

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054250.D
 Acq On : 14 Mar 2019 8:48
 Operator : JC/SP
 Sample : K1863-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 09:29:29 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	7.66	168	1342202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2270516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2461899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1221479	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	747619	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	688078	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	2849776	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	1179893	62.35	ug/l	0.00
Spiked Amount			Recovery	=	124.70%	

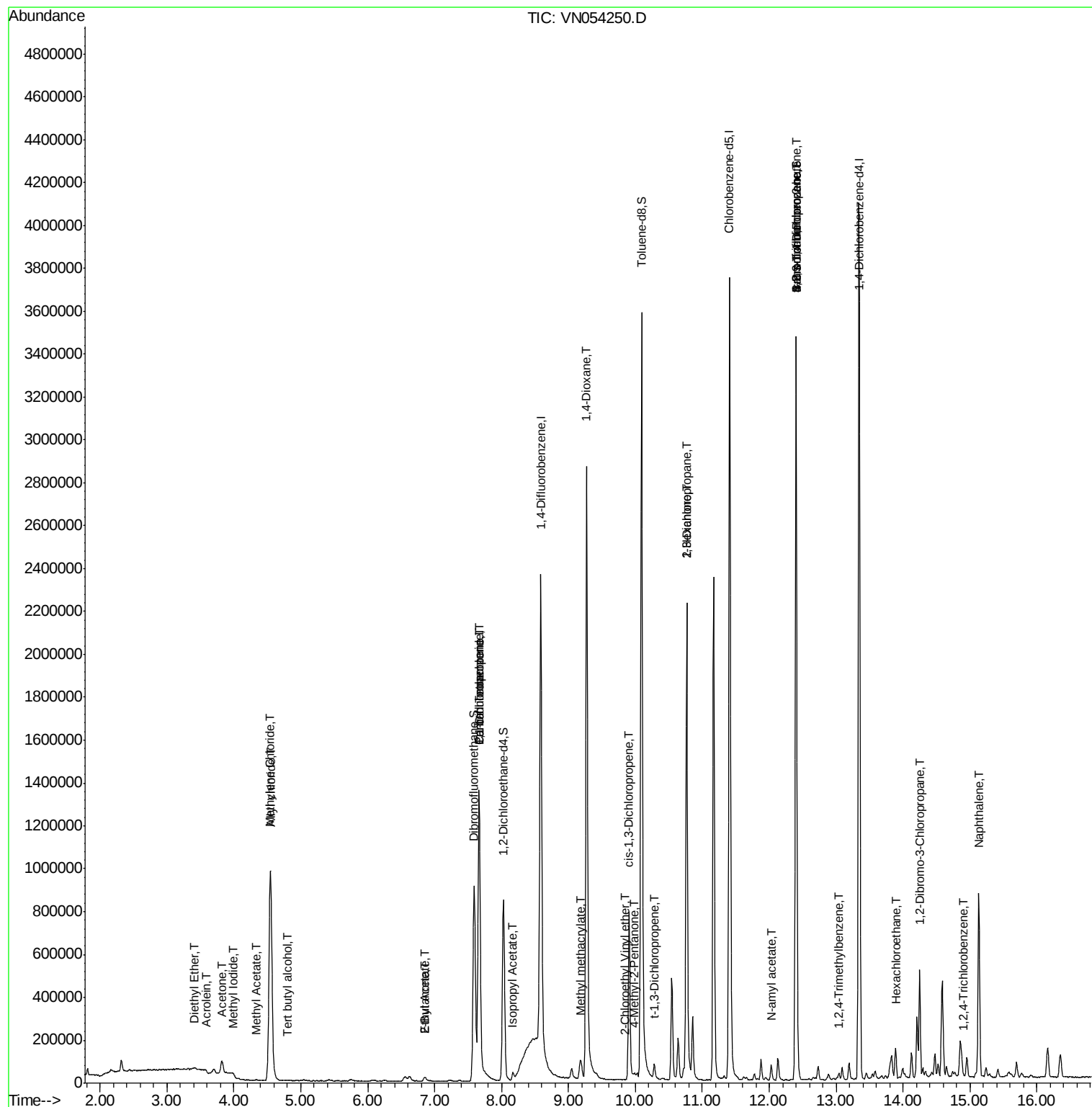
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	3095	0.362	ug/l	70
10) Methyl Iodide	4.00	142	74	1.501	ug/l #	45
11) Tert butyl alcohol	4.80	59	317	0.324	ug/l #	35
13) Acrolein	3.60	56	907	0.980	ug/l #	53
14) Allyl chloride	4.56	41	23815	1.331	ug/l #	22
16) Acetone	3.82	43	90695	22.222	ug/l	99
18) Methyl Acetate	4.34	43	3182	0.385	ug/l #	79
20) Methylene Chloride	4.55	84	804684	60.046	ug/l	98
25) 2-Butanone	6.85	43	27664	5.775	ug/l	99
31) Cyclohexane	7.67	56	22786	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	78525	3.755	ug/l #	48
37) Ethyl Acetate	6.85	43	27664	2.303	ug/l #	68
38) Carbon Tetrachloride	7.67	117	106665	4.864	ug/l #	17
43) Isopropyl Acetate	8.17	43	46445	2.202	ug/l	97
48) Methyl methacrylate	9.18	41	35459	3.313	ug/l #	28
49) 1,4-Dioxane	9.27	88	426	2.814	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	21343	1.912	ug/l #	74
53) t-1,3-Dichloropropene	10.28	75	29	1.987	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	159471	6.800	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	26653	1.177	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.84	63	62	16.836	ug/l #	44
59) 2-Hexanone	10.77	43	356282	47.978	ug/l #	52
71) Bromoform	12.40	173	7710	2.841	ug/l #	1
74) N-amyl acetate	12.03	43	48388	2.231	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	557758	31.051	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	557758	106.148	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	19023	0.239	ug/l	99
90) Hexachloroethane	13.89	117	6676	0.474	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1965	0.610	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	915	2.550	ug/l #	41
95) Naphthalene	15.13	128	767938	16.809	ug/l	99

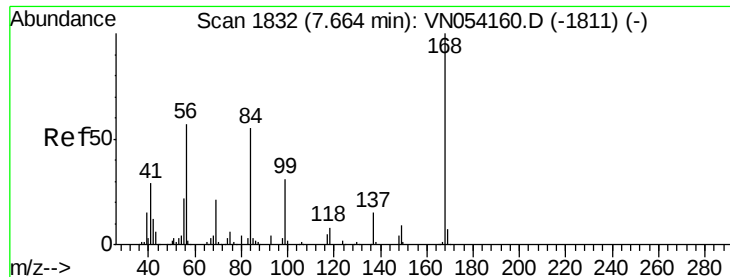
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

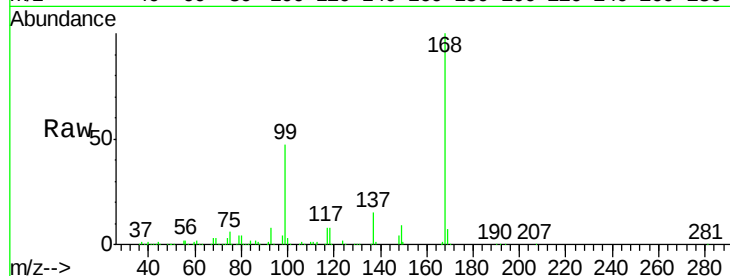
ClientSampled :

Tot Ion:168 Resp: 1342202

Ion Ratio Lower Upper

168 100

99 47.3 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

600000

500000

400000

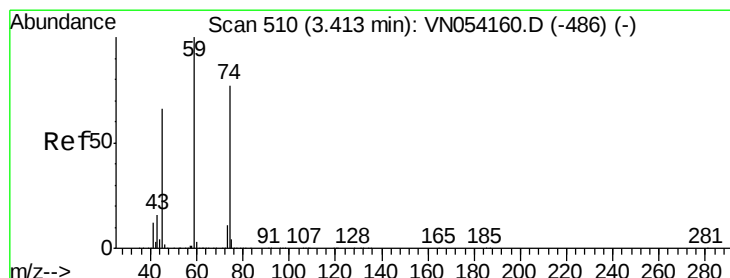
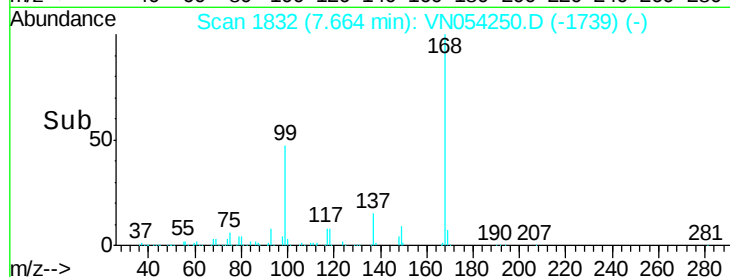
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.362 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN054250.D

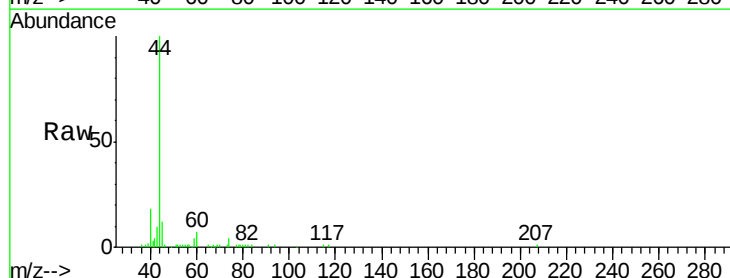
Acq: 14 Mar 2019 8:48

Tgt Ion: 74 Resp: 3095

Ion Ratio Lower Upper

74 100

45 58.7 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

5000

4000

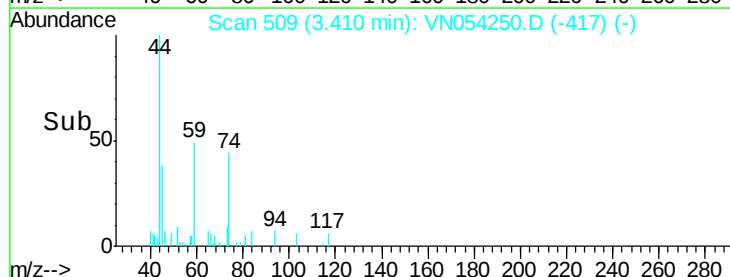
3000

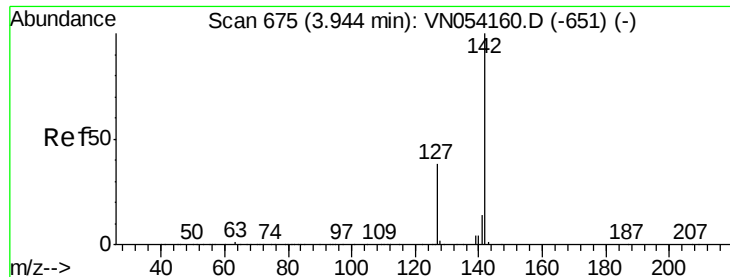
2000

1000

0

Time--> 3.35 3.40 3.45

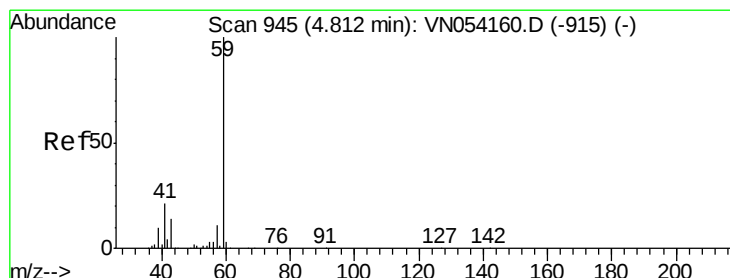
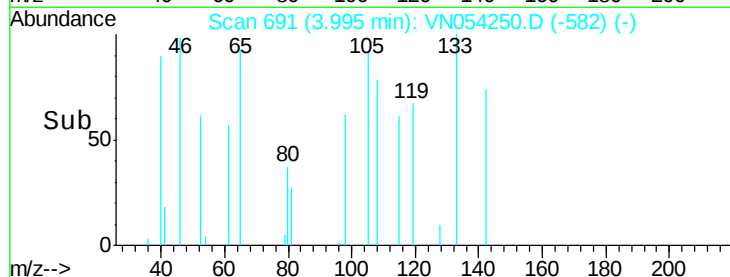
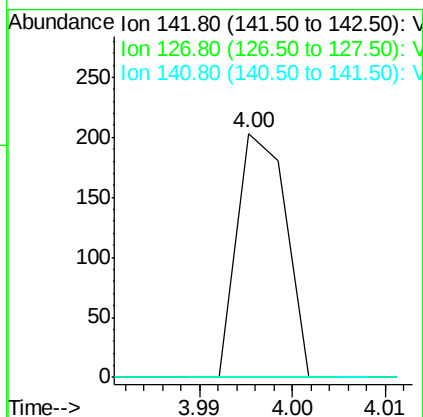
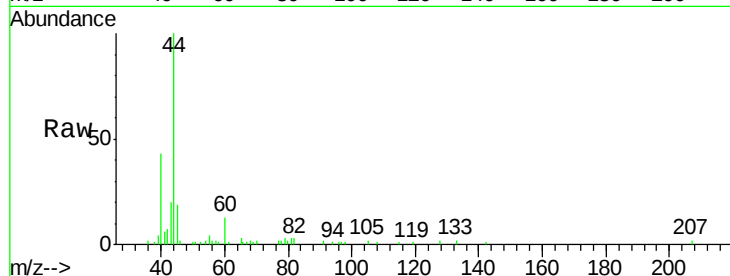




#10
Methyl Iodide
Concen: 1.501 ug/l
RT: 4.00 min Scan# 691
Delta R.T. 0.05 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

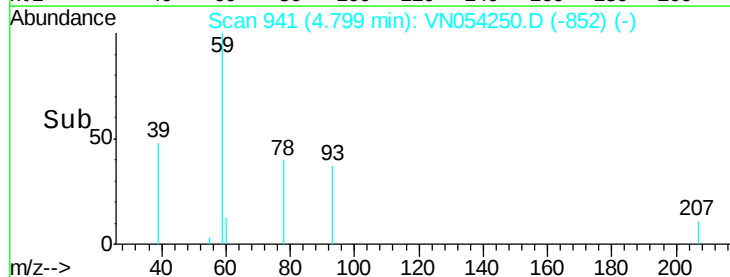
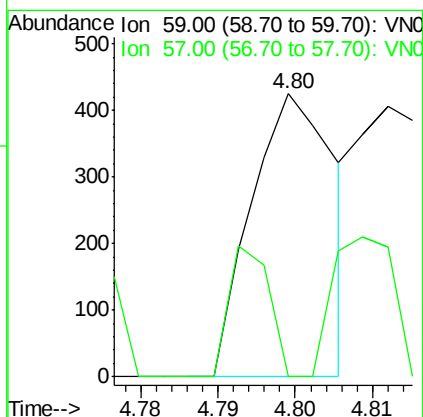
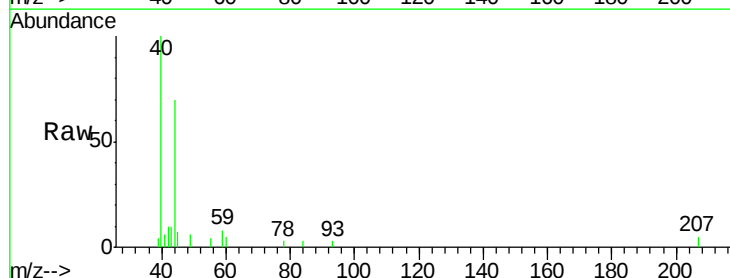
Instrument :
MSVOA_N
ClientSampled :

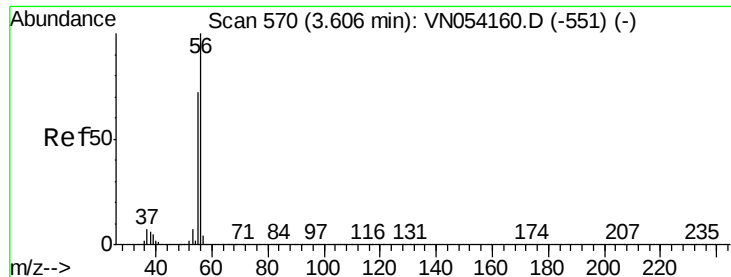
Tot Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.324 ug/l
RT: 4.80 min Scan# 941
Delta R.T. -0.01 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 36.0 9.0 13.6#





#13

Acrolein

Concen: 0.980 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

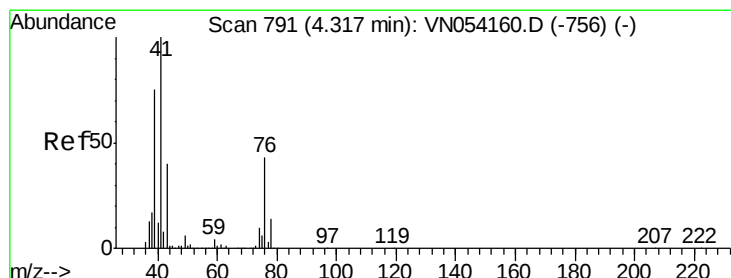
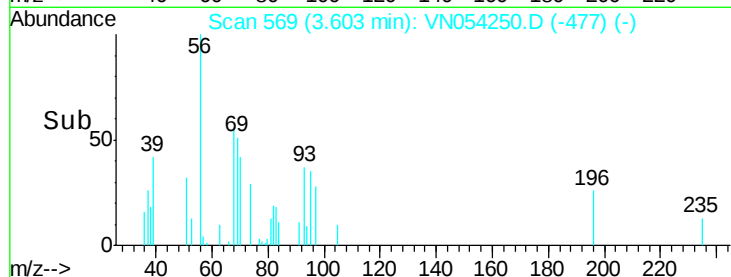
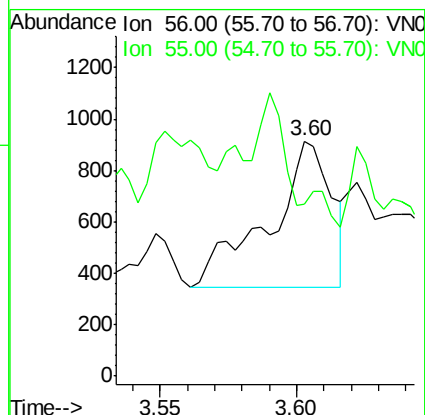
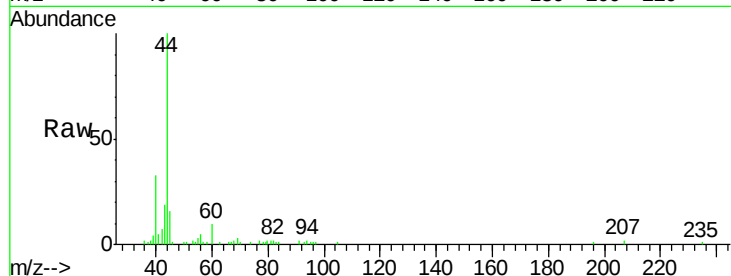
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 907

Ion Ratio Lower Upper

56 100

55 32.1 56.7 85.1#



#14

Allyl chloride

Concen: 1.331 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.24 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

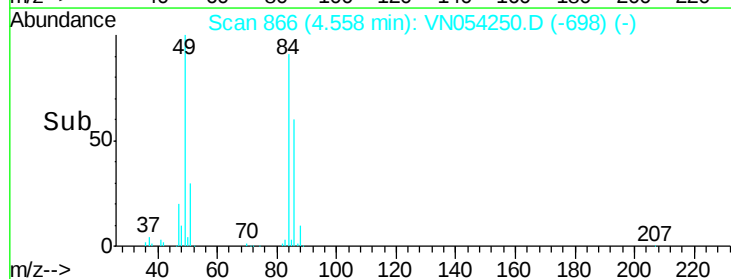
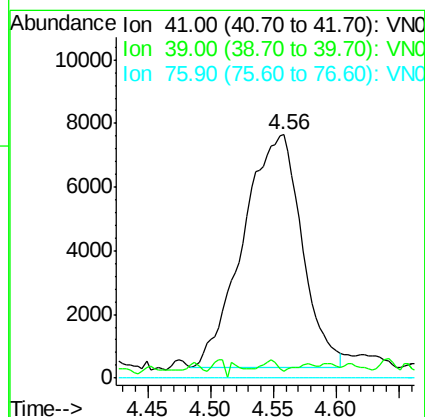
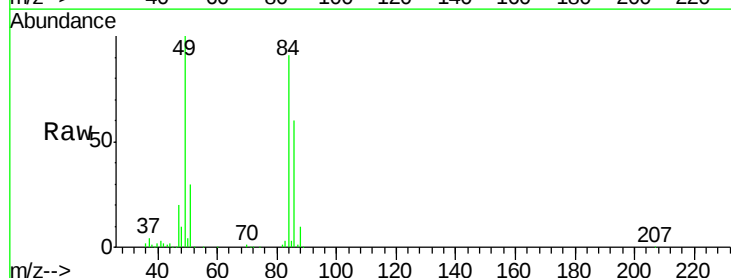
Tgt Ion: 41 Resp: 23815

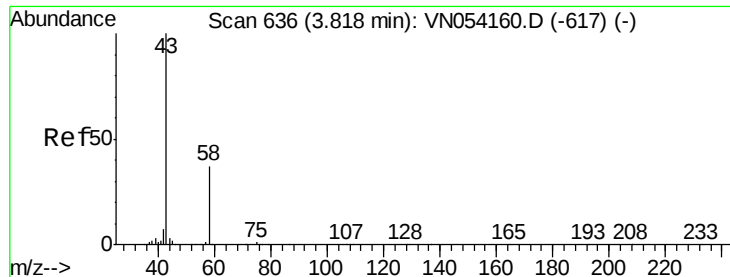
Ion Ratio Lower Upper

41 100

39 1.0 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 22.222 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

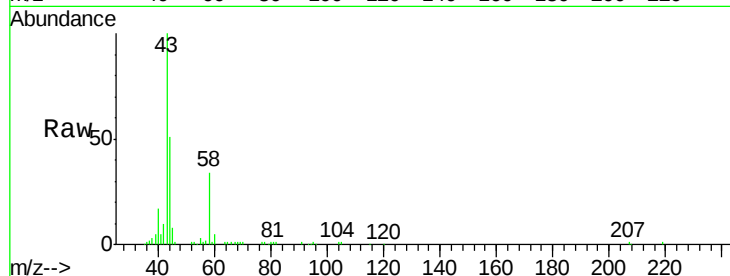
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 90695

Ion Ratio Lower Upper

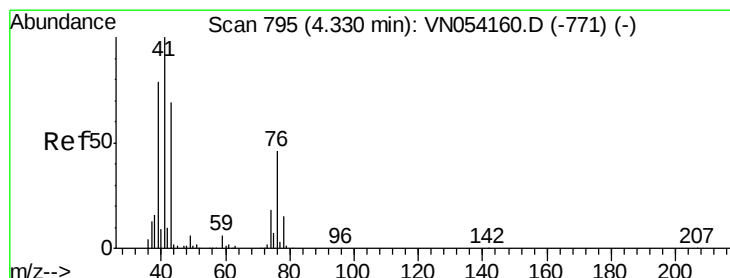
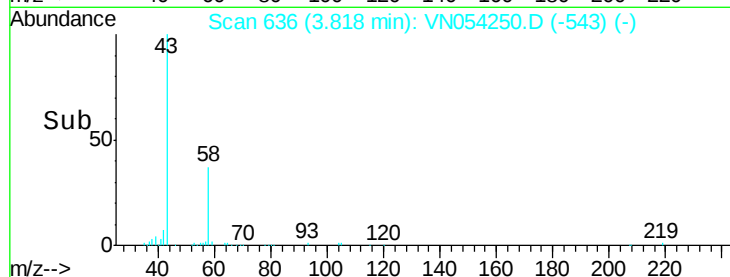
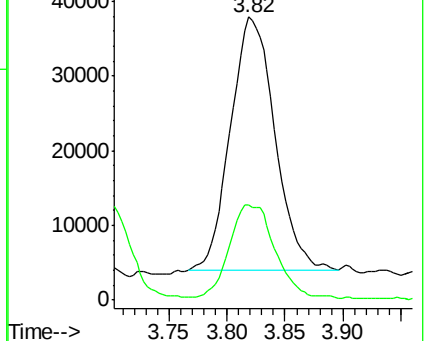
43 100

58 36.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.385 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN054250.D

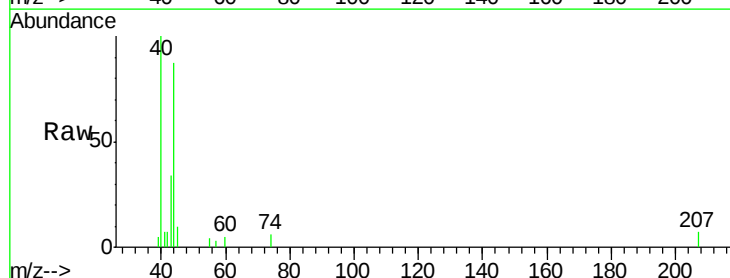
Acq: 14 Mar 2019 8:48

Tgt Ion: 43 Resp: 3182

Ion Ratio Lower Upper

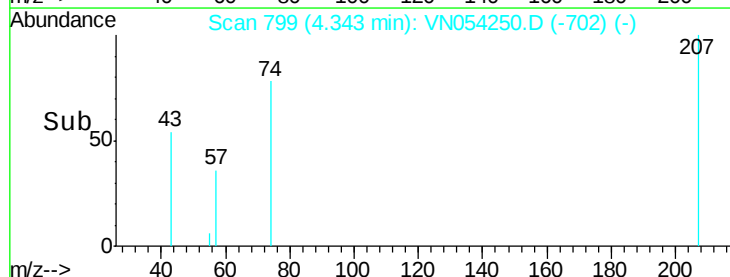
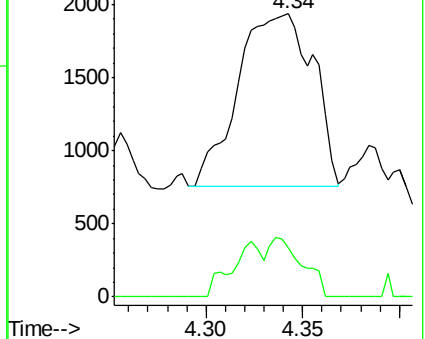
43 100

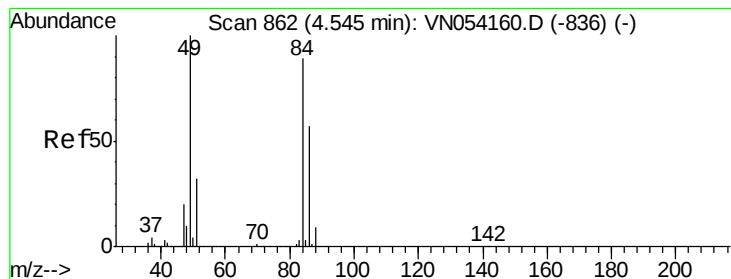
74 15.3 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 60.046 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 804684

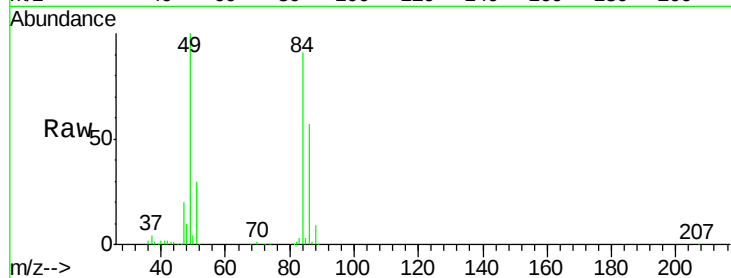
Ion Ratio Lower Upper

84 100

49 110.3 89.7 134.5

51 33.6 28.2 42.4

86 63.1 50.8 76.2

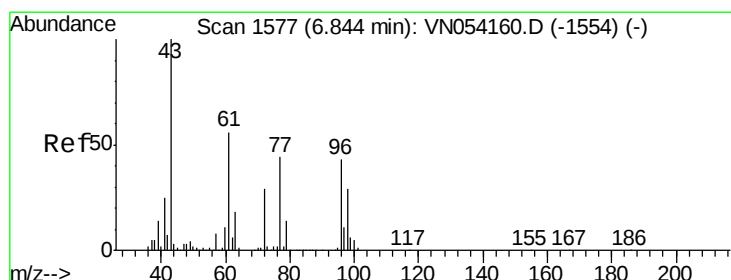
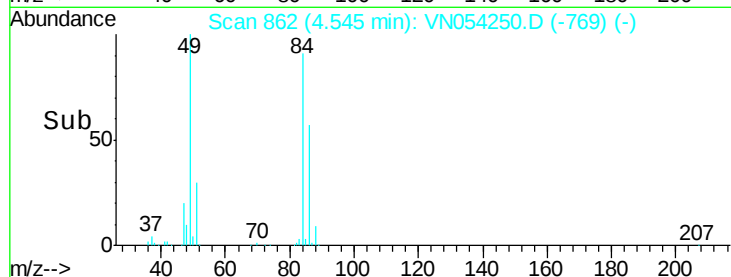
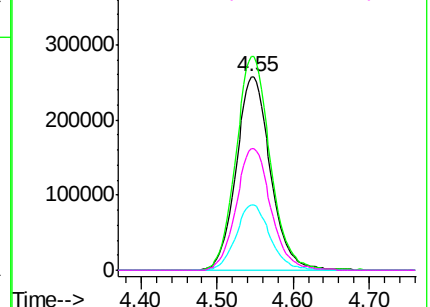


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 5.775 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054250.D

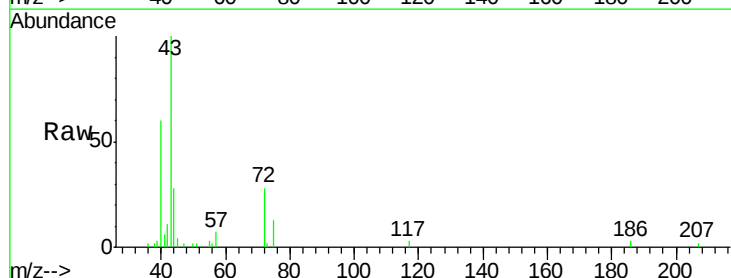
Acq: 14 Mar 2019 8:48

Tgt Ion: 43 Resp: 27664

Ion Ratio Lower Upper

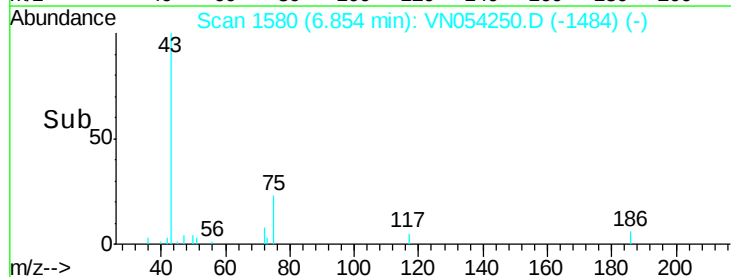
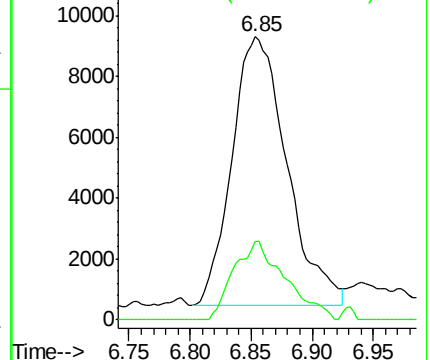
43 100

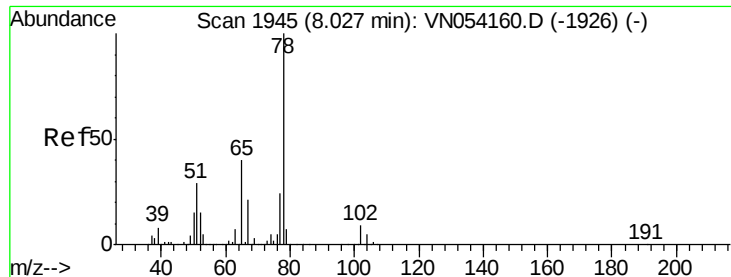
72 29.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

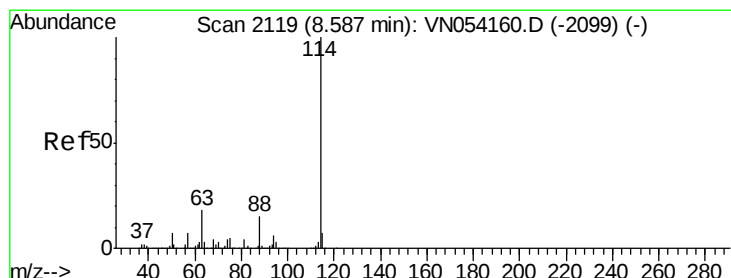
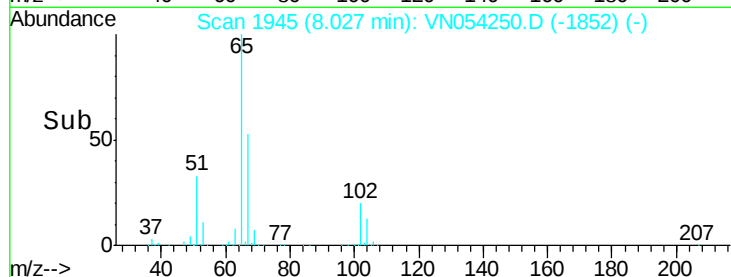
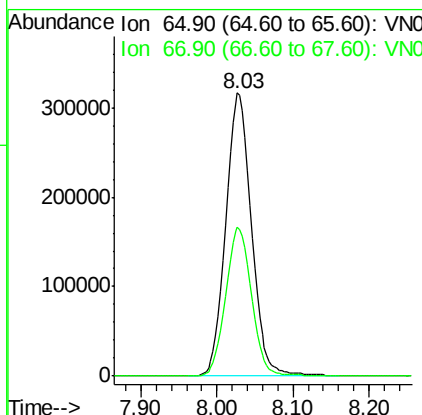
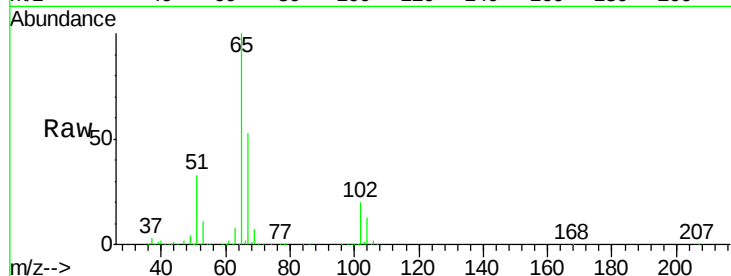




#33
 1,2-Dichloroethane-d4
 Concen: 52.449 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

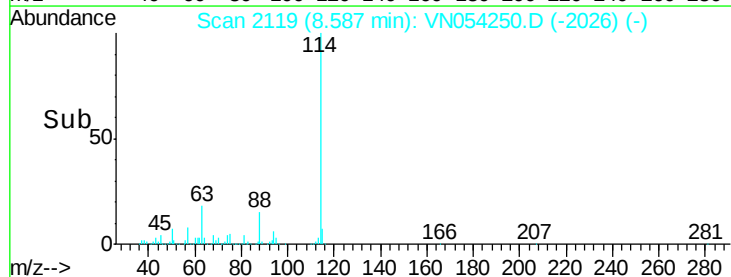
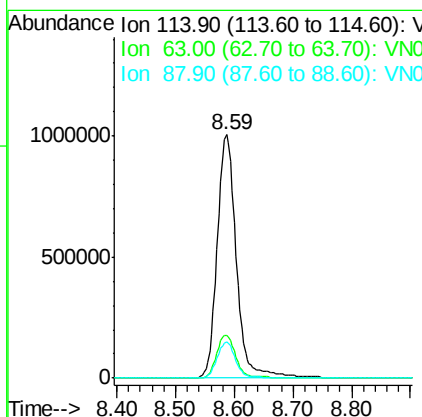
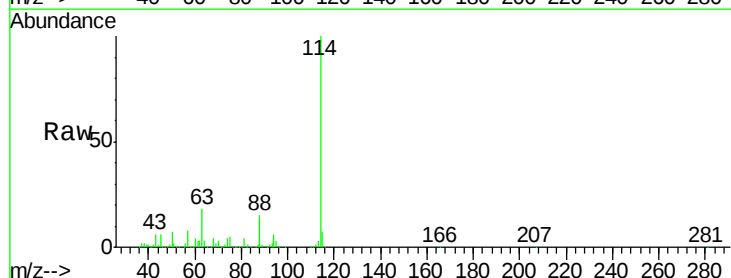
Instrument :
 MSVOA_N
 ClientSampleId :

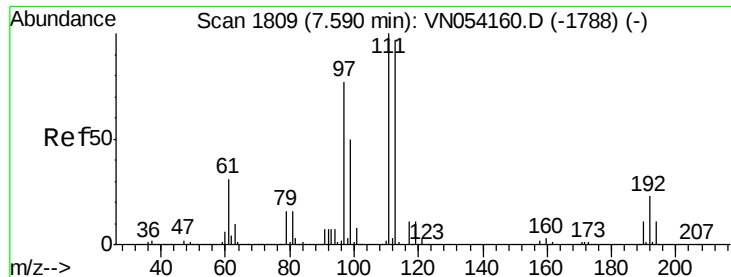
Tot Ion: 65 Resp: 747619
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion: 114 Resp: 2270516
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.9 0.0 30.2

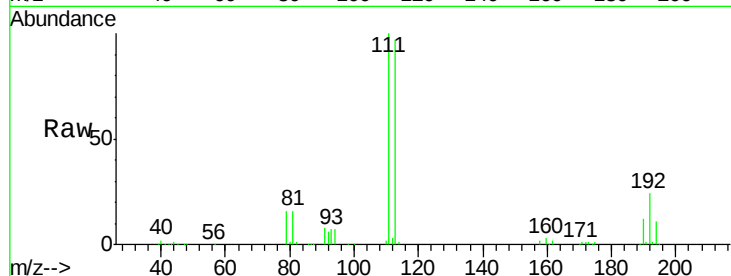




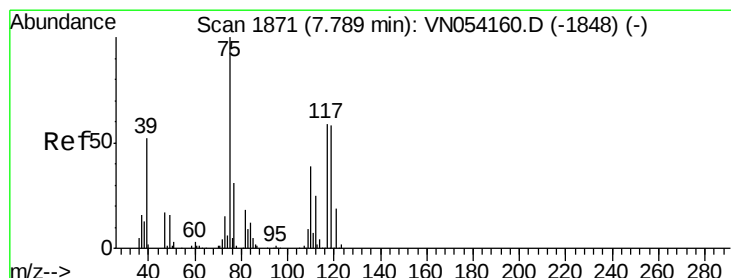
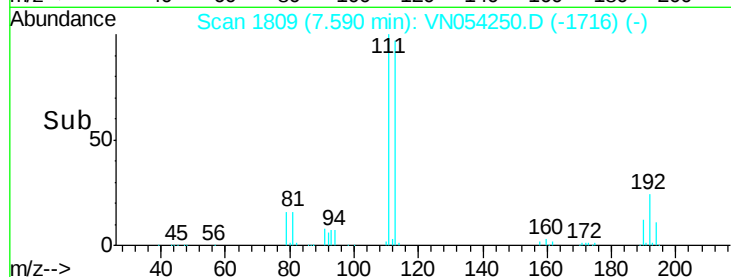
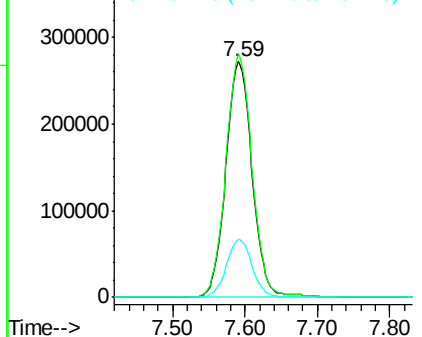
#35
 Dibromofluoromethane
 Concen: 46.987 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	24.2	19.2	28.8

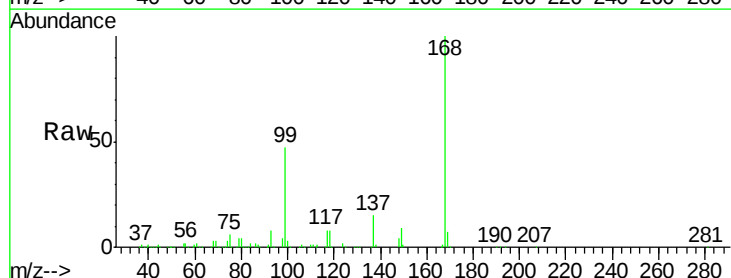


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

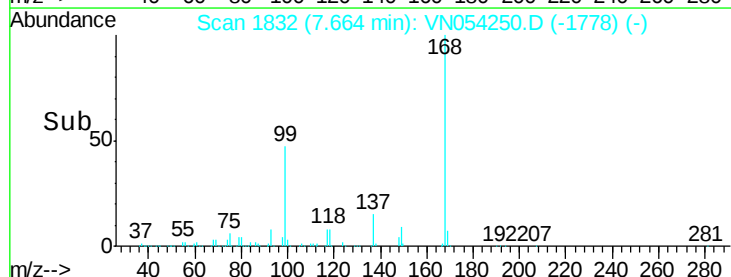
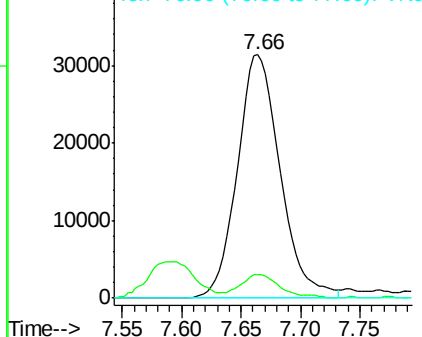


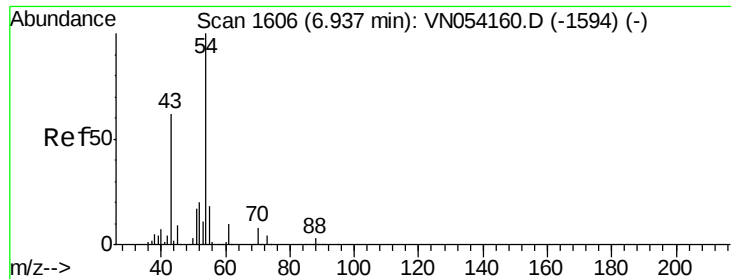
#36
 1,1-Dichloropropene
 Concen: 3.755 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	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

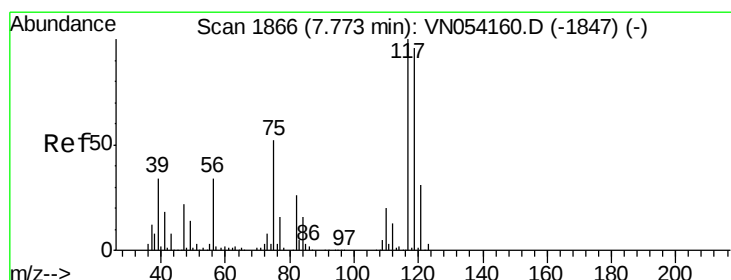
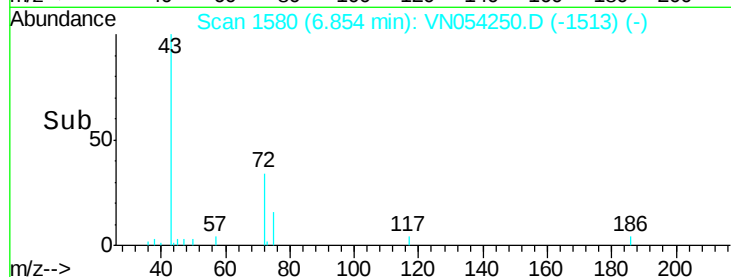
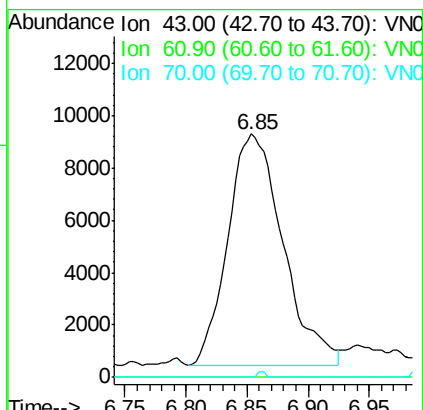
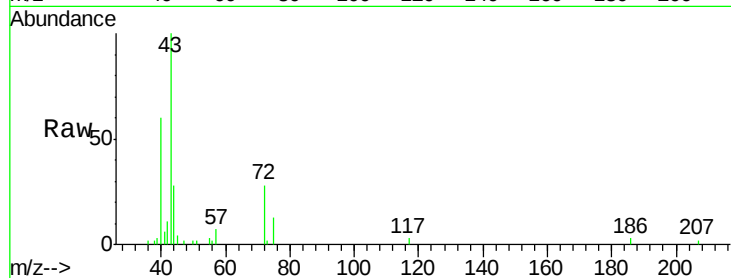




#37
Ethyl Acetate
Concen: 2.303 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

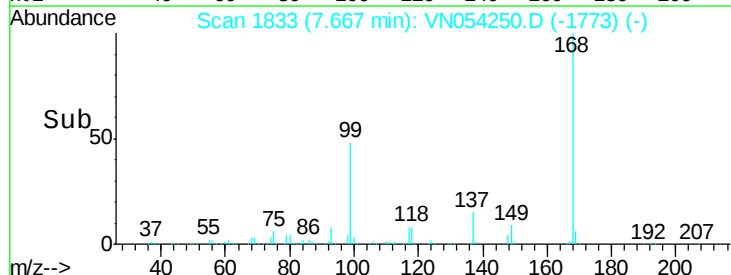
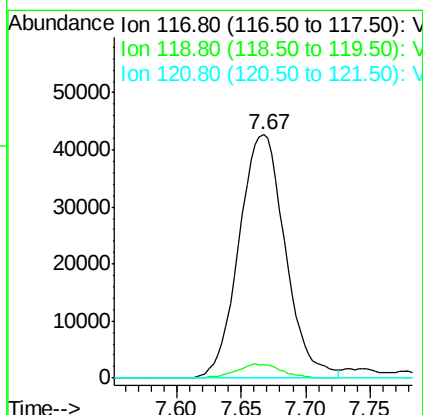
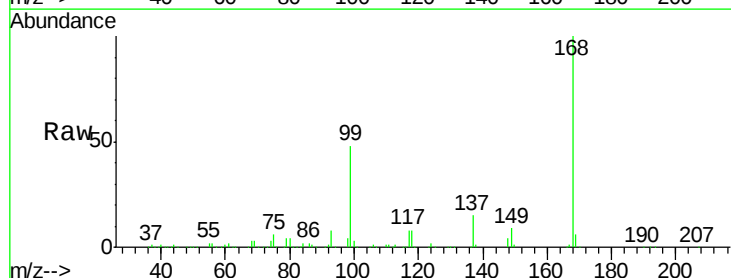
Instrument :
MSVOA_N
ClientSampleId :

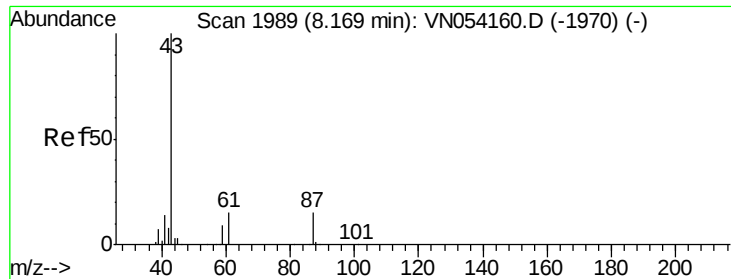
Tot Ion: 43 Resp: 27664
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.3 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.864 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Tgt Ion: 117 Resp: 106665
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 24.6 36.8#



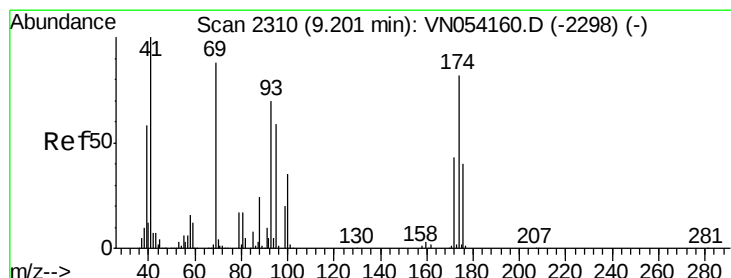
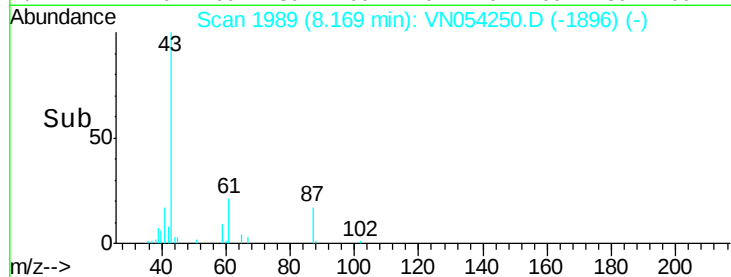
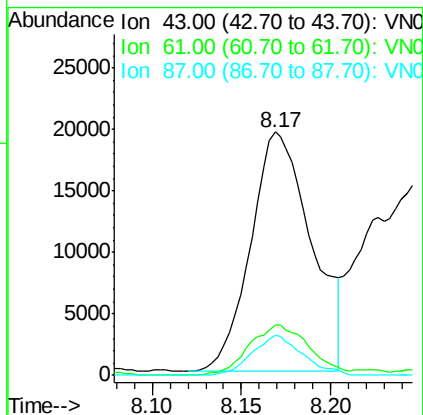
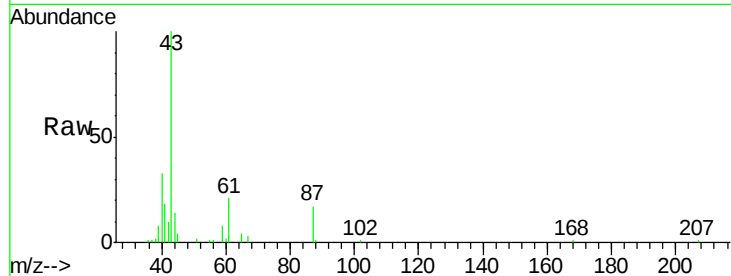


#43

Isopropyl Acetate
 Concen: 2.202 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Instrument :
 MSVOA_N
 ClientSampled :

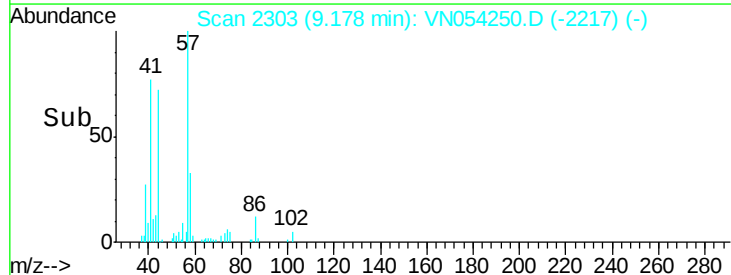
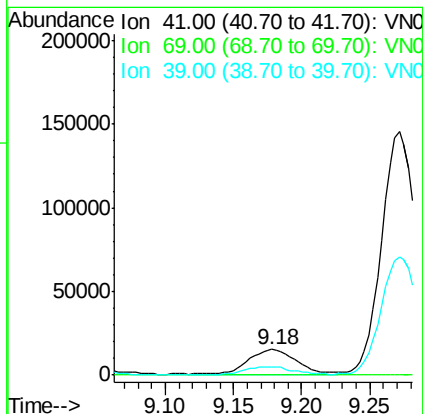
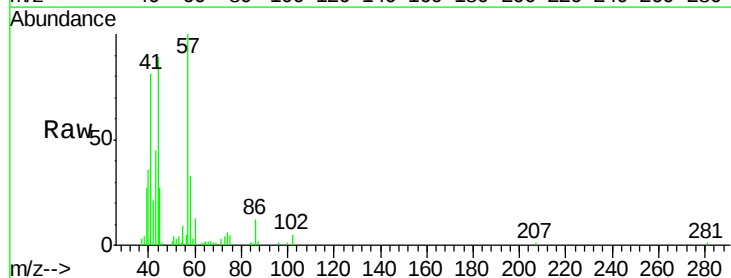
Tot Ion	43	Resp	46445
Ion Ratio	Lower	Upper	
43	100		
61	21.0	15.8	23.8
87	14.0	12.0	18.0

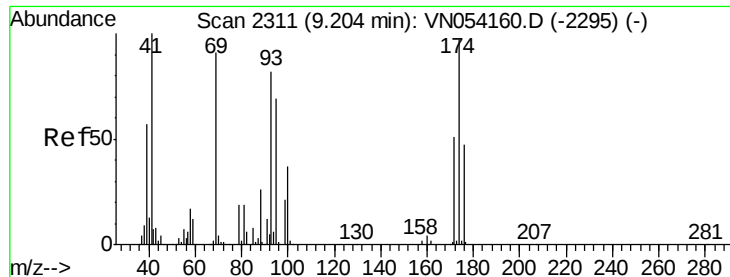


#48

Methyl methacrylate
 Concen: 3.313 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion	41	Resp	35459
Ion Ratio	Lower	Upper	
41	100		
69	0.3	72.6	108.8#
39	33.0	47.5	71.3#





#49

1,4-Dioxane

Concen: 2.814 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :
MSVOA_N
ClientSampleId :

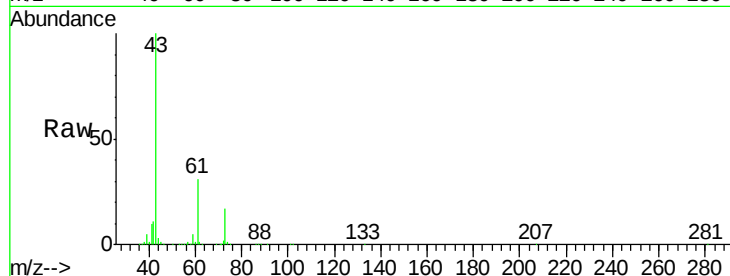
Tot Ion: 88 Resp: 426

Ion Ratio Lower Upper

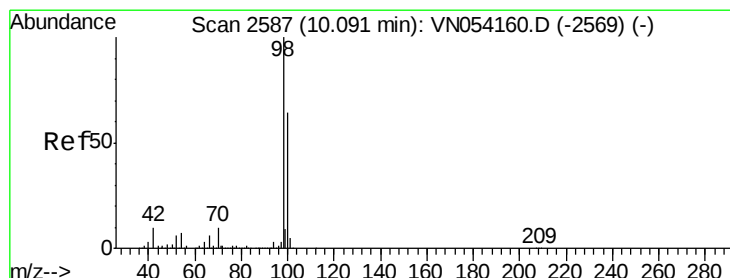
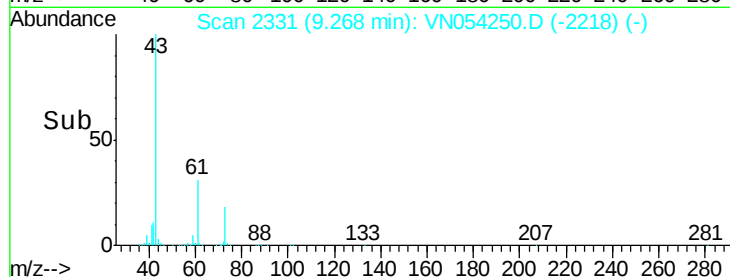
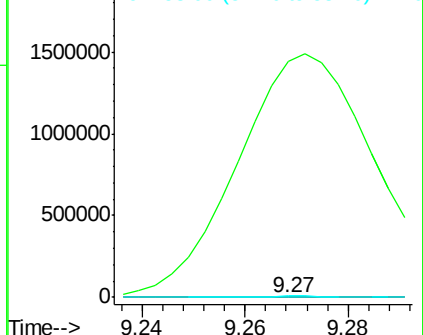
88 100

43 701582.2 24.1 36.1#

58 2748.4 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.694 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054250.D

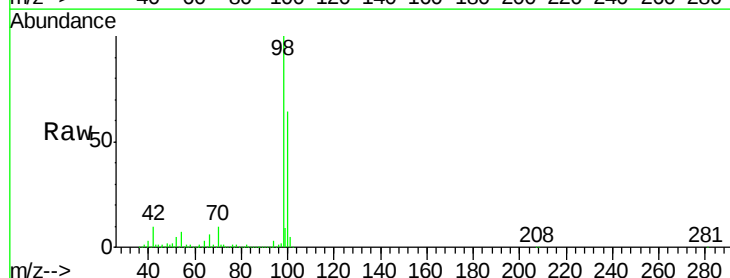
Acq: 14 Mar 2019 8:48

Tgt Ion: 98 Resp: 2849776

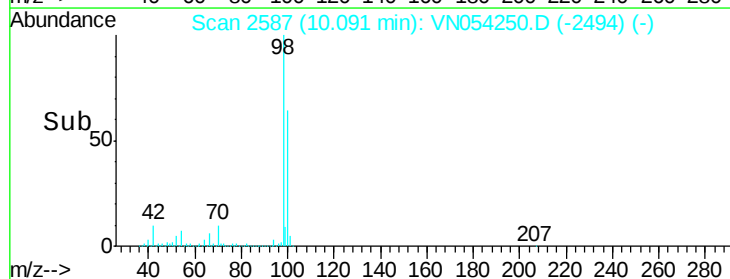
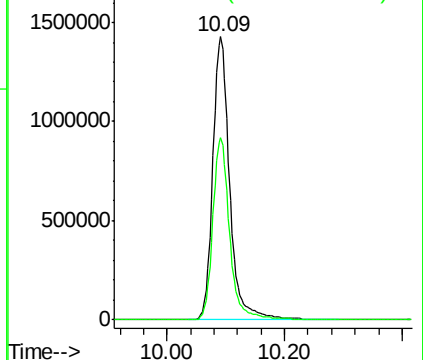
Ion Ratio Lower Upper

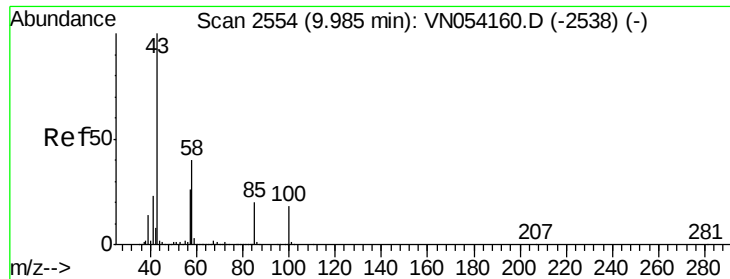
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.912 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

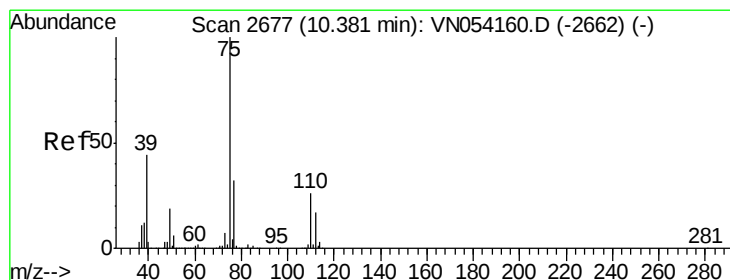
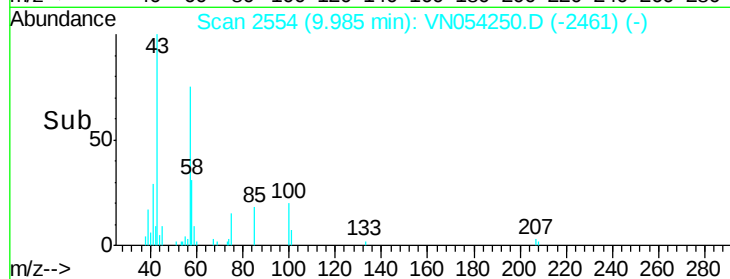
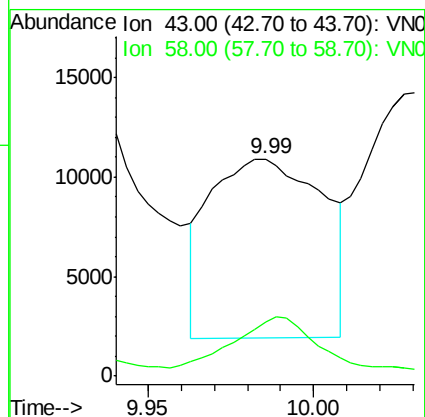
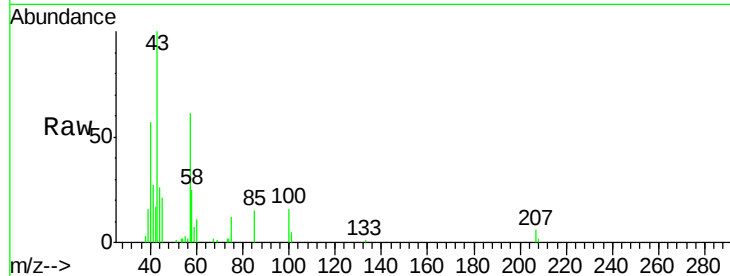
ClientSampled :

Tot Ion: 43 Resp: 21343

Ion Ratio Lower Upper

43 100

58 23.9 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.987 ug/l

RT: 10.28 min Scan# 2647

Delta R.T. -0.10 min

Lab File: VN054250.D

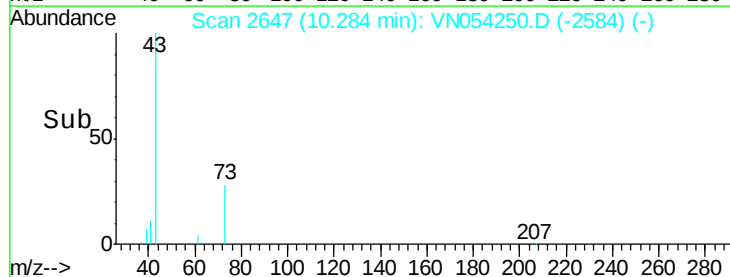
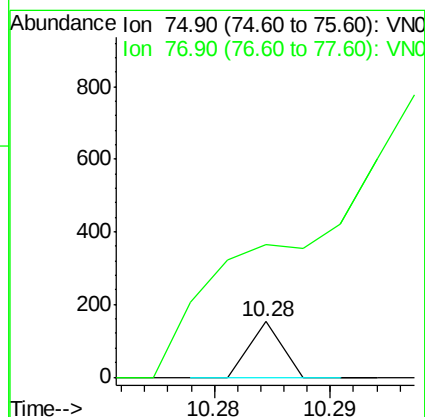
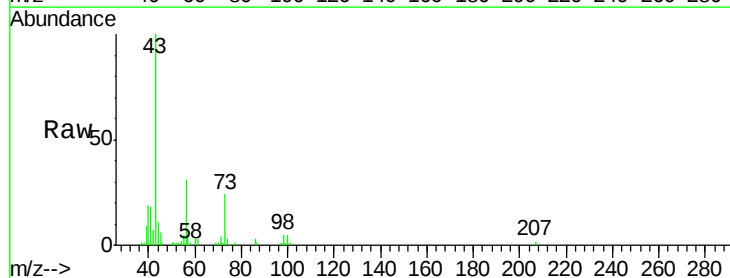
Acq: 14 Mar 2019 8:48

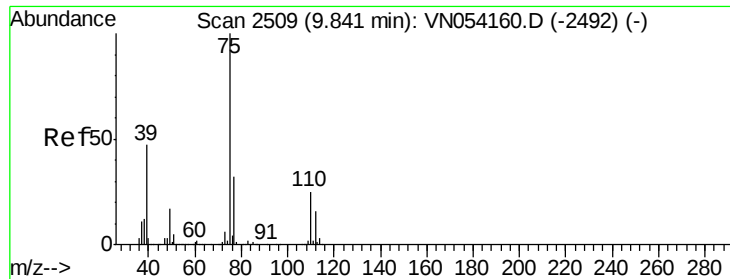
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

77 103.9 25.8 38.8#



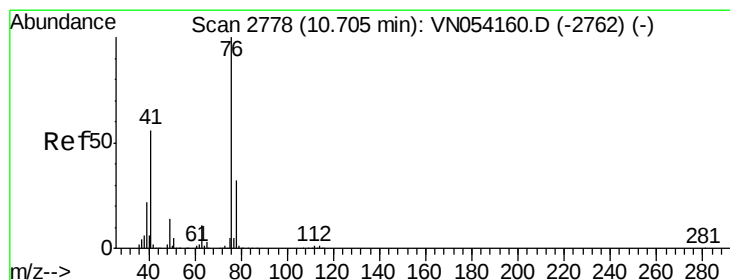
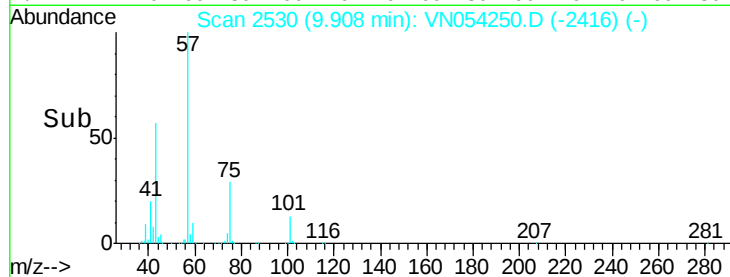
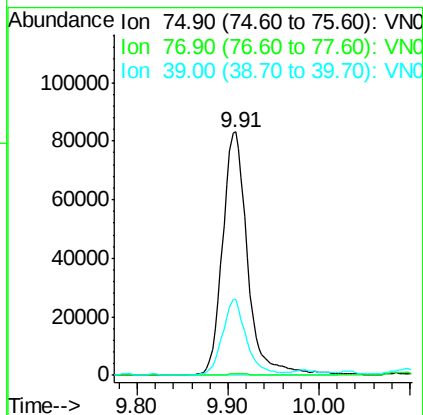
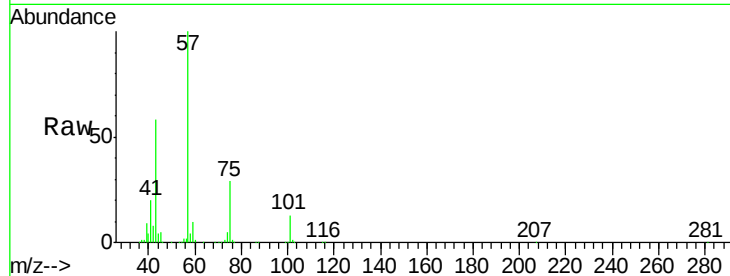


#54

cis-1,3-Dichloropropene
 Concen: 6.800 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Instrument :
 MSVOA_N
 ClientSampled :

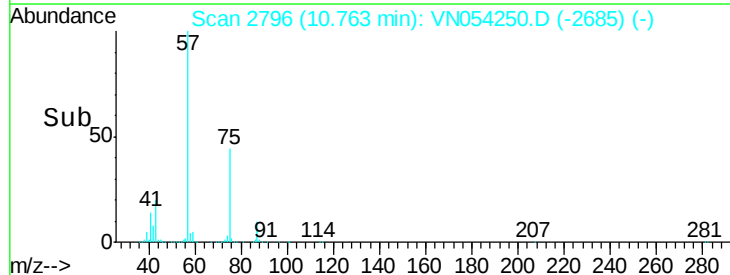
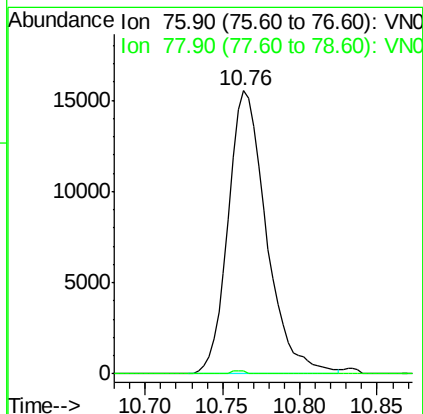
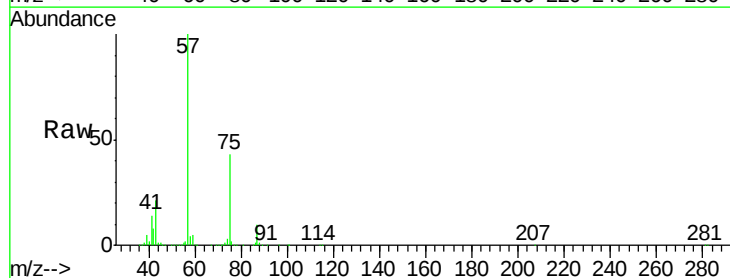
Tot Ion: 75 Resp: 159471
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 30.6 37.2 55.8#

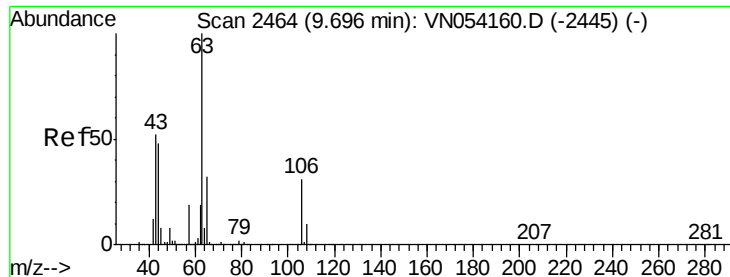


#57

1,3-Dichloropropane
 Concen: 1.177 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion: 76 Resp: 26653
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.7 38.5#

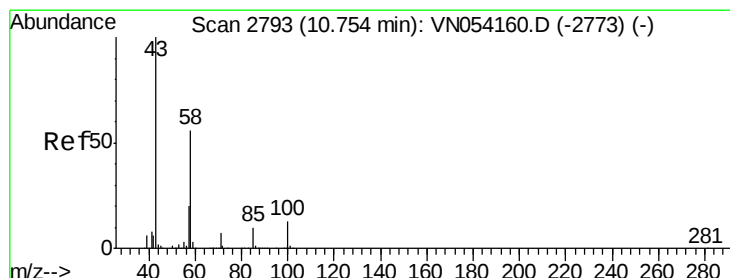
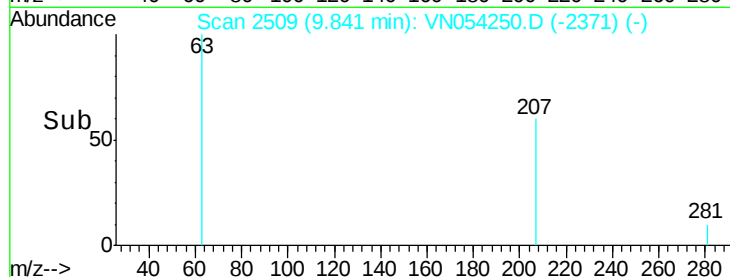
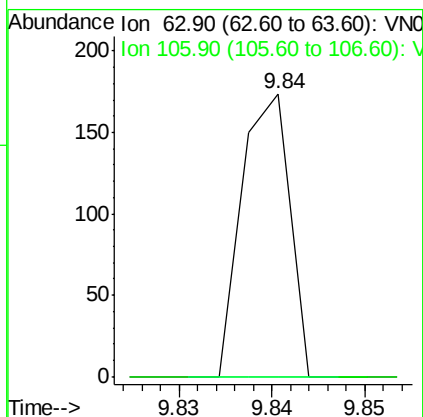
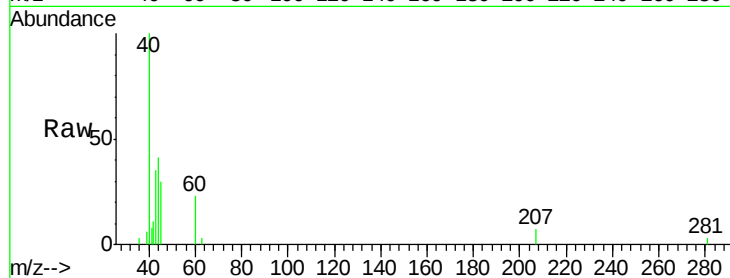




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.836 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.14 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

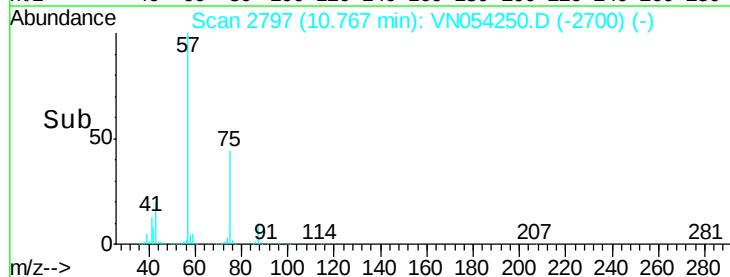
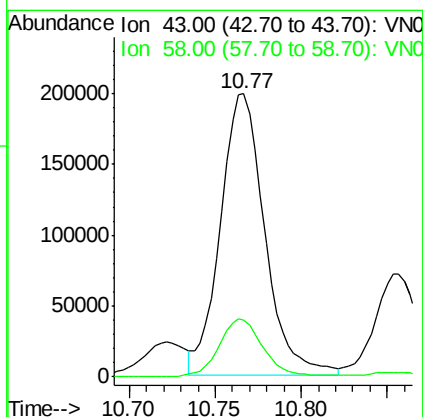
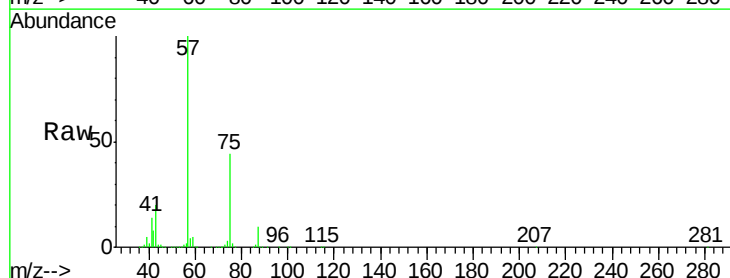
Instrument :
 MSVOA_N
 ClientSampleId :

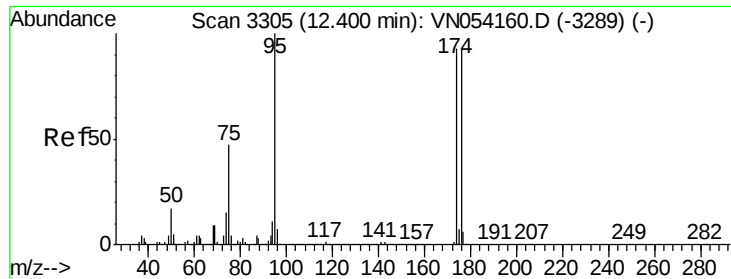
Tot Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#



#59
 2-Hexanone
 Concen: 47.978 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion: 43 Resp: 356282
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.0 83.9#

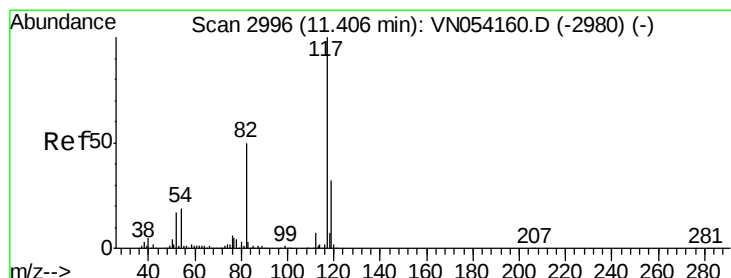
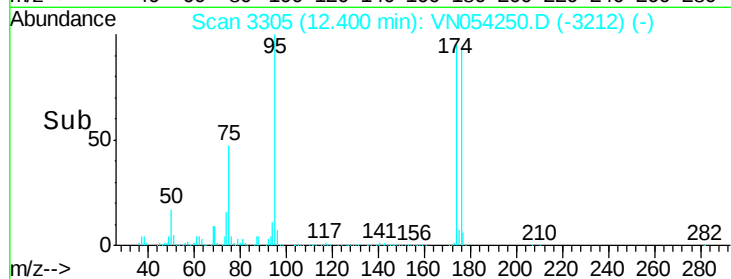
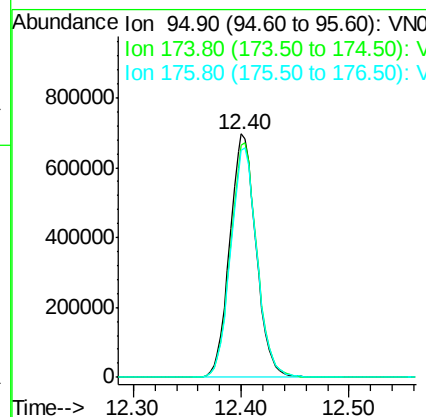
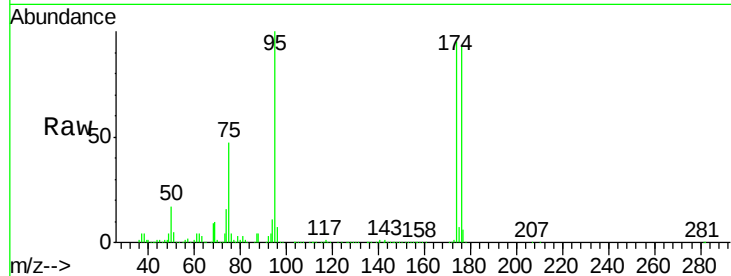




#62
4-Bromofluorobenzene
Concen: 62.351 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

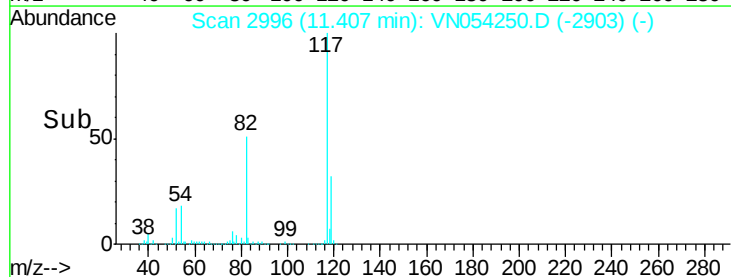
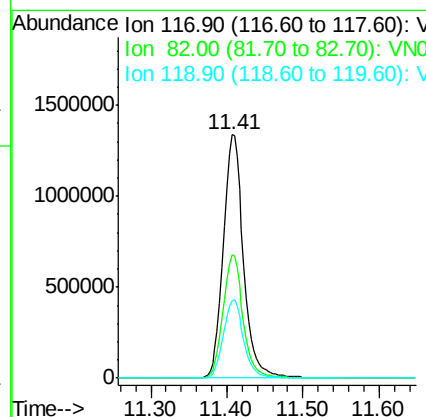
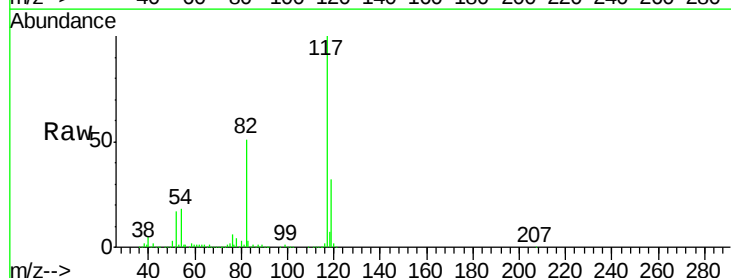
Instrument :
MSVOA_N
ClientSampled :

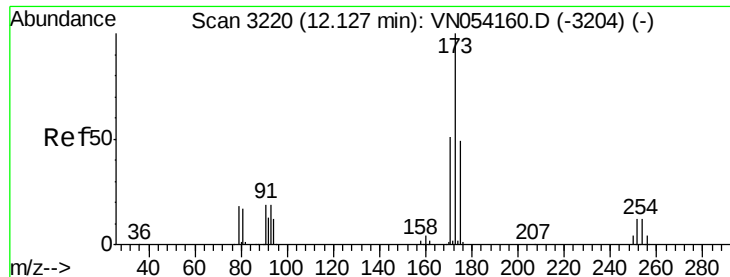
Tot Ion: 95 Resp: 1179893
Ion Ratio Lower Upper
95 100
174 96.4 0.0 191.0
176 94.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Tgt Ion: 117 Resp: 2461899
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 31.9 25.8 38.6

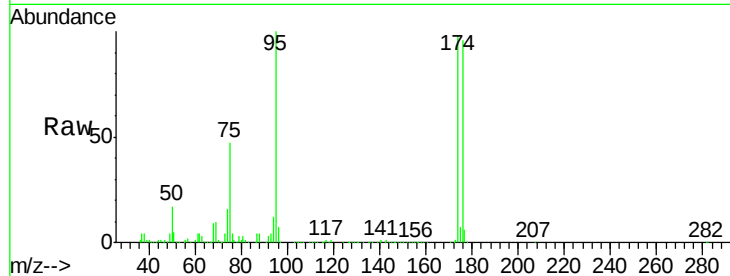




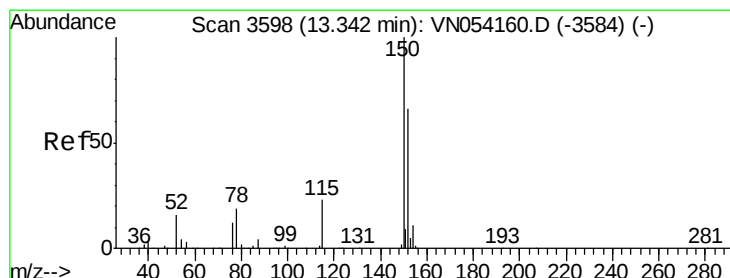
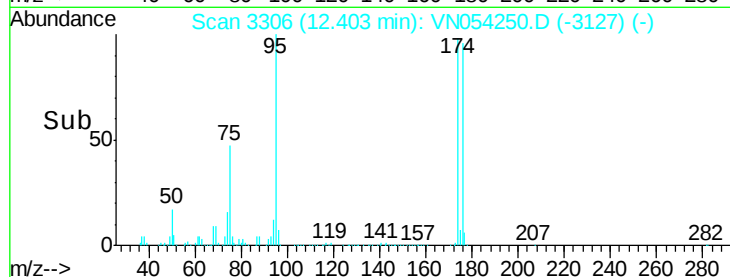
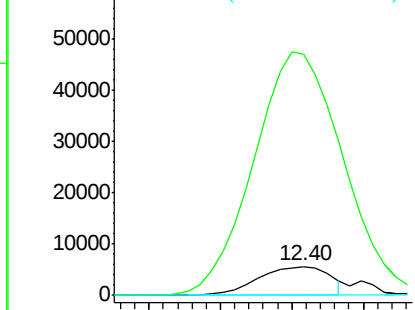
#71
Bromoform
Concen: 2.841 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 7710
Ion Ratio Lower Upper
173 100
175 915.5 24.4 73.2#
254 0.0 0.1 0.1#

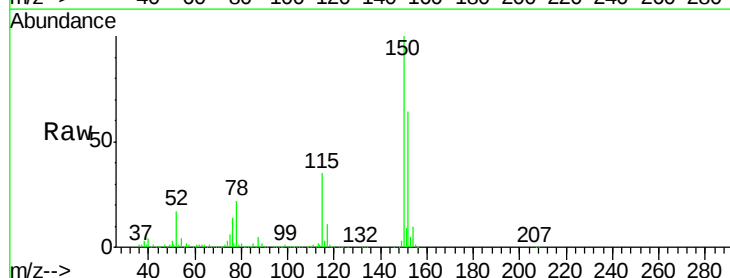


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

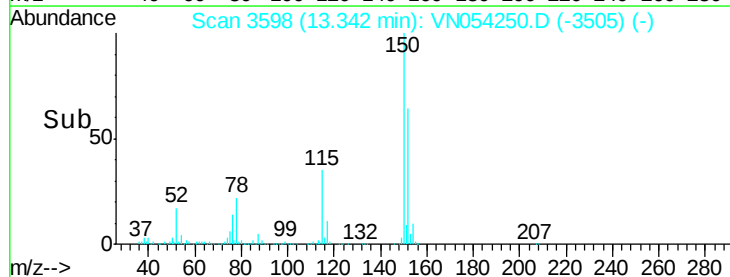
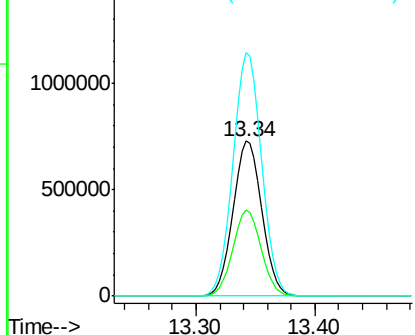


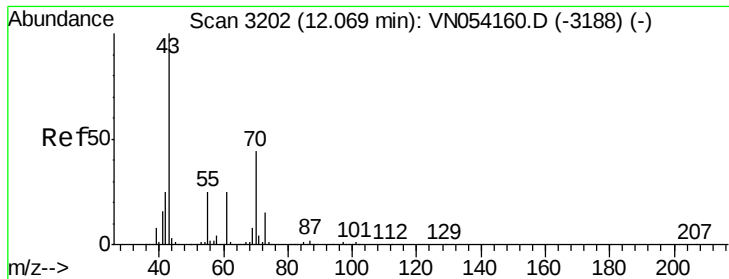
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Tgt Ion:152 Resp: 1221479
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.6
150 156.1 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-amvl acetate

Concen: 2.231 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 48388

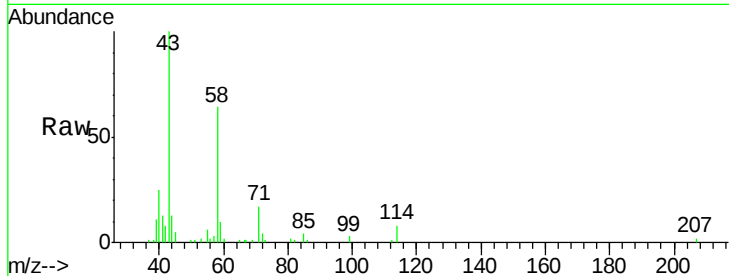
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 5.7 19.8 29.6#

61 0.0 19.8 29.6#

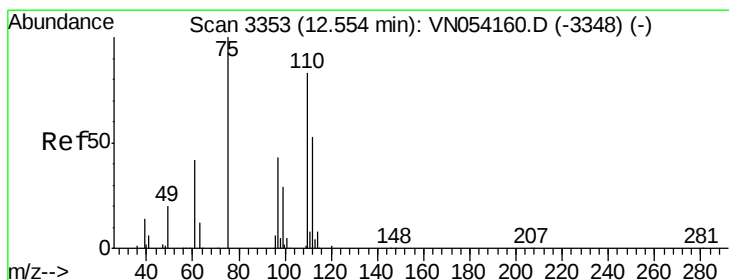
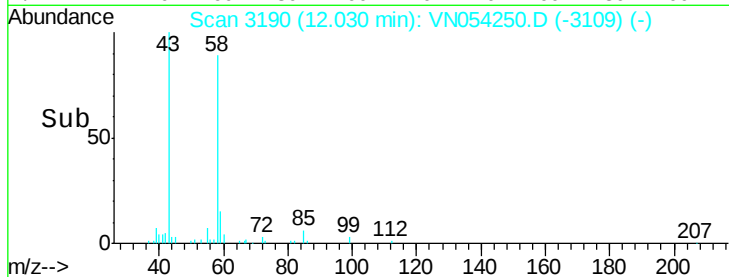
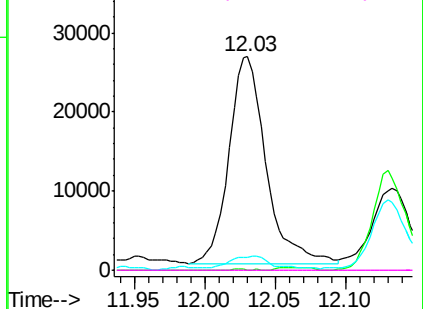


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 31.051 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054250.D

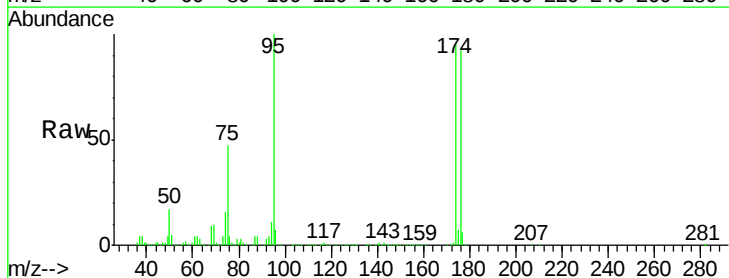
Acq: 14 Mar 2019 8:48

Tgt Ion: 75 Resp: 557758

Ion Ratio Lower Upper

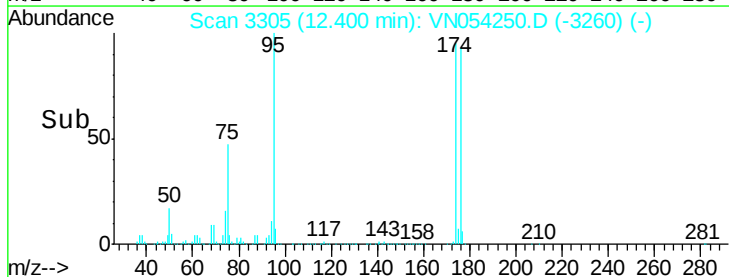
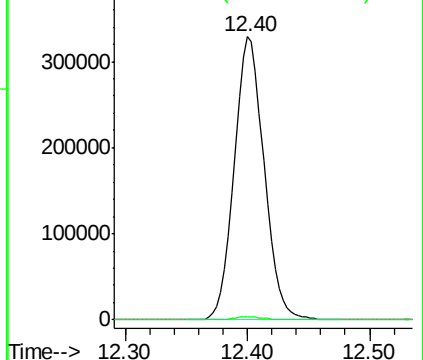
75 100

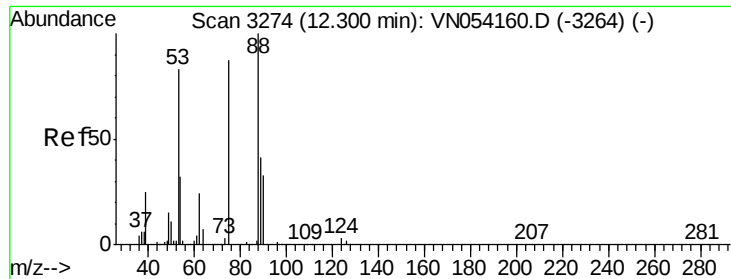
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 106.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampled :

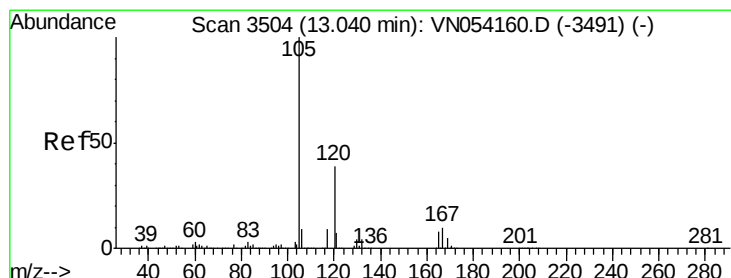
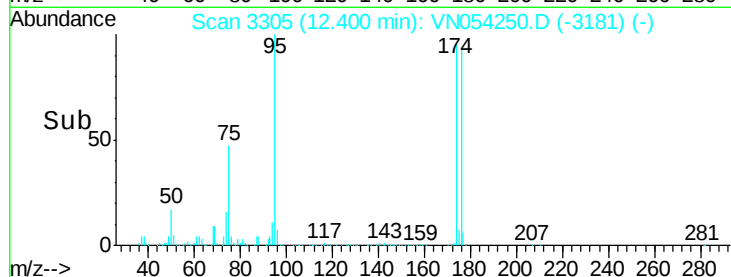
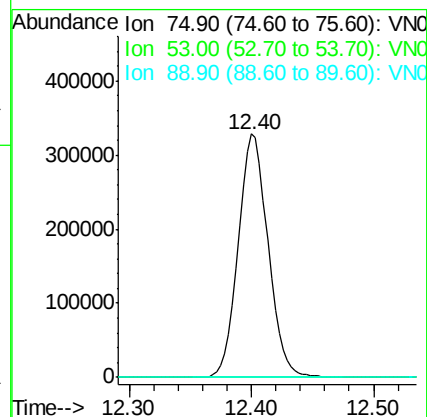
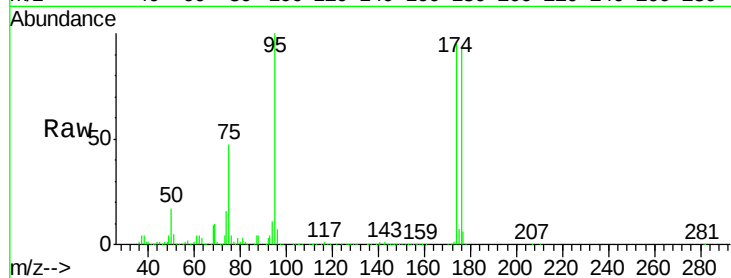
Tot Ion: 75 Resp: 557758

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



#84

1,2,4-Trimethylbenzene

Concen: 0.239 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054250.D

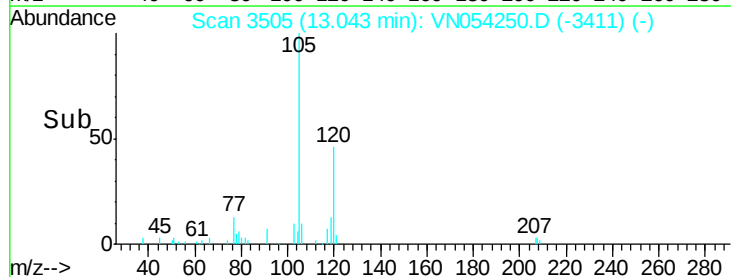
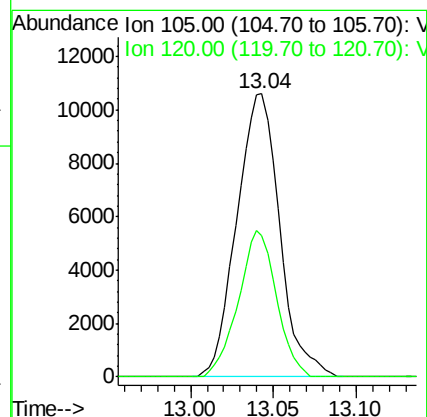
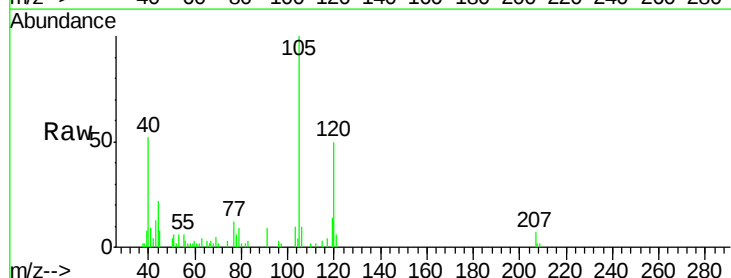
Acq: 14 Mar 2019 8:48

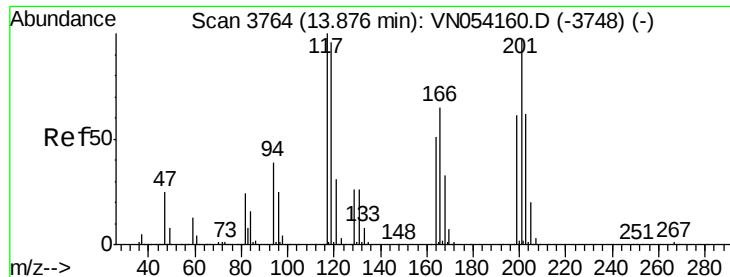
Tgt Ion: 105 Resp: 19023

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.3





#90

Hexachloroethane

Concen: 0.474 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

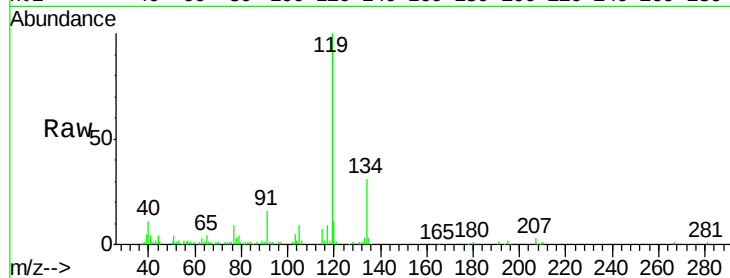
ClientSampleId :

Tot Ion:117 Resp: 6676

Ion Ratio Lower Upper

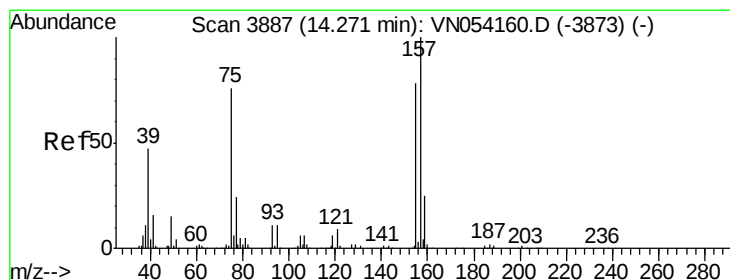
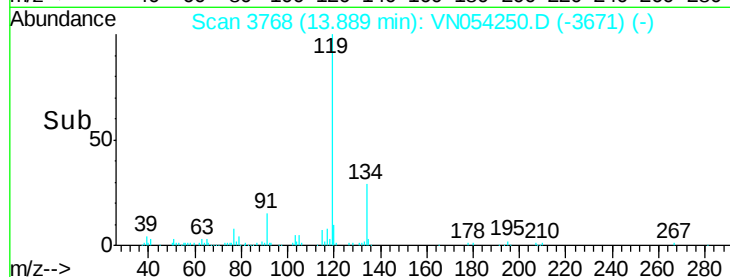
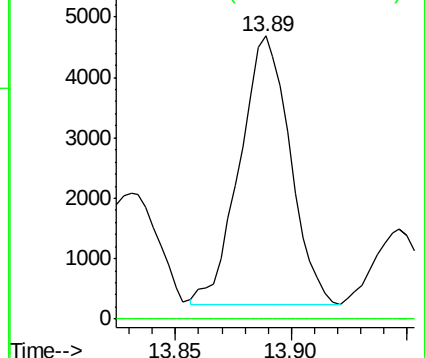
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.610 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

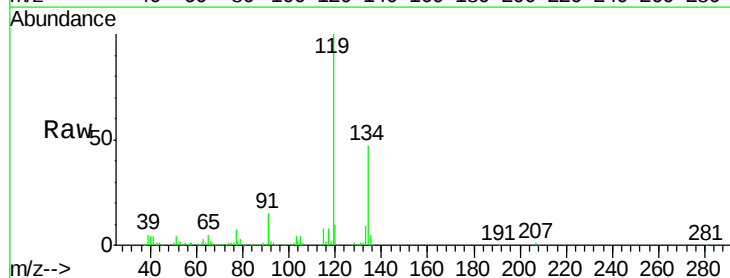
Tgt Ion: 75 Resp: 1965

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

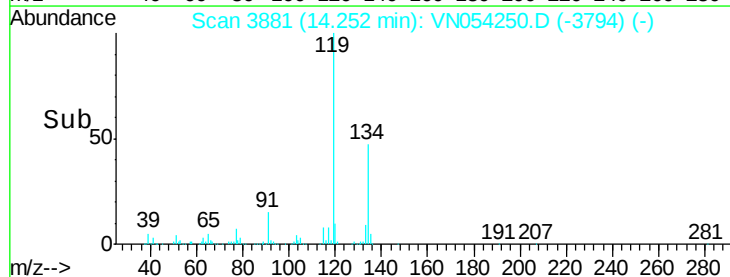
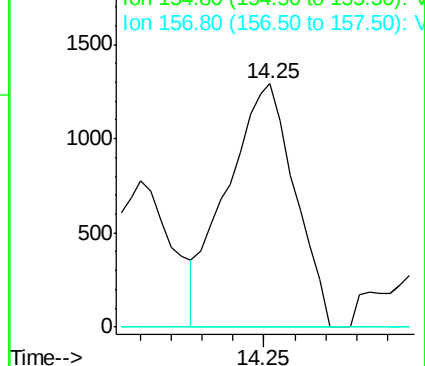
157 0.0 63.1 189.3#

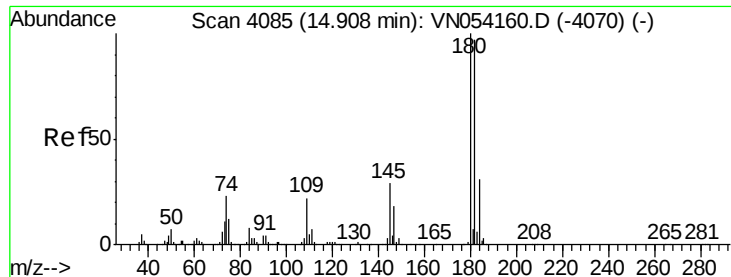


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.550 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054250.D

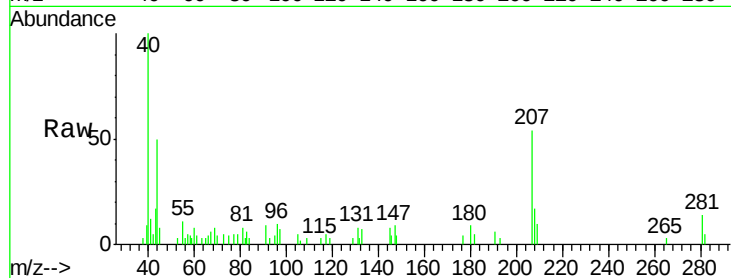
Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampled :

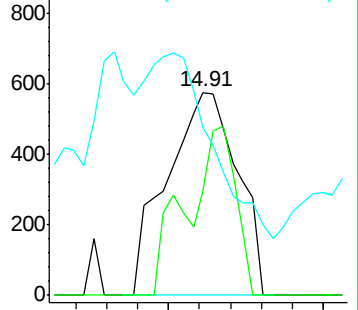
Tot Ion:	180	Resp:	915
Ion	Ratio	Lower	Upper
180	100		
182	37.3	48.0	144.2#
145	0.0	14.2	42.8#



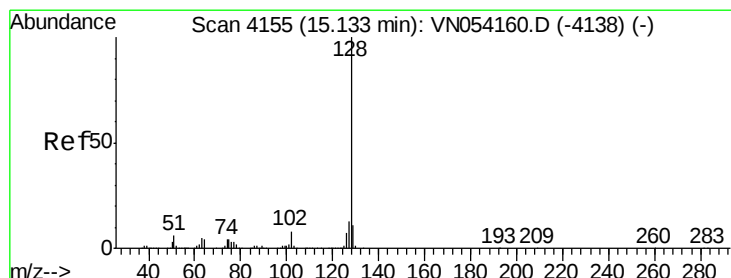
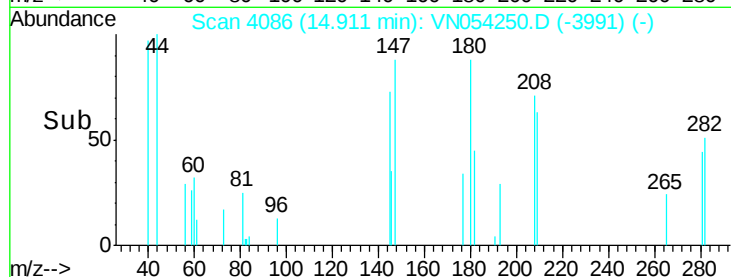
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#95

Naphthalene

Concen: 16.809 ug/l

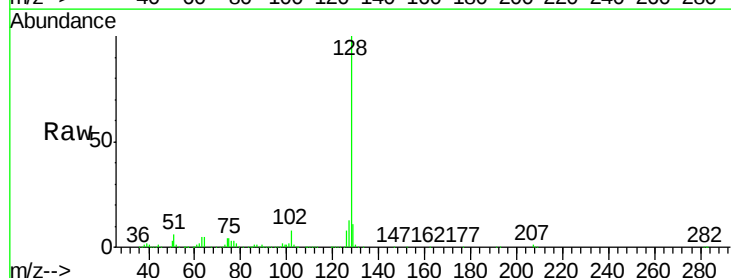
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

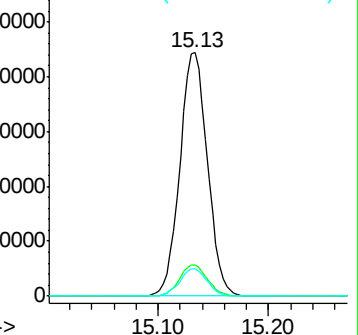
Tgt Ion:	128	Resp:	767938
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.2	8.7	13.1



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



Time-->

