

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057183.D
 Acq On : 11 Aug 2019 13:26
 Operator : JC/SP
 Sample : K4227-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-J(0)

Quant Time: Aug 12 05:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

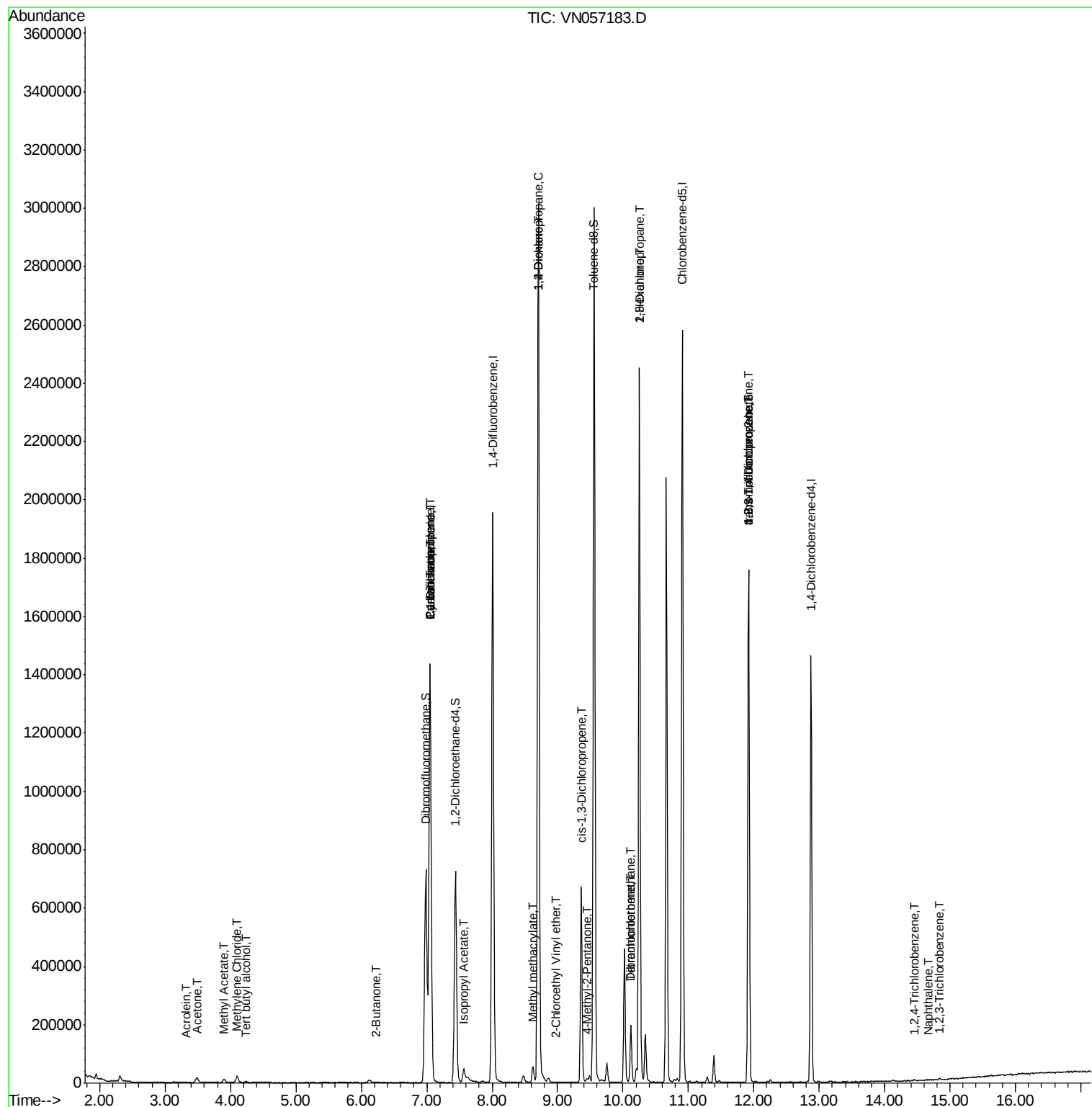
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1388542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1953769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1642938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	429834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	640506	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
35) Dibromofluoromethane	6.99	113	588611	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	9.56	98	2268880	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.92	95	610145	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.23	59	3231	1.590	ug/l #	73
13) Acrolein	3.31	56	508	0.395	ug/l #	46
16) Acetone	3.48	43	23723	5.501	ug/l	100
18) Methyl Acetate	3.90	43	21006	0.991	ug/l	99
20) Methylene Chloride	4.10	84	15677	1.101	ug/l #	89
25) 2-Butanone	6.22	43	2203	0.334	ug/l #	83
31) Cyclohexane	7.05	56	20871	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	86323	5.366	ug/l #	48
38) Carbon Tetrachloride	7.05	117	116436	6.945	ug/l #	17
43) Isopropyl Acetate	7.57	43	62989	2.783	ug/l #	81
45) 1,2-Dichloropropane	8.70	63	3985	0.302	ug/l #	43
48) Methyl methacrylate	8.62	41	18042	1.691	ug/l #	10
49) 1,4-Dioxane	8.70	88	343	1.578	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	7967	0.605	ug/l #	75
54) cis-1,3-Dichloropropene	9.36	75	137062	6.989	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	29233	1.426	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.96	63	61	13.124	ug/l #	47
59) 2-Hexanone	10.25	43	345342	38.743	ug/l #	50
60) Dibromochloromethane	10.12	129	3170	0.243	ug/l #	11
64) Tetrachloroethene	10.11	164	3192	0.234	ug/l	93
73) Isopropylbenzene	11.76	105	877	Below Cal	#	61
75) 1,1,2,2-Tetrachloroethane	11.93	83	70	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	284282	32.870	ug/l #	100
79) 2-Chlorotoluene	12.20	91	639	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.92	75	284282	97.245	ug/l #	14
83) tert-Butylbenzene	12.51	119	703	Below Cal	#	70
93) 1,2,4-Trichlorobenzene	14.45	180	1330	6.118	ug/l	89
94) Hexachlorobutadiene	14.55	225	128	Below Cal		73
95) Naphthalene	14.66	128	1943	2.978	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.83	180	1631	5.945	ug/l	98

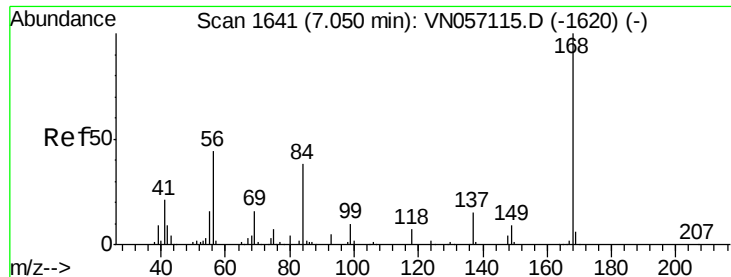
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

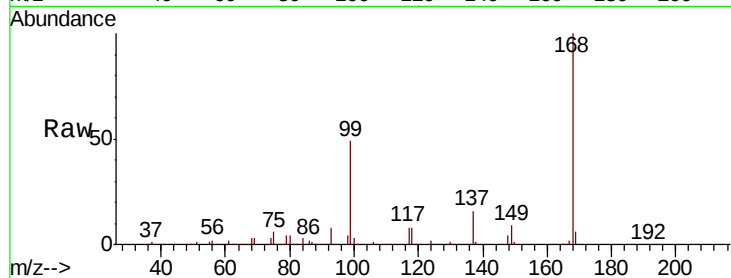
1S-J(0)

Tgt Ion:168 Resp: 1388542

Ion Ratio Lower Upper

168 100

99 48.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

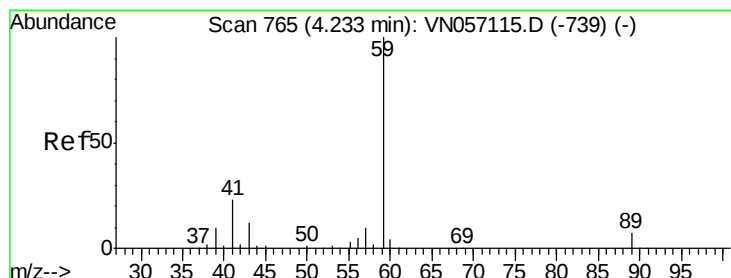
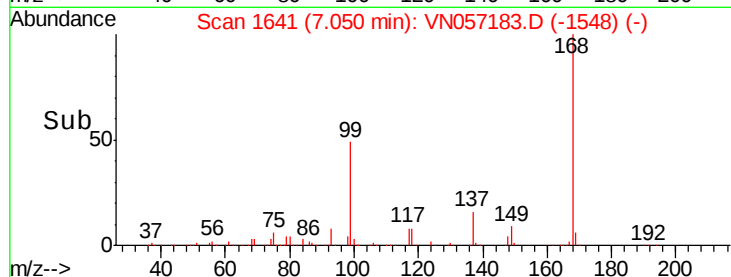
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#11

Tert butyl alcohol

Concen: 1.590 ug/l

RT: 4.23 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN057183.D

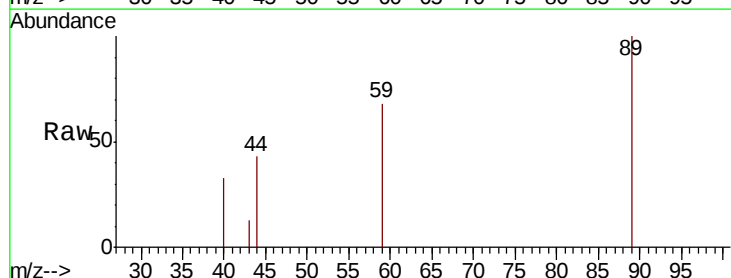
Acq: 11 Aug 2019 13:26

Tgt Ion: 59 Resp: 3231

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.23

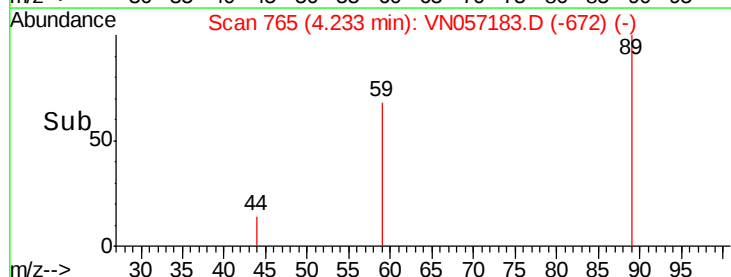
1500

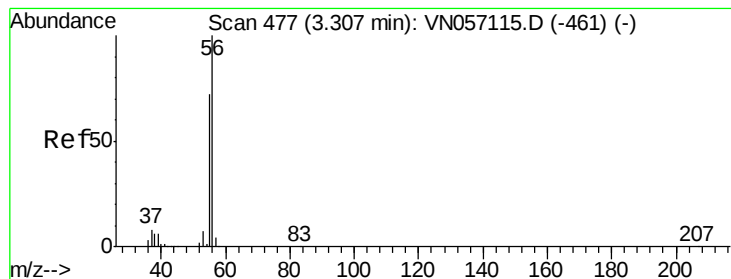
1000

500

0

Time--> 4.20 4.25 4.30





#13

Acrolein

Concen: 0.395 ug/l

RT: 3.31 min Scan# 479

Delta R.T. 0.01 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

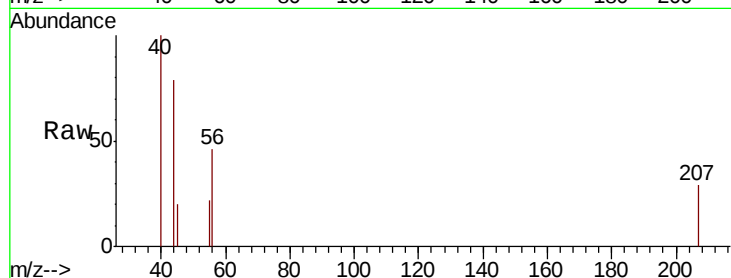
1S-J(0)

Tgt Ion: 56 Resp: 508

Ion Ratio Lower Upper

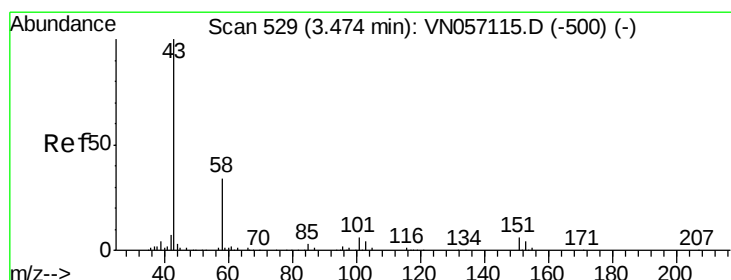
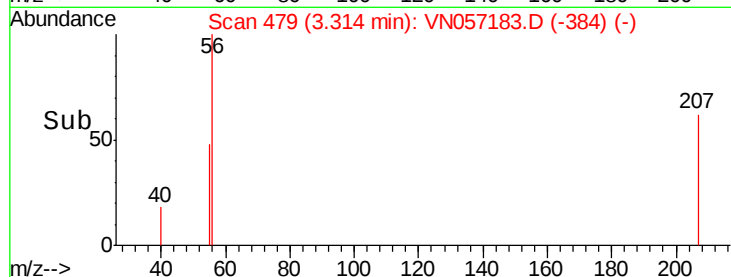
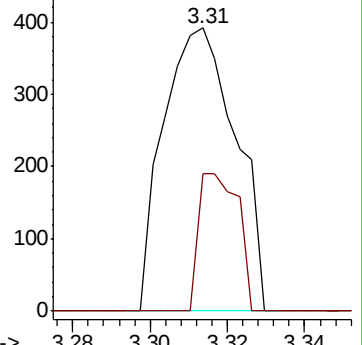
56 100

55 26.8 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 5.501 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057183.D

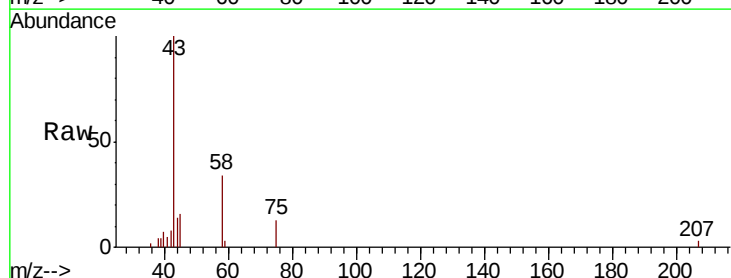
Acq: 11 Aug 2019 13:26

Tgt Ion: 43 Resp: 23723

Ion Ratio Lower Upper

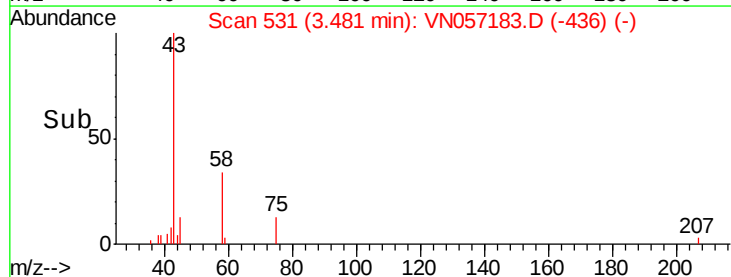
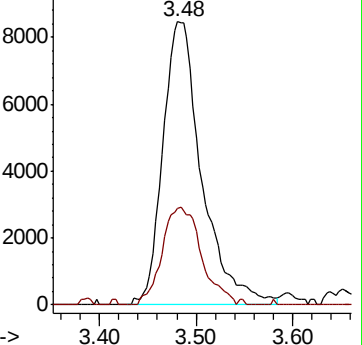
43 100

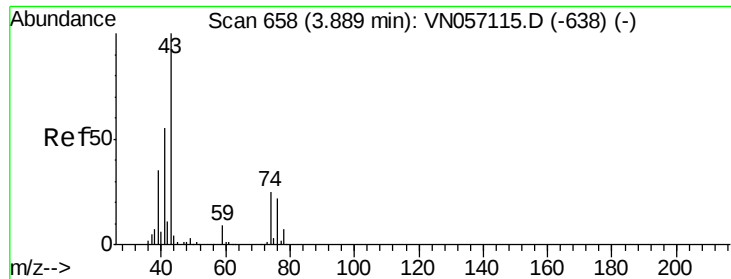
58 34.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

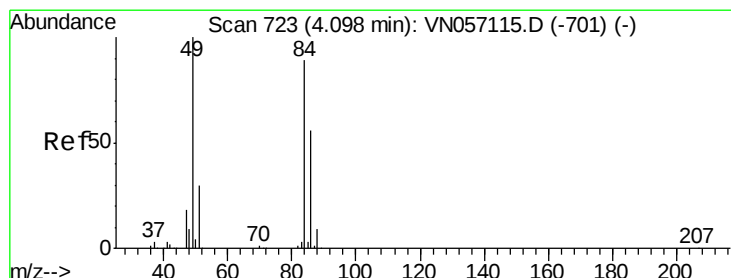
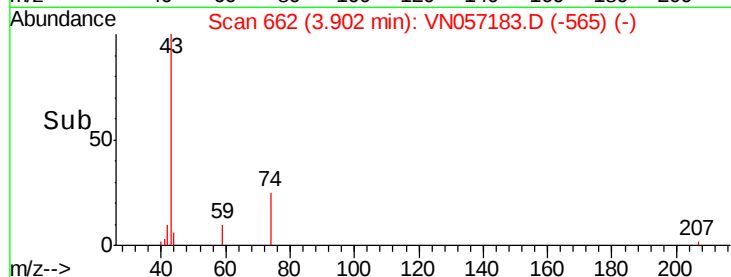
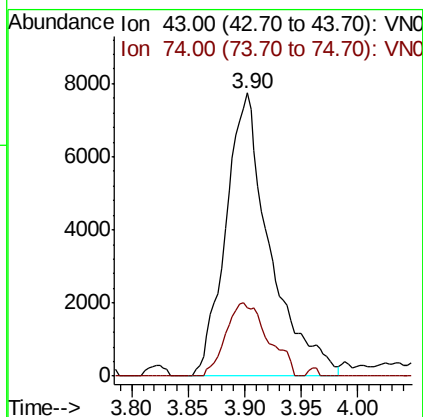
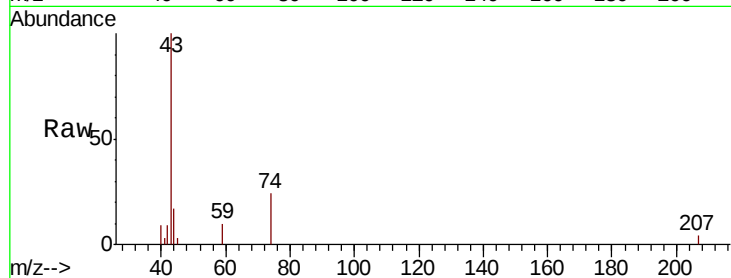




#18
Methyl Acetate
Concen: 0.991 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

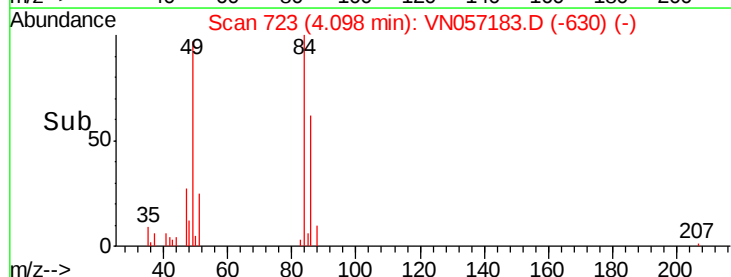
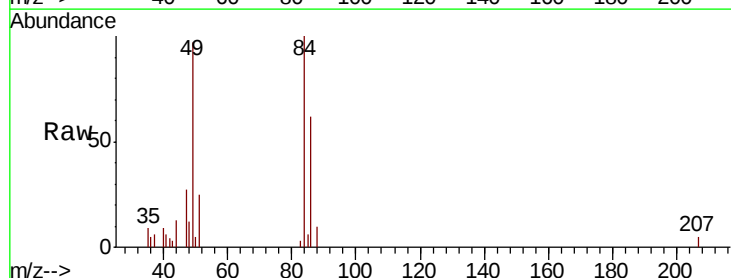
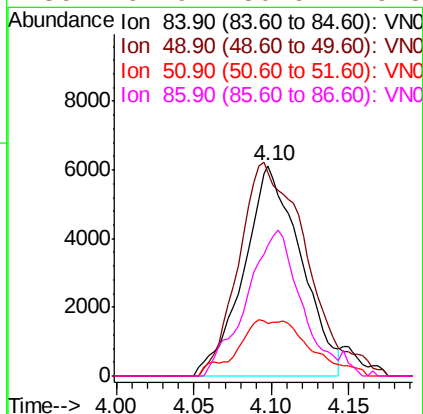
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1S-J-(0)

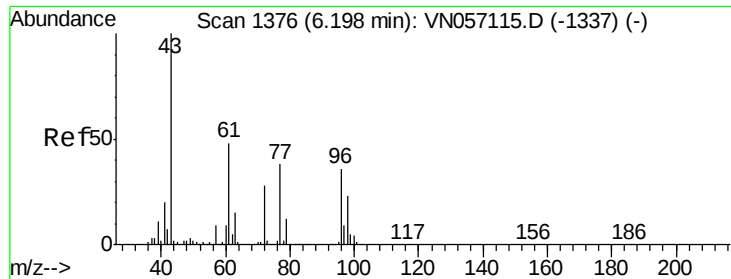
Tgt Ion: 43 Resp: 21006
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.4



#20
Methylene Chloride
Concen: 1.101 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Tgt Ion: 84 Resp: 15677
Ion Ratio Lower Upper
84 100
49 96.5 89.5 134.3
51 25.2 27.2 40.8#
86 61.9 50.6 75.8

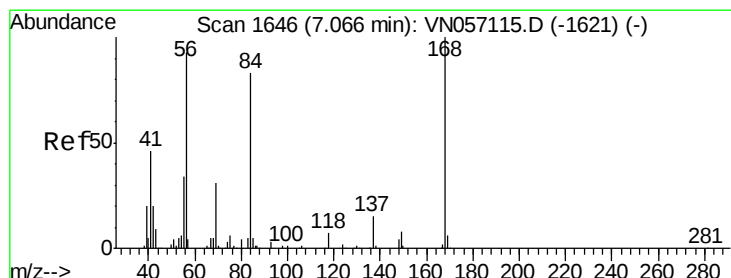
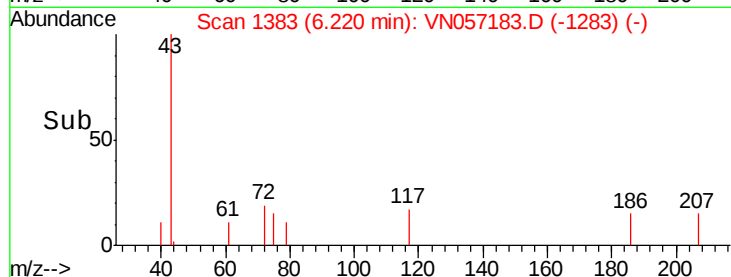
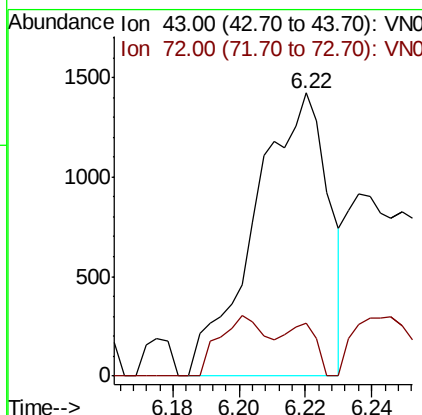
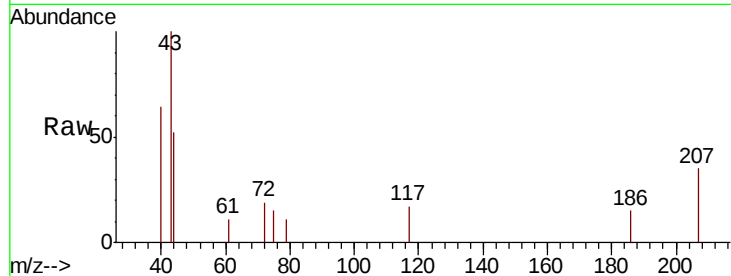




#25
2-Butanone
Concen: 0.334 ug/l
RT: 6.22 min Scan# 1383
Delta R.T. 0.02 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

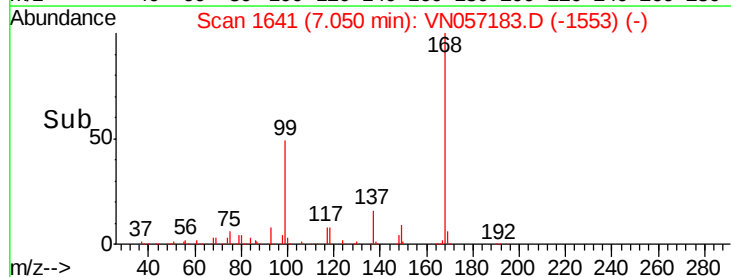
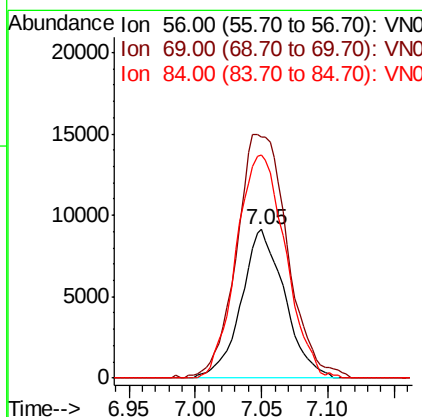
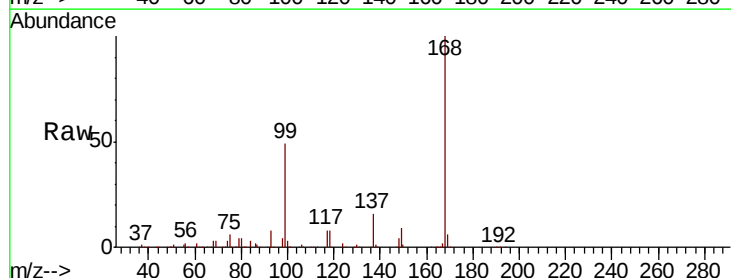
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1S-J(0)

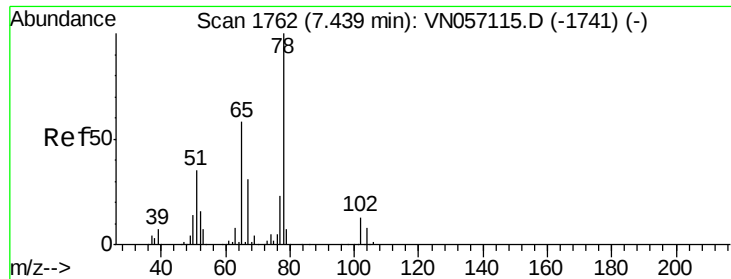
Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
72 18.7 22.2 33.4#



#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Tgt Ion: 56 Resp: 20871
Ion Ratio Lower Upper
56 100
69 160.8 26.9 40.3#
84 150.3 71.9 107.9#

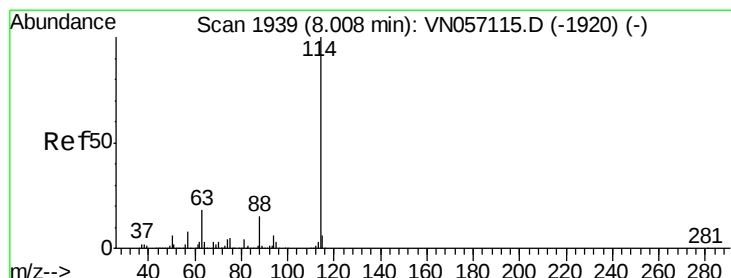
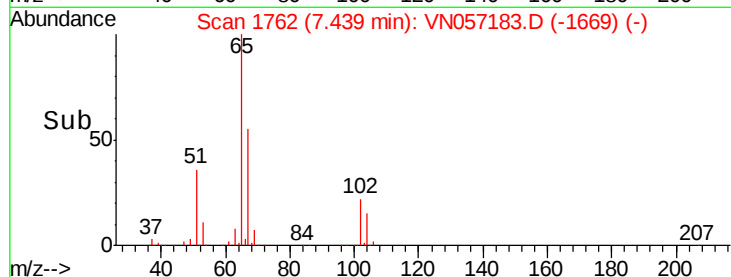
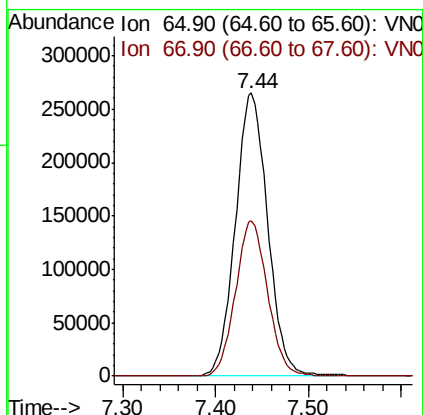
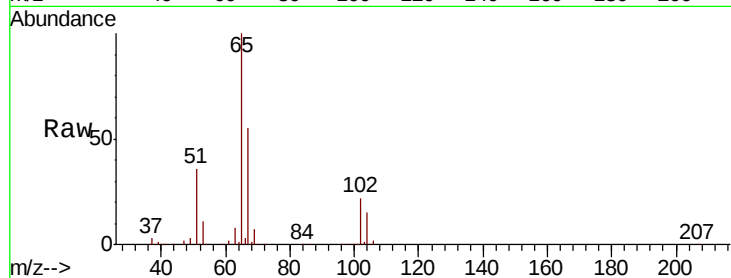




#33
 1,2-Dichloroethane-d4
 Concen: 44.853 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

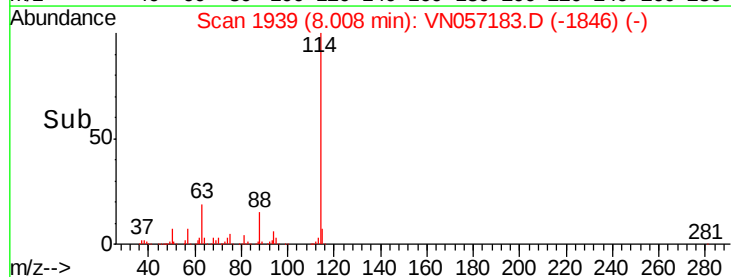
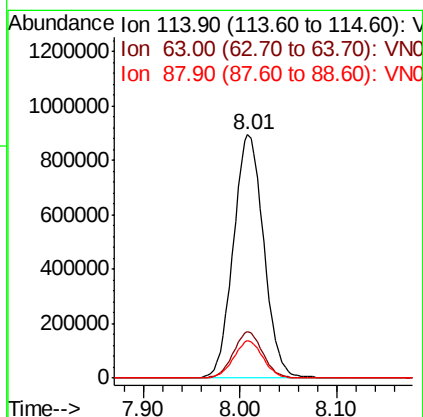
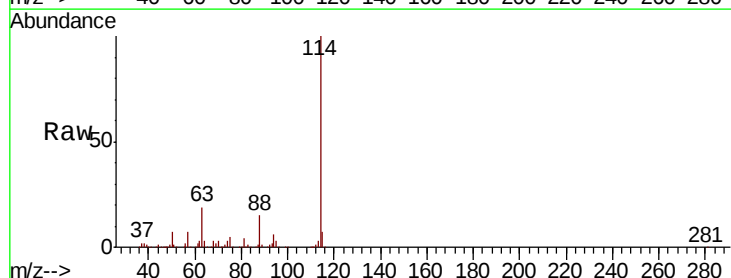
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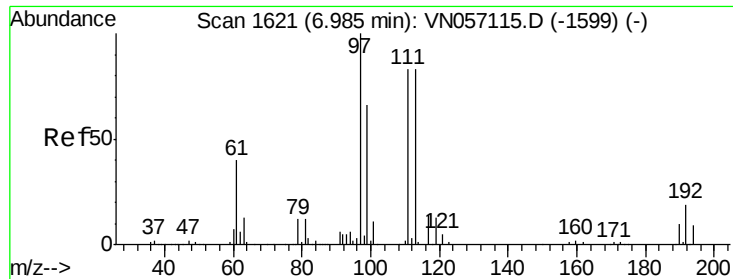
Tgt Ion: 65 Resp: 640506
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

Tgt Ion: 114 Resp: 1953769
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 15.3 0.0 30.0

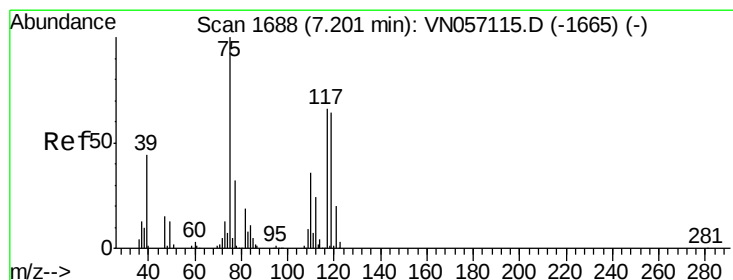
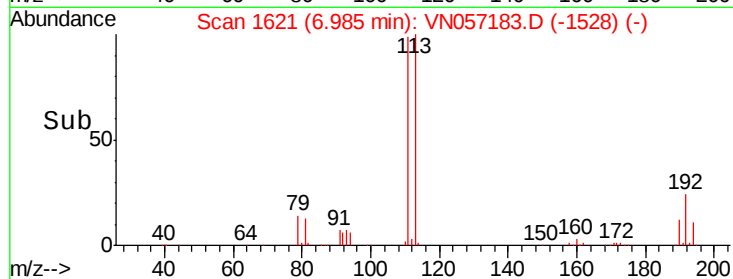
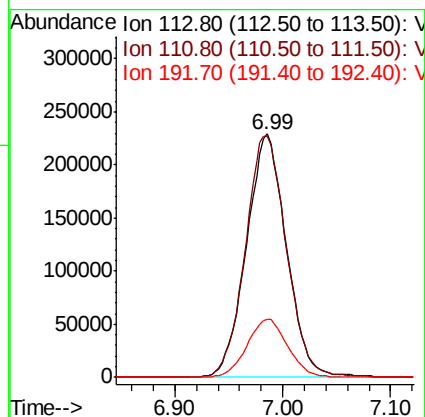
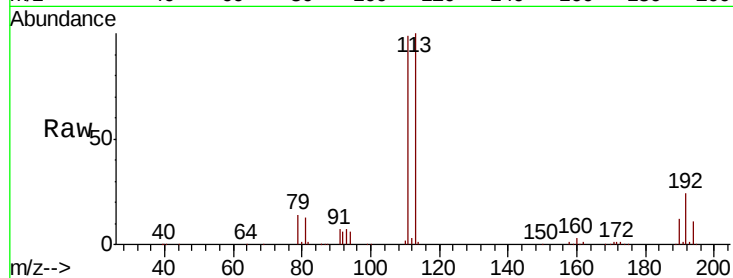




#35
 Dibromofluoromethane
 Concen: 48.010 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

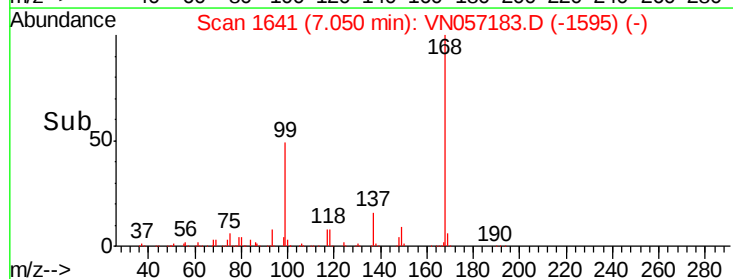
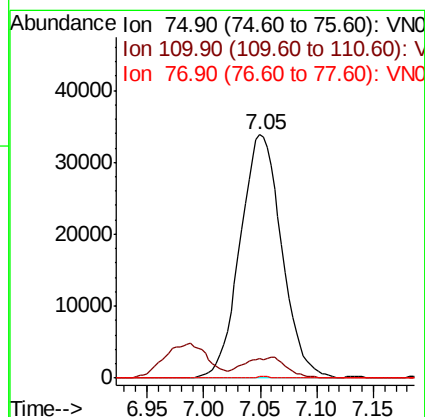
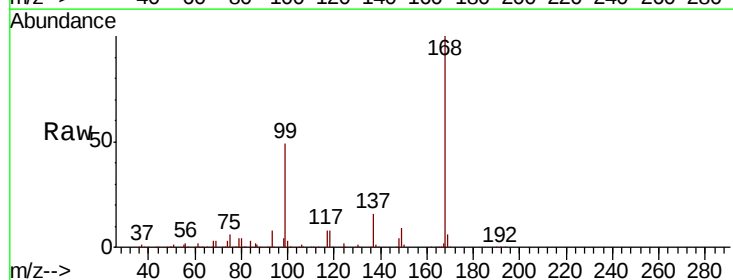
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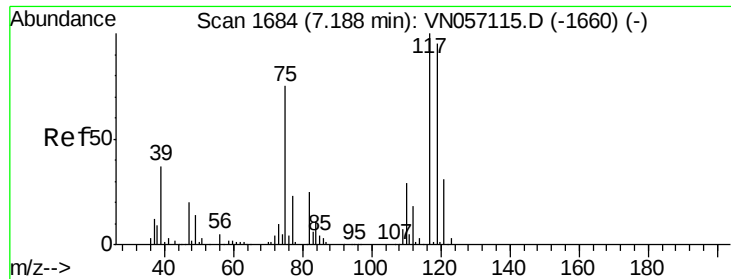
Tgt Ion: 113 Resp: 588611
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 24.3 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 5.366 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

Tgt Ion: 75 Resp: 86323
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.7 56.1#
 77 0.1 25.0 37.4#

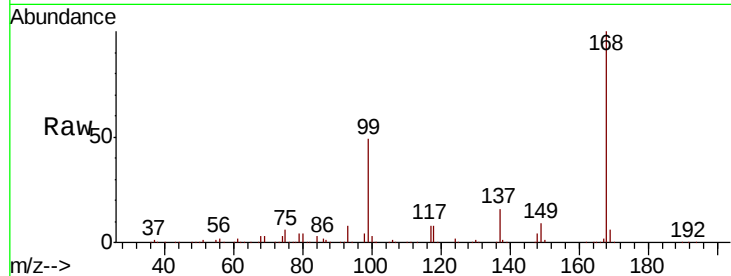




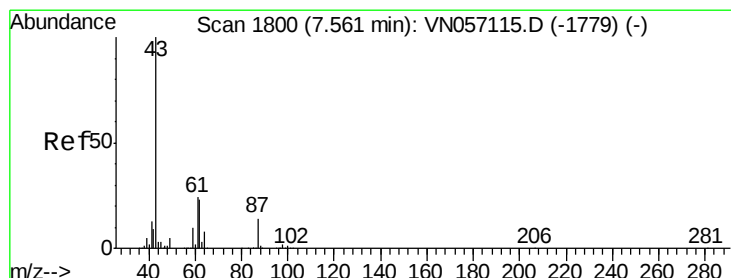
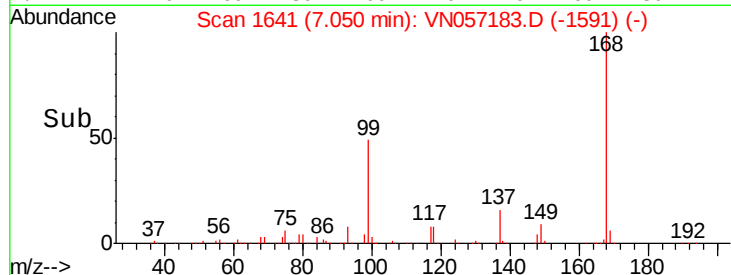
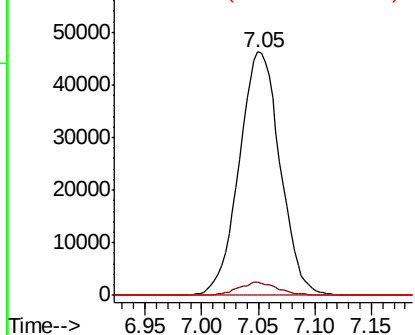
#38
Carbon Tetrachloride
Concen: 6.945 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Instrument :
MSVOA_N
ClientSampleId :
1S-J(0)

Tgt Ion:117 Resp: 116436
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.4 36.6#

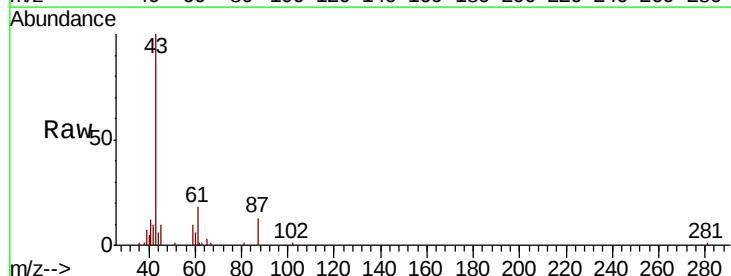


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

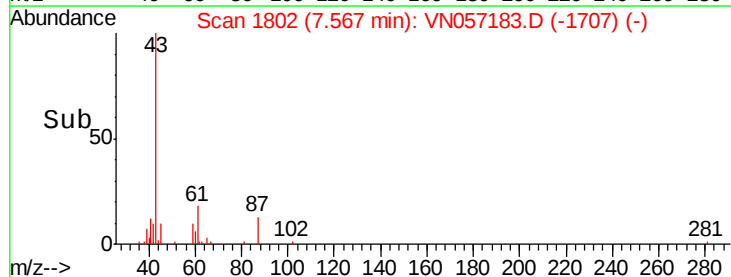
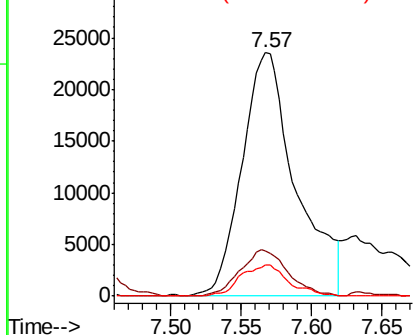


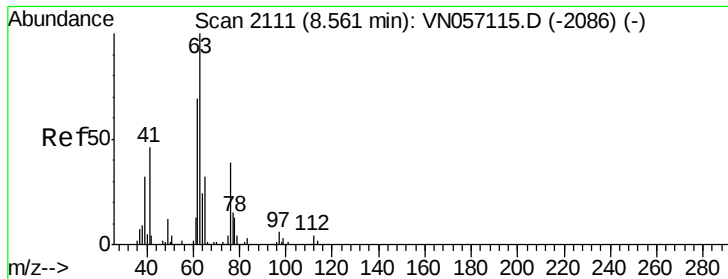
#43
Isopropyl Acetate
Concen: 2.783 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.01 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Tgt Ion: 43 Resp: 62989
Ion Ratio Lower Upper
43 100
61 16.8 24.2 36.2#
87 11.4 11.8 17.8#



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





#45

1,2-Dichloropropane

Concen: 0.302 ug/l

RT: 8.70 min Scan# 2155

Delta R.T. 0.14 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

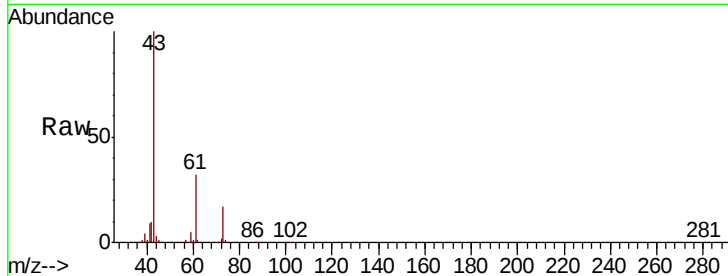
1S-J(0)

Tgt Ion: 63 Resp: 3985

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

8.70

2500

2000

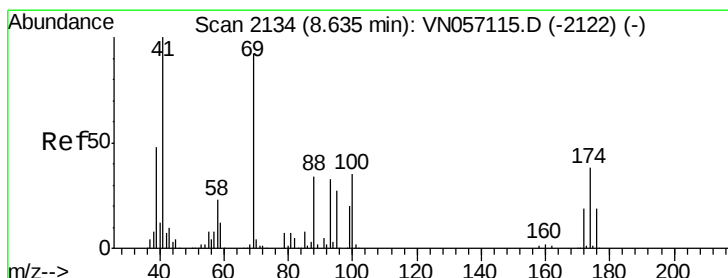
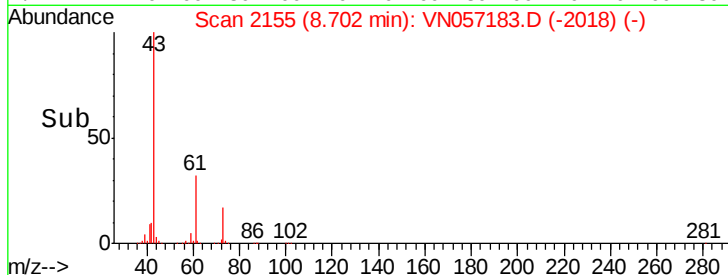
1500

1000

500

0

Time-->



#48

Methyl methacrylate

Concen: 1.691 ug/l

RT: 8.62 min Scan# 2128

Delta R.T. -0.02 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

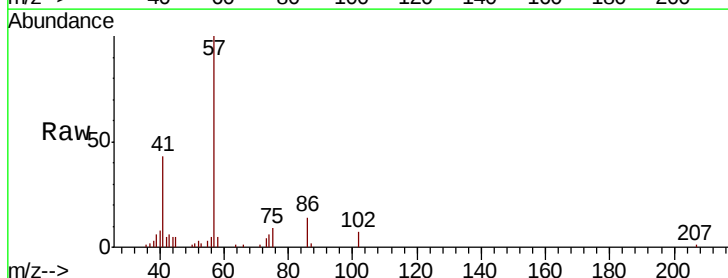
Tgt Ion: 41 Resp: 18042

Ion Ratio Lower Upper

41 100

69 0.2 77.5 116.3#

39 0.0 39.8 59.6#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

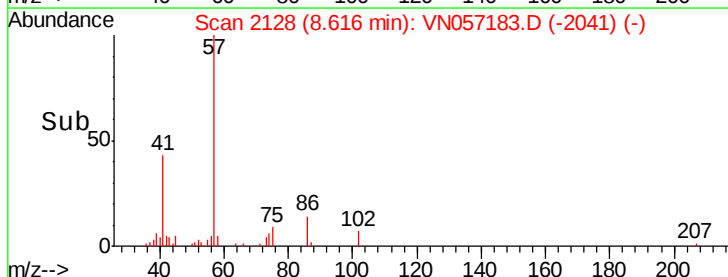
150000

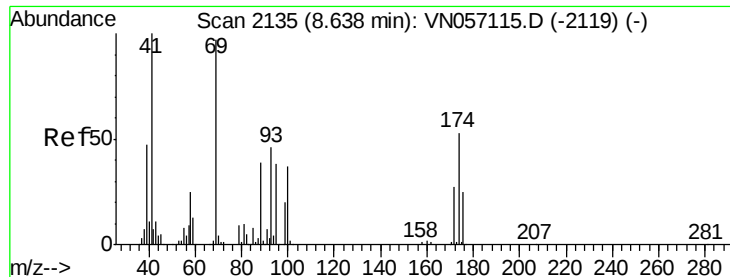
100000

50000

0

Time-->





#49

1,4-Dioxane

Concen: 1.578 ug/l

RT: 8.70 min Scan# 2155

Delta R.T. 0.06 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J(0)

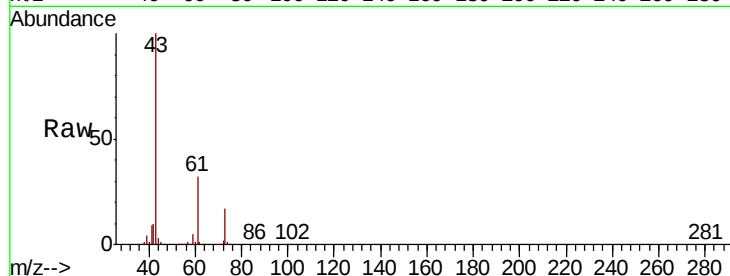
Tgt Ion: 88 Resp: 343

Ion Ratio Lower Upper

88 100

43 883595.6 21.7 32.5#

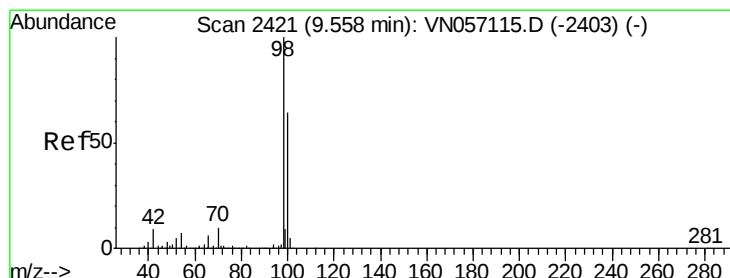
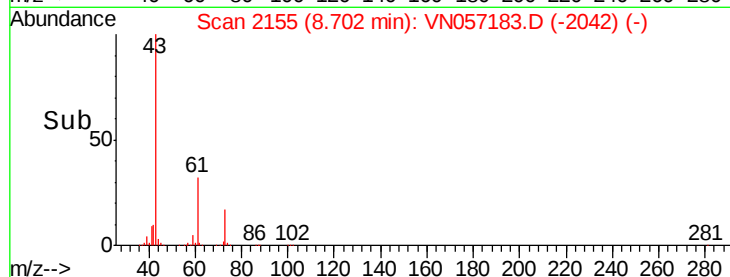
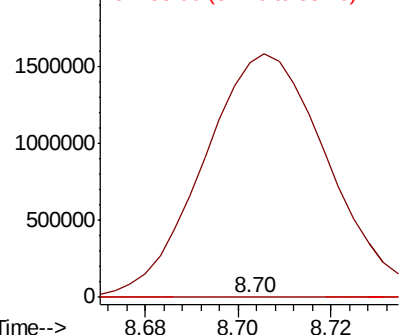
58 3829.2 51.1 76.7#



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: 48.371 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057183.D

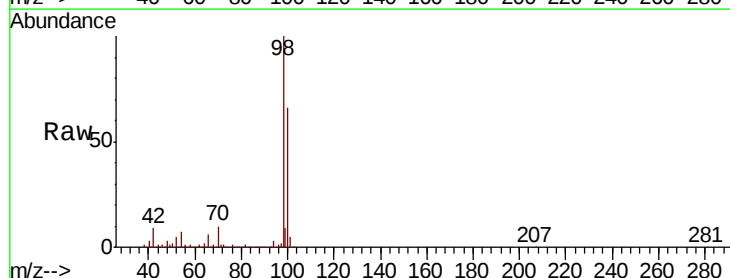
Acq: 11 Aug 2019 13:26

Tgt Ion: 98 Resp: 2268880

Ion Ratio Lower Upper

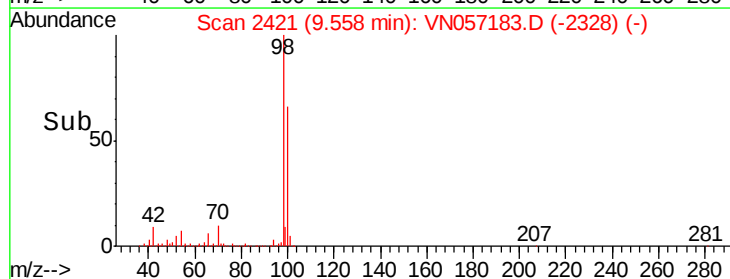
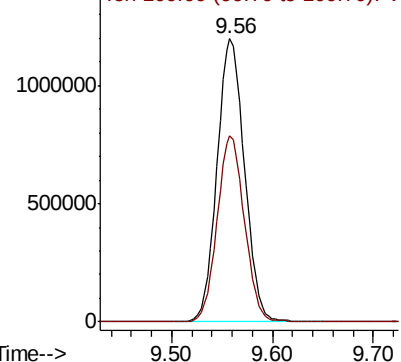
98 100

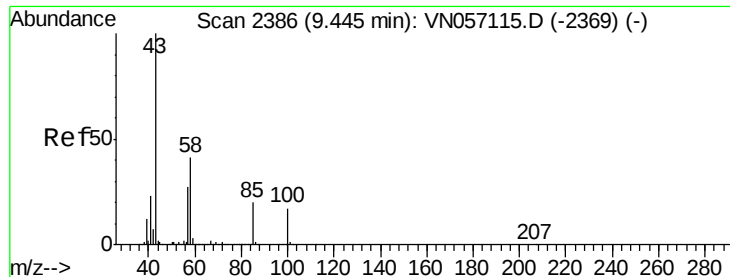
100 65.2 51.2 76.8



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: 0.605 ug/l

RT: 9.45 min Scan# 2388

Delta R.T. 0.01 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

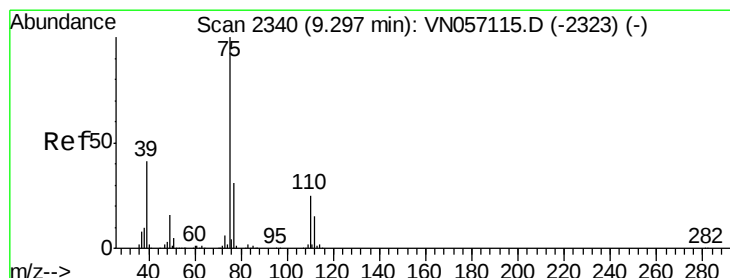
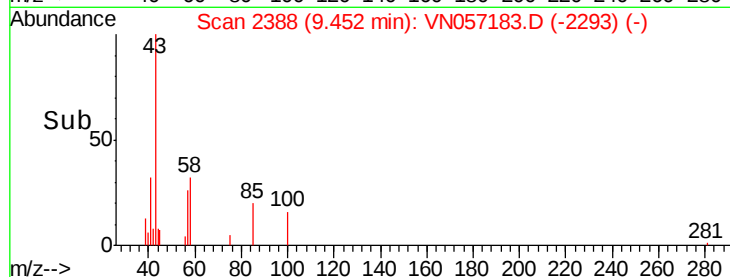
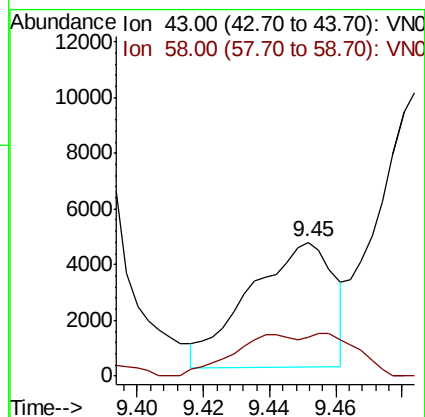
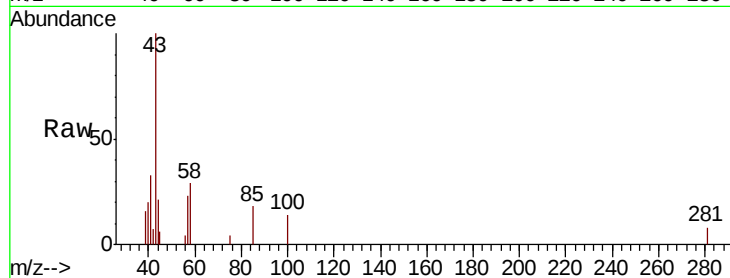
1S-J(0)

Tgt Ion: 43 Resp: 7967

Ion Ratio Lower Upper

43 100

58 25.5 33.2 49.8#



#54

cis-1,3-Dichloropropene

Concen: 6.989 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. 0.06 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

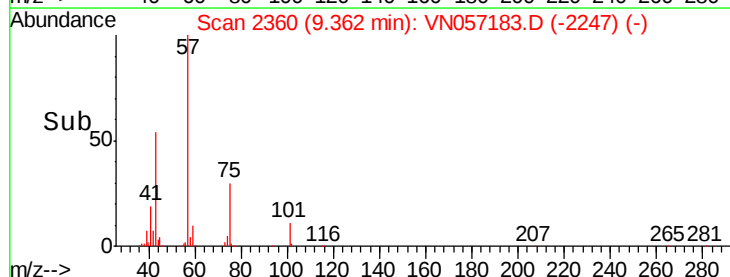
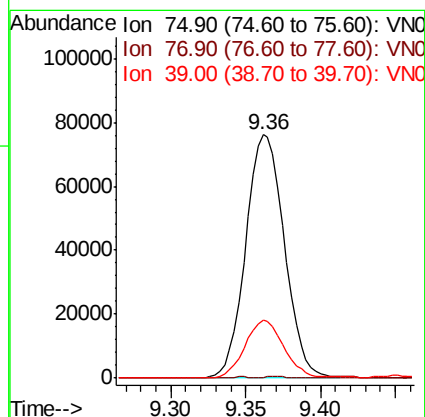
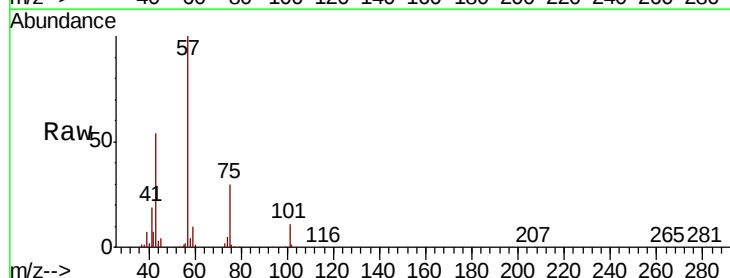
Tgt Ion: 75 Resp: 137062

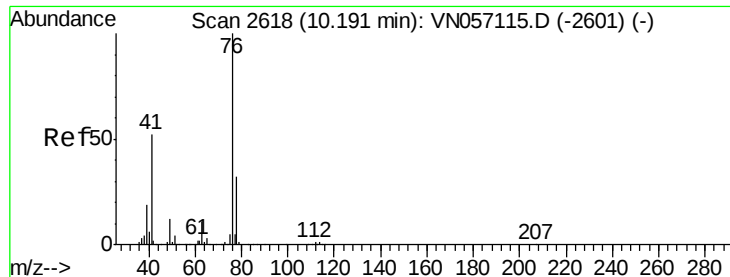
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 23.6 32.5 48.7#





#57

1,3-Dichloropropane

Concen: 1.426 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. 0.06 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

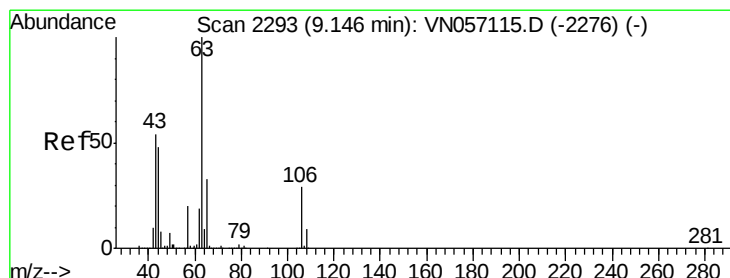
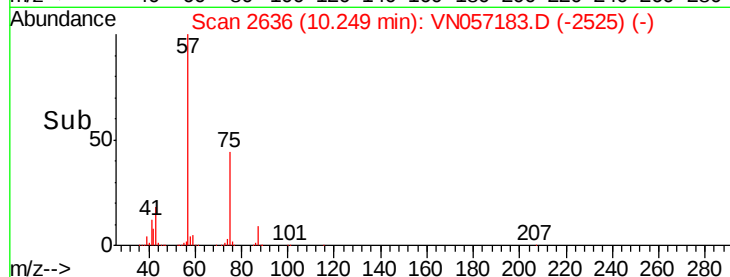
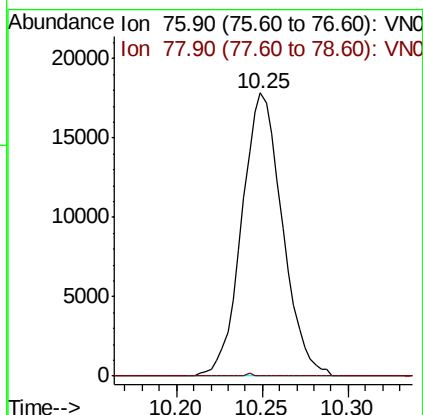
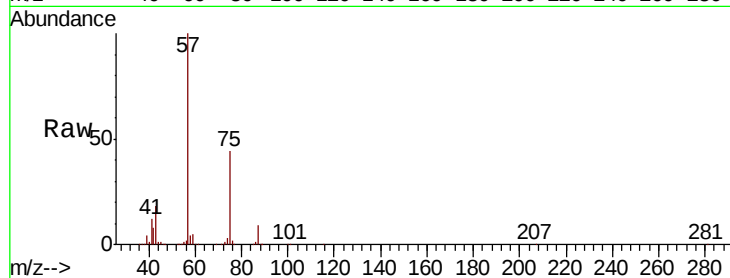
1S-J(0)

Tgt Ion: 76 Resp: 29233

Ion Ratio Lower Upper

76 100

78 0.1 25.9 38.9#



#58

2-Chloroethyl Vinyl ether

Concen: 13.124 ug/l

RT: 8.96 min Scan# 2234

Delta R.T. -0.19 min

Lab File: VN057183.D

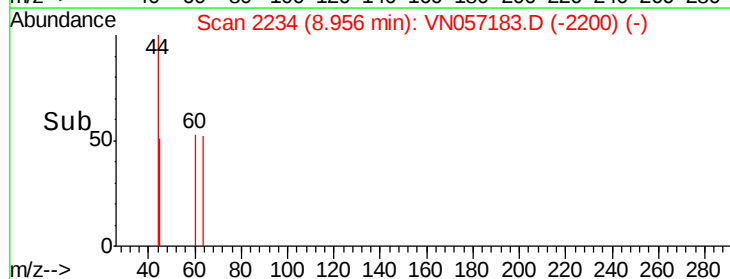
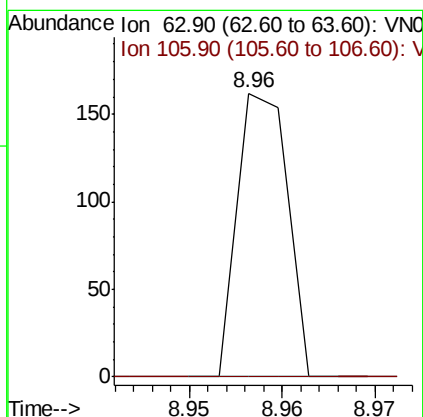
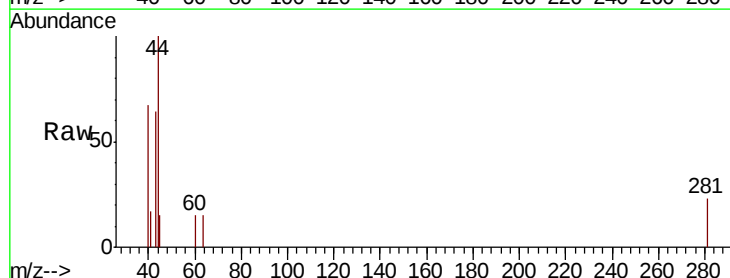
Acq: 11 Aug 2019 13:26

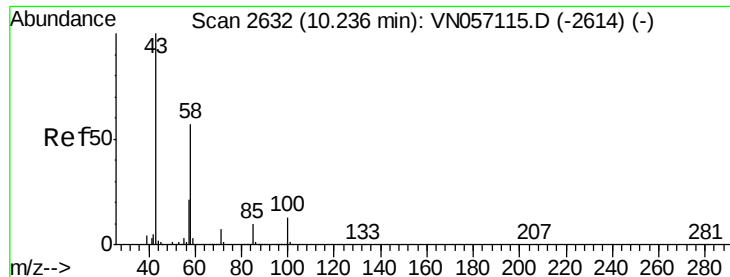
Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#

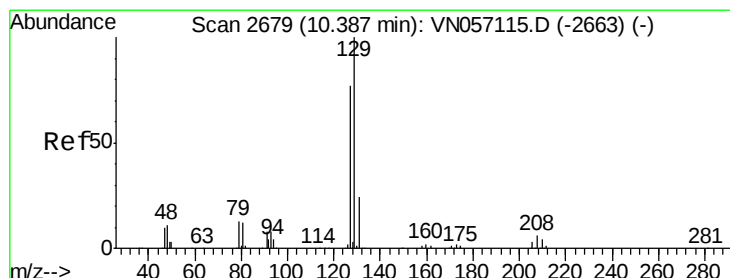
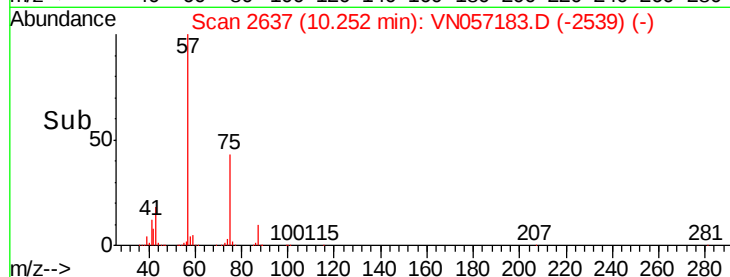
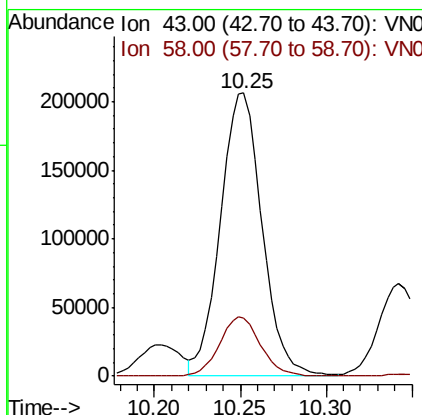
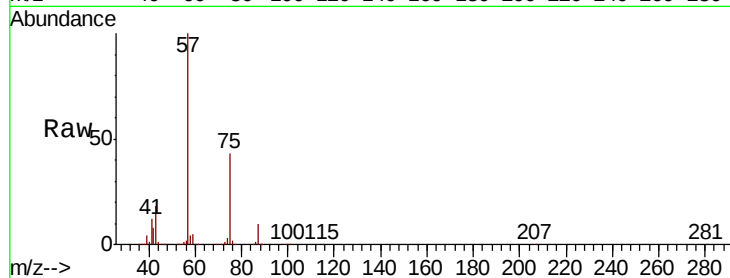




#59
2-Hexanone
Concen: 38.743 ug/l
RT: 10.25 min Scan# 2637
Delta R.T. 0.02 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

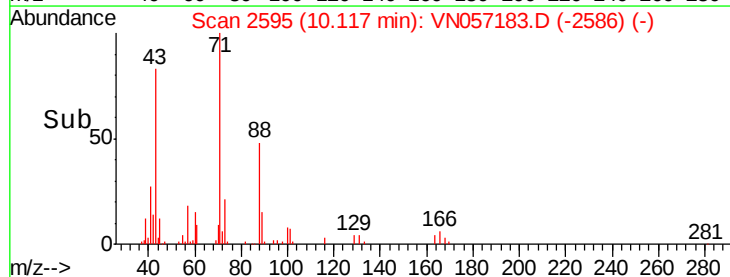
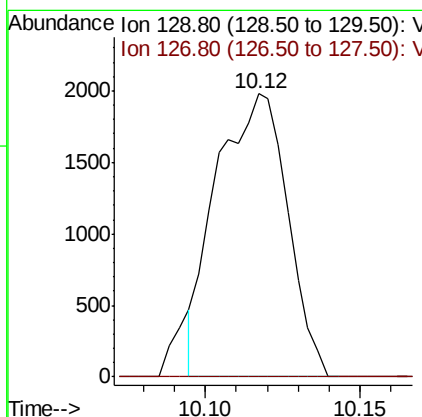
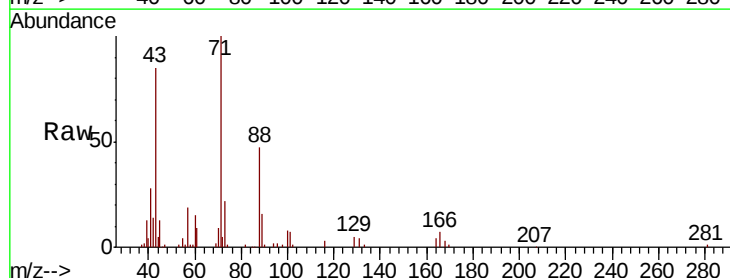
Instrument :
MSVOA_N
ClientSampleId :
1S-J(0)

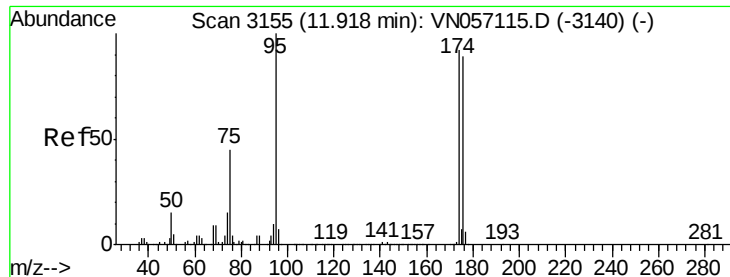
Tgt Ion: 43 Resp: 345342
Ion Ratio Lower Upper
43 100
58 20.8 29.2 87.6#



#60
Dibromochloromethane
Concen: 0.243 ug/l
RT: 10.12 min Scan# 2595
Delta R.T. -0.27 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Tgt Ion: 129 Resp: 3170
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#62

4-Bromofluorobenzene

Concen: 40.371 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J-(0)

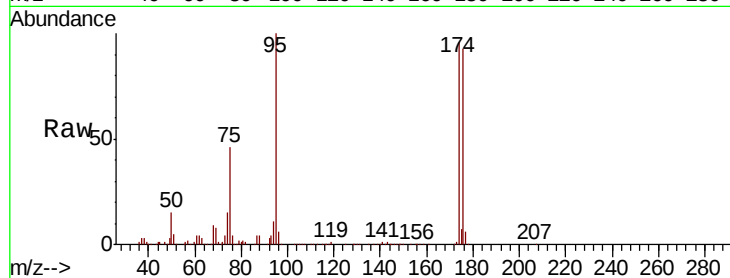
Tgt Ion: 95 Resp: 610145

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.0

176 92.9 0.0 181.2



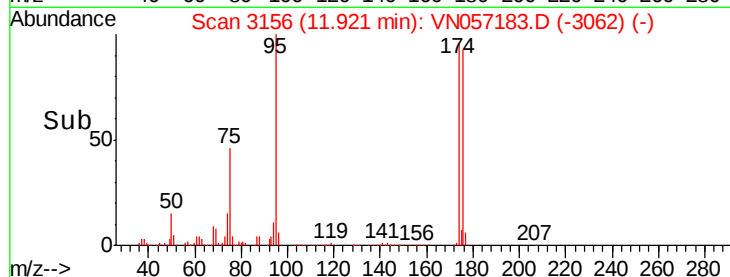
Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

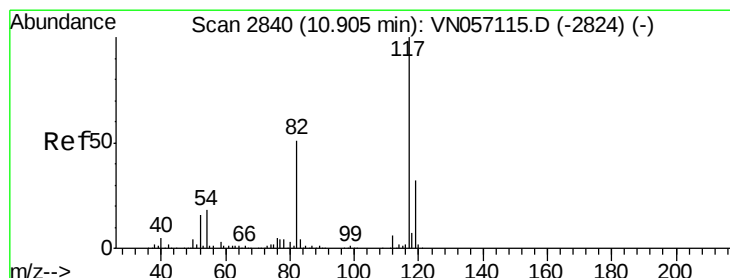
Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)

11.92

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

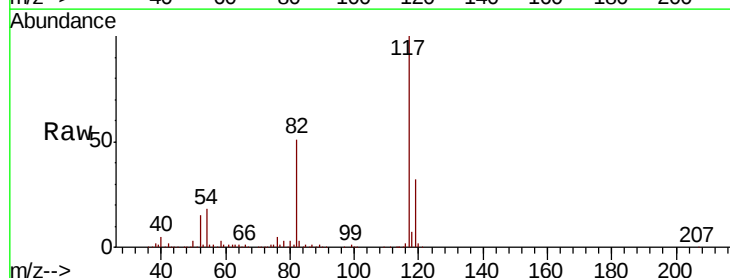
Tgt Ion: 117 Resp: 1642938

Ion Ratio Lower Upper

117 100

82 51.4 40.8 61.2

119 32.5 25.7 38.5



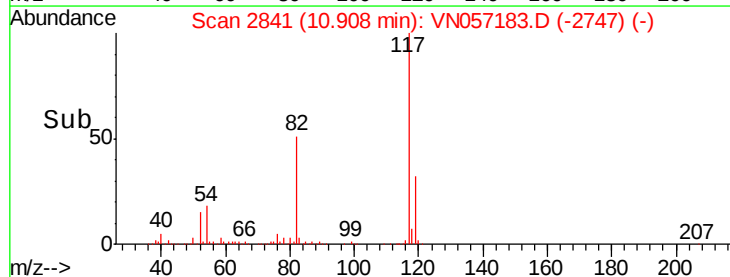
Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

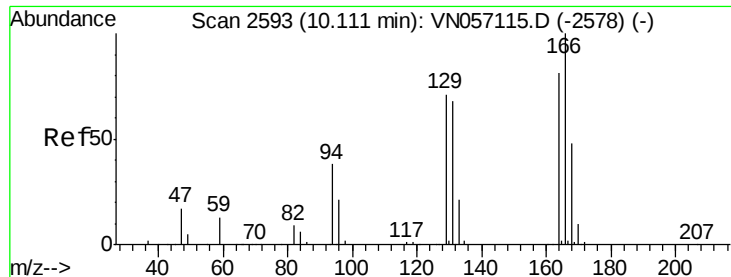
Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

10.91

Time-->



Time-->



#64

Tetrachloroethene

Concen: 0.234 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J(0)

Tgt Ion:164 Resp: 3192

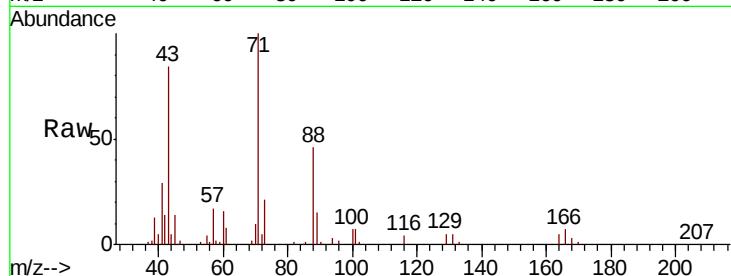
Ion Ratio Lower Upper

164 100

166 131.1 98.3 147.5

129 92.3 69.8 104.6

131 91.5 66.8 100.2



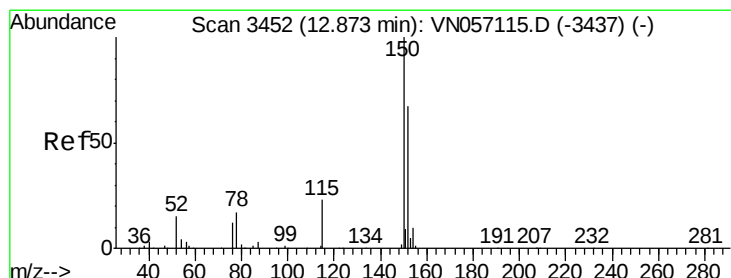
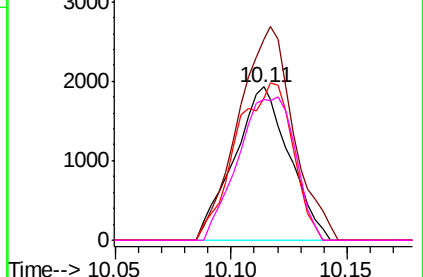
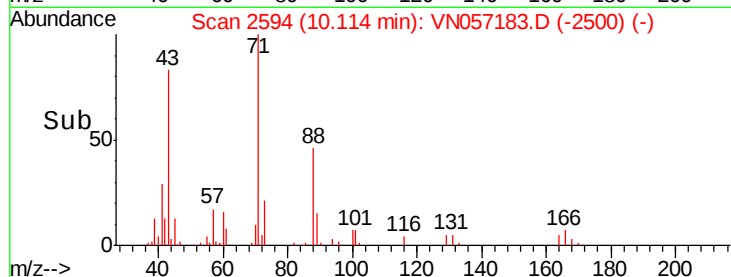
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time--> 10.05 10.10 10.15



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

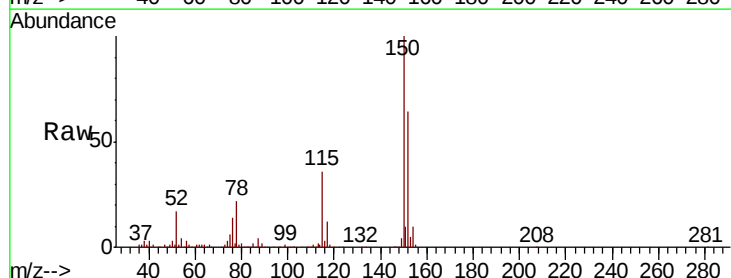
Tgt Ion:152 Resp: 429834

Ion Ratio Lower Upper

152 100

115 56.4 27.5 82.5

150 158.6 0.0 341.6

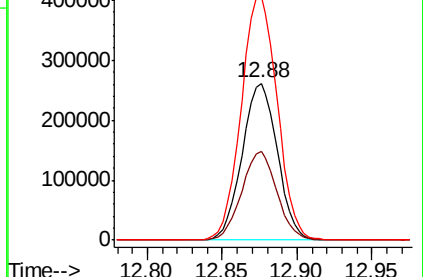
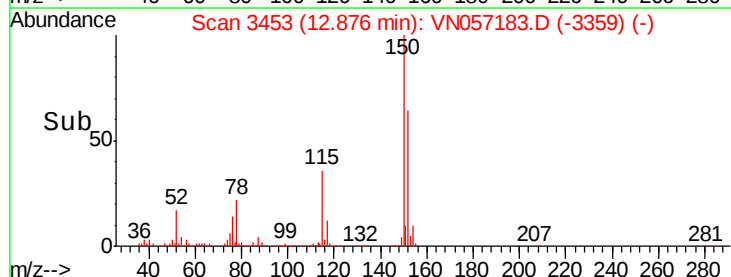


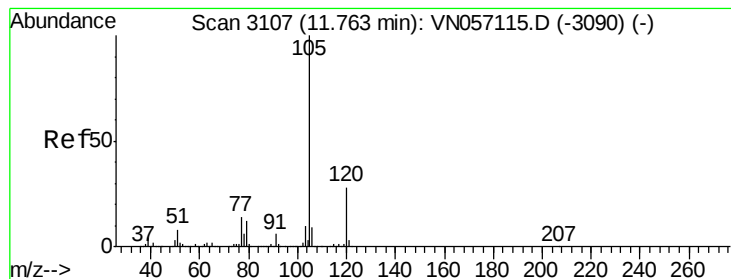
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time--> 12.80 12.85 12.90 12.95





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.76 min Scan# 3106

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

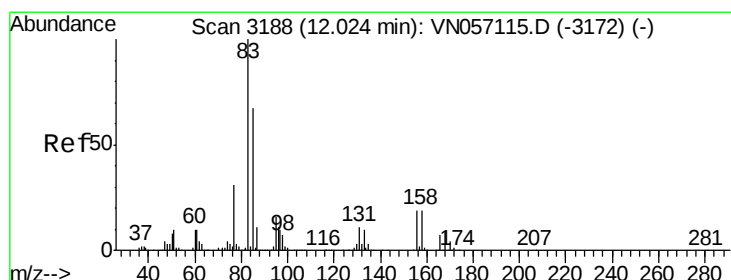
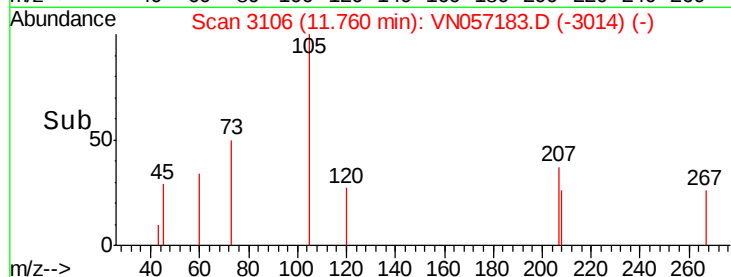
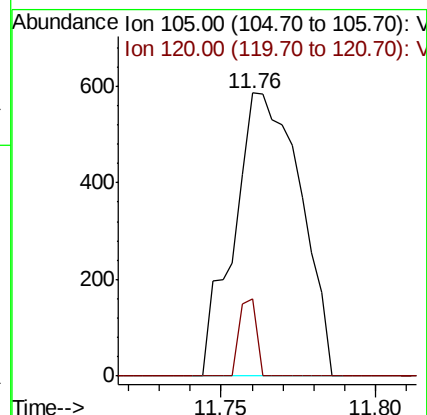
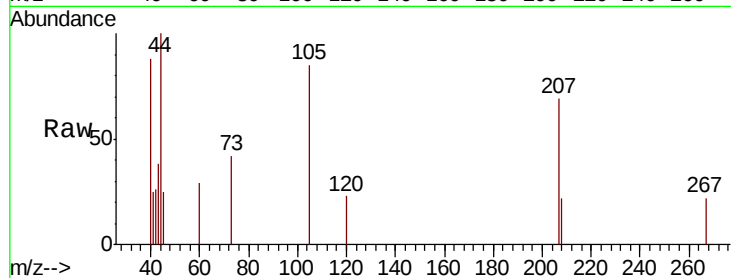
1S-J(0)

Tgt Ion: 105 Resp: 877

Ion Ratio Lower Upper

105 100

120 6.8 13.7 41.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.93 min Scan# 3158

Delta R.T. -0.10 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

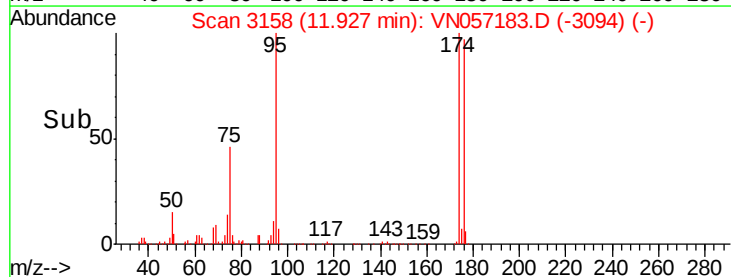
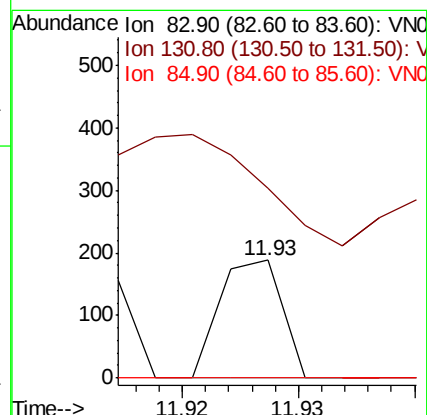
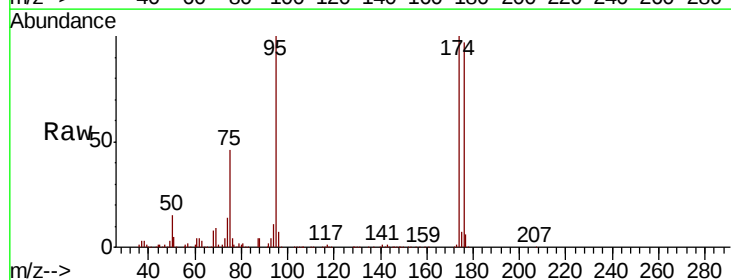
Tgt Ion: 83 Resp: 70

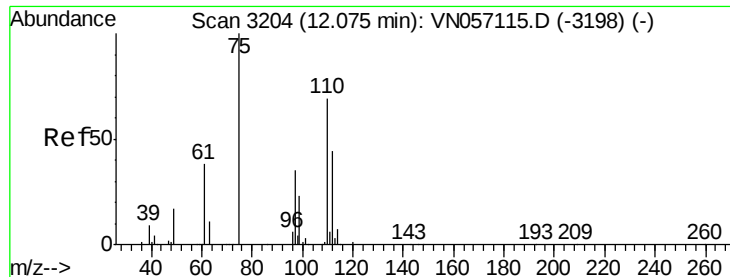
Ion Ratio Lower Upper

83 100

131 878.6 5.5 16.4#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 32.870 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

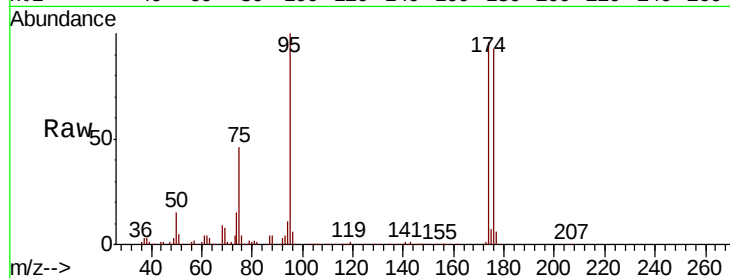
1S-J(0)

Tgt Ion: 75 Resp: 284282

Ion Ratio Lower Upper

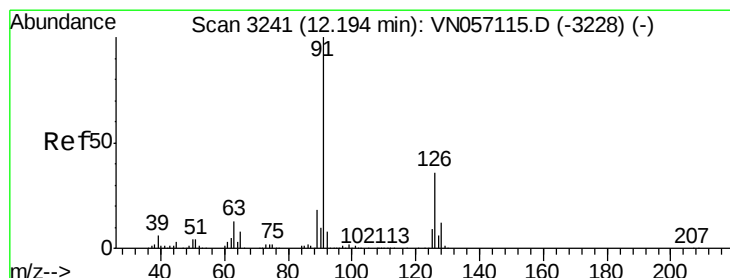
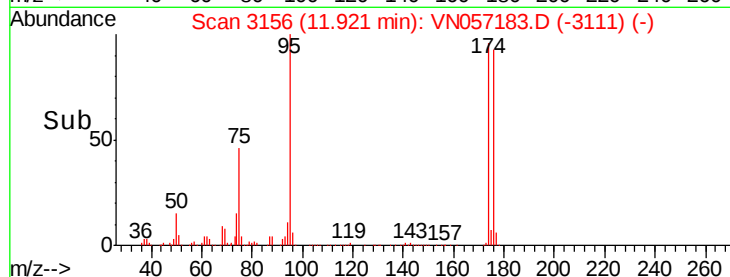
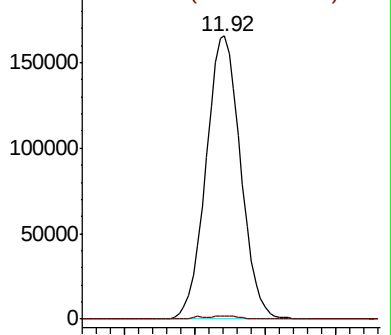
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.20 min Scan# 3243

Delta R.T. 0.01 min

Lab File: VN057183.D

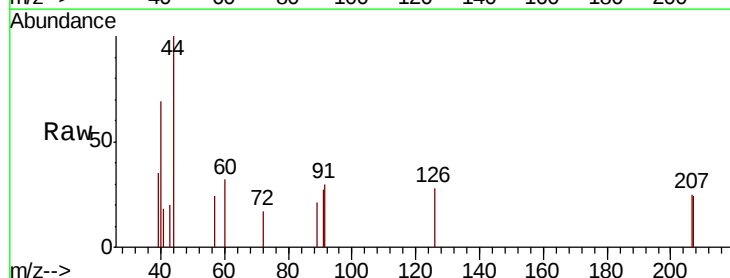
Acq: 11 Aug 2019 13:26

Tgt Ion: 91 Resp: 639

Ion Ratio Lower Upper

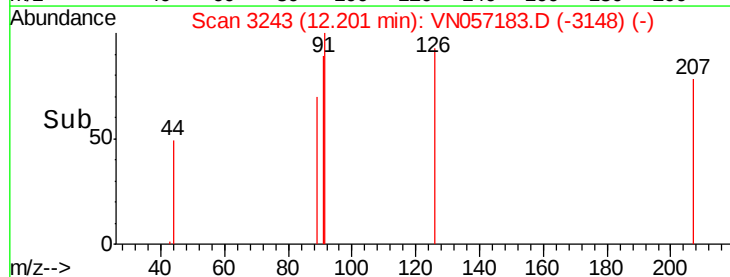
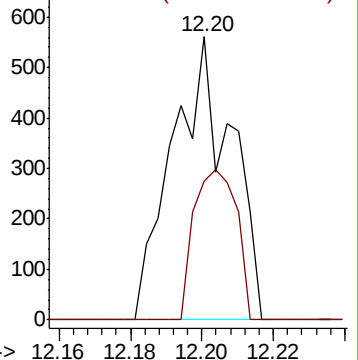
91 100

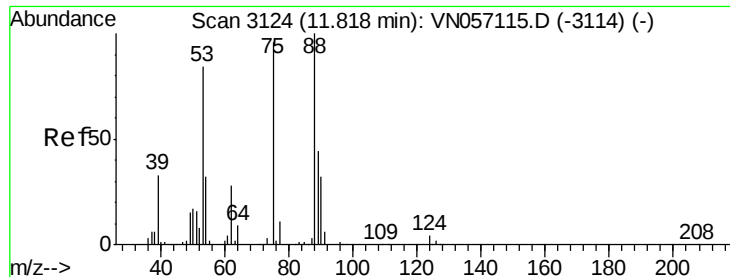
126 38.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 97.245 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J(0)

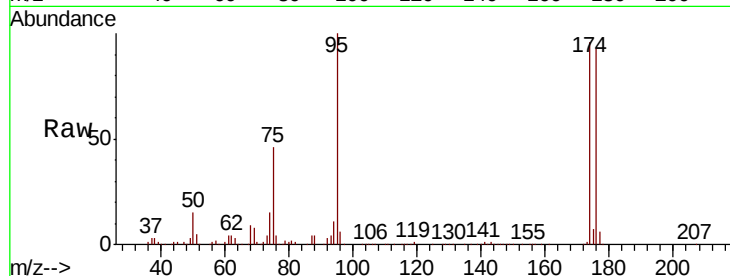
Tgt Ion: 75 Resp: 284282

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

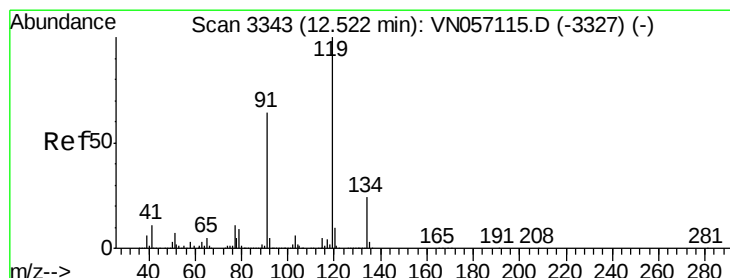
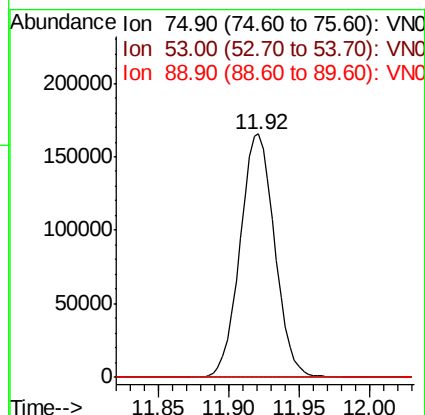
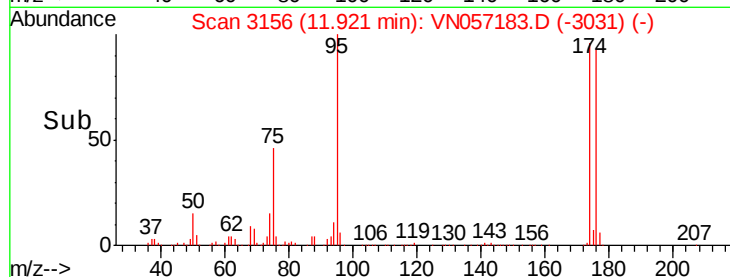
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.51 min Scan# 3340

Delta R.T. -0.01 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

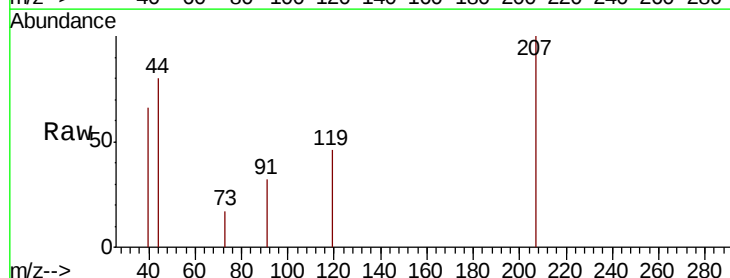
Tgt Ion: 119 Resp: 703

Ion Ratio Lower Upper

119 100

91 79.2 31.4 94.2

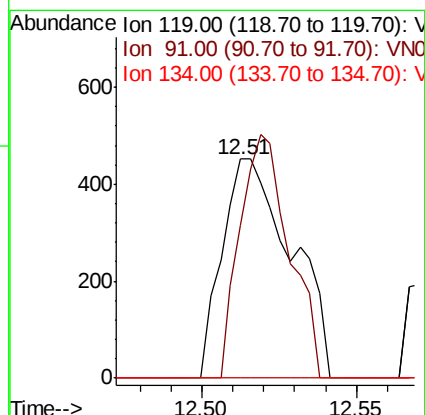
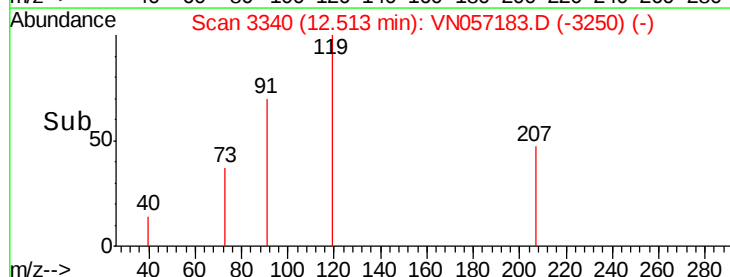
134 0.0 13.2 39.6#

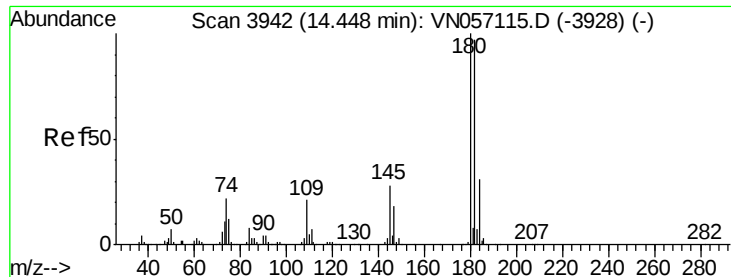


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

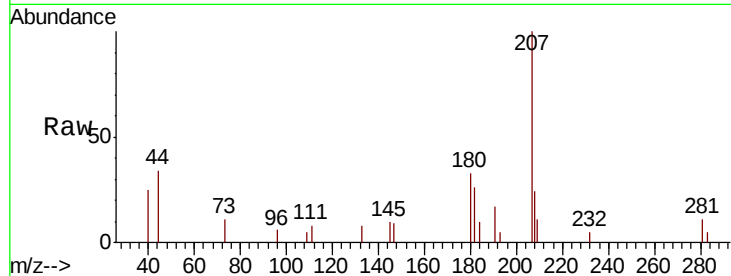




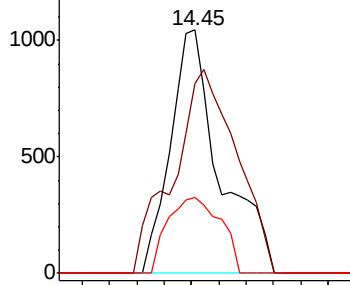
#93
 1,2,4-Trichlorobenzene
 Concen: 6.118 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

Instrument :
 MSVOA_N
 ClientSampled :
 1S-J(0)

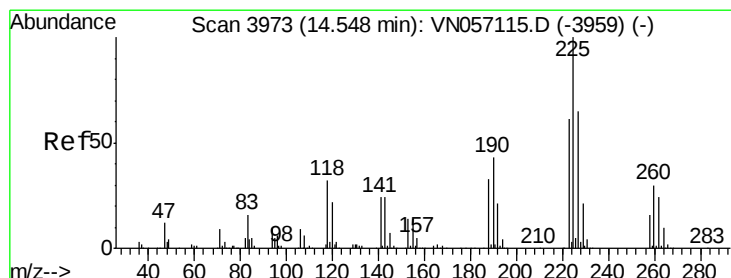
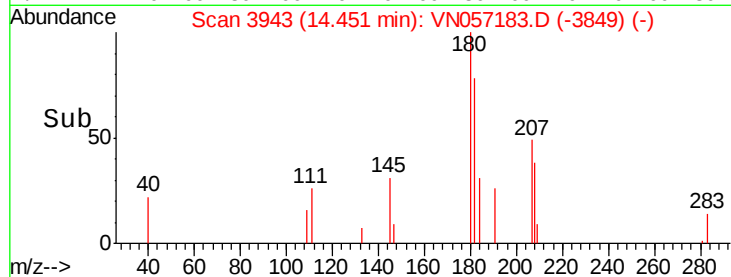
Tgt Ion:180 Resp: 1330
 Ion Ratio Lower Upper
 180 100
 182 106.2 47.5 142.6
 145 32.9 14.1 42.2



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

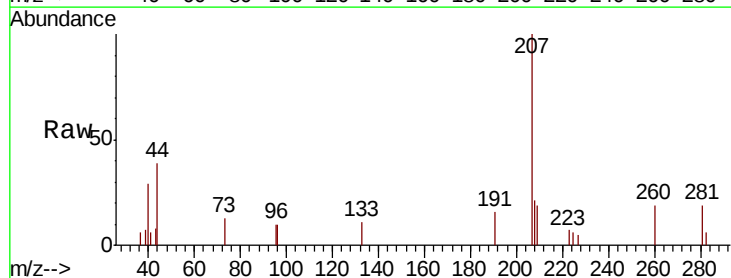


Time-->

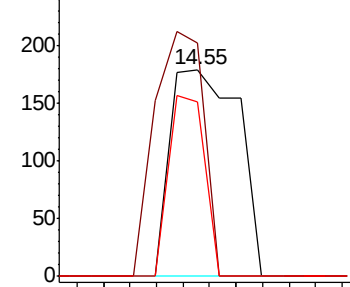


#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VN057183.D
 Acq: 11 Aug 2019 13:26

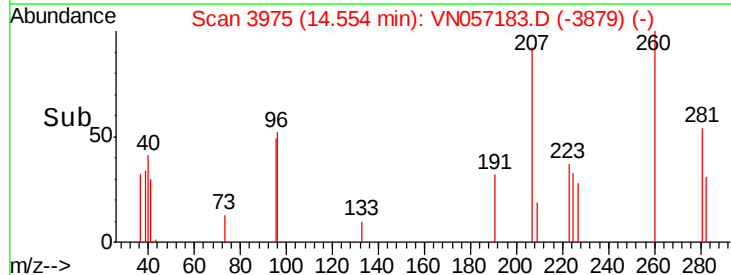
Tgt Ion:225 Resp: 128
 Ion Ratio Lower Upper
 225 100
 223 85.2 30.9 92.8
 227 46.1 32.4 97.0

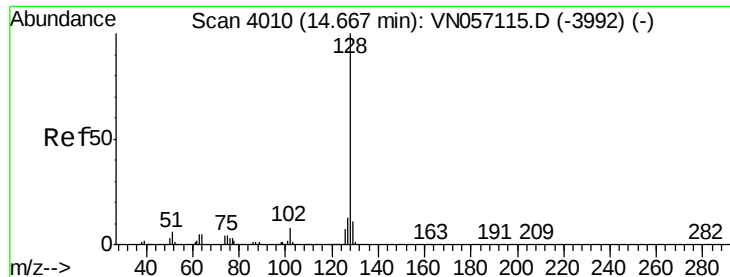


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 2.978 ug/l

RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J(0)

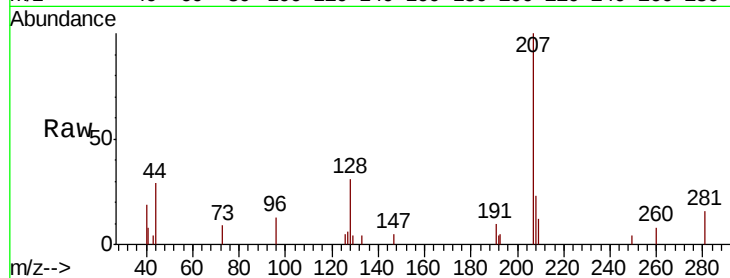
Tgt Ion:128 Resp: 1943

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

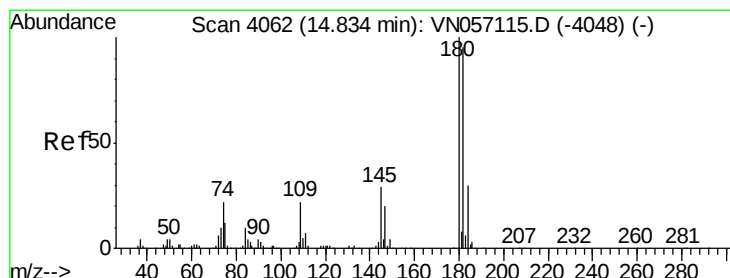
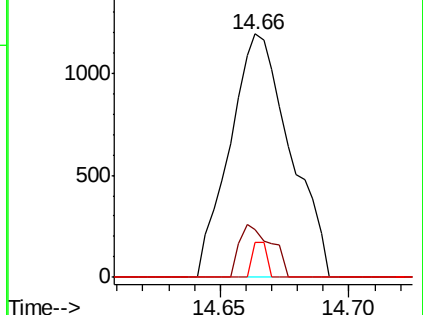
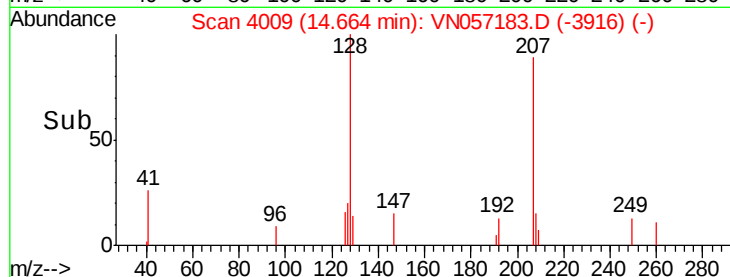
129 3.4 8.8 13.2#



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: 5.945 ug/l

RT: 14.83 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

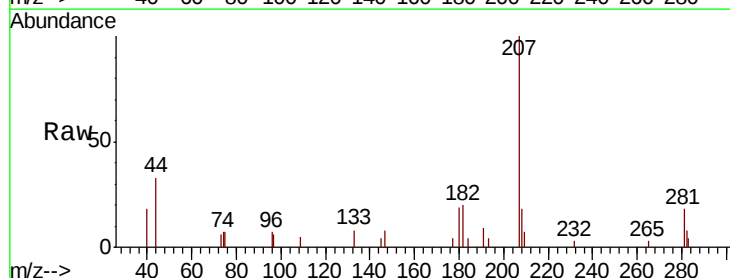
Tgt Ion:180 Resp: 1631

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

145 25.3 14.9 44.5



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

