

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057452.D
 Acq On : 22 Aug 2019 23:49
 Operator : JC/SP
 Sample : K4403-36
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(0)

Quant Time: Aug 23 05:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	768642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	365301	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	244429	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	977128	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	270754	40.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.40%	

Target Compounds

					Qvalue	
5) Bromomethane	2.55	94	2138	0.387	ug/l	96
8) Diethyl Ether	3.34	74	418	Below Cal		99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	226	Below Cal	#	30
11) Tert butyl alcohol	4.71	59	1899	1.988	ug/l #	79
13) Acrolein	3.60	56	172	0.205	ug/l #	13
16) Acetone	3.80	43	10144	2.874	ug/l	100
18) Methyl Acetate	4.30	43	15355	1.082	ug/l	95
20) Methylene Chloride	4.53	84	11267	2.081	ug/l	96
31) Cyclohexane	7.65	56	14017	1.298	ug/l #	10
36) 1,1-Dichloropropene	7.65	75	43280	5.511	ug/l #	52
38) Carbon Tetrachloride	7.65	117	48623	6.232	ug/l #	16
43) Isopropyl Acetate	8.16	43	116938	8.217	ug/l	98
46) Dibromomethane	9.19	93	69	Below Cal	#	47
48) Methyl methacrylate	9.18	41	5009	0.740	ug/l #	18
49) 1,4-Dioxane	9.26	88	189	2.160	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6942	0.875	ug/l #	85
54) cis-1,3-Dichloropropene	9.90	75	43151	4.224	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	6966	0.728	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.68	63	29	17.076	ug/l #	52
59) 2-Hexanone	10.76	43	110302	20.278	ug/l #	54
71) Bromoform	12.40	173	1431	0.428	ug/l #	1
73) Isopropylbenzene	12.25	105	155	Below Cal	#	50
74) N-amyl acetate	12.03	43	3739	Below Cal	#	57
75) 1,1,2,2-Tetrachloroethane	12.54	83	120	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	156904	43.787	ug/l #	100
77) Bromobenzene	12.53	156	34	Below Cal	#	1
78) n-propylbenzene	12.60	91	959	Below Cal		93
79) 2-Chlorotoluene	12.67	91	165	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	1536	Below Cal		74
81) trans-1,4-Dichloro-2-buten	12.40	75	156904	112.418	ug/l #	9
82) 4-Chlorotoluene	12.77	91	695	Below Cal	#	53
83) tert-Butylbenzene	12.99	119	305	Below Cal	#	1
85) sec-Butylbenzene	13.17	105	708	Below Cal	#	70
90) Hexachloroethane	13.84	117	29	Below Cal	#	17

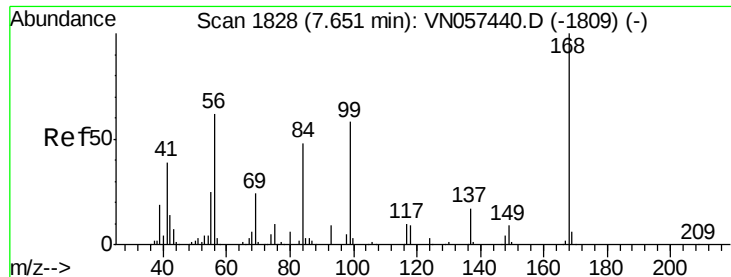
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
Data File : VN057452.D
Acq On : 22 Aug 2019 23:49
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.31	75	63	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	539	5.613	ug/l #	70
95) Naphthalene	15.13	128	1216	4.514	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.30	180	456	5.320	ug/l #	78

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

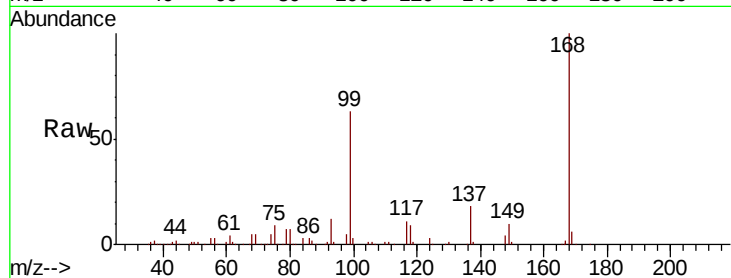
T1-J-(0)

Tgt Ion:168 Resp: 436968

Ion Ratio Lower Upper

168 100

99 62.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

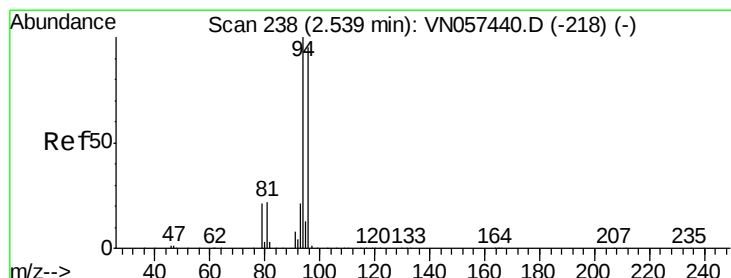
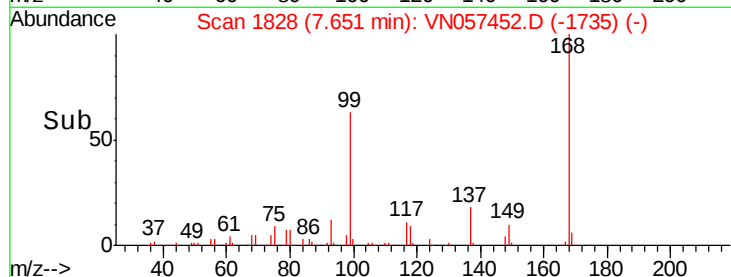
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.387 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN057452.D

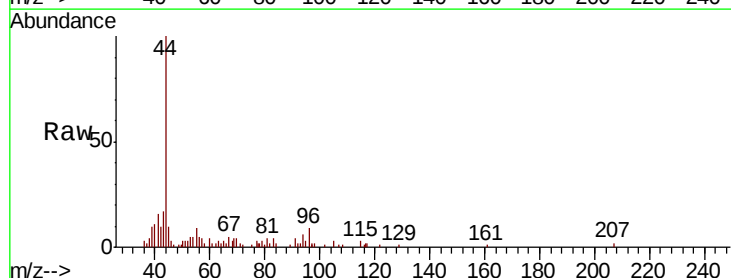
Acq: 22 Aug 2019 23:49

Tgt Ion: 94 Resp: 2138

Ion Ratio Lower Upper

94 100

96 91.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

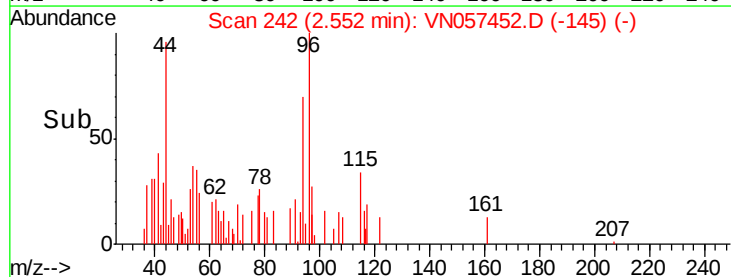
2.55

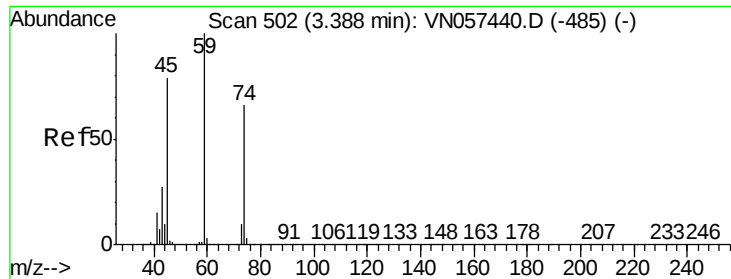
1000

500

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.34 min Scan# 488

Delta R.T. -0.04 min

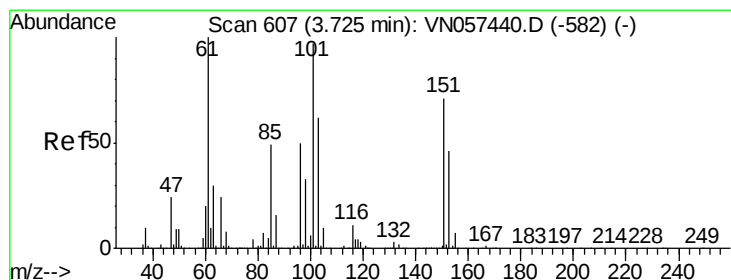
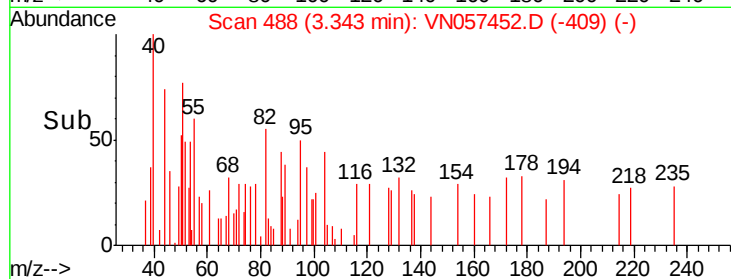
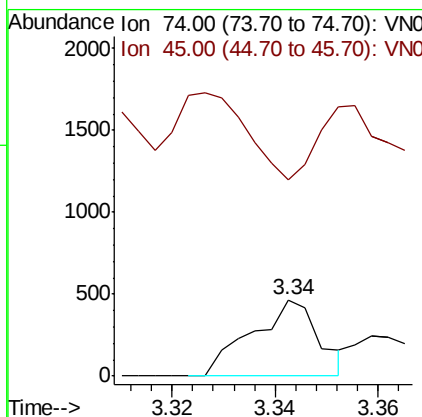
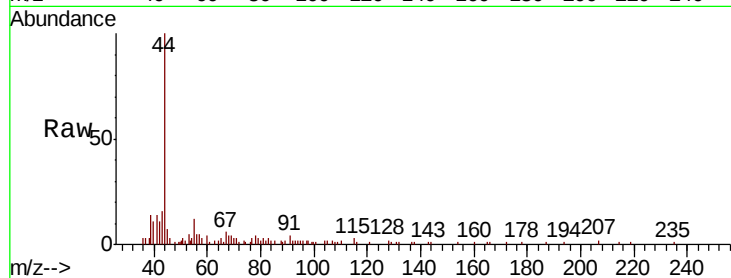
Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :
MSVOA_N
ClientSampleId :
T1-J-(0)

Tgt Ion: 74 Resp: 418

Ion	Ratio	Lower	Upper
74	100		
45	117.0	57.9	173.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 606

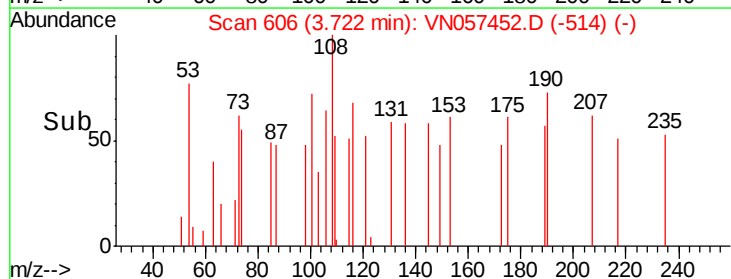
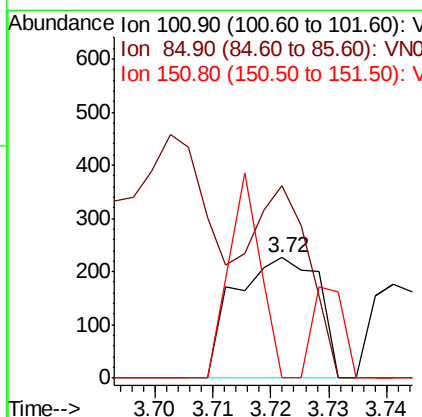
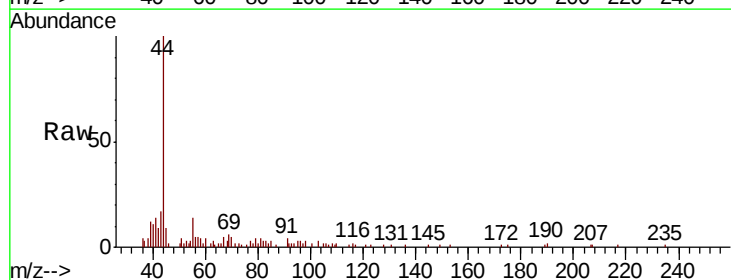
Delta R.T. -0.00 min

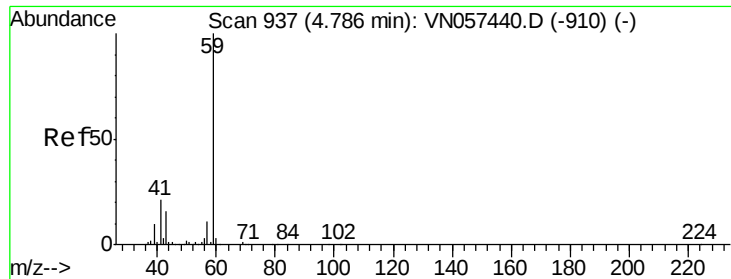
Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Tgt Ion: 101 Resp: 226

Ion	Ratio	Lower	Upper
101	100		
85	115.5	40.0	60.0#
151	28.3	57.0	85.6#



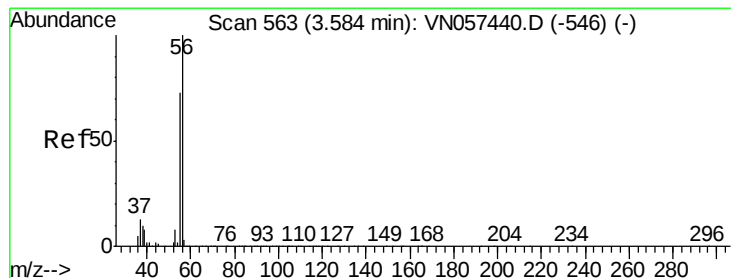
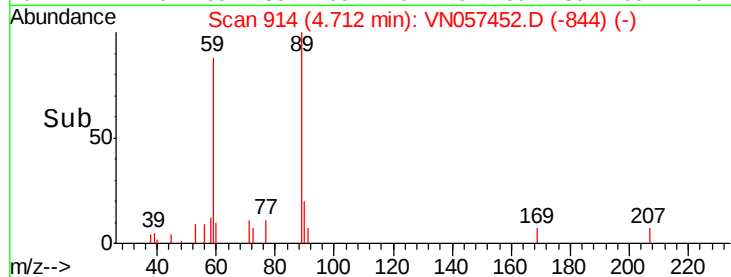
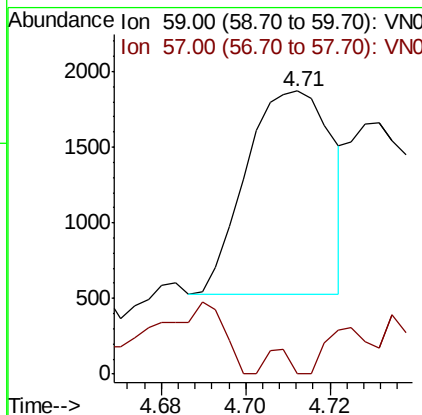
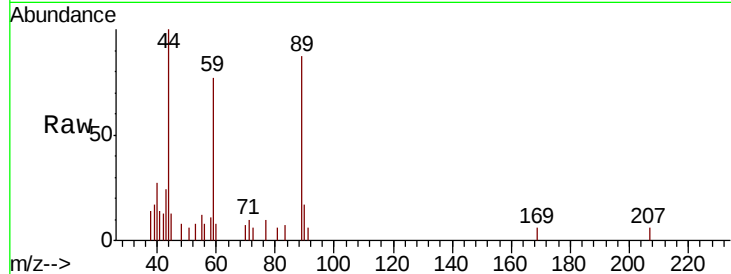


#11

Tert butyl alcohol
Concen: 1.988 ug/l
RT: 4.71 min Scan# 914
Delta R.T. -0.07 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Instrument :
MSVOA_N
ClientSampled :
T1-J-(0)

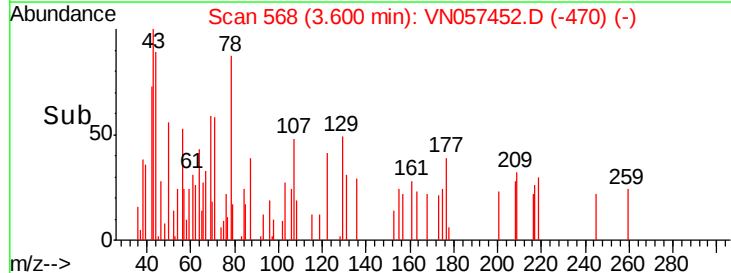
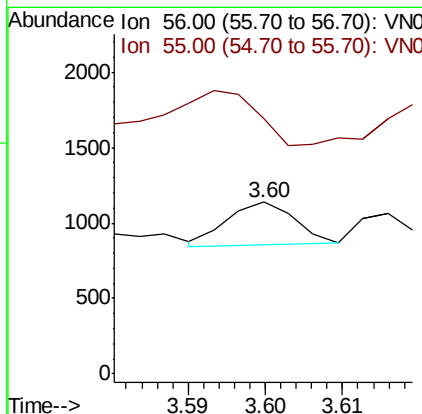
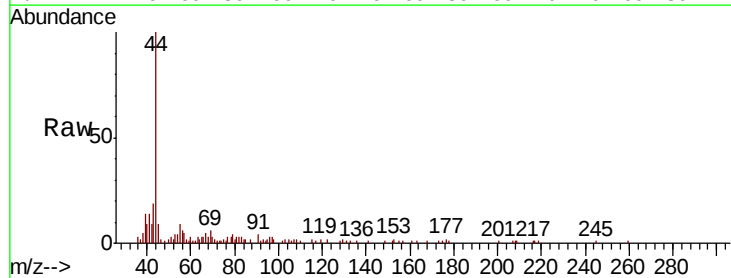
Tgt Ion: 59 Resp: 1899
Ion Ratio Lower Upper
59 100
57 3.2 9.1 13.7#

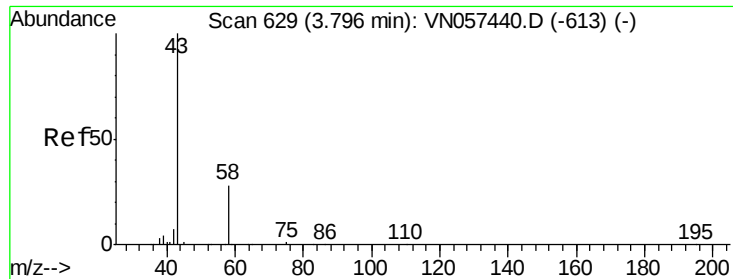


#13

Acrolein
Concen: 0.205 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.02 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.4#





#16

Acetone

Concen: 2.874 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

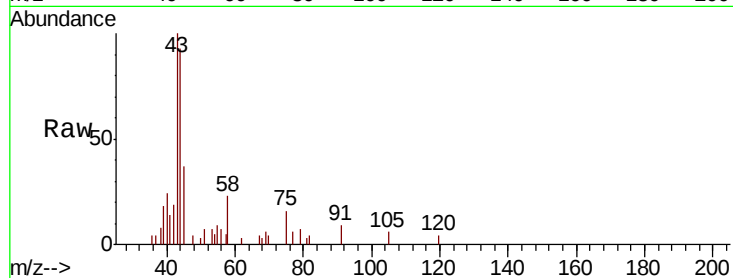
T1-J-(0)

Tgt Ion: 43 Resp: 10144

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

5000

4000

3000

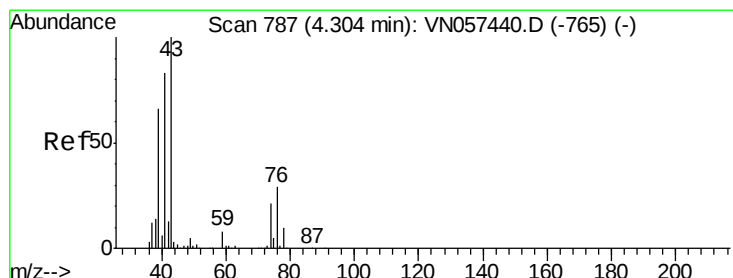
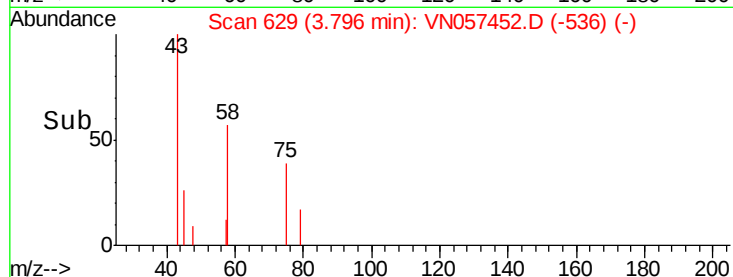
2000

1000

0

Time-->

3.75 3.80 3.85



#18

Methyl Acetate

Concen: 1.082 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057452.D

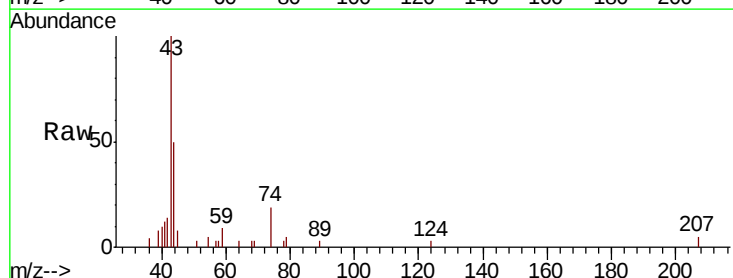
Acq: 22 Aug 2019 23:49

Tgt Ion: 43 Resp: 15355

Ion Ratio Lower Upper

43 100

74 17.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

6000

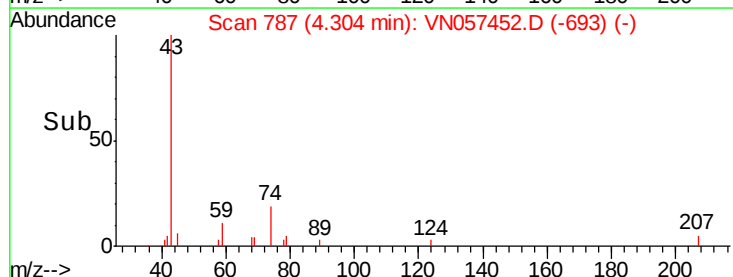
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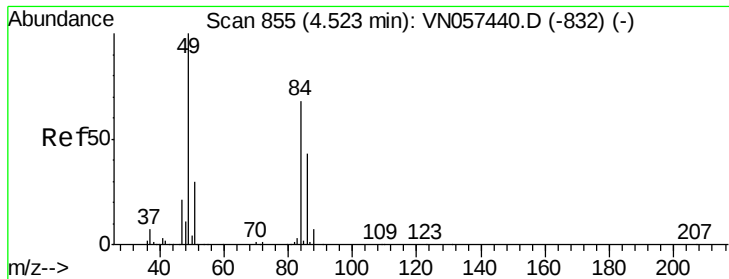
2000

0

Time-->

4.25 4.30 4.35 4.40





#20

Methylene Chloride

Concen: 2.081 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

Tgt Ion: 84 Resp: 11267

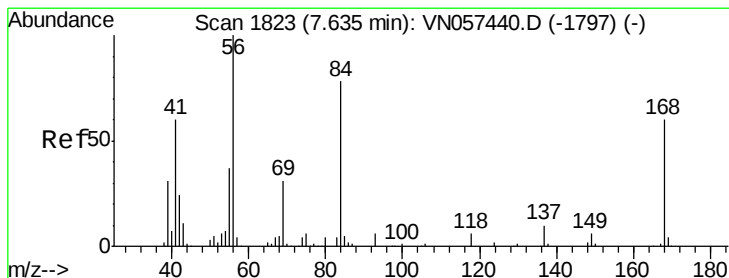
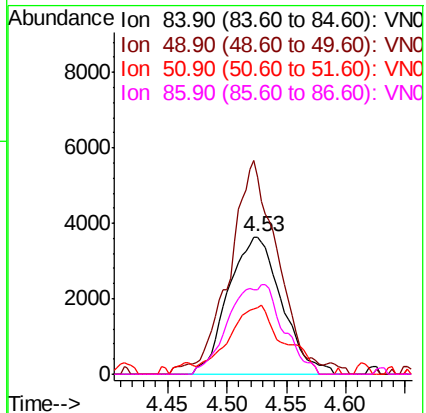
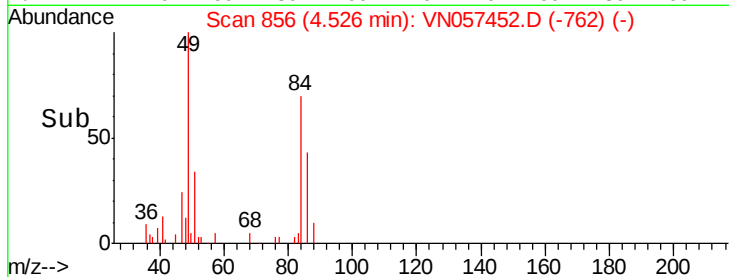
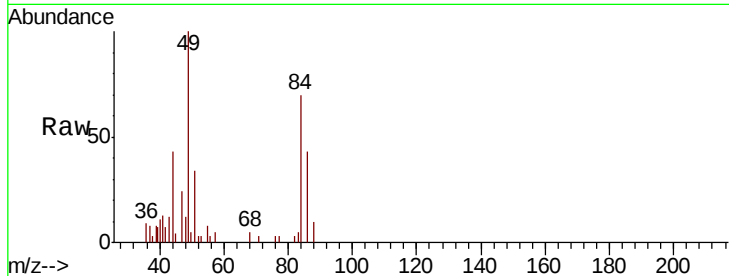
Ion Ratio Lower Upper

84 100

49 138.2 117.0 175.4

51 44.3 35.5 53.3

86 61.3 49.8 74.8



#31

Cyclohexane

Concen: 1.298 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.02 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

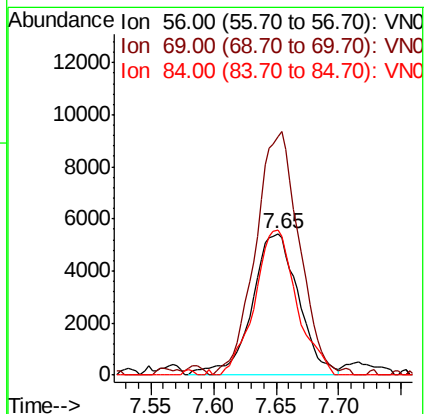
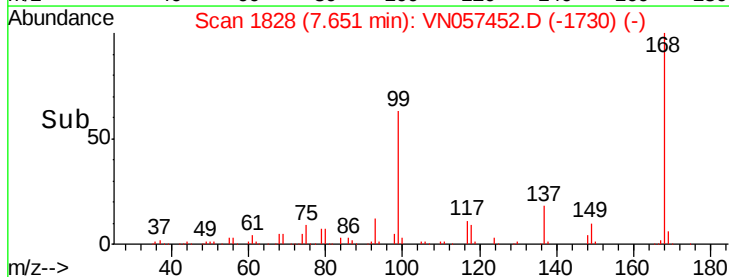
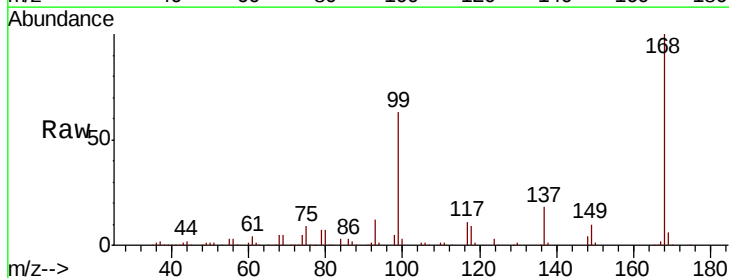
Tgt Ion: 56 Resp: 14017

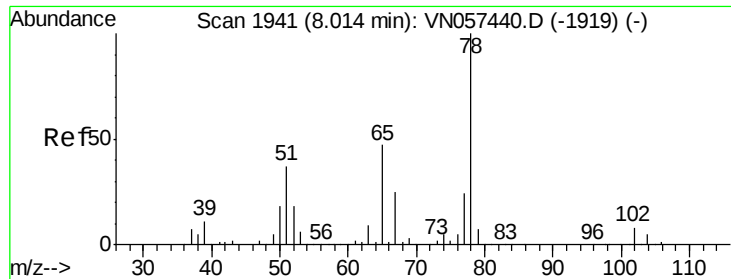
Ion Ratio Lower Upper

56 100

69 165.0 25.0 37.6#

84 102.8 62.5 93.7#

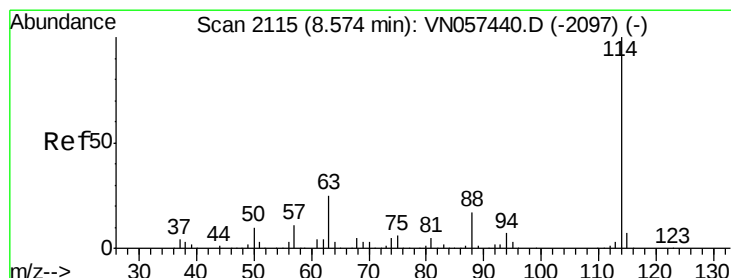
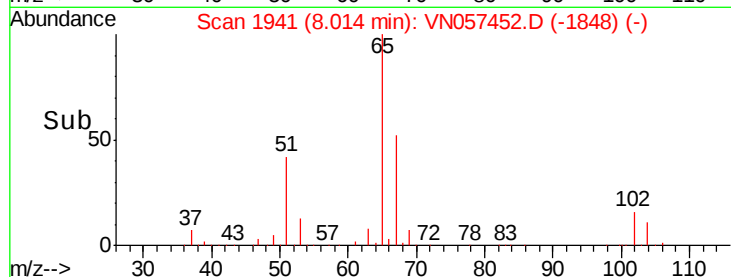
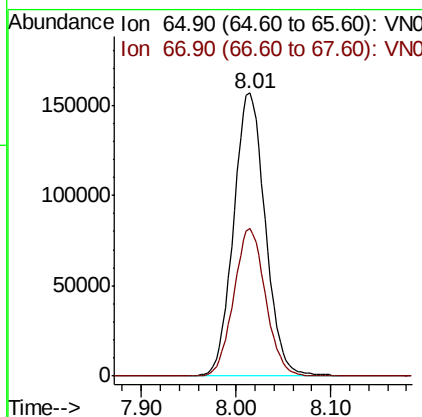
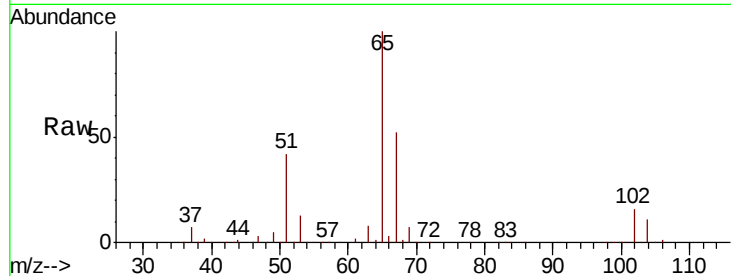




#33
 1,2-Dichloroethane-d4
 Concen: 47.523 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

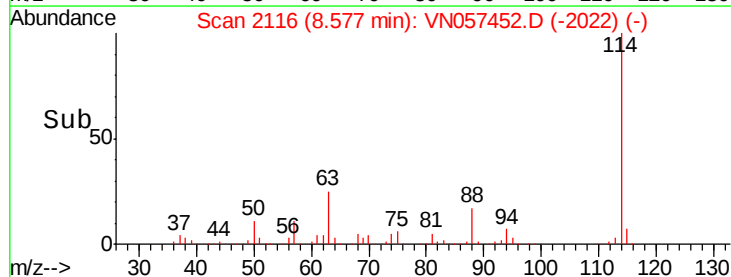
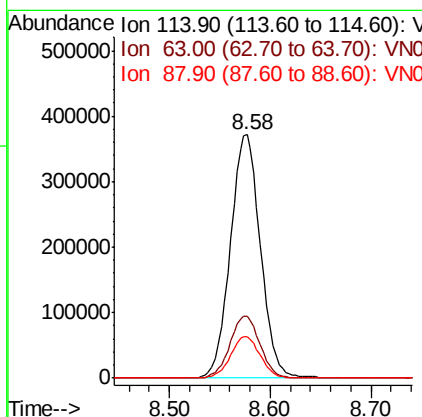
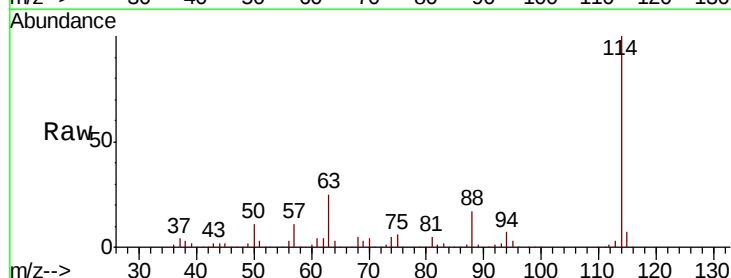
Instrument :
 MSVOA_N
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 T1-J-(0)

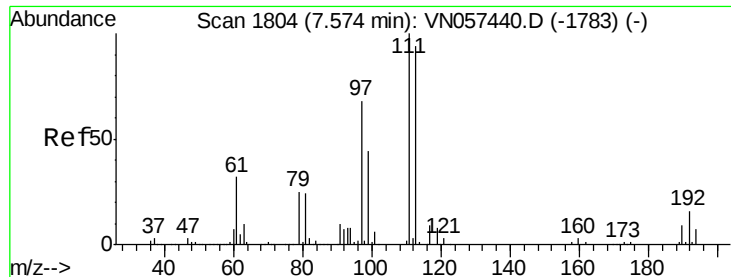
Tgt Ion: 65 Resp: 365301
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 114 Resp: 768642
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.1 0.0 34.6

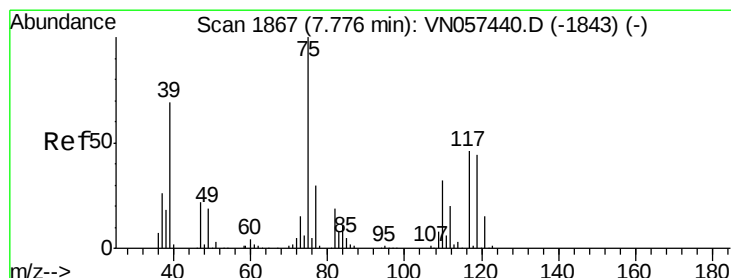
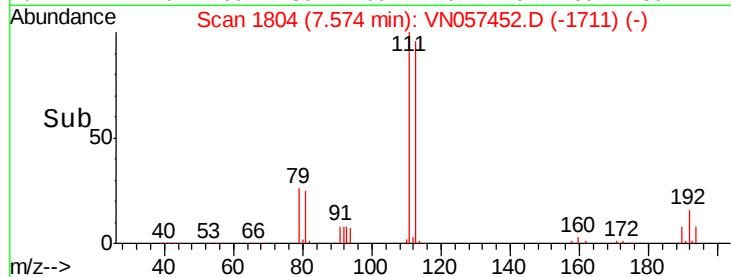
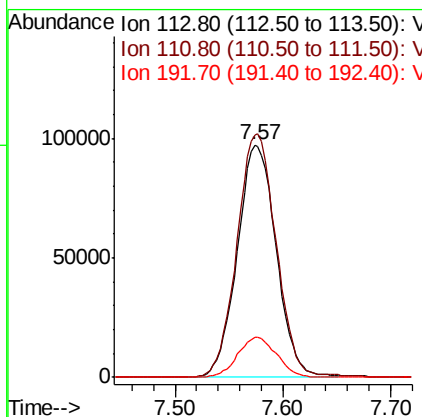
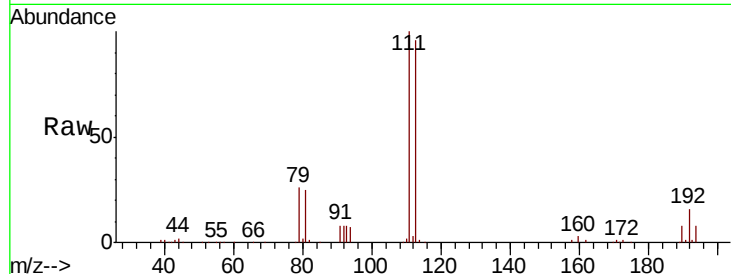




#35
 Dibromofluoromethane
 Concen: 47.079 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

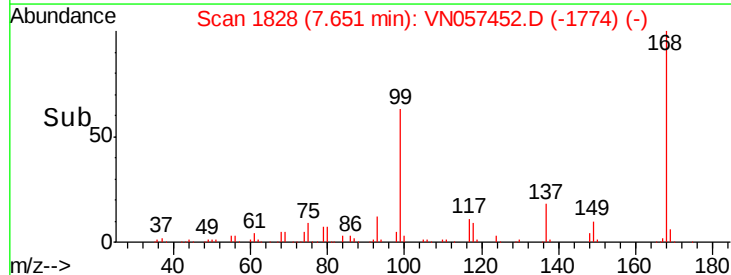
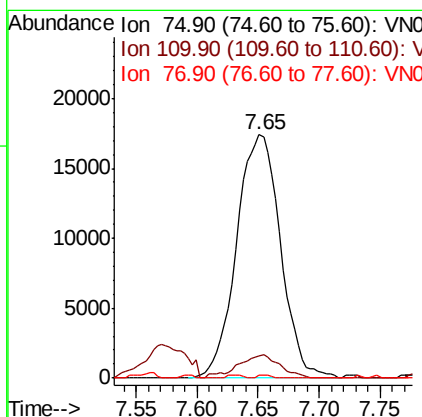
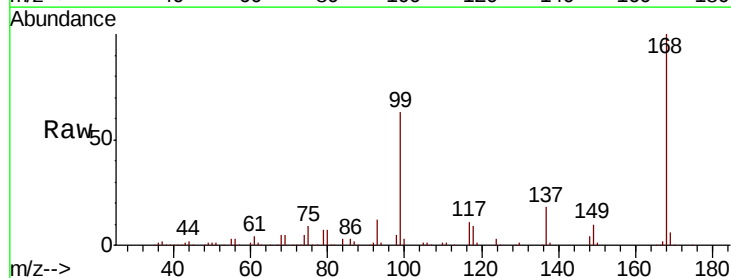
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(0)

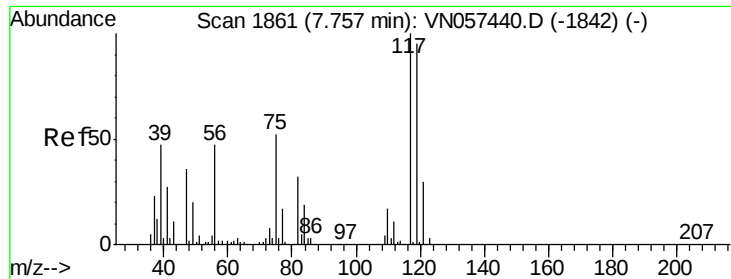
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.8	125.6
192	17.3	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.511 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.1	48.3#
77	0.3	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.232 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

T1-J-(0)

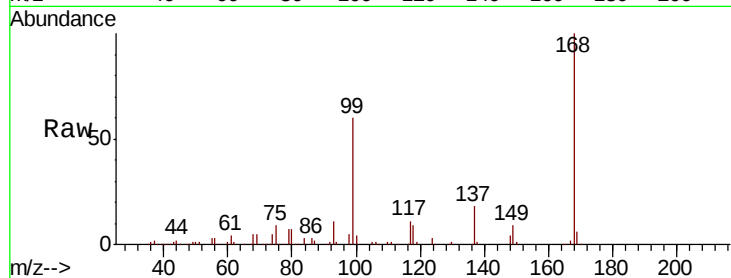
Tgt Ion:117 Resp: 48623

Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.4#

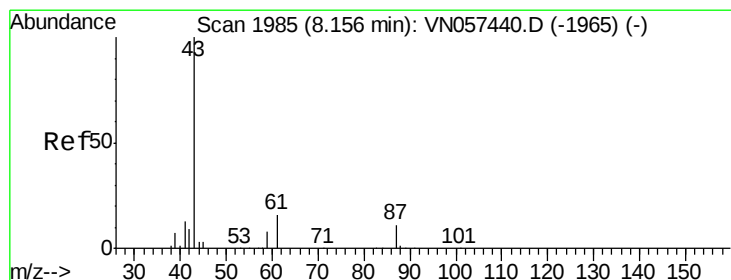
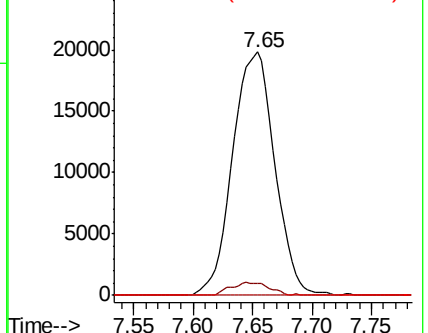
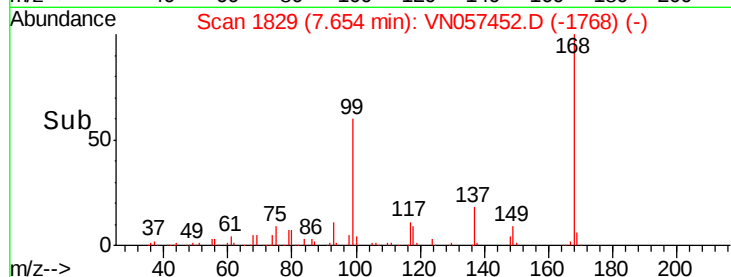
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.217 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

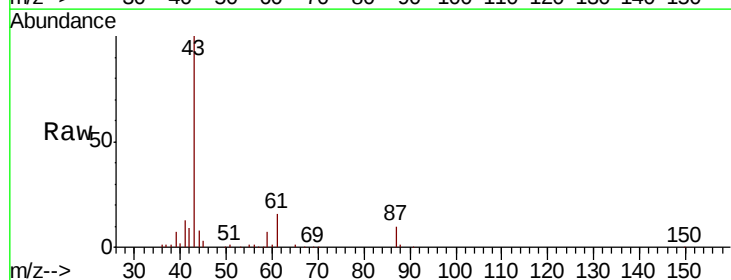
Tgt Ion: 43 Resp: 116938

Ion Ratio Lower Upper

43 100

61 16.7 14.5 21.7

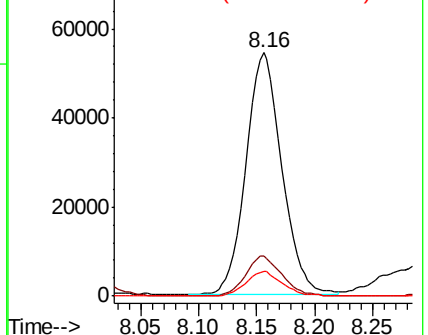
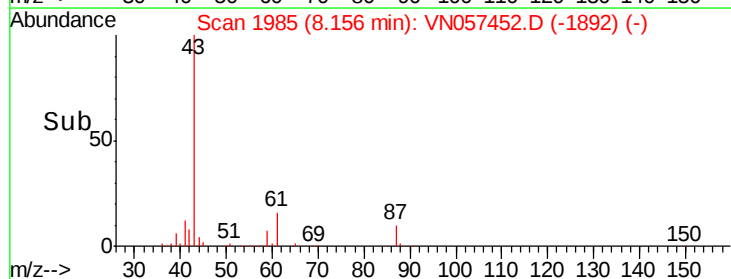
87 10.2 8.6 12.8

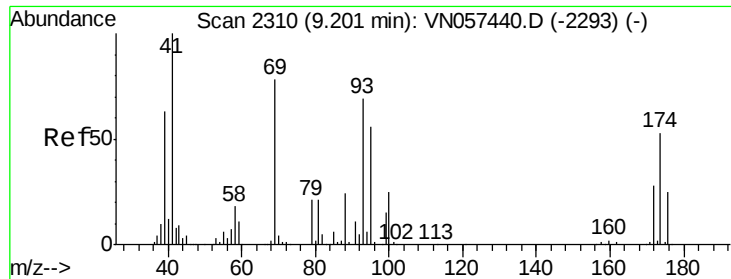


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

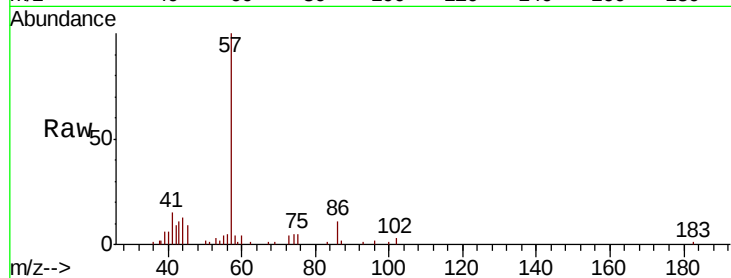




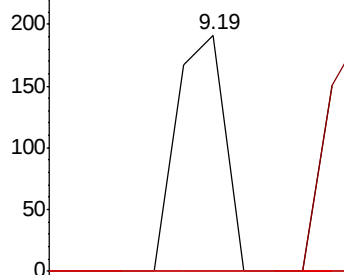
#46
Dibromomethane
Concen: Below Cal
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Instrument :
MSVOA_N
ClientSampled :
T1-J-(0)

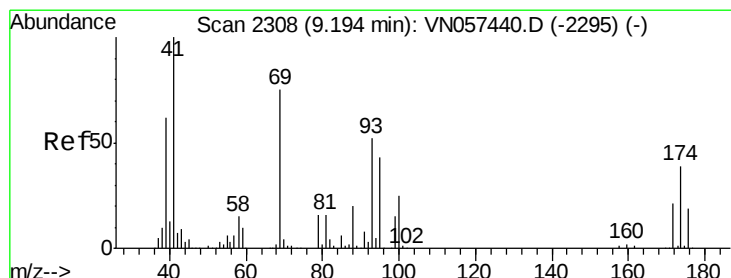
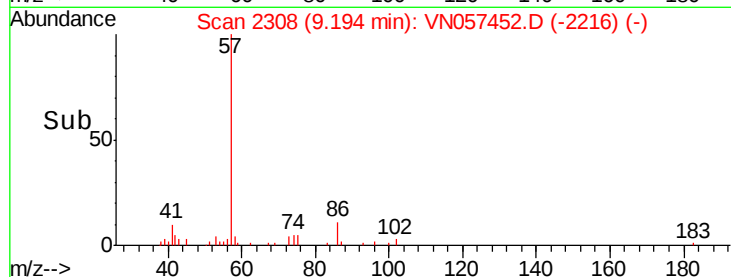
Tgt Ion: 93 Resp: 69
Ion Ratio Lower Upper
93 100
95 97.1 64.7 97.1#
174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): VN0

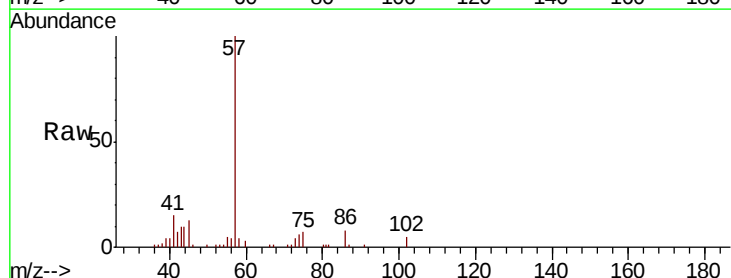


Time-->

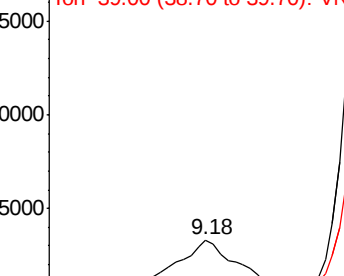


#48
Methyl methacrylate
Concen: 0.740 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

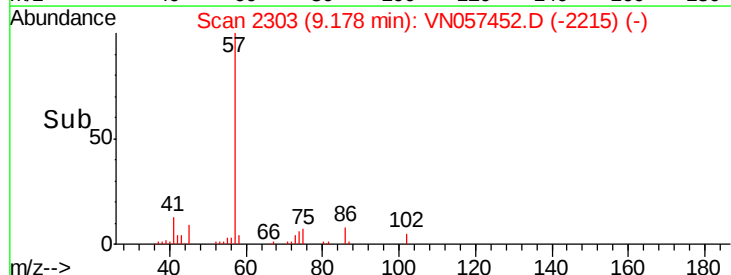
Tgt Ion: 41 Resp: 5009
Ion Ratio Lower Upper
41 100
69 3.8 59.3 88.9#
39 0.0 50.6 75.8#

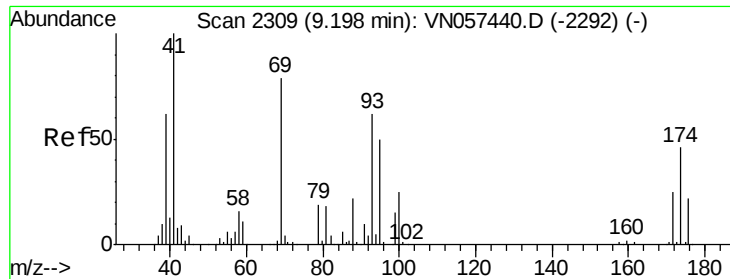


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



Time-->





#49

1,4-Dioxane

Concen: 2.160 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

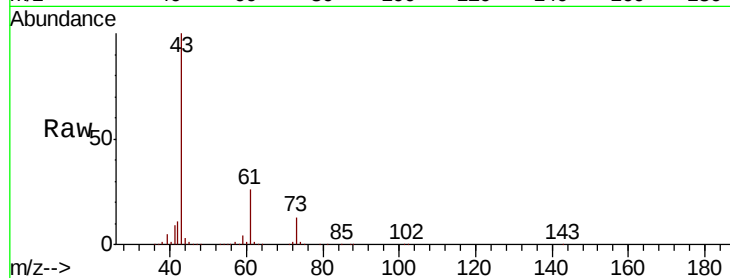
Tgt Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

43 973016.4 31.0 46.6#

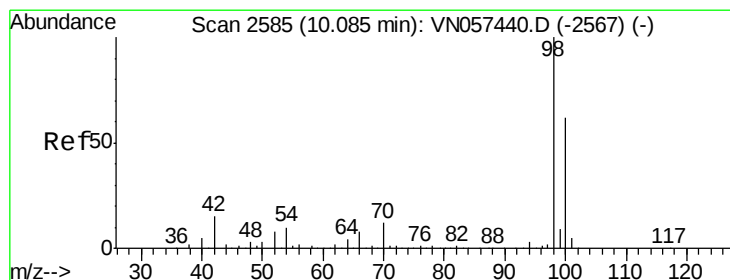
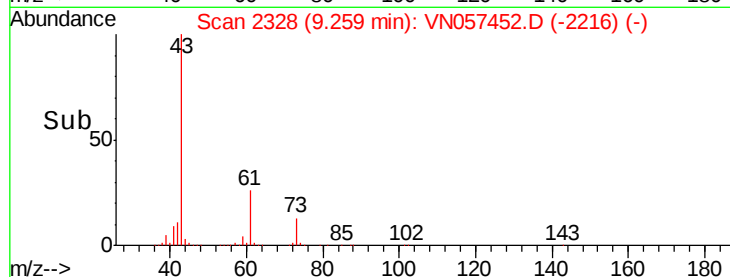
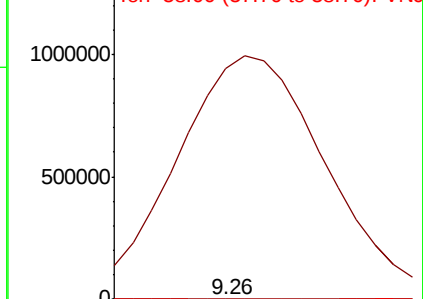
58 3412.2 64.5 96.7#



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: 49.774 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057452.D

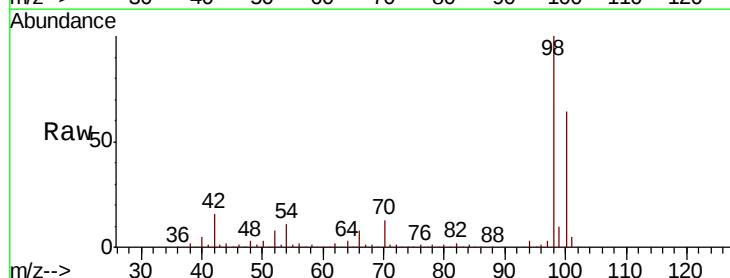
Acq: 22 Aug 2019 23:49

Tgt Ion: 98 Resp: 977128

Ion Ratio Lower Upper

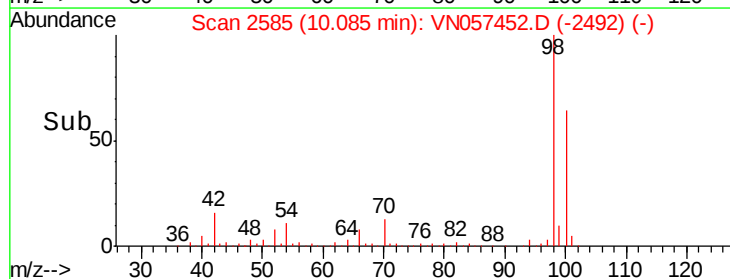
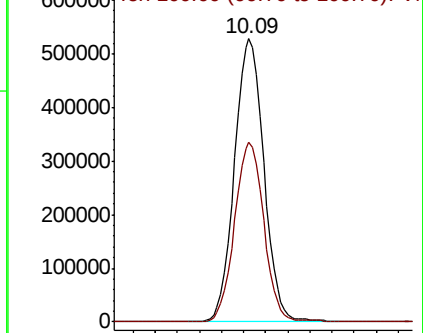
98 100

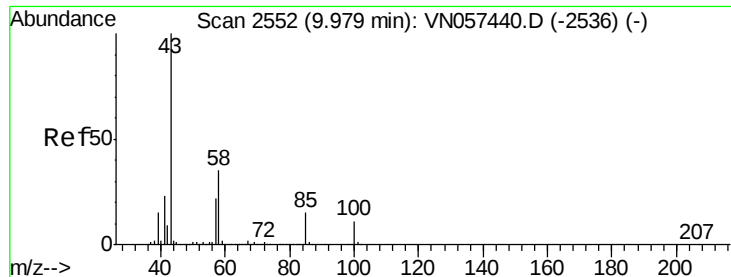
100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

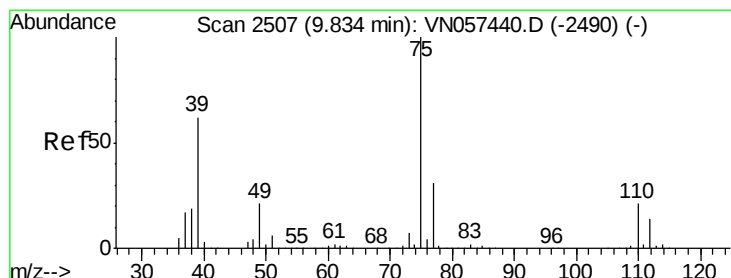
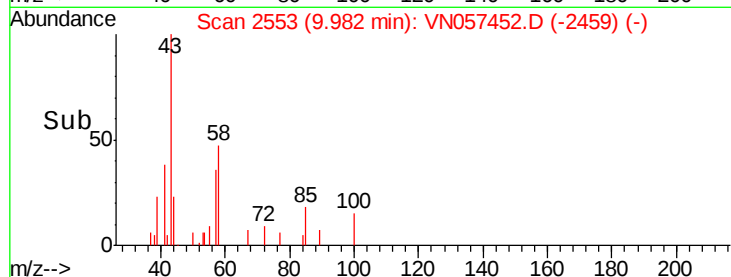
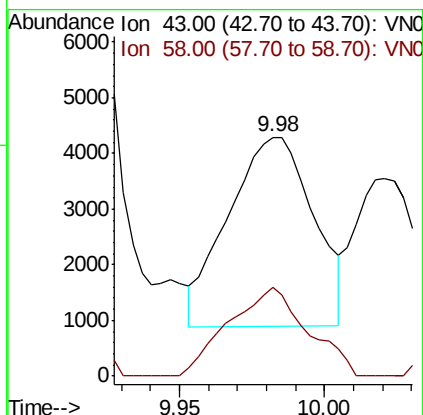
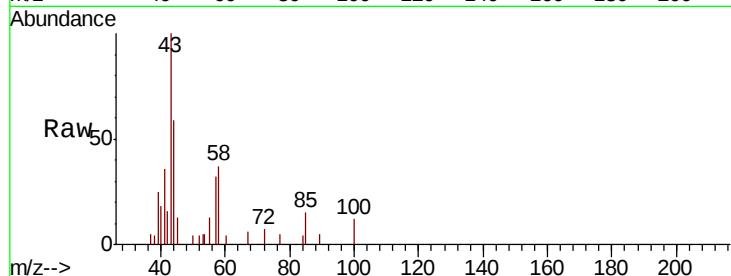




#51
 4-Methyl-2-Pentanone
 Concen: 0.875 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

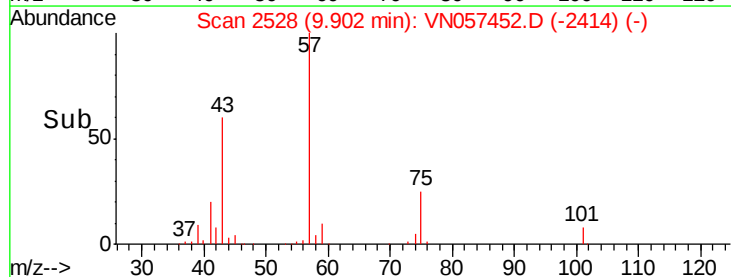
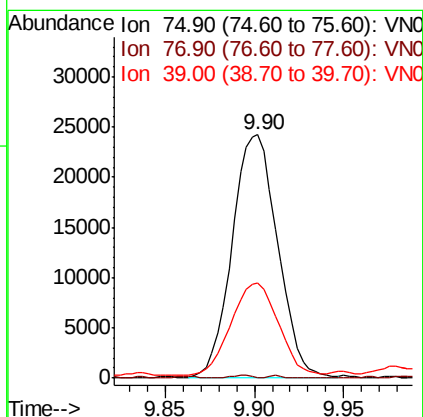
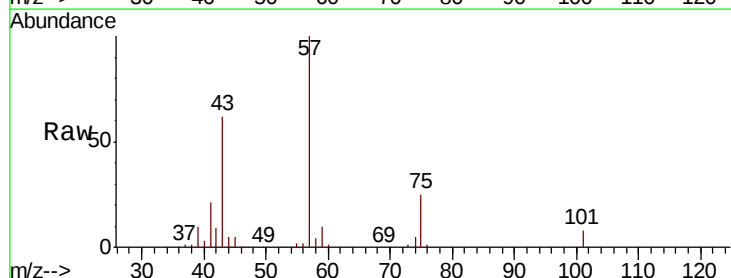
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

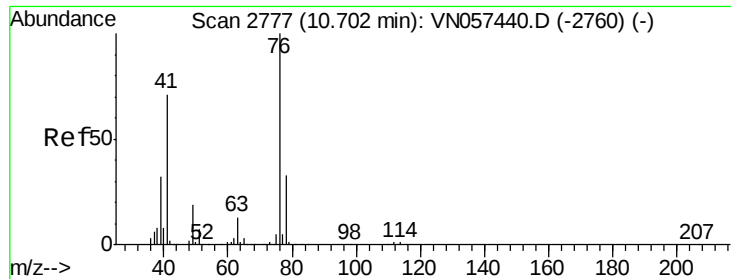
Tgt Ion: 43 Resp: 6942
 Ion Ratio Lower Upper
 43 100
 58 43.6 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 4.224 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 75 Resp: 43151
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 37.5 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.728 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampled :

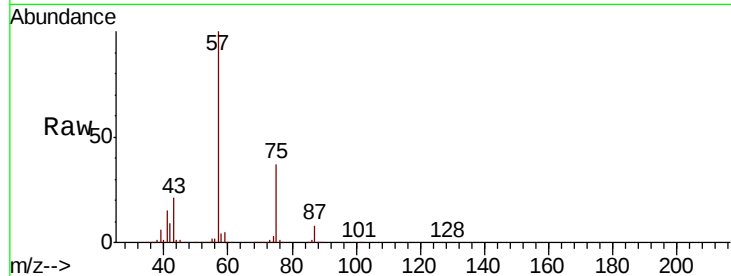
T1-J-(0)

Tgt Ion: 76 Resp: 6966

Ion Ratio Lower Upper

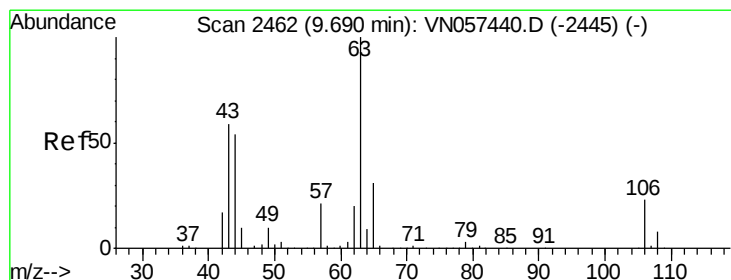
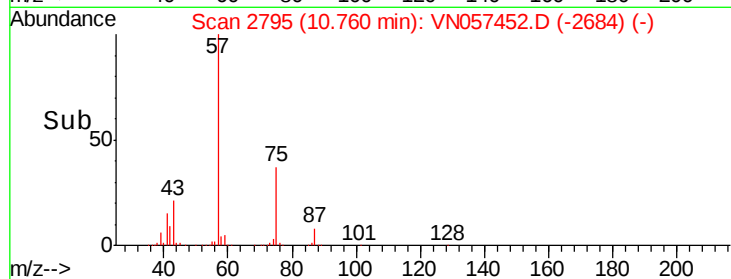
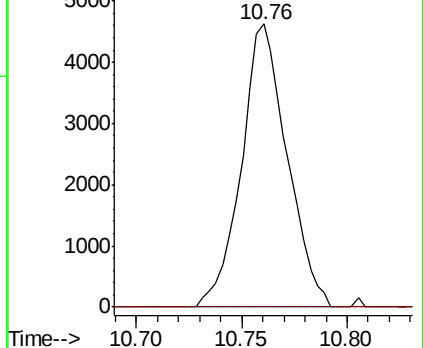
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 17.076 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.01 min

Lab File: VN057452.D

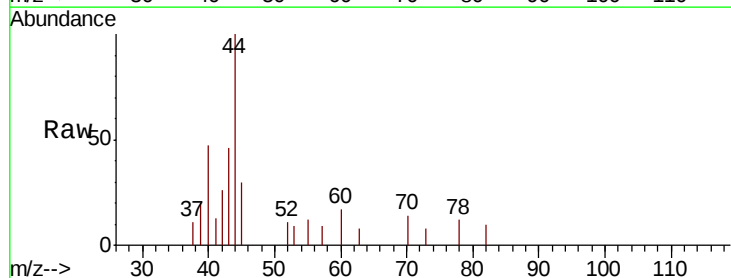
Acq: 22 Aug 2019 23:49

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

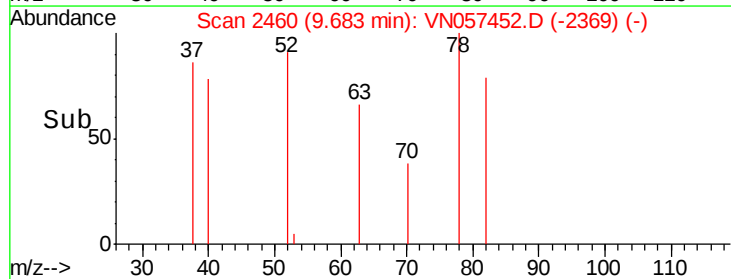
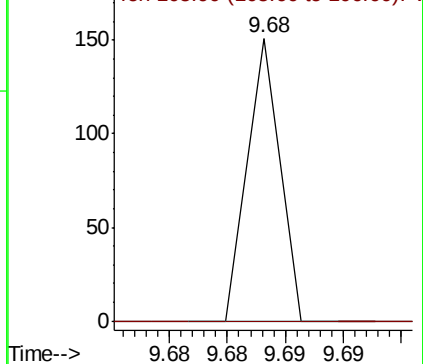
63 100

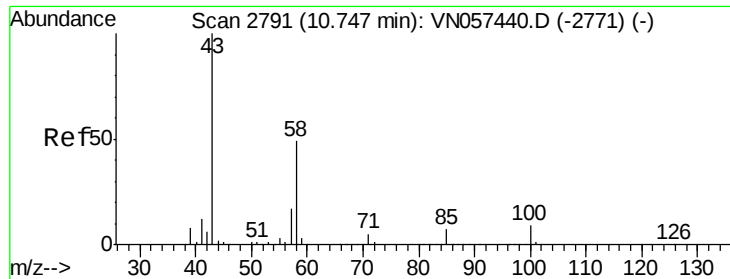
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

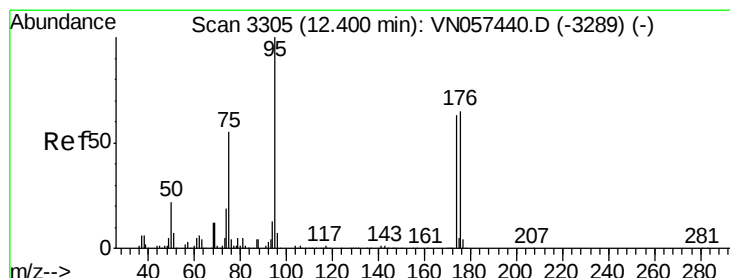
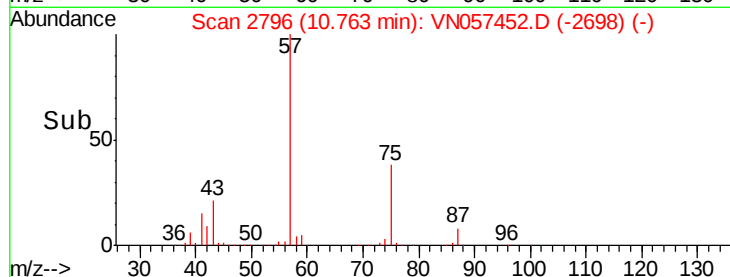
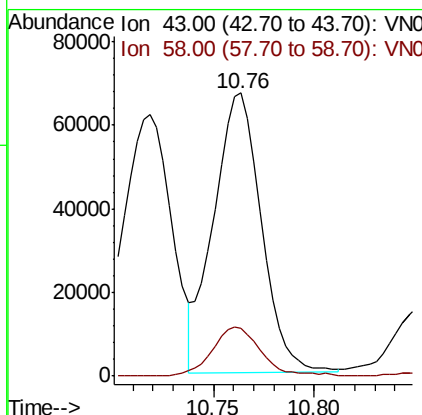
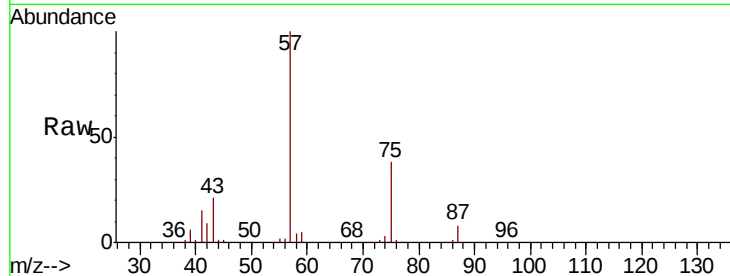




#59
2-Hexanone
Concen: 20.278 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

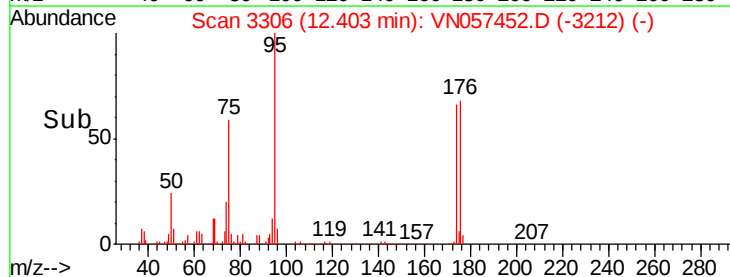
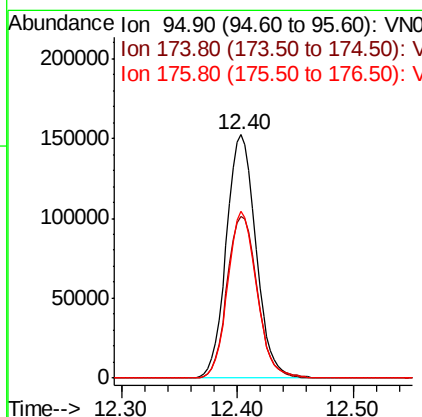
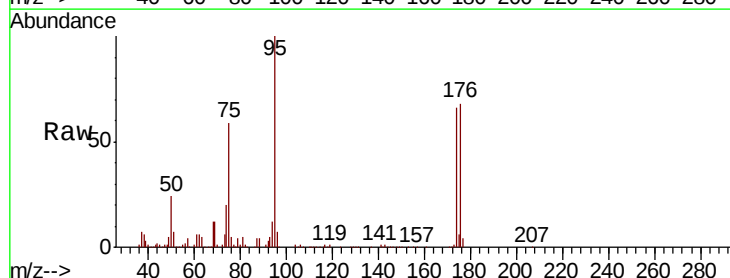
Instrument :
MSVOA_N
ClientSampled :
T1-J-(0)

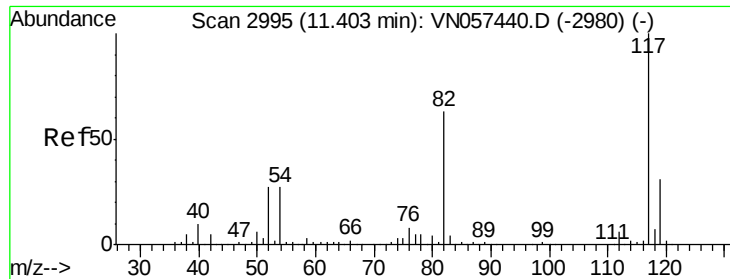
Tgt Ion: 43 Resp: 110302
Ion Ratio Lower Upper
43 100
58 18.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.698 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Tgt Ion: 95 Resp: 270754
Ion Ratio Lower Upper
95 100
174 67.6 0.0 133.0
176 66.8 0.0 130.8

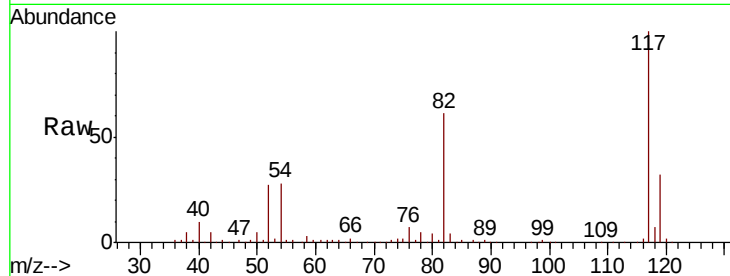




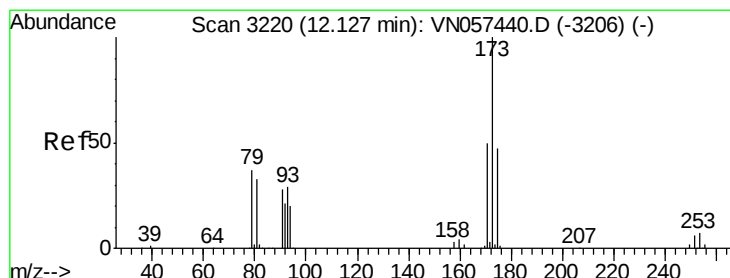
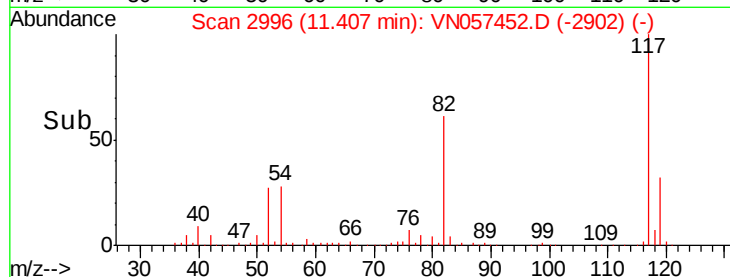
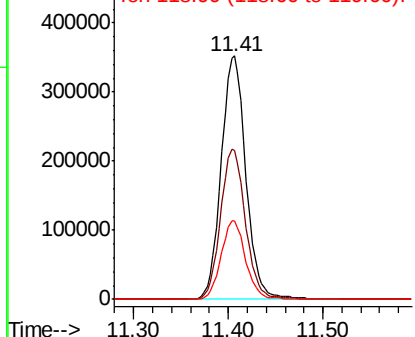
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Instrument :
MSVOA_N
ClientSampled :
T1-J-(0)

Tgt Ion:117 Resp: 637314
Ion Ratio Lower Upper
117 100
82 61.1 50.6 75.8
119 32.2 24.6 36.8

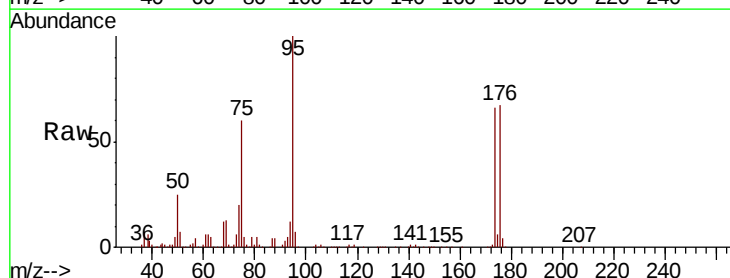


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

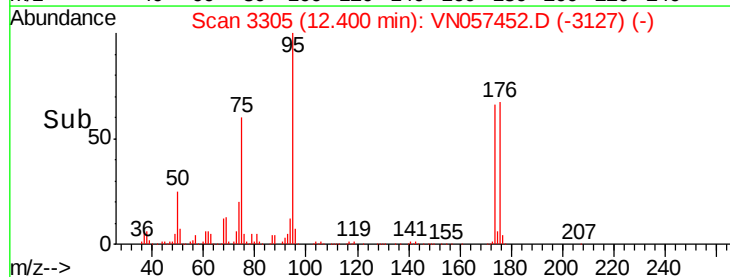
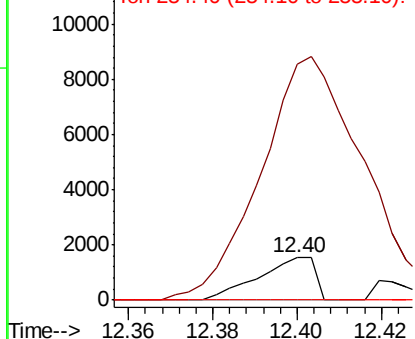


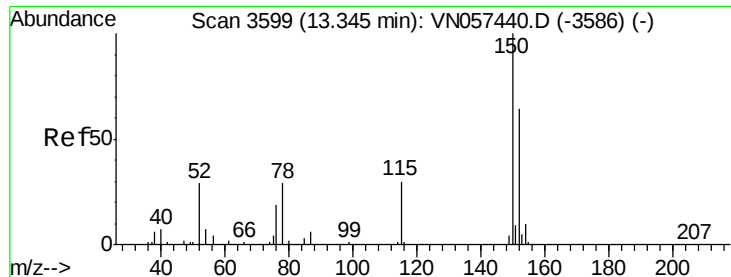
#71
Bromoform
Concen: 0.428 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Tgt Ion:173 Resp: 1431
Ion Ratio Lower Upper
173 100
175 840.7 23.9 71.8#
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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

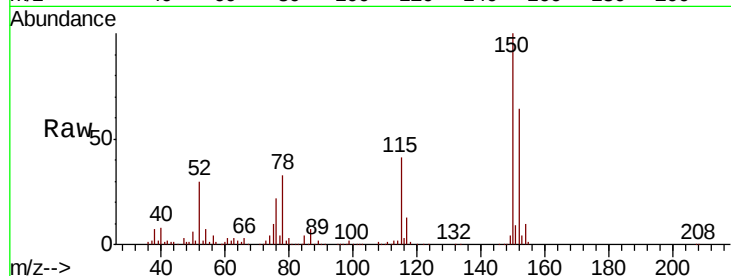
Tgt Ion:152 Resp: 160191

Ion Ratio Lower Upper

152 100

115 64.3 32.0 96.0

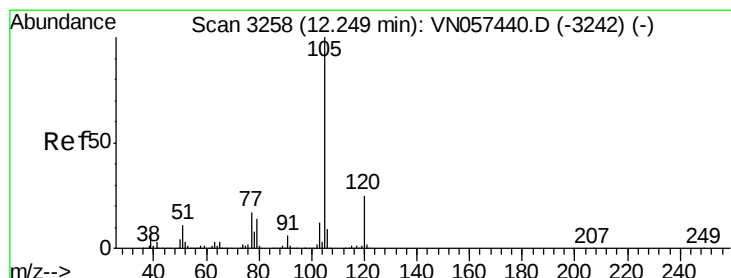
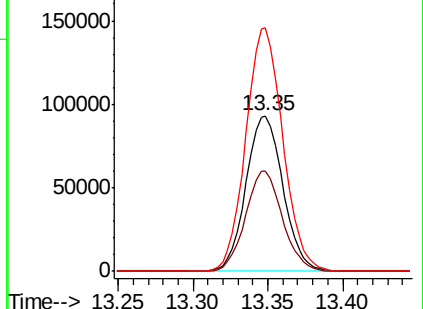
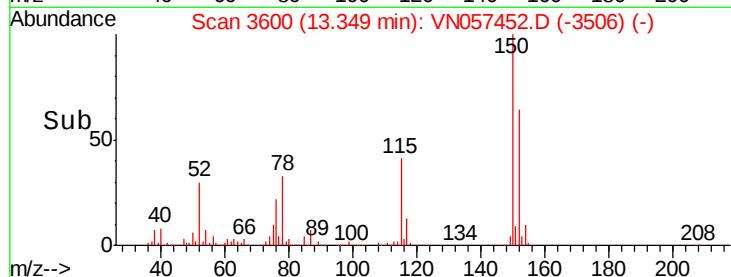
150 157.1 0.0 346.6



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057452.D

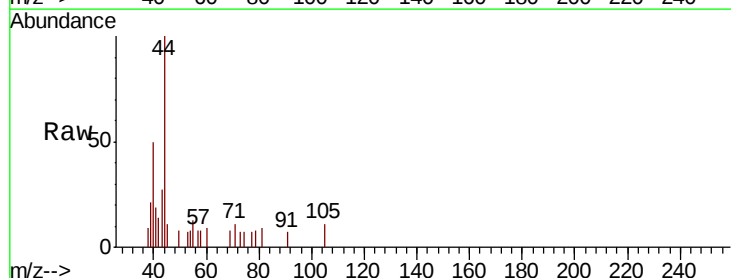
Acq: 22 Aug 2019 23:49

Tgt Ion:105 Resp: 155

Ion Ratio Lower Upper

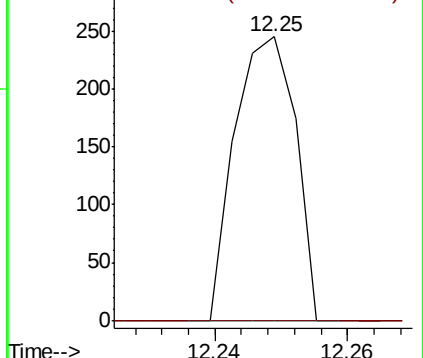
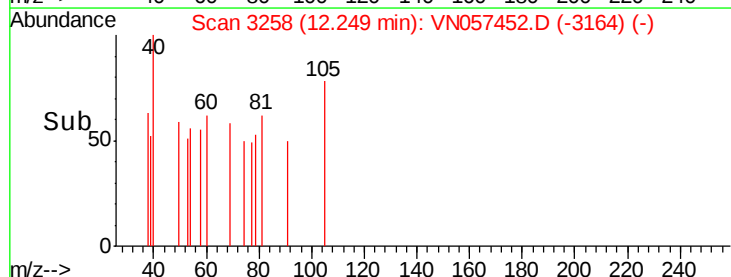
105 100

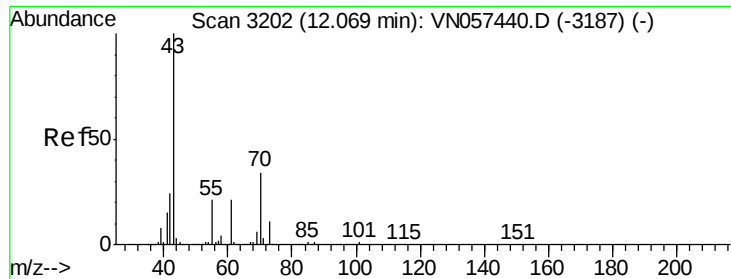
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

Tgt Ion: 43 Resp: 3739

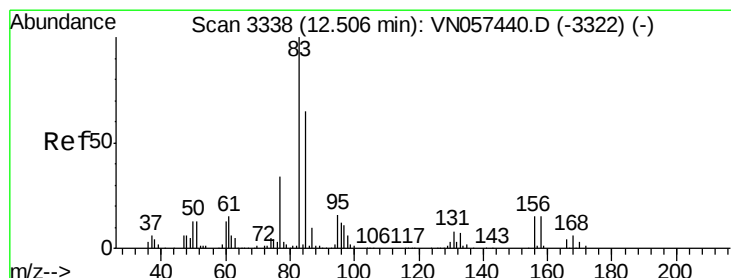
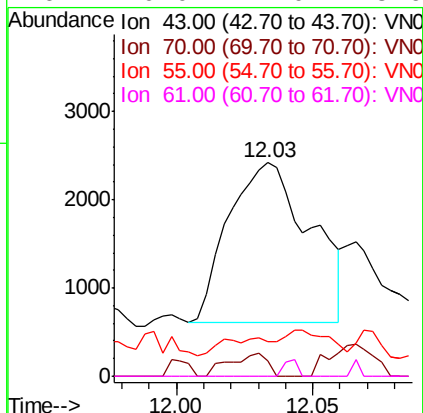
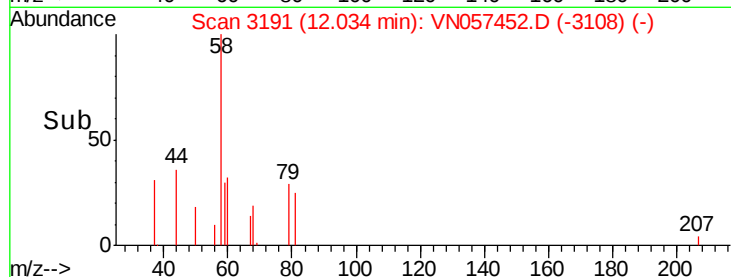
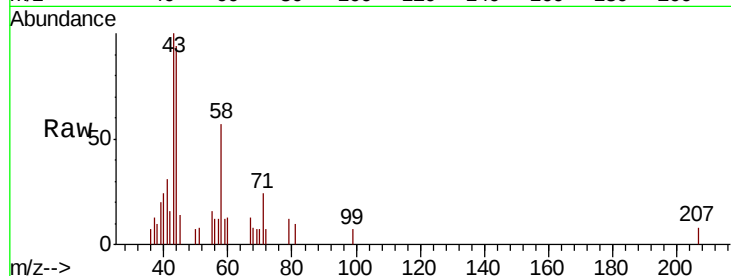
Ion Ratio Lower Upper

43 100

70 6.8 27.8 41.6#

55 6.8 17.0 25.4#

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3347

Delta R.T. 0.03 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

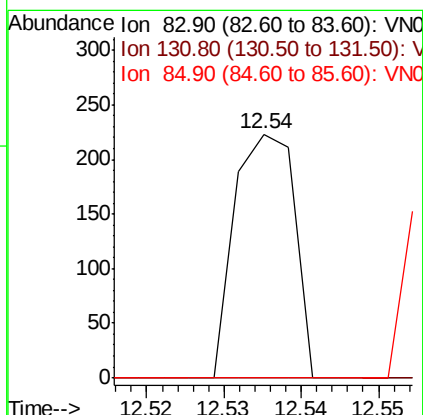
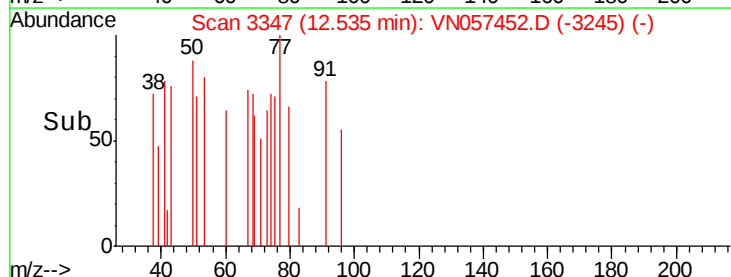
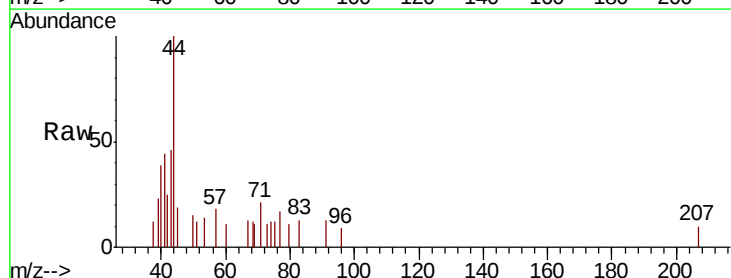
Tgt Ion: 83 Resp: 120

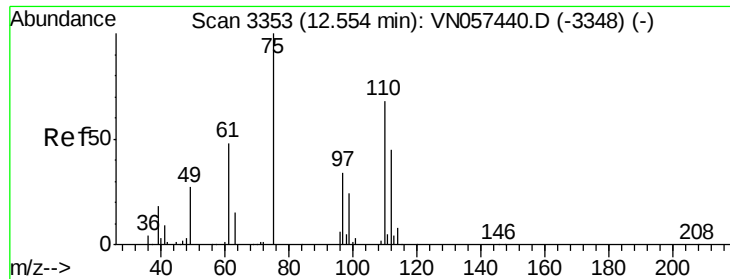
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#

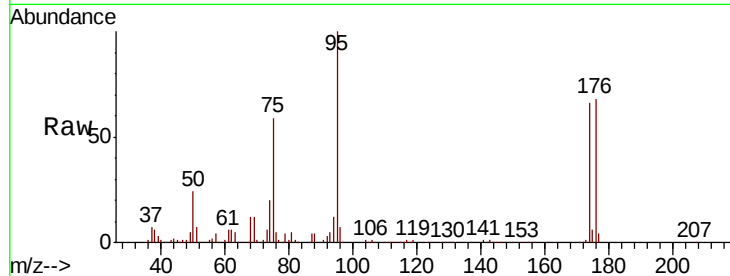




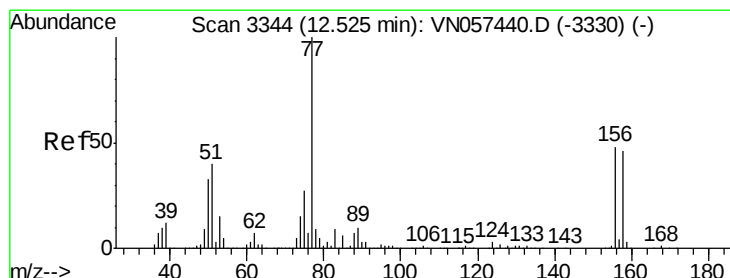
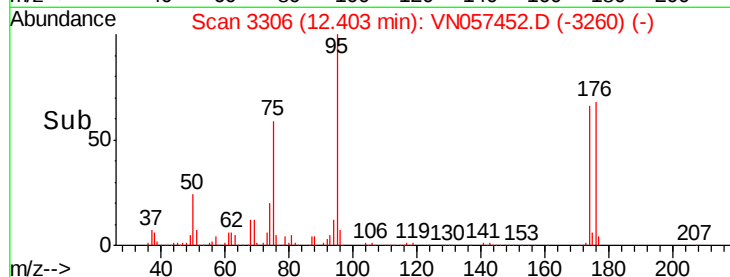
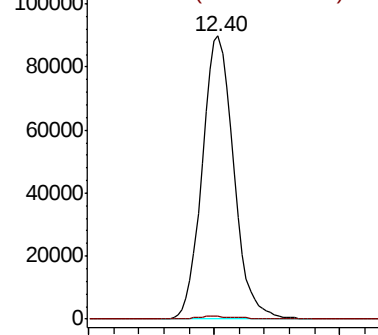
#76
 1,2,3-Trichloropropane
 Concen: 43.787 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-J-(0)

Tgt Ion: 75 Resp: 156904
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

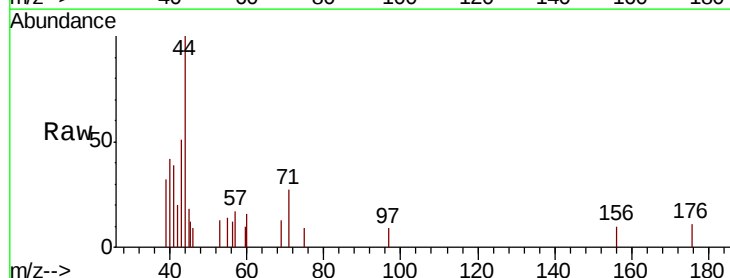


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 77.00 (76.70 to 77.70): VN0

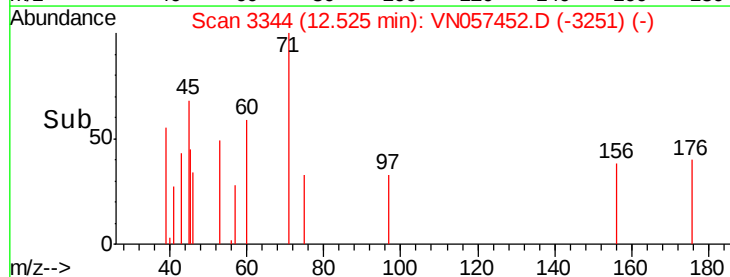
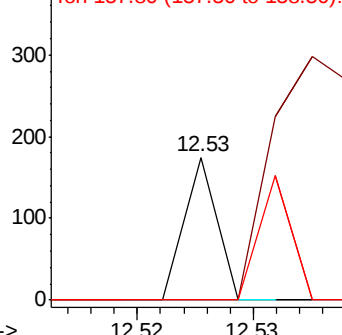


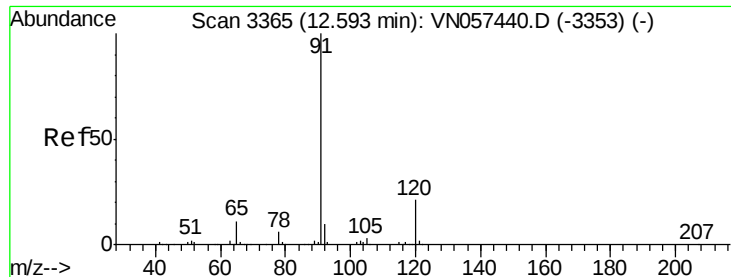
#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 156 Resp: 34
 Ion Ratio Lower Upper
 156 100
 77 750.0 124.4 373.3#
 158 85.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 157.80 (157.50 to 158.50): V

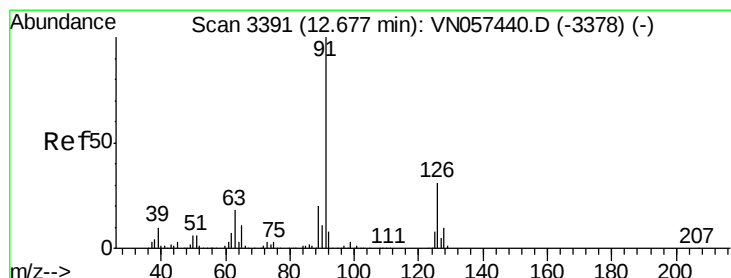
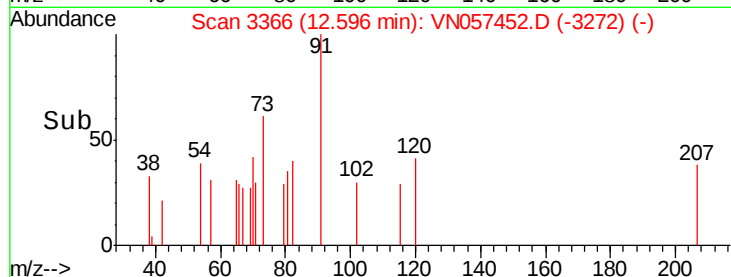
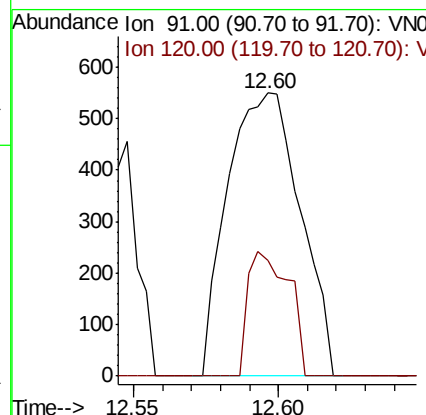
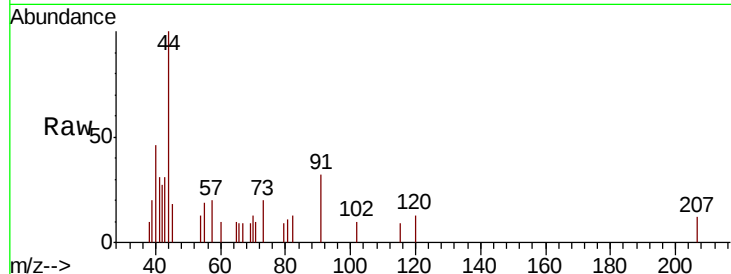




#78
n-propylbenzene
Concen: Below Cal
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

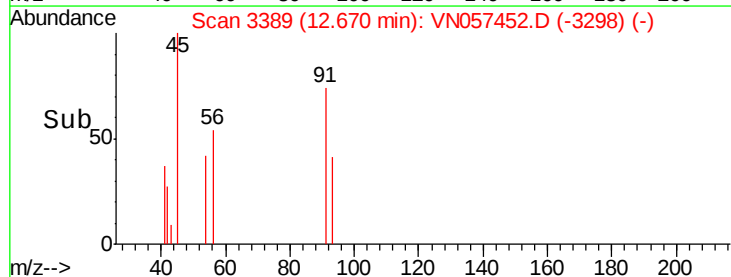
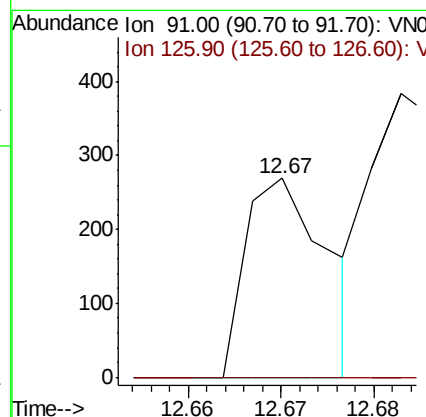
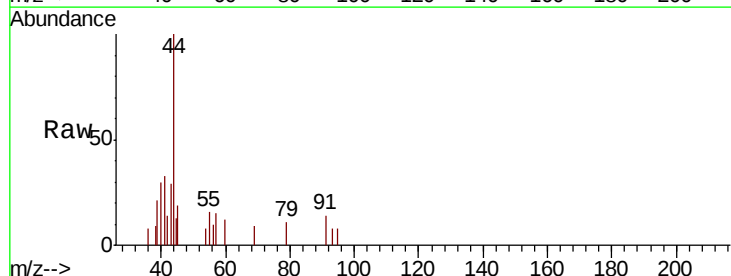
Instrument :
MSVOA_N
ClientSampled :
T1-J-(0)

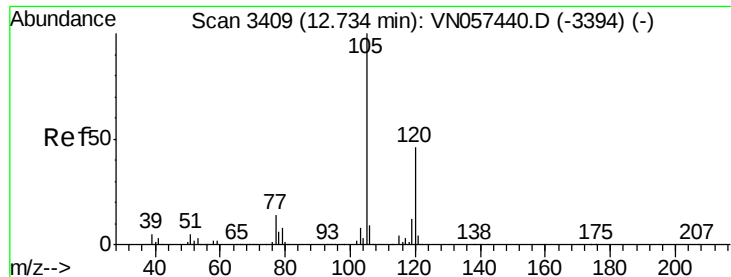
Tgt Ion: 91 Resp: 959
Ion Ratio Lower Upper
91 100
120 24.7 10.7 32.1



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VN057452.D
Acq: 22 Aug 2019 23:49

Tgt Ion: 91 Resp: 165
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.8#

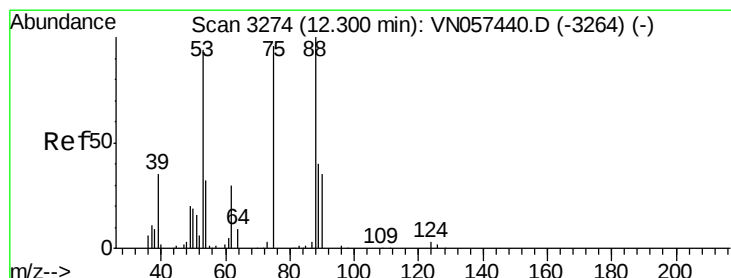
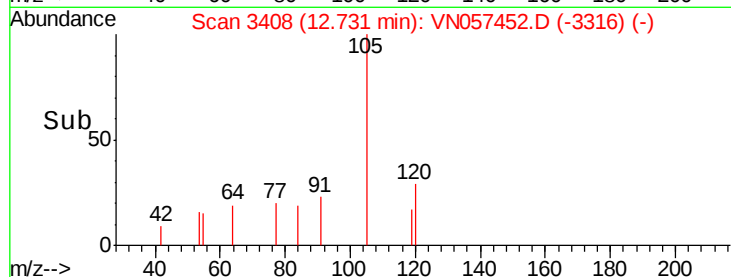
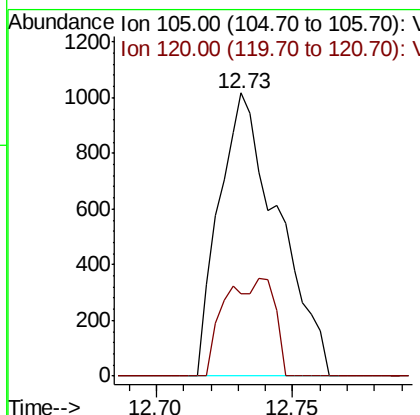
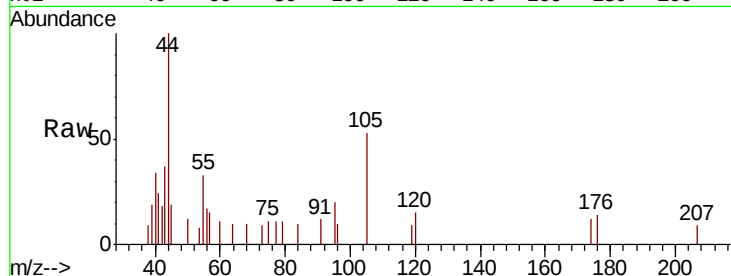




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

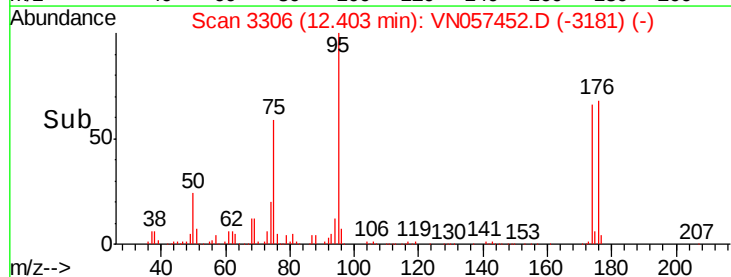
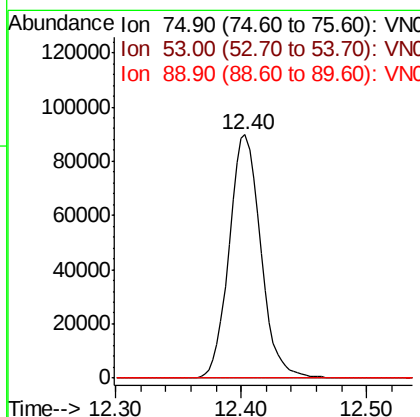
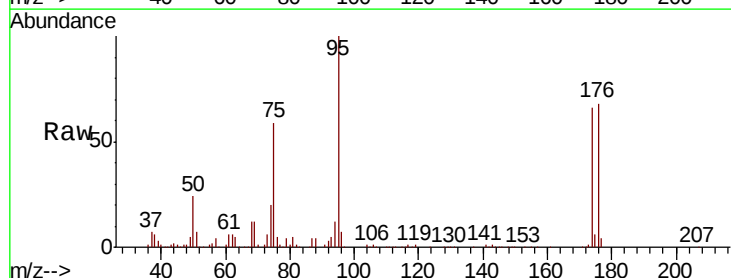
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

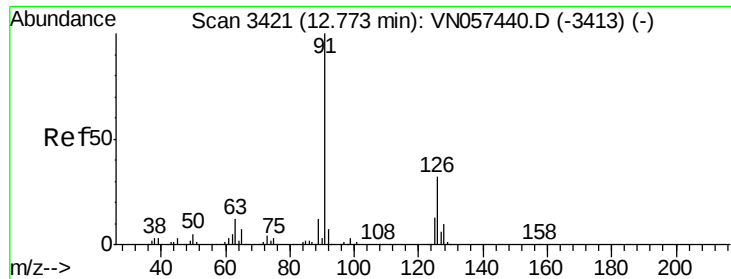
Tgt Ion: 105 Resp: 1536
 Ion Ratio Lower Upper
 105 100
 120 29.0 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.418 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 75 Resp: 156904
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.7 124.1#
 89 0.0 35.8 53.8#

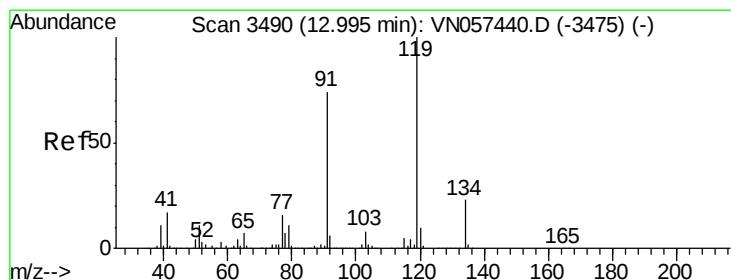
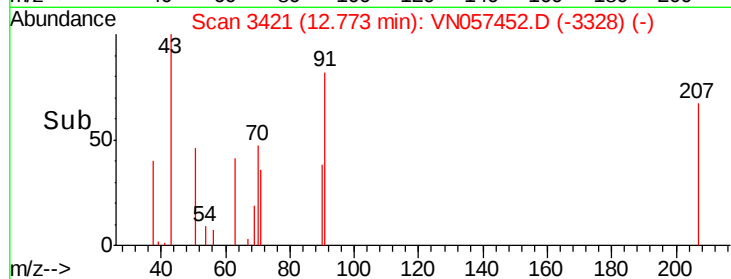
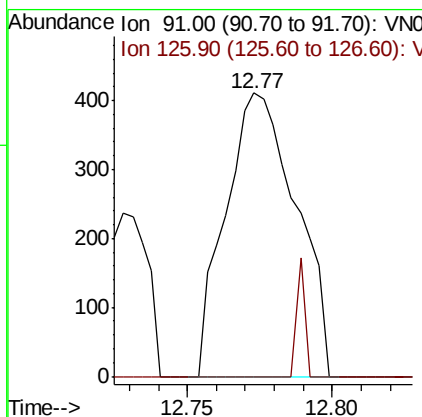
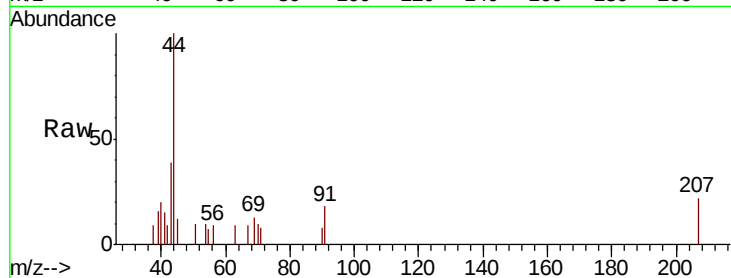




#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

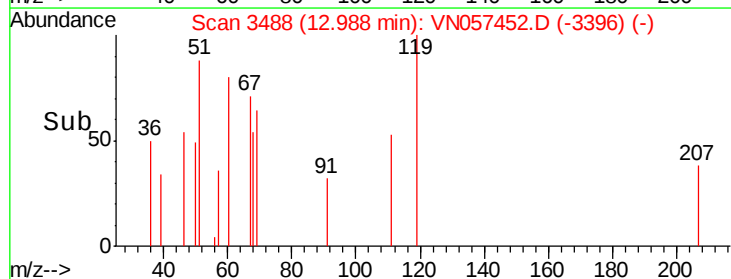
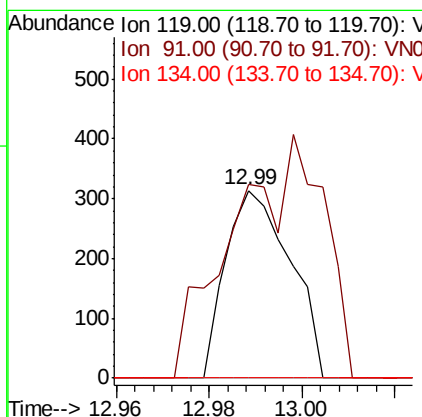
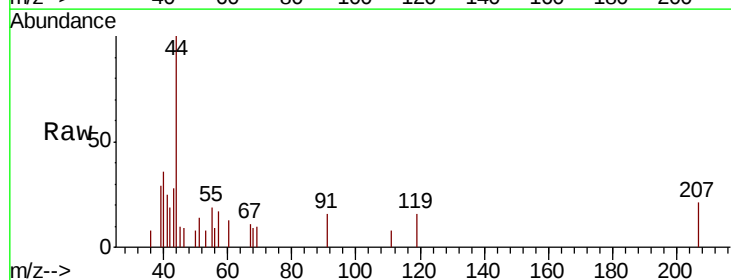
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

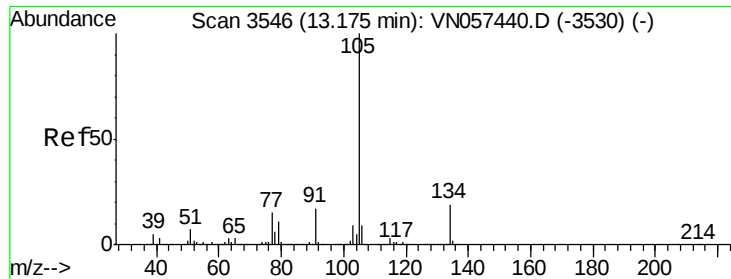
Tgt Ion: 91 Resp: 695
 Ion Ratio Lower Upper
 91 100
 126 4.7 15.0 45.0#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 119 Resp: 305
 Ion Ratio Lower Upper
 119 100
 91 180.0 37.0 111.0#
 134 0.0 12.2 36.6#

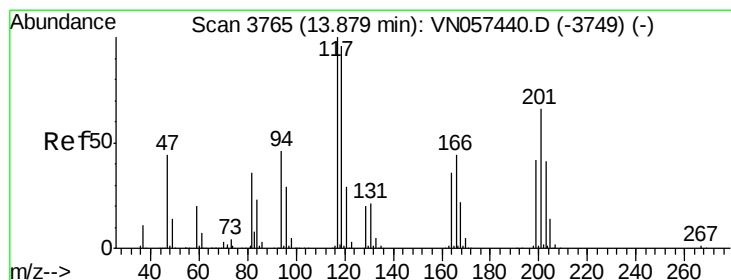
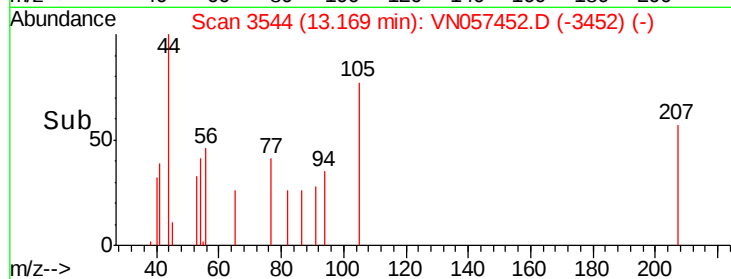
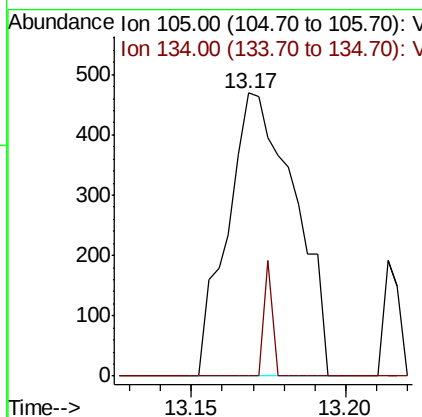
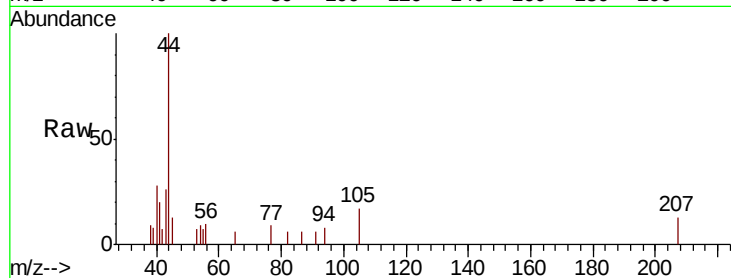




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

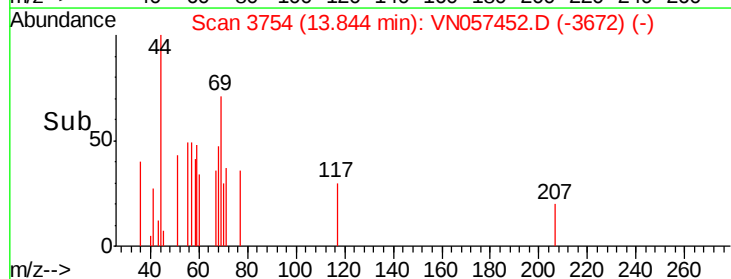
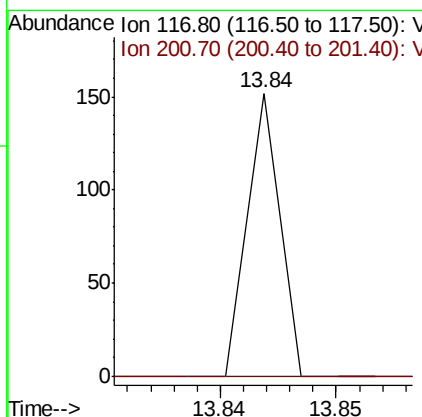
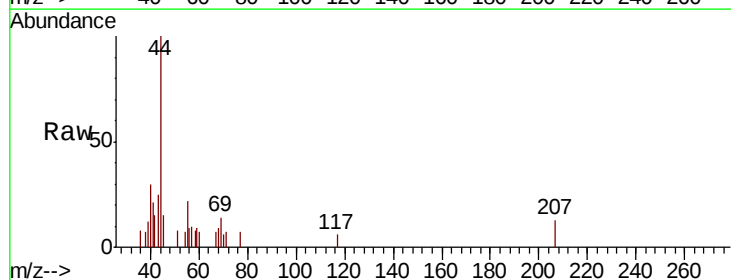
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

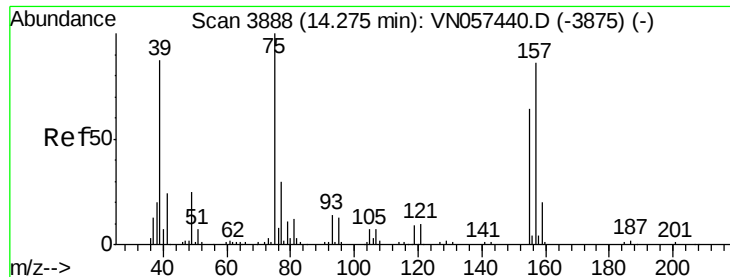
Tgt Ion:105 Resp: 708
 Ion Ratio Lower Upper
 105 100
 134 5.2 9.3 27.9#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.84 min Scan# 3754
 Delta R.T. -0.04 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion:117 Resp: 29
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.1 99.3#

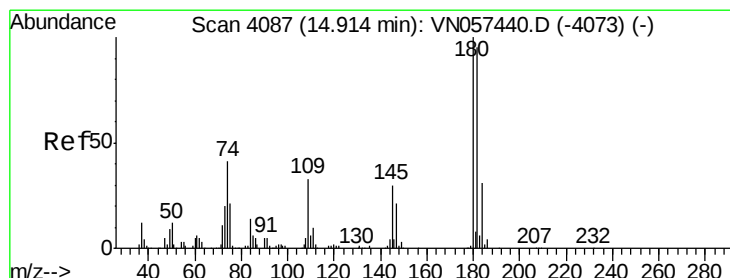
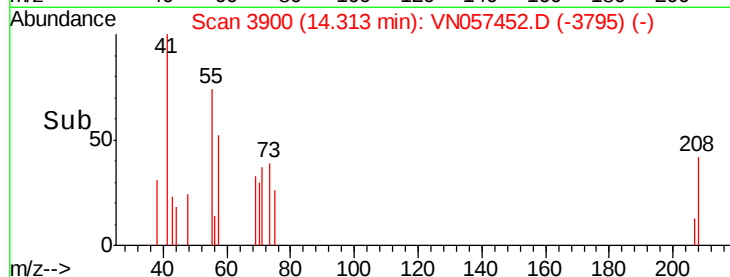
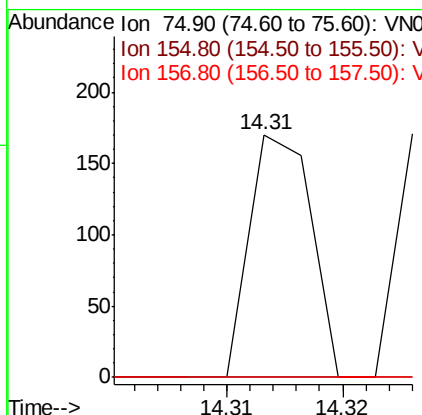
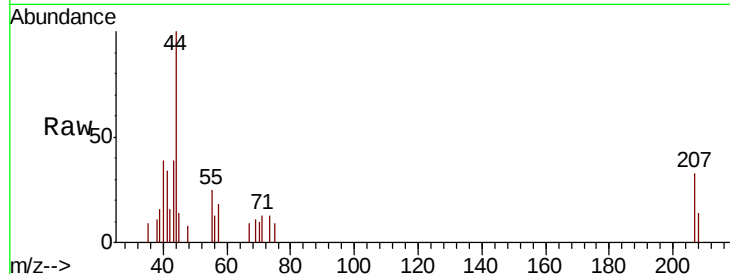




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.31 min Scan# 3900
 Delta R.T. 0.04 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

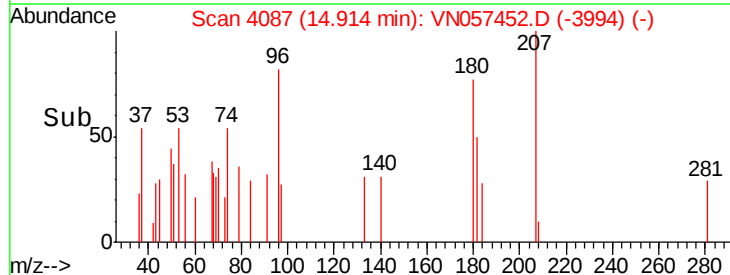
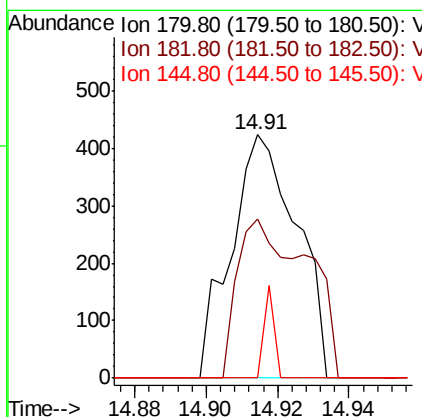
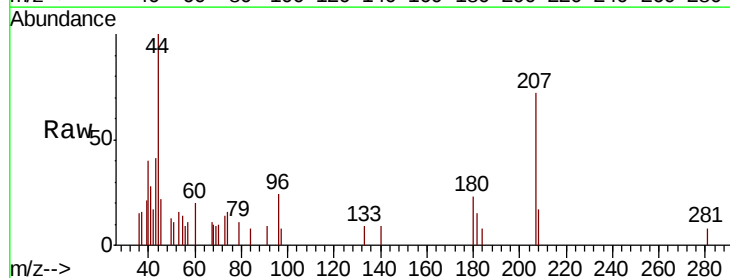
Instrument :
 MSVOA_N
 ClientSampled :
 T1-J-(0)

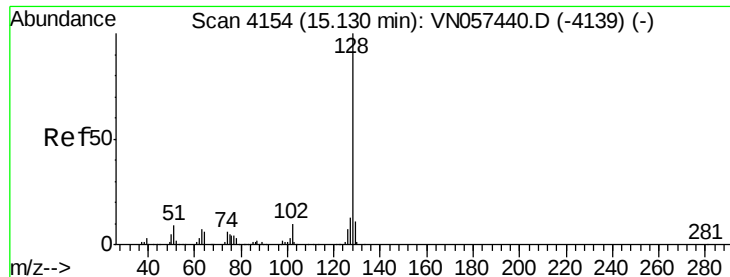
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.613 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057452.D
 Acq: 22 Aug 2019 23:49

Tgt Ion: 180 Resp: 539
 Ion Ratio Lower Upper
 180 100
 182 69.8 46.7 140.1
 145 5.8 15.6 46.8#





#95

Naphthalene

Concen: 4.514 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

Instrument :

MSVOA_N

ClientSampleId :

T1-J-(0)

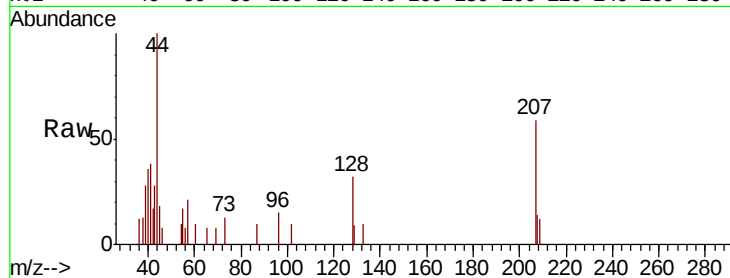
Tgt Ion:128 Resp: 1216

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 12.7 8.6 13.0



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

15.13

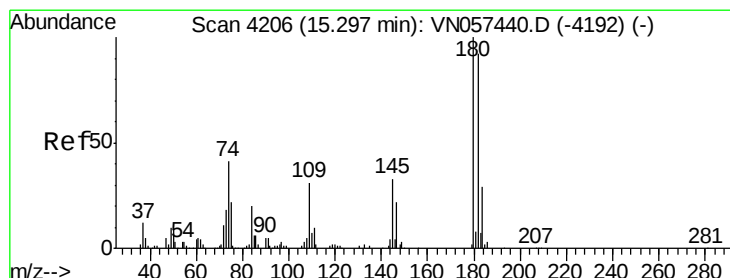
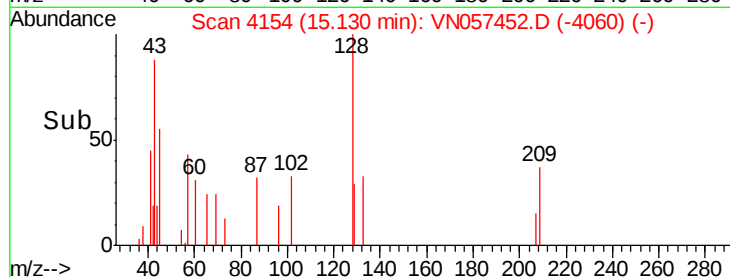
600

400

200

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 5.320 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057452.D

Acq: 22 Aug 2019 23:49

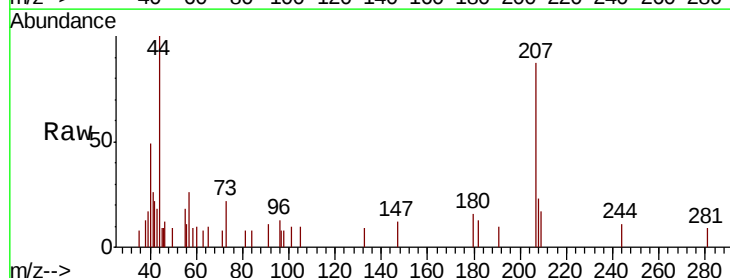
Tgt Ion:180 Resp: 456

Ion Ratio Lower Upper

180 100

182 84.9 46.7 140.1

145 0.0 16.8 50.3#



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

15.30

400

300

200

100

0

Time-->

