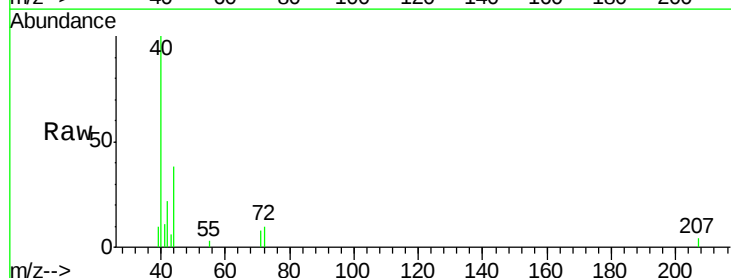
Instrument :
MSVOA_N
ClientSampled :

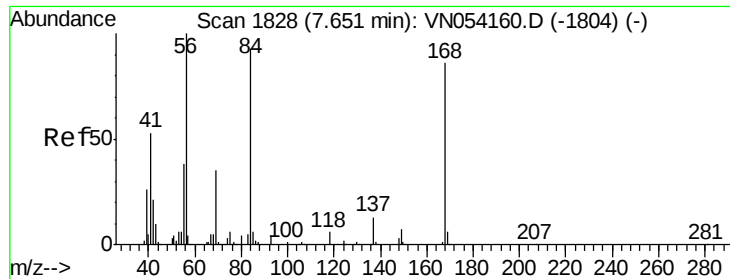
Tot Ion: 43 Resp: 2538
Ion Ratio Lower Upper
43 100
72 28.5 23.0 34.6



#29
Tetrahydrofuran
Concen: 1.327 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.02 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 42 Resp: 4325
Ion Ratio Lower Upper
42 100
72 34.3 37.8 56.6#
71 32.3 36.2 54.2#

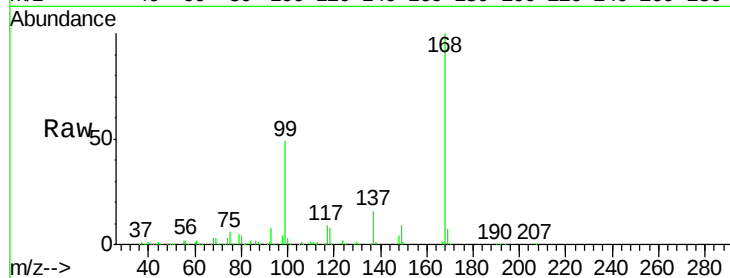




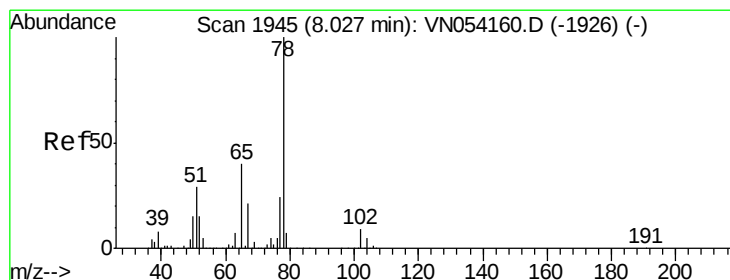
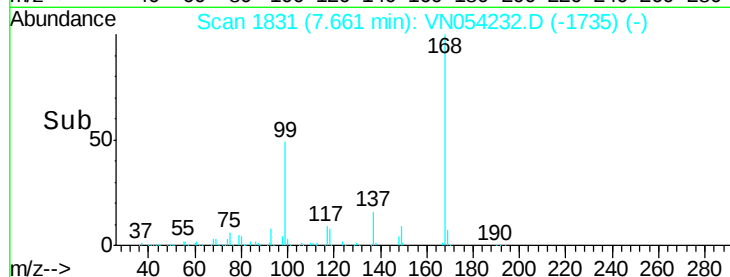
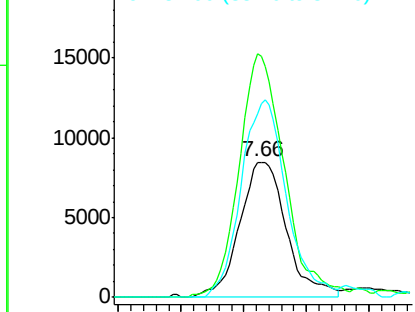
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 22034
Ion Ratio Lower Upper
56 100
69 180.2 27.8 41.6#
84 135.4 74.6 111.8#

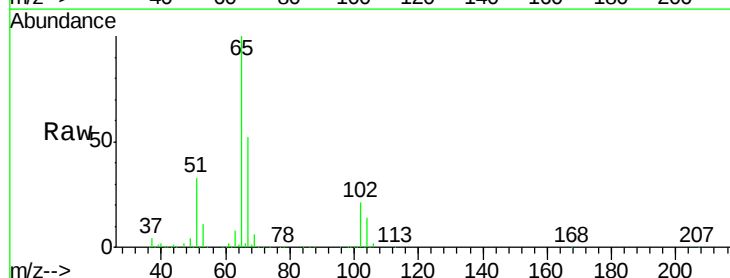


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

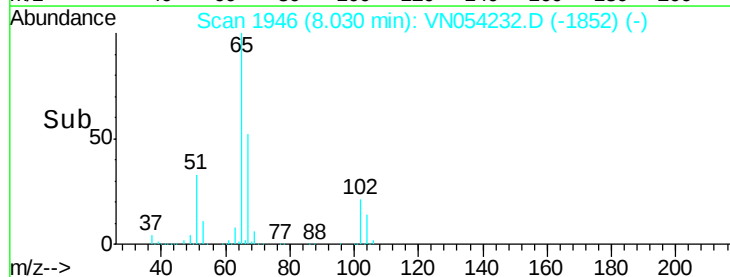
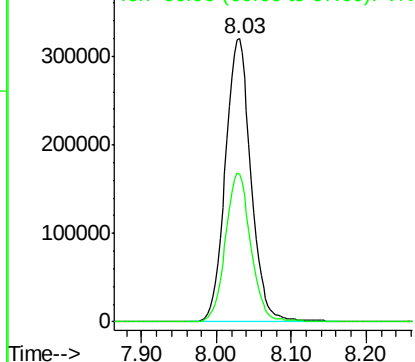


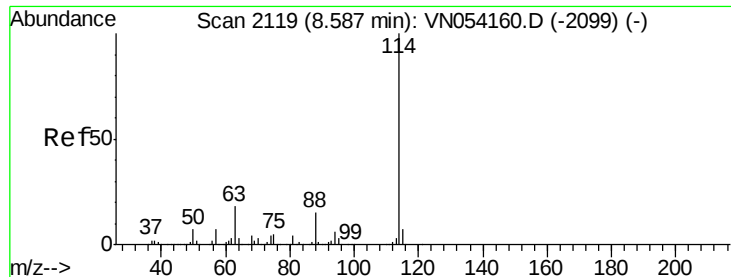
#33
1,2-Dichloroethane-d4
Concen: 50.355 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 65 Resp: 759319
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

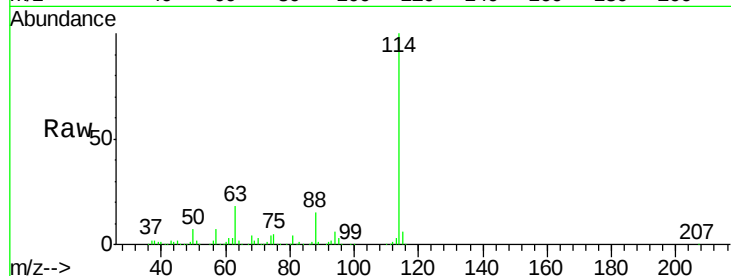




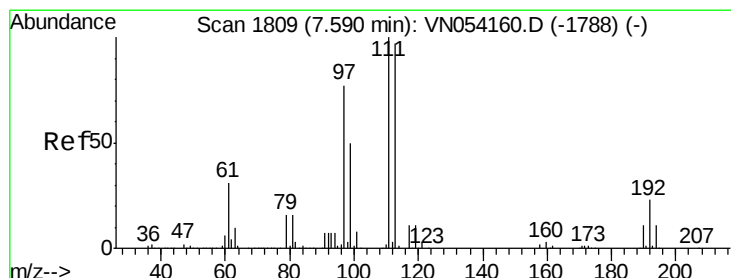
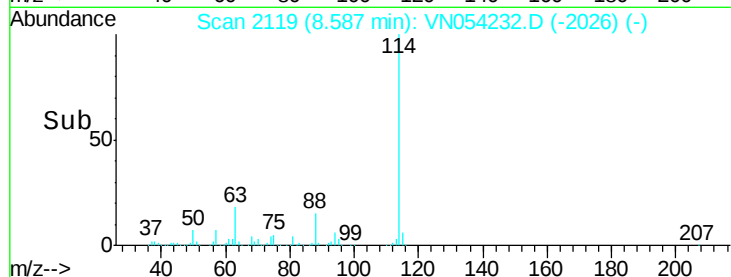
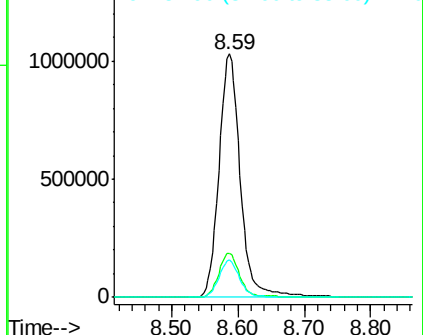
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 2302498
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.2
88 15.2 0.0 30.2

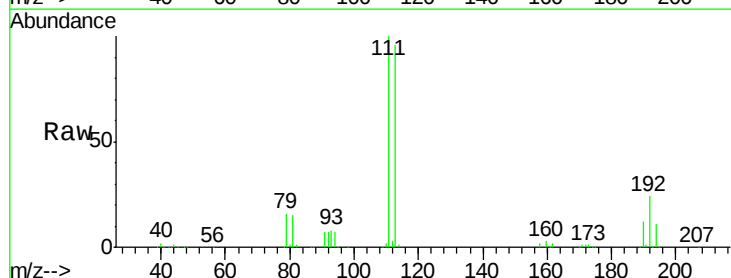


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

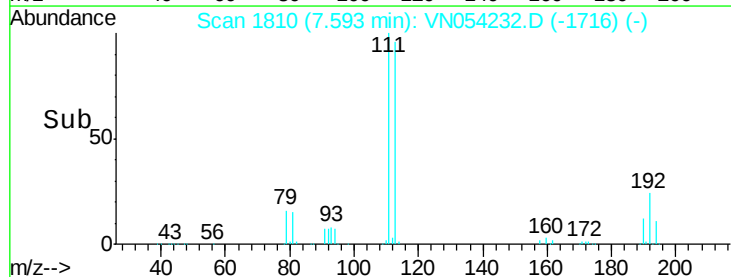
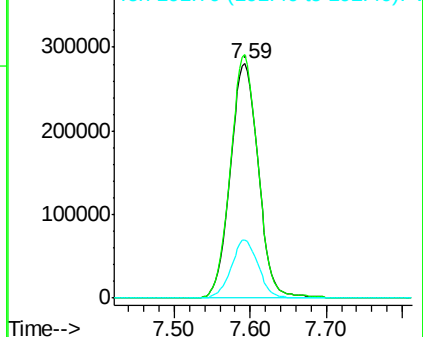


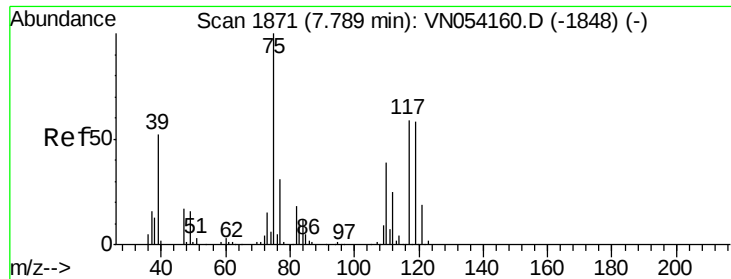
#35
Dibromofluoromethane
Concen: 48.559 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion:113 Resp: 721116
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 23.9 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

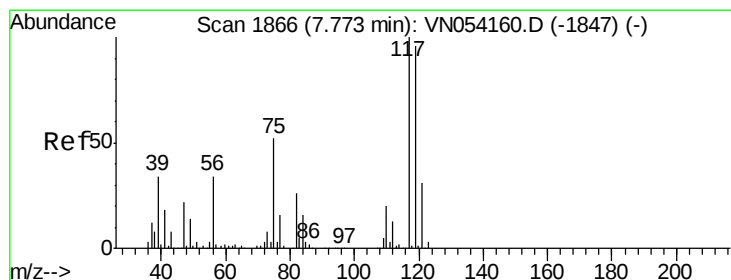
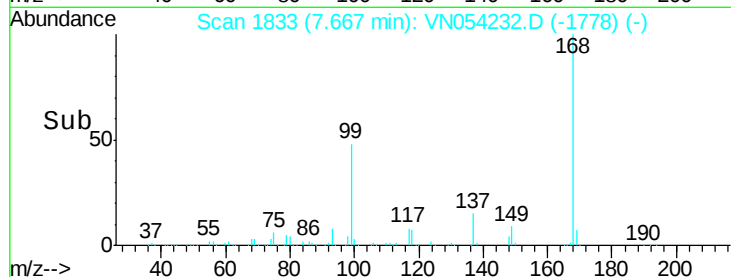
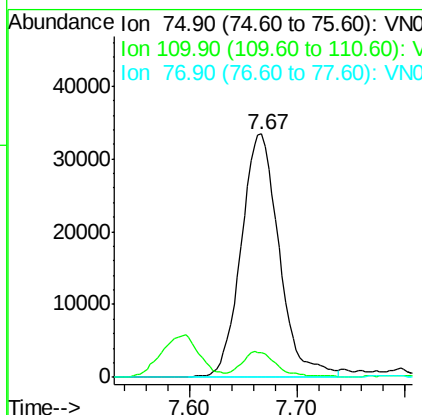
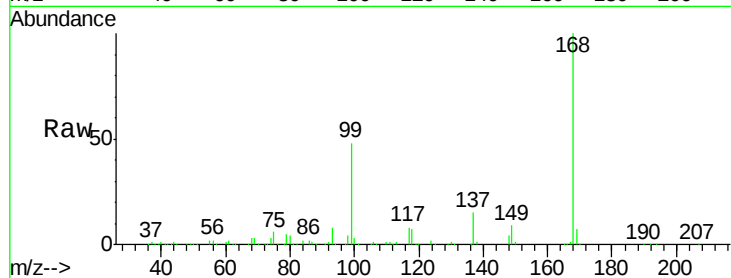




#36
 1,1-Dichloropropene
 Concen: 3.878 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

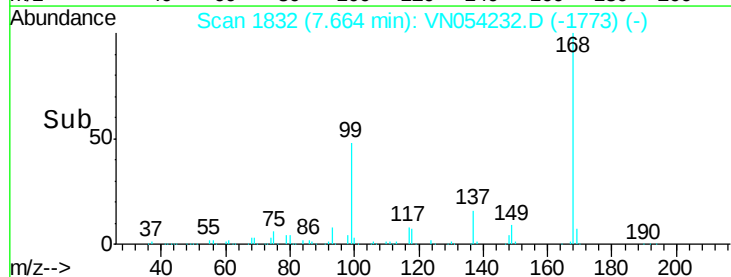
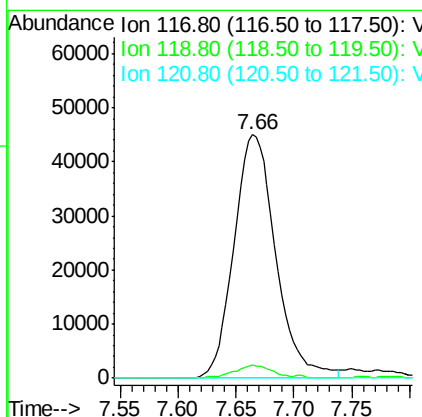
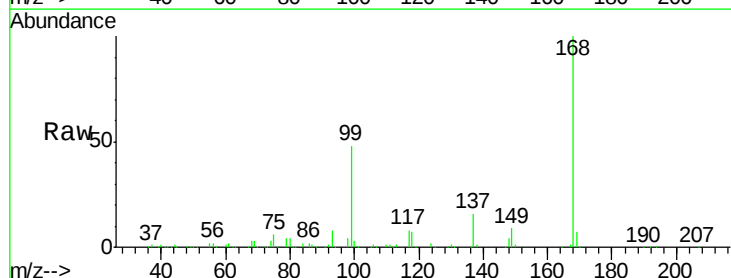
Instrument :
 MSVOA_N
 ClientSampled :

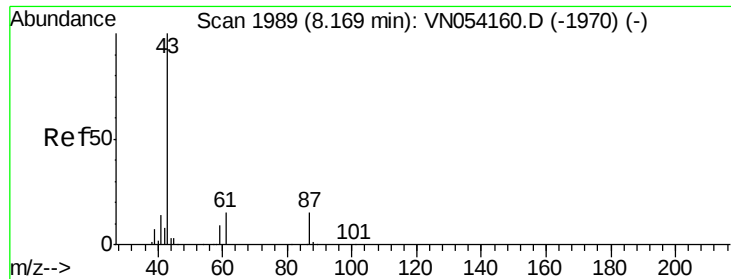
Tot Ion	75	Resp	82228
Ion Ratio	Lower	Upper	
75	100		
110	9.9	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.066 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Tgt Ion	117	Resp	112654
Ion Ratio	Lower	Upper	
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#

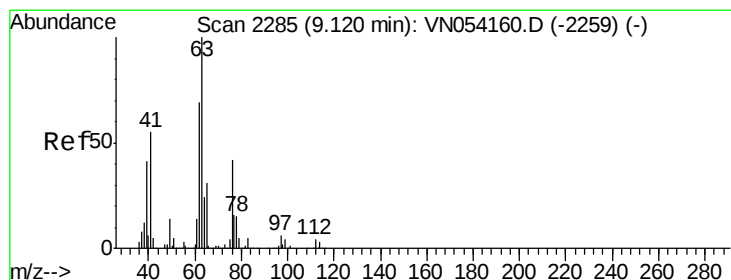
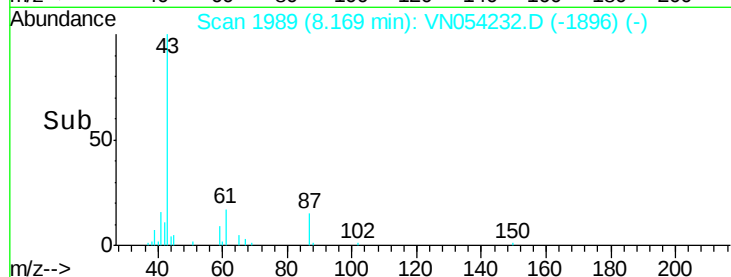
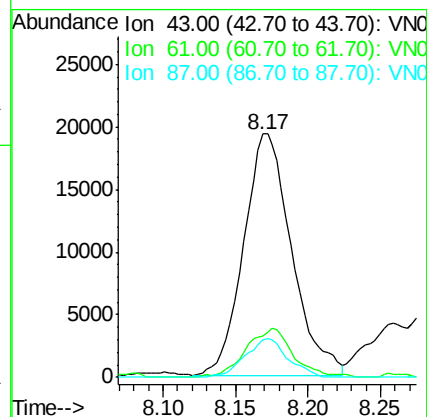
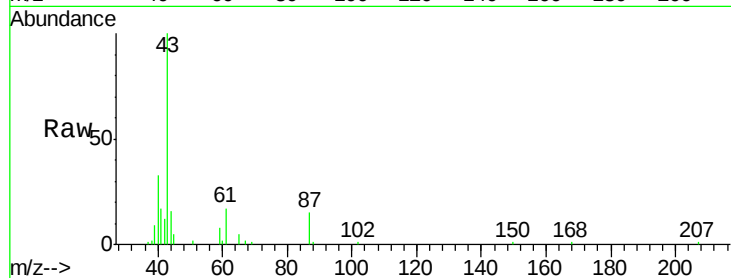




#43
Isopropyl Acetate
Concen: 2.071 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

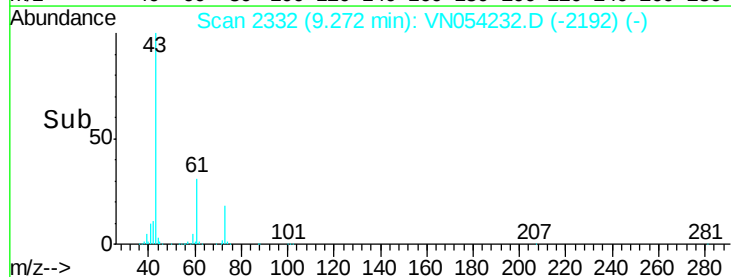
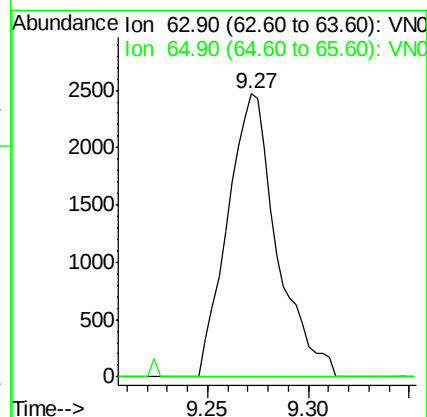
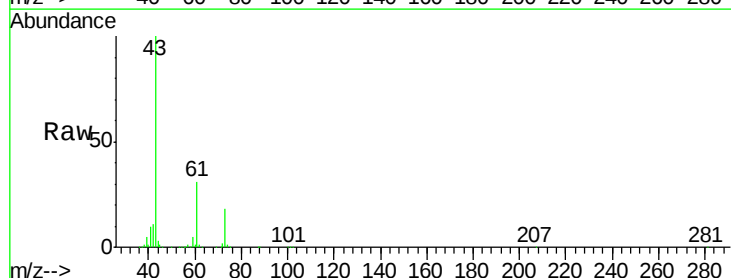
Instrument :
MSVOA_N
ClientSampleId :

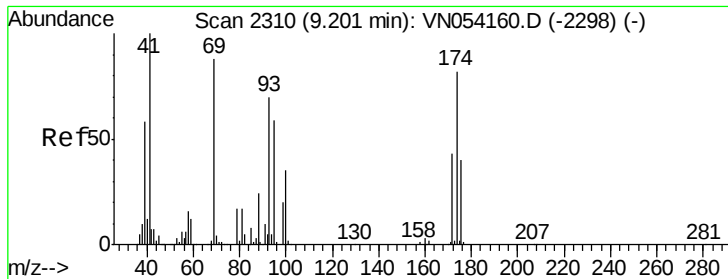
Tot Ion: 43 Resp: 44293
Ion Ratio Lower Upper
43 100
61 19.8 15.8 23.8
87 14.4 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.280 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 63 Resp: 4222
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.6#

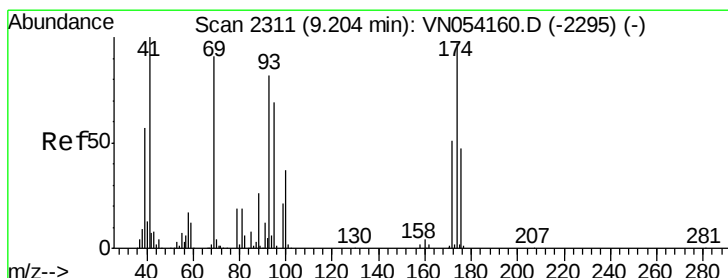
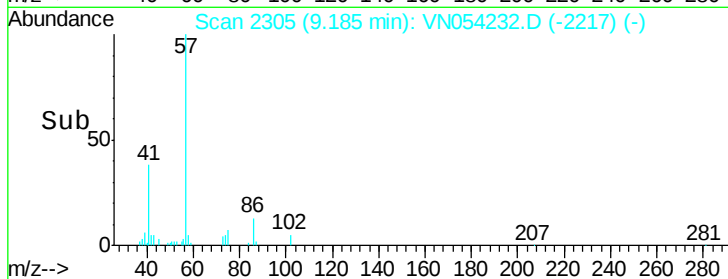
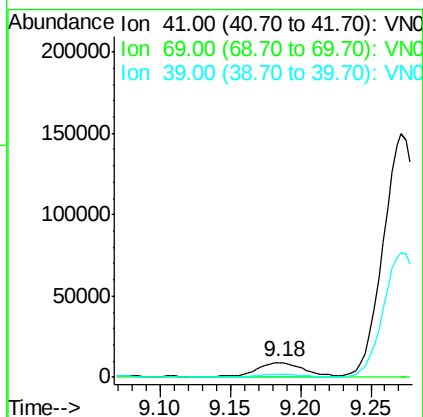
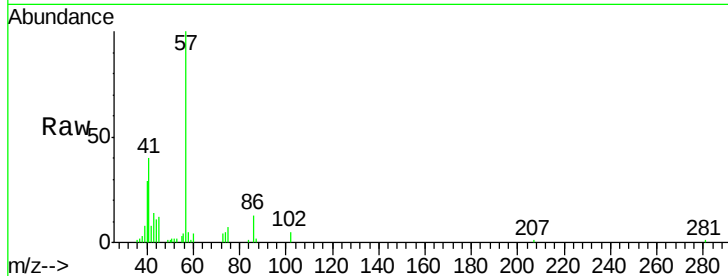




#48
Methyl methacrylate
Concen: 1.860 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

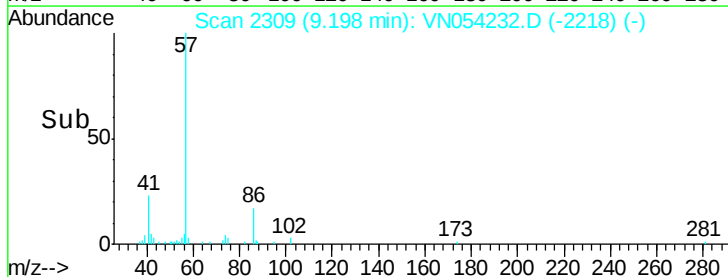
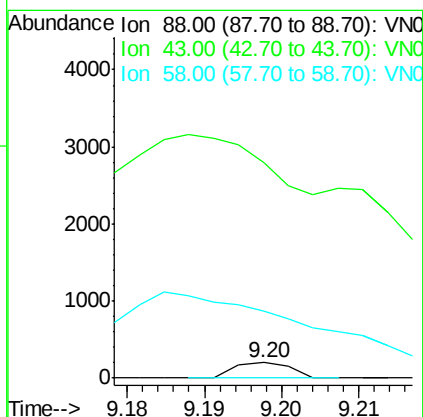
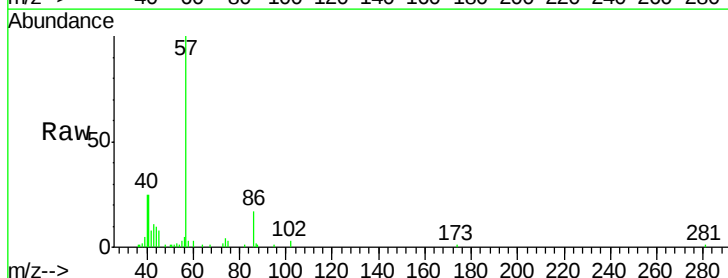
Instrument :
MSVOA_N
ClientSampled :

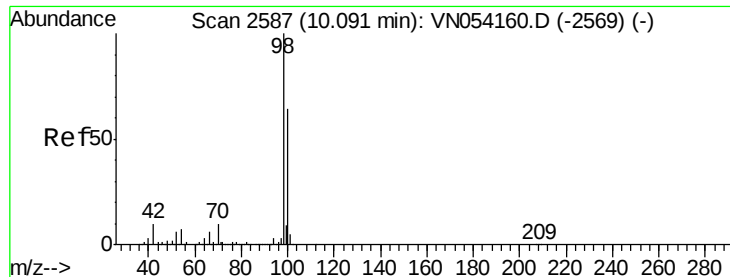
Tot Ion: 41 Resp: 20186
Ion Ratio Lower Upper
41 100
69 0.2 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 0.664 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.01 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 2248.0 50.8 76.2#





#50

Toluene-d8

Concen: 53.214 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

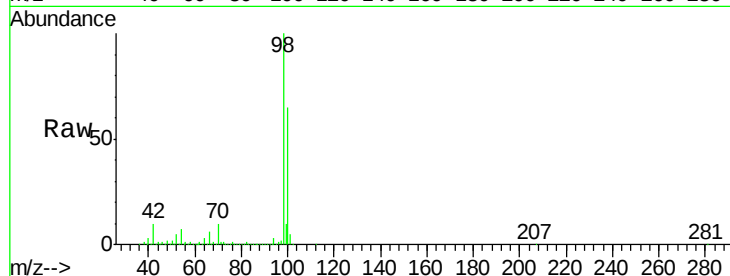
ClientSampleId :

Tot Ion: 98 Resp: 2918465

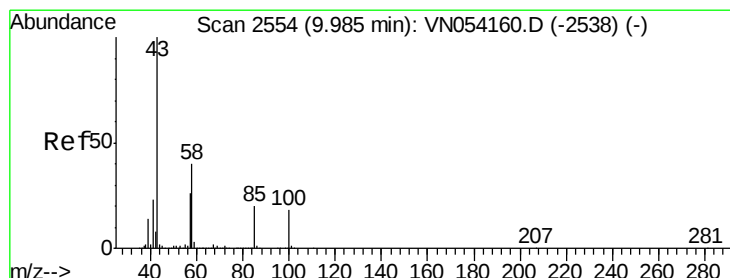
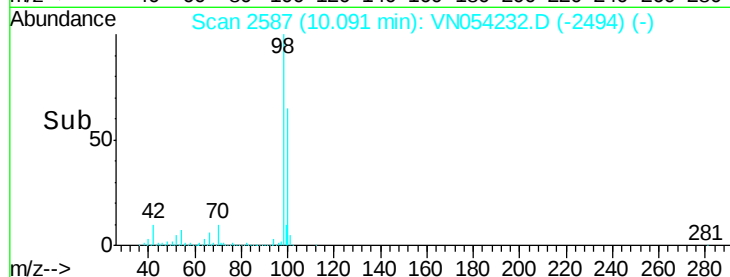
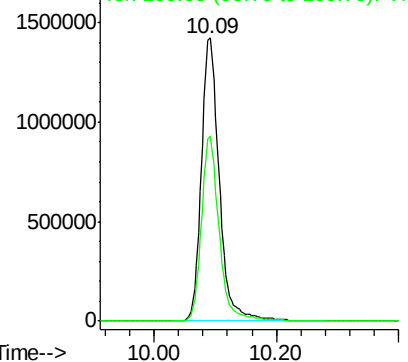
Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.713 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054232.D

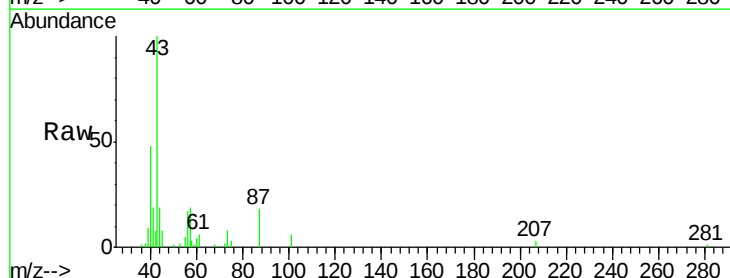
Acq: 14 Mar 2019 00:53

Tgt Ion: 43 Resp: 19388

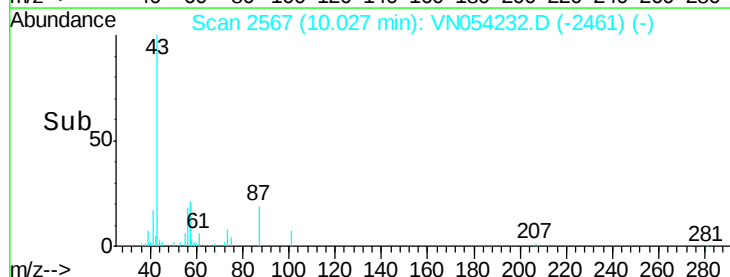
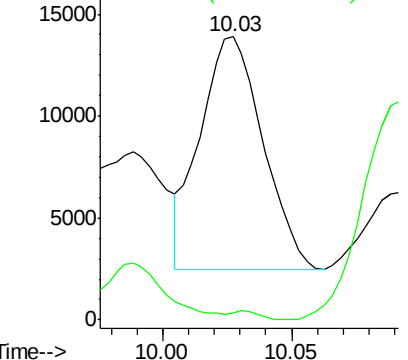
Ion Ratio Lower Upper

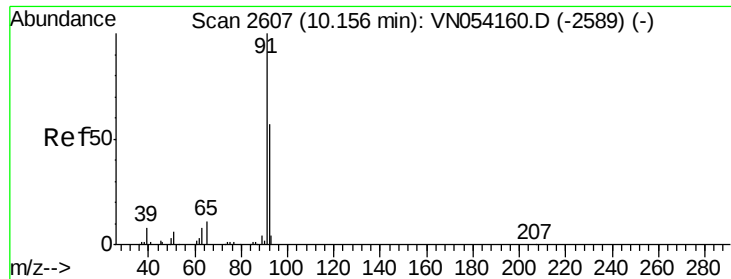
43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-2538) (-)





#52

Toluene

Concen: 0.463 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

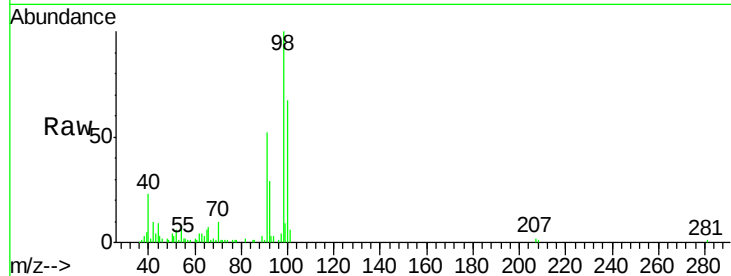
ClientSampled :

Tot Ion: 92 Resp: 17831

Ion Ratio Lower Upper

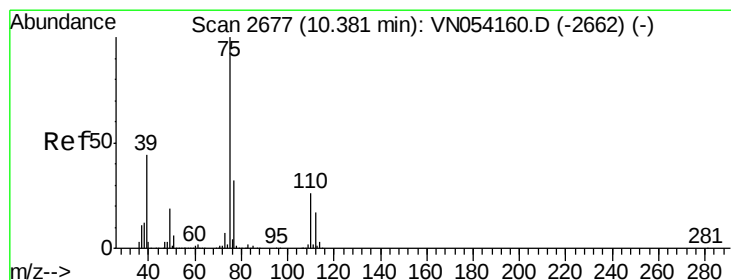
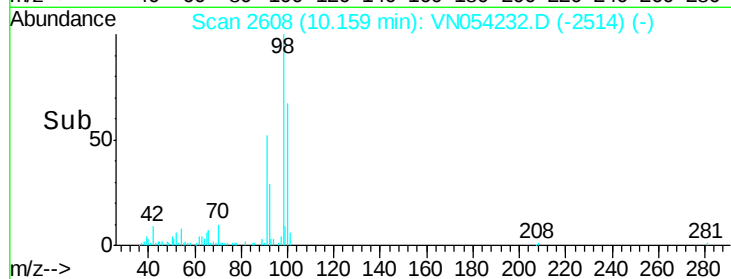
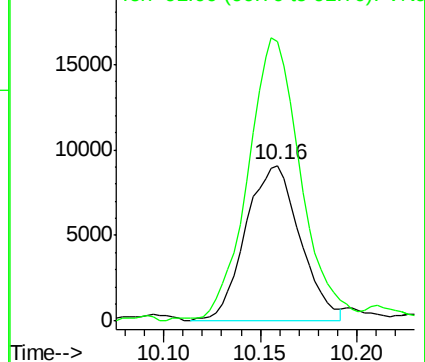
92 100

91 177.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.023 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN054232.D

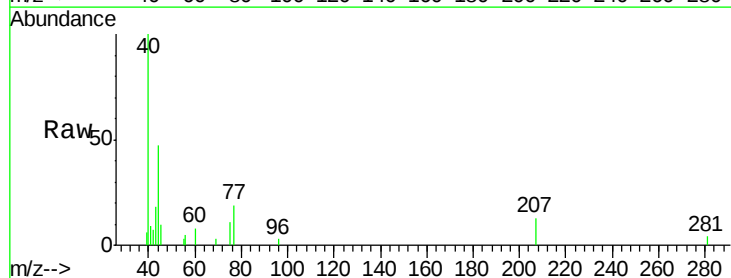
Acq: 14 Mar 2019 00:53

Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

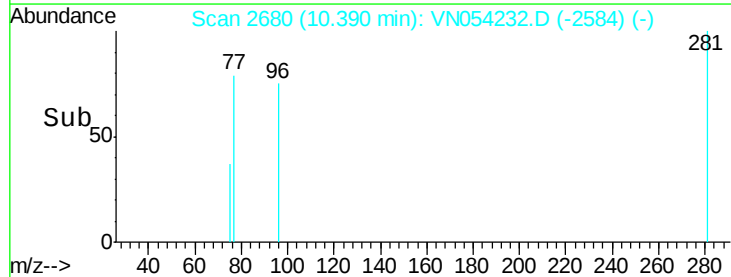
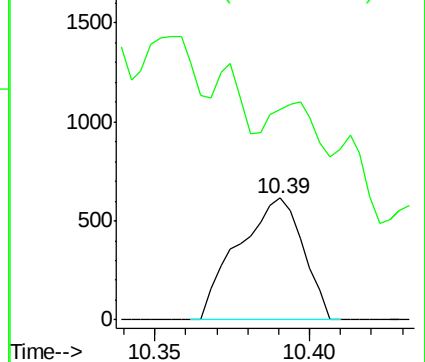
75 100

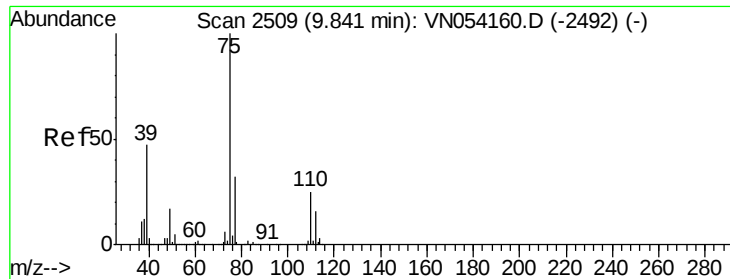
77 33.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



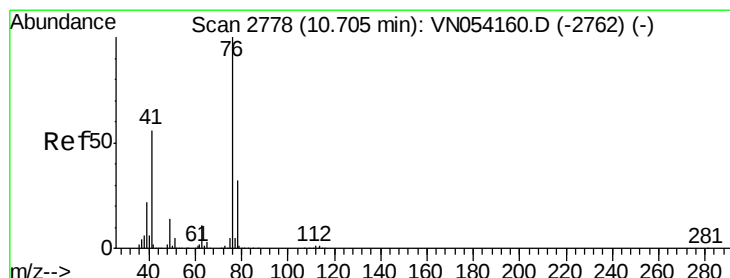
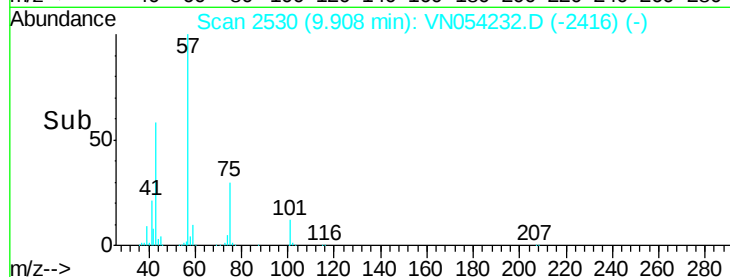
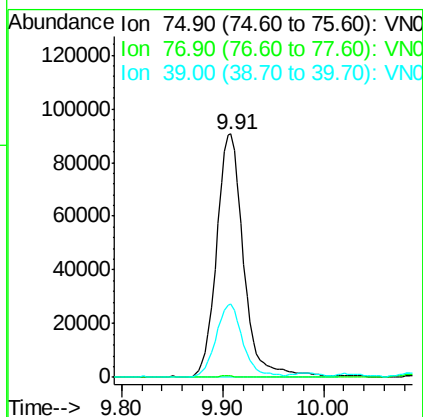
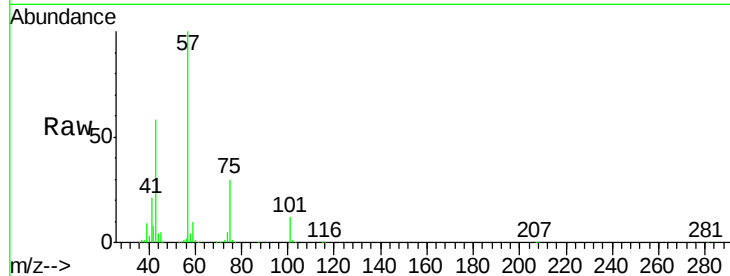


#54

cis-1,3-Dichloropropene
 Concen: 7.138 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Instrument :
 MSVOA_N
 ClientSampleId :

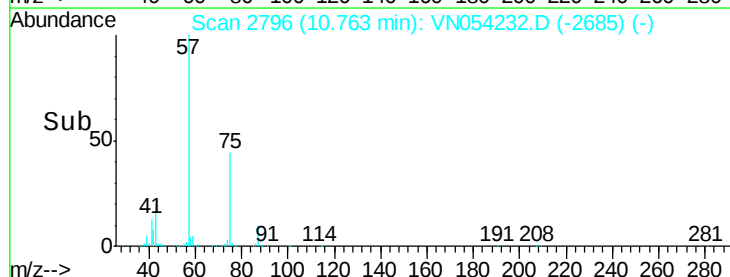
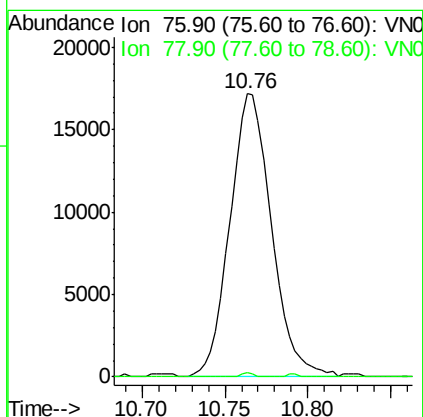
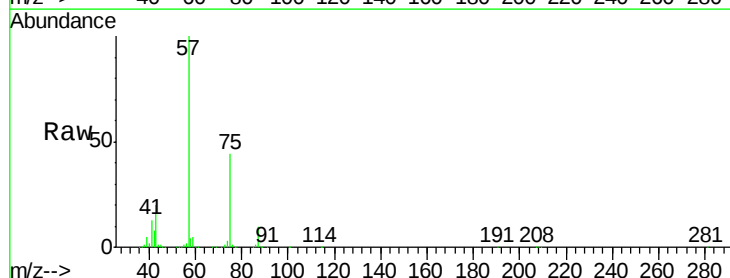
Tot Ion: 75 Resp: 169759
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 29.6 37.2 55.8#

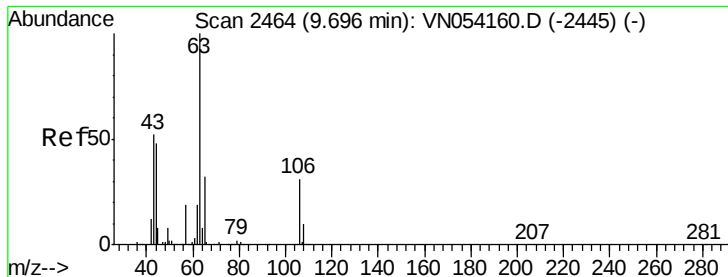


#57

1,3-Dichloropropane
 Concen: 1.310 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054232.D
 Acq: 14 Mar 2019 00:53

Tgt Ion: 76 Resp: 30086
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 16.847 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

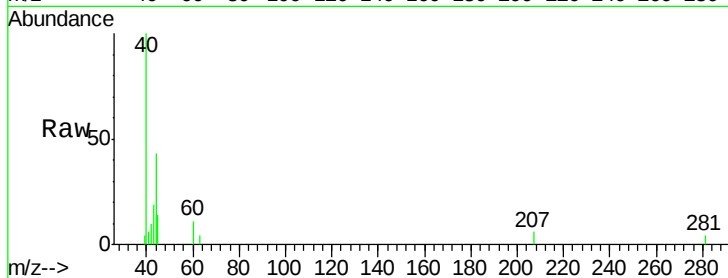
ClientSampleId :

Tot Ion: 63 Resp: 147

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

200

150

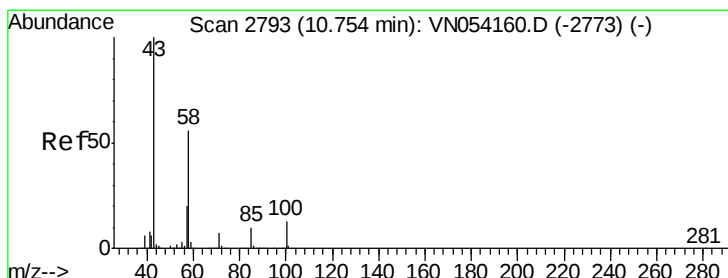
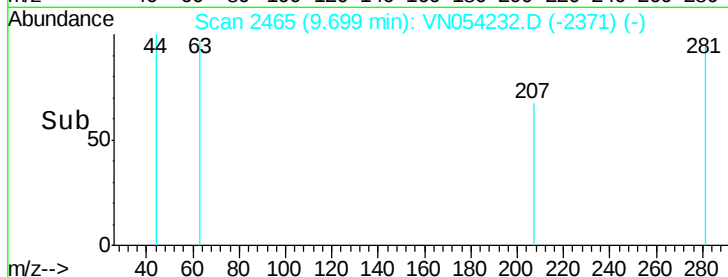
100

50

0

9.68 9.69 9.70 9.71

Time-->



#59

2-Hexanone

Concen: 53.875 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054232.D

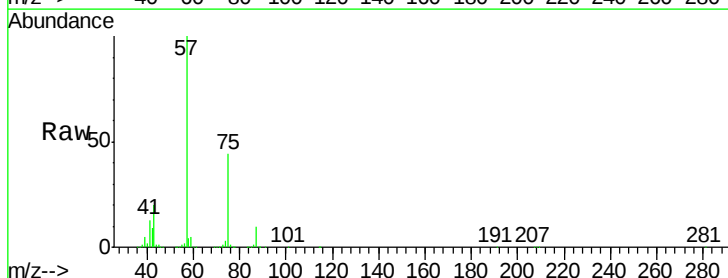
Acq: 14 Mar 2019 00:53

Tgt Ion: 43 Resp: 405706

Ion Ratio Lower Upper

43 100

58 19.5 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.77

250000

200000

150000

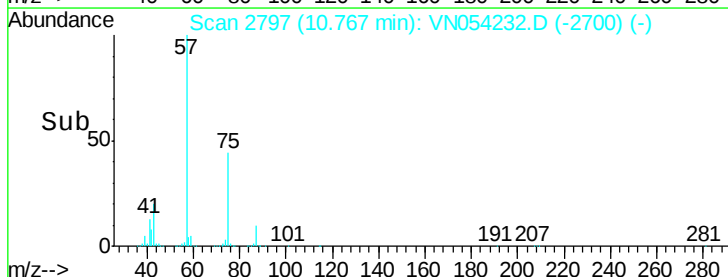
100000

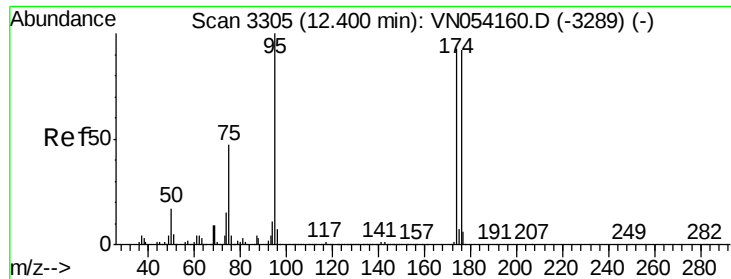
50000

0

10.70 10.75 10.80

Time-->





#62

4-Bromofluorobenzene

Concen: 59.757 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampled :

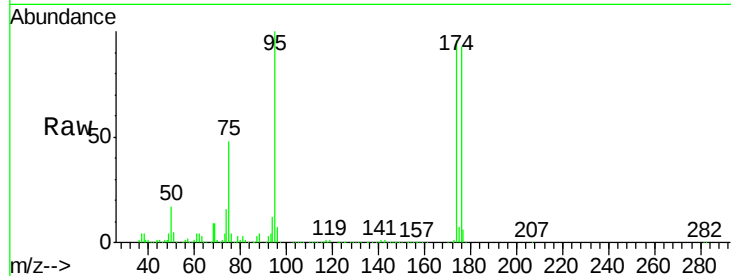
Tot Ion: 95 Resp: 1146736

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

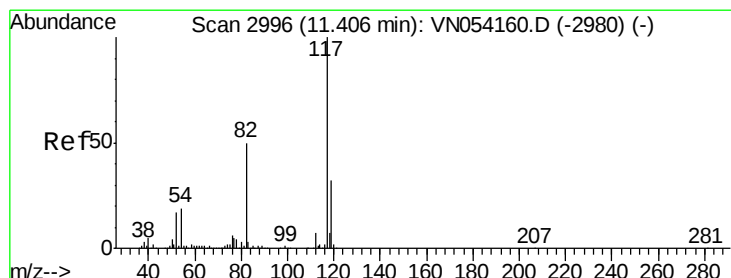
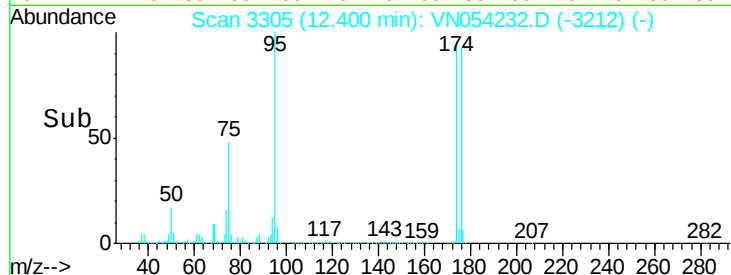
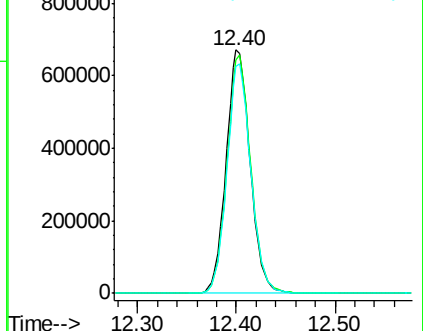
176 93.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054232.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054232.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054232.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

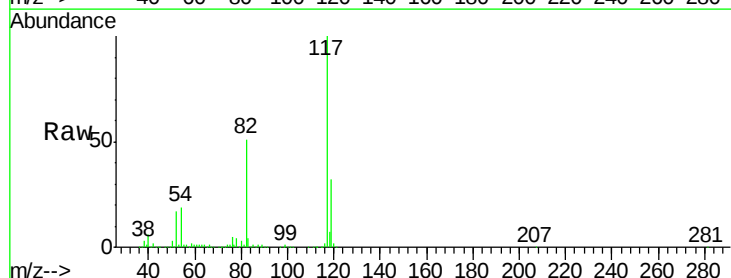
Tgt Ion: 117 Resp: 2464429

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

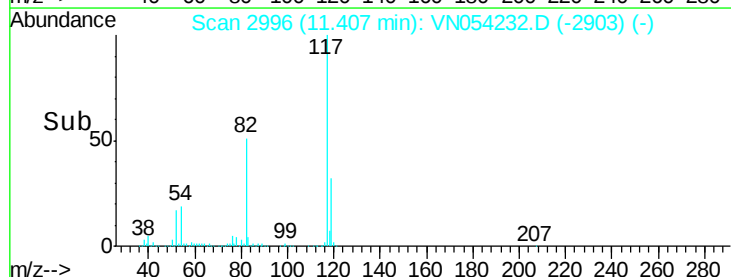
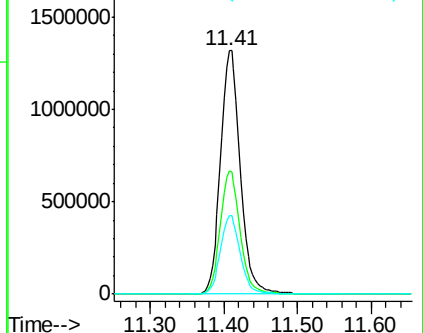
119 32.3 25.8 38.6

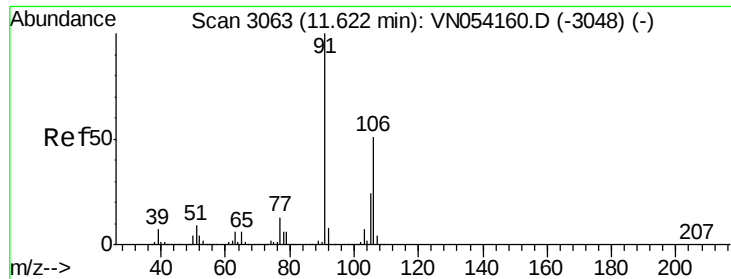


Abundance Ion 116.90 (116.60 to 117.60): VN054232.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054232.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054232.D (-2903) (-)

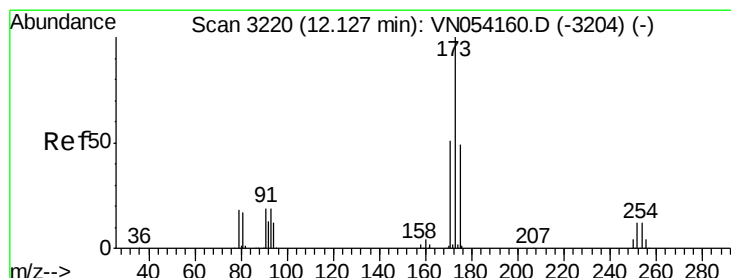
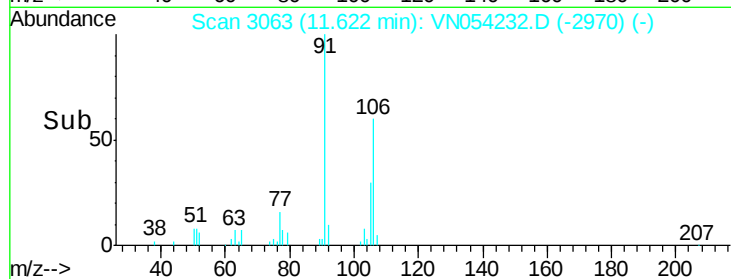
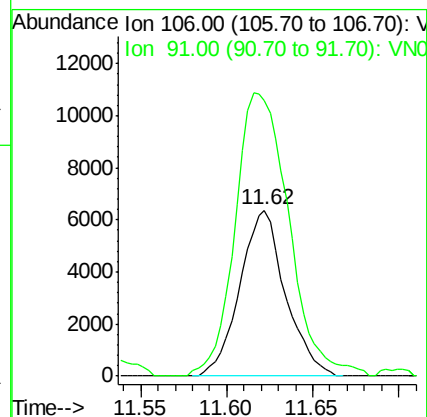
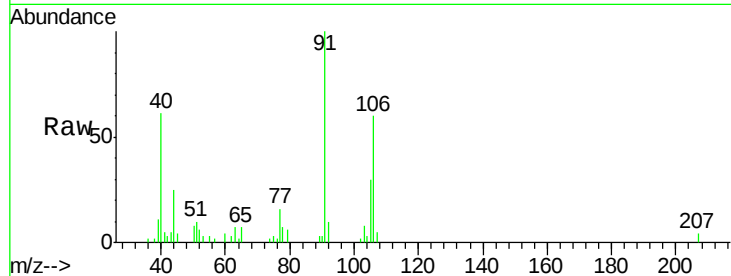




#68
m/p-Xvlenes
Concen: 0.335 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

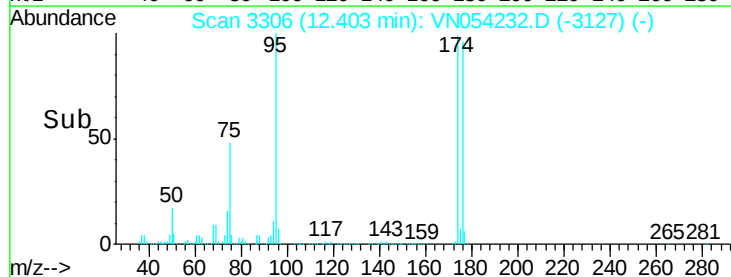
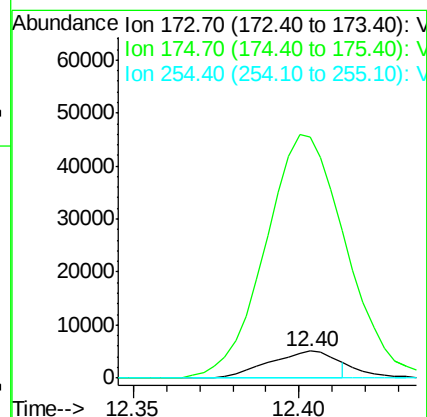
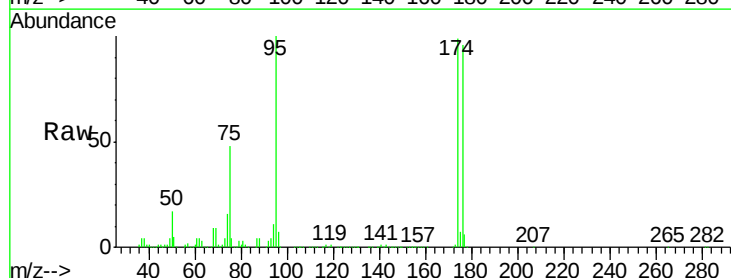
Instrument :
MSVOA_N
ClientSampled :

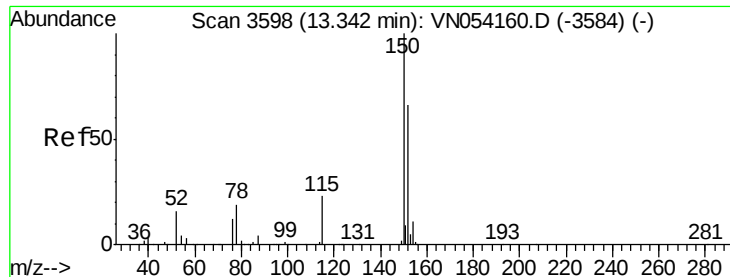
Tot Ion:106 Resp: 11733
Ion Ratio Lower Upper
106 100
91 201.4 159.4 239.2



#71
Bromoform
Concen: 2.804 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054232.D
Acq: 14 Mar 2019 00:53

Tgt Ion:173 Resp: 7131
Ion Ratio Lower Upper
173 100
175 934.2 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: VN054232.D

Acq: 14 Mar 2019 00:53

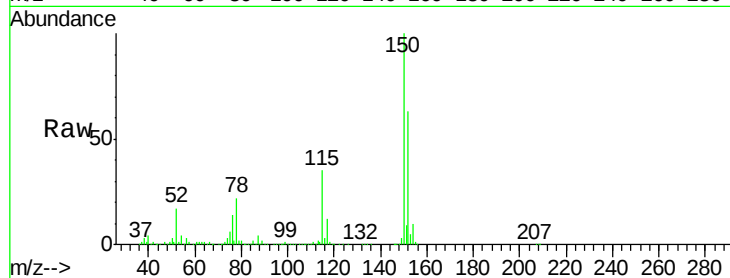
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 1143273

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.2	81.6
150	156.3	0.0	349.2

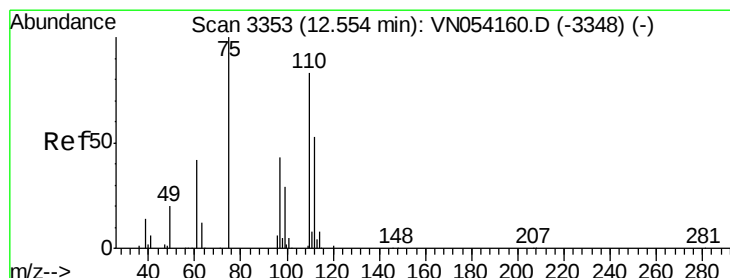
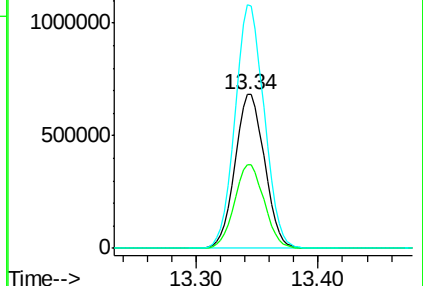
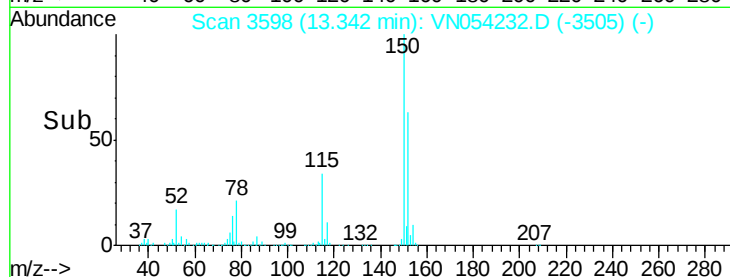


Abundance

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: 32.532 ug/l

RT: 12.40 min Scan# 3305

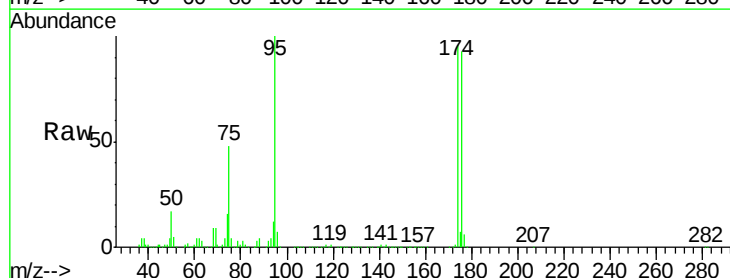
Delta R.T. -0.15 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Tgt Ion: 75 Resp: 546931

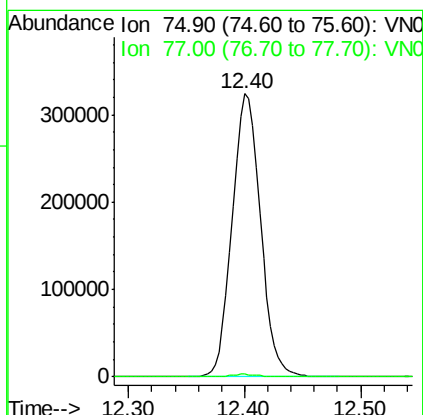
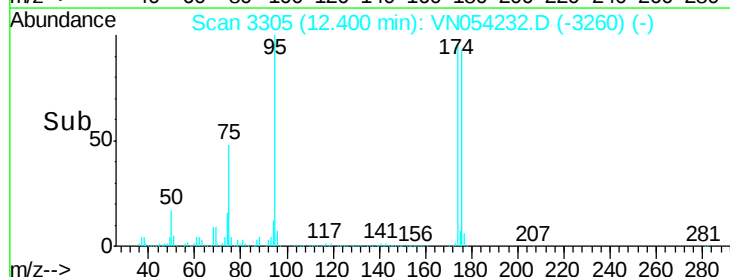
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

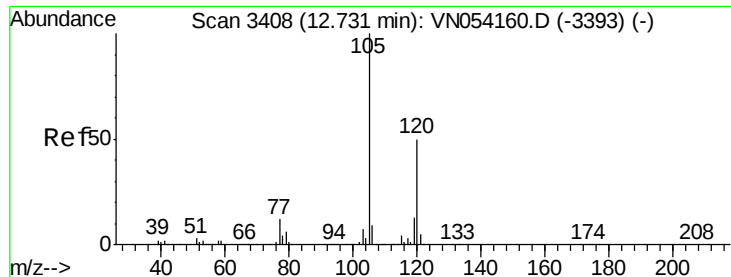


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.348 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

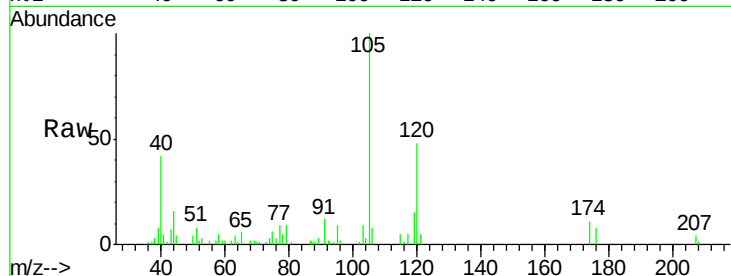
ClientSampleId :

Tot Ion:105 Resp: 26475

Ion Ratio Lower Upper

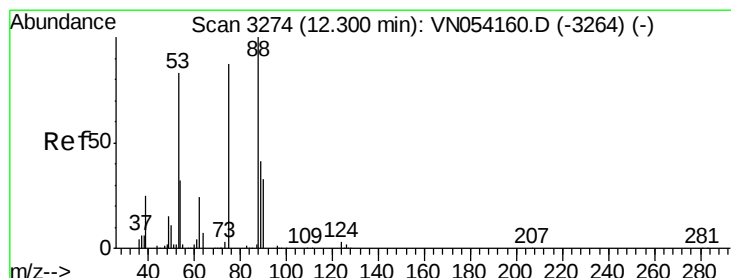
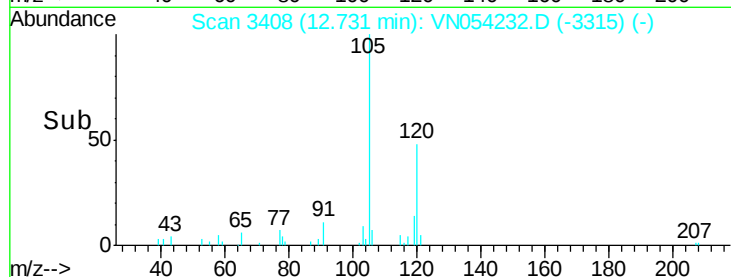
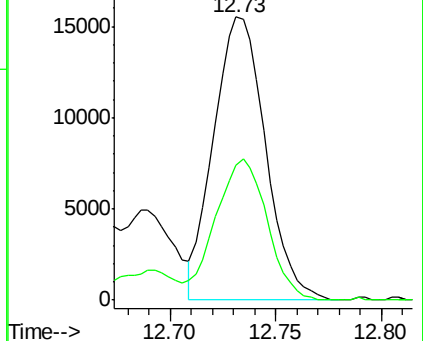
105 100

120 49.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 111.207 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

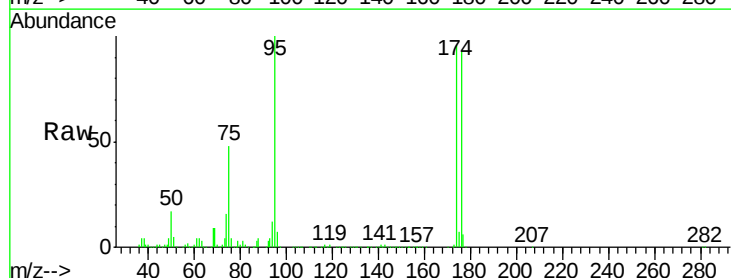
Tgt Ion: 75 Resp: 546931

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

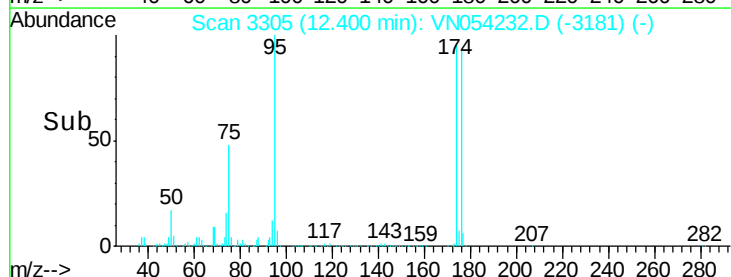
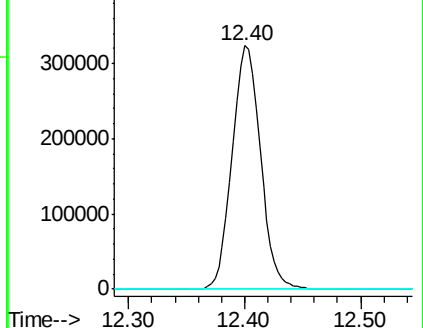
89 0.0 39.2 58.8#

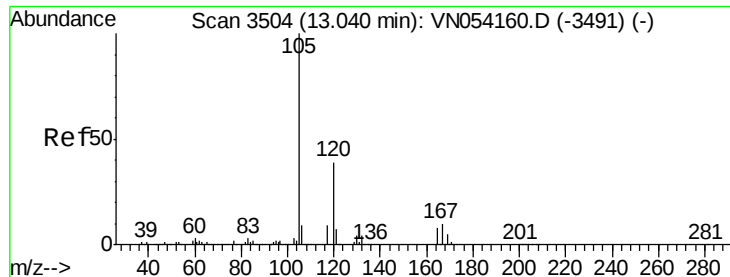


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.724 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

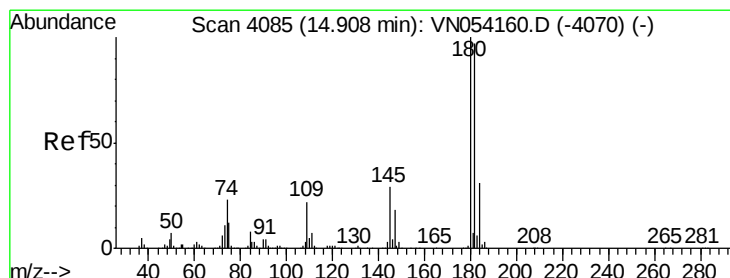
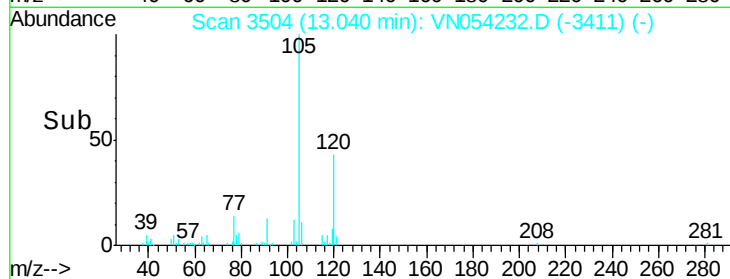
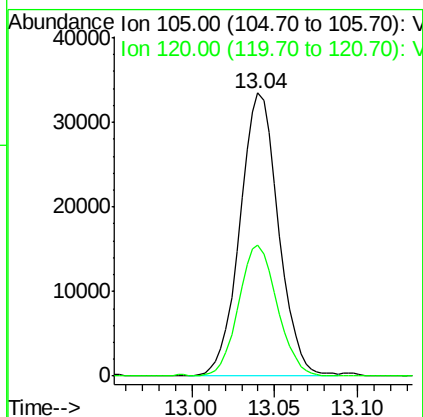
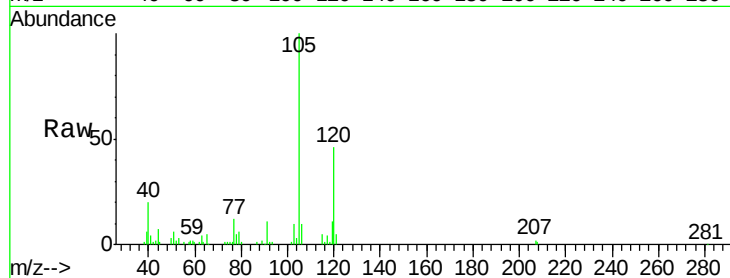
ClientSampleId :

Tot Ion:105 Resp: 54076

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.3



#93

1,2,4-Trichlorobenzene

Concen: 2.711 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

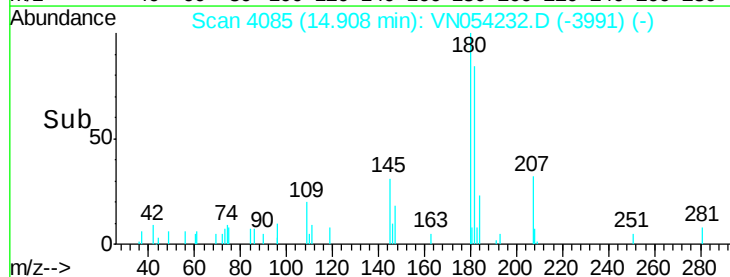
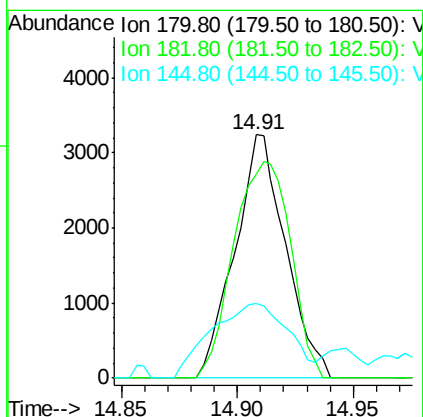
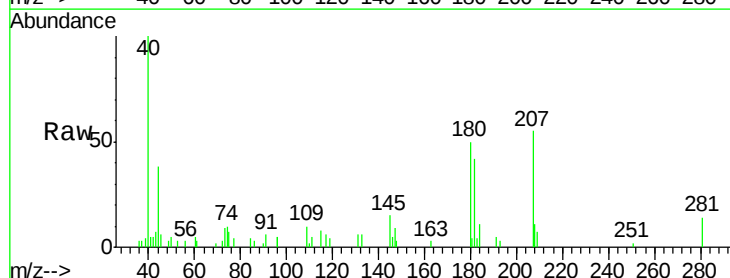
Tgt Ion:180 Resp: 4919

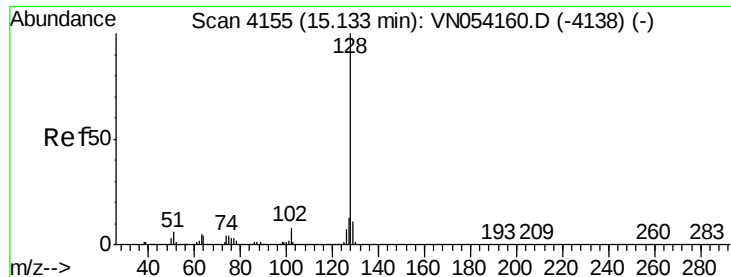
Ion Ratio Lower Upper

180 100

182 99.9 48.0 144.2

145 46.9 14.2 42.8#





#95

Naphthalene

Concen: 4.883 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

Instrument :

MSVOA_N

ClientSampled :

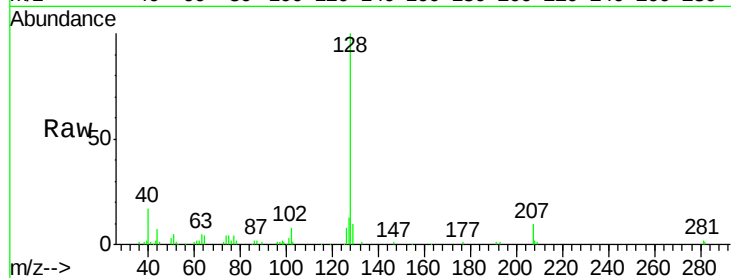
Tot Ion:128 Resp: 76153

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

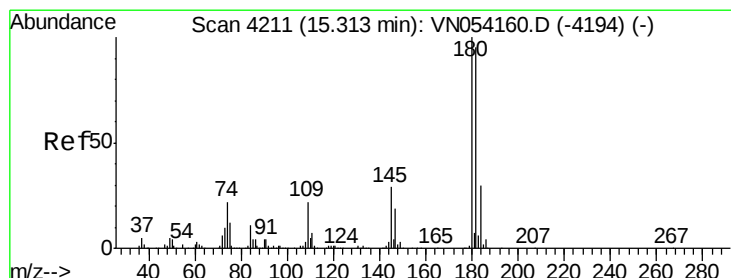
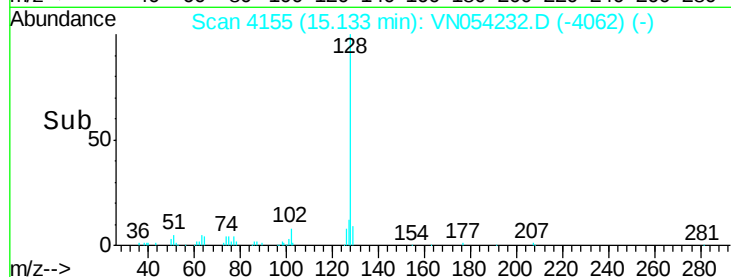
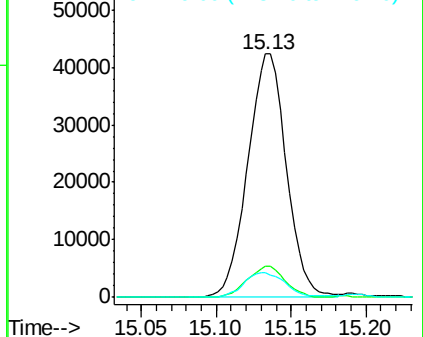
129 11.1 8.7 13.1



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: 0.242 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN054232.D

Acq: 14 Mar 2019 00:53

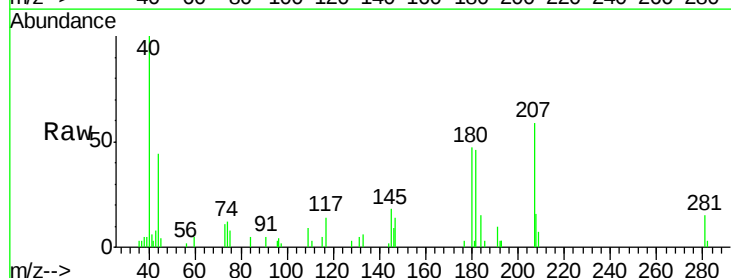
Tgt Ion:180 Resp: 5117

Ion Ratio Lower Upper

180 100

182 101.3 47.5 142.6

145 44.7 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

