

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057192.D
 Acq On : 11 Aug 2019 17:05
 Operator : JC/SP
 Sample : K4227-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-O-(1)

Quant Time: Aug 12 05:56:52 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	1341624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1878068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1592814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	413469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	620725	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	
35) Dibromofluoromethane	6.99	113	565084	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	9.56	98	2192551	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.92	95	595231	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	

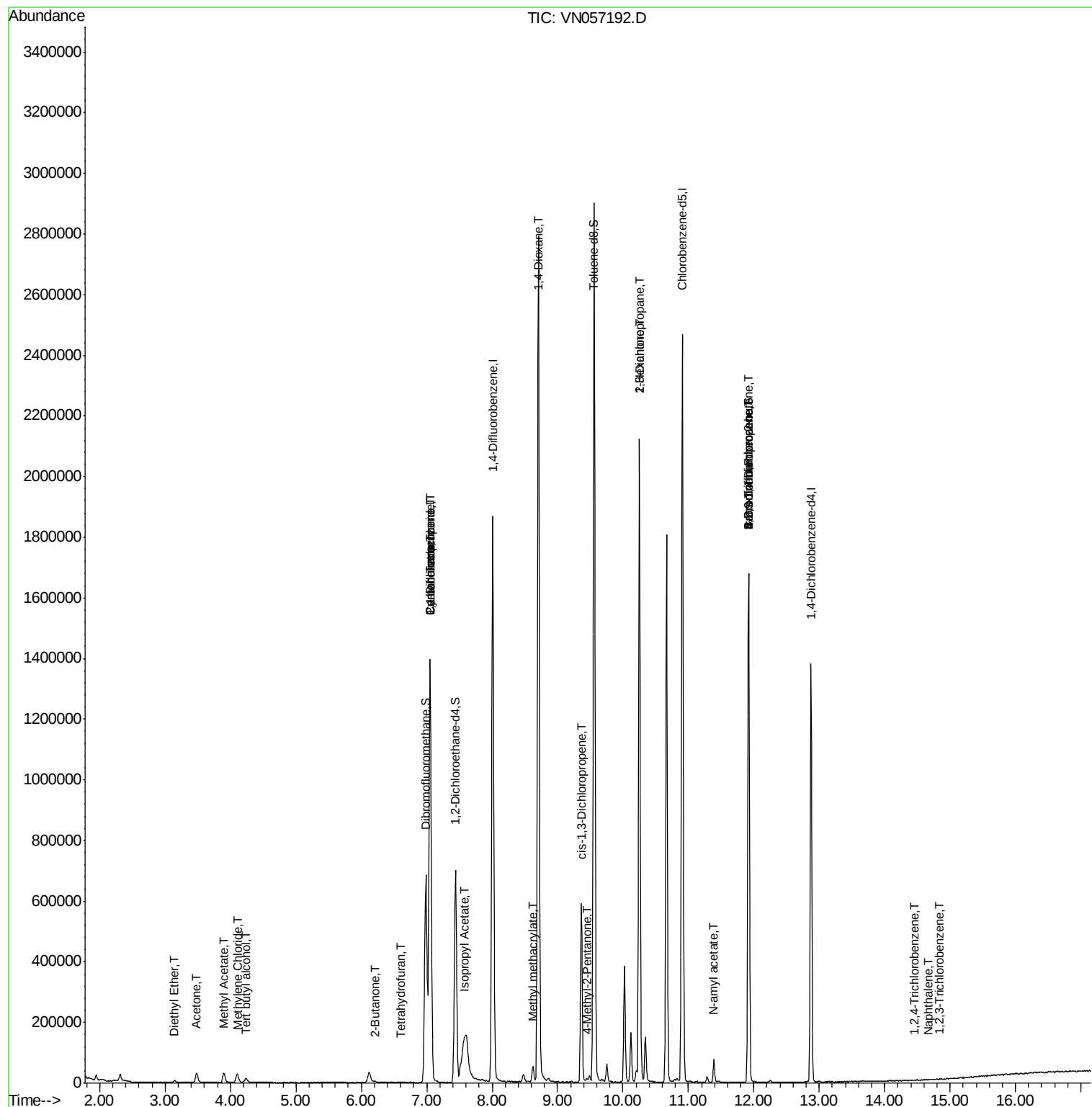
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.14	74	1918	0.259	ug/l #	1
11) Tert butyl alcohol	4.23	59	11735	5.977	ug/l #	74
16) Acetone	3.48	43	48004	11.520	ug/l	99
18) Methyl Acetate	3.90	43	55990	3.904	ug/l	98
20) Methylene Chloride	4.10	84	21791	1.585	ug/l	92
25) 2-Butanone	6.22	43	2502	0.393	ug/l	91
29) Tetrahydrofuran	6.62	42	1412	0.329	ug/l #	47
31) Cyclohexane	7.05	56	19400	0.969	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	80873	5.230	ug/l #	48
38) Carbon Tetrachloride	7.05	117	111927	6.945	ug/l #	16
43) Isopropyl Acetate	7.57	43	179189	8.237	ug/l #	63
48) Methyl methacrylate	8.62	41	18283	1.782	ug/l #	10
49) 1,4-Dioxane	8.71	88	291	1.393	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	7062	0.558	ug/l	99
54) cis-1,3-Dichloropropene	9.36	75	119306	6.329	ug/l #	62
57) 1,3-Dichloropropane	10.25	76	23054	1.170	ug/l #	43
59) 2-Hexanone	10.25	43	301549	35.194	ug/l #	49
71) Bromoform	11.92	173	4121	0.470	ug/l #	1
73) Isopropylbenzene	11.77	105	509	Below Cal	#	48
74) N-amyl acetate	11.39	43	22363	2.134	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.92	83	338	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	272929	32.800	ug/l #	100
79) 2-Chlorotoluene	12.19	91	323	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	272929	97.057	ug/l #	14
83) tert-Butylbenzene	12.53	119	63	Below Cal	#	28
90) Hexachloroethane	13.17	117	63	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	190	5.958	ug/l #	33
95) Naphthalene	14.66	128	486	2.848	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.83	180	207	5.751	ug/l #	81

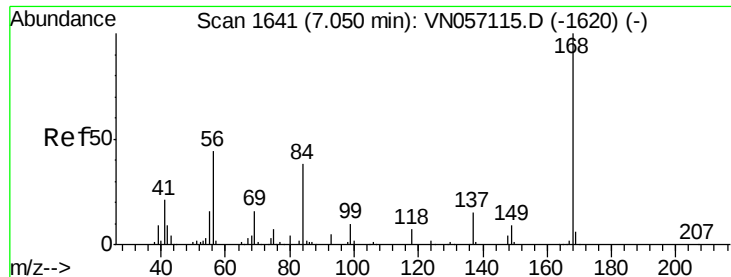
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

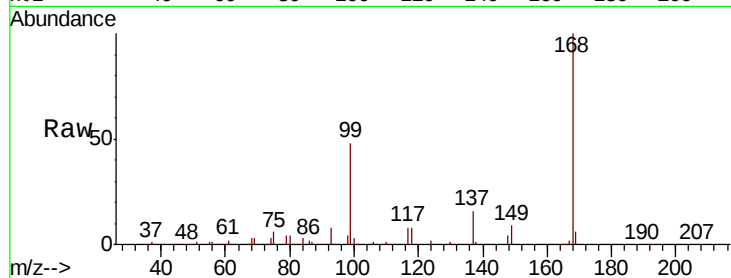
1S-O-(1)

Tgt Ion:168 Resp: 1341624

Ion Ratio Lower Upper

168 100

99 48.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

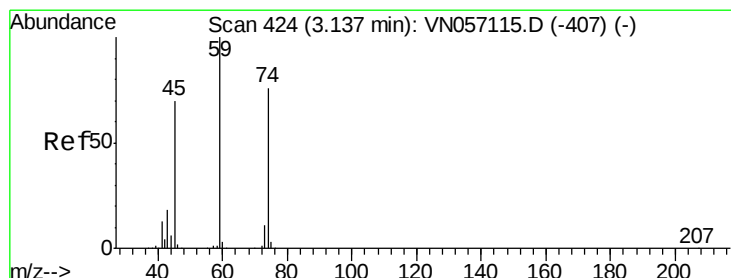
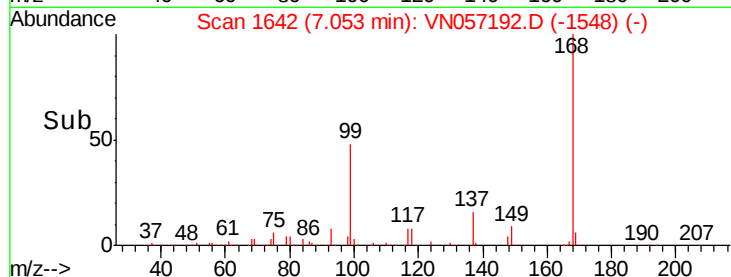
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 0.259 ug/l

RT: 3.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: VN057192.D

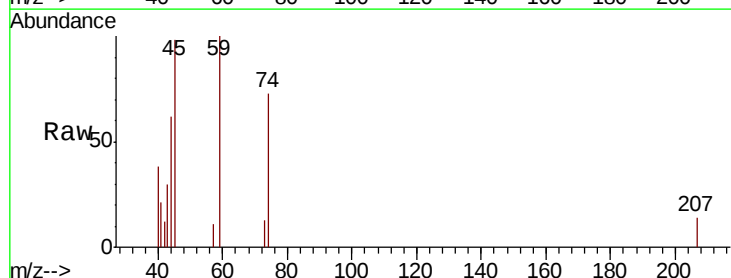
Acq: 11 Aug 2019 17:05

Tgt Ion: 74 Resp: 1918

Ion Ratio Lower Upper

74 100

45 209.8 46.3 138.8#



Abundance Ion 74.00 (73.70 to 74.70): VN057115.D (-407) (-)

Ion 45.00 (44.70 to 45.70): VN057115.D (-407) (-)

3.14

2000

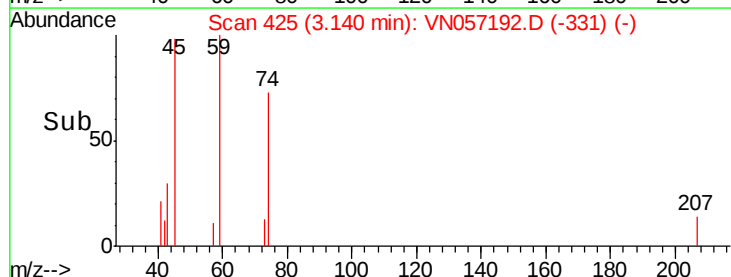
1500

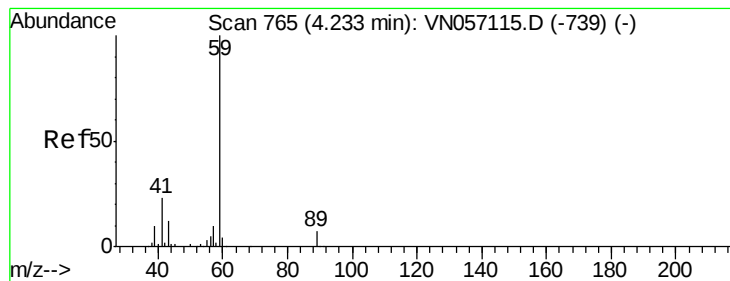
1000

500

0

Time--> 3.08 3.10 3.12 3.14 3.16



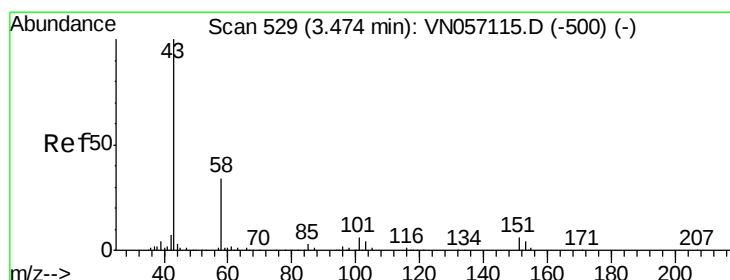
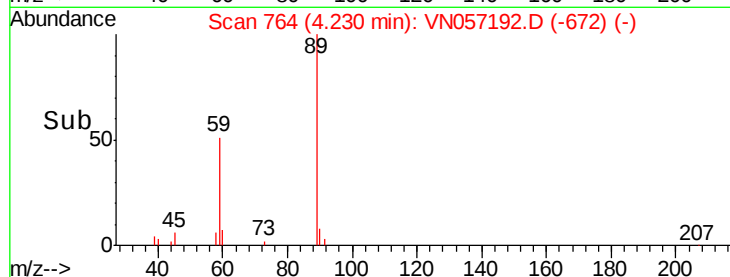
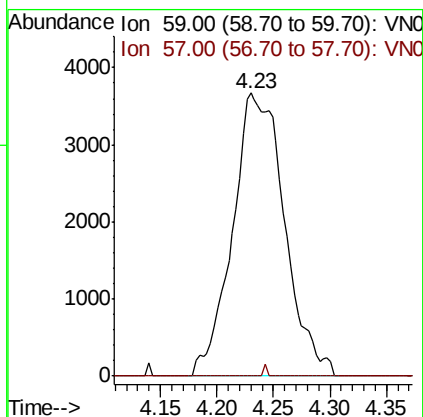
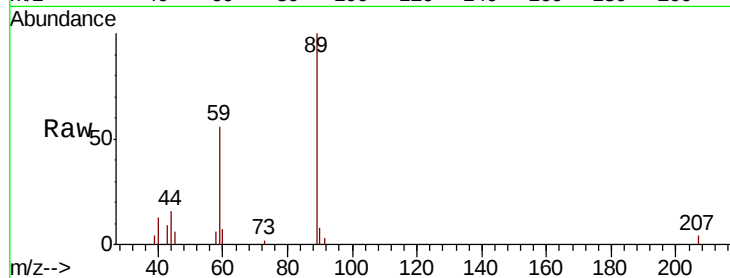


#11

Tert butyl alcohol
 Concen: 5.977 ug/l
 RT: 4.23 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Instrument :
 MSVOA_N
 ClientSampled :
 1S-O-(1)

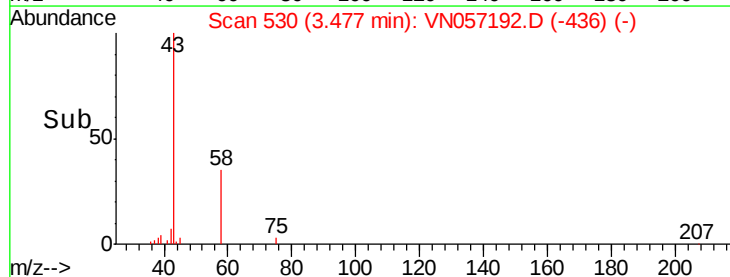
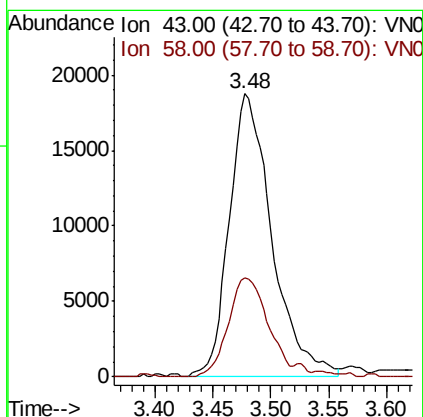
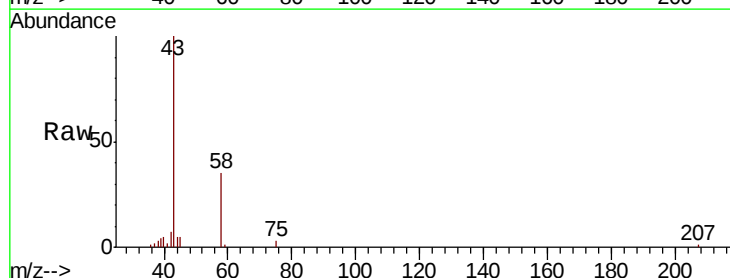
Tgt Ion: 59 Resp: 11735
 Ion Ratio Lower Upper
 59 100
 57 0.2 7.9 11.9#

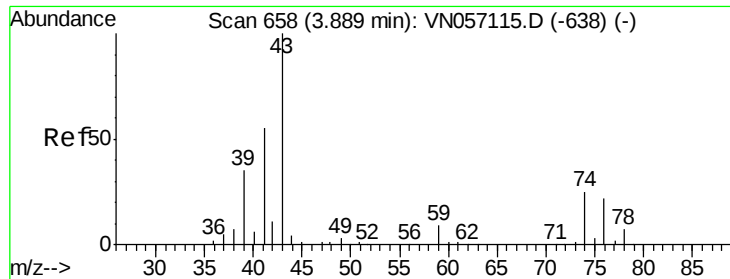


#16

Acetone
 Concen: 11.520 ug/l
 RT: 3.48 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion: 43 Resp: 48004
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.4 41.2

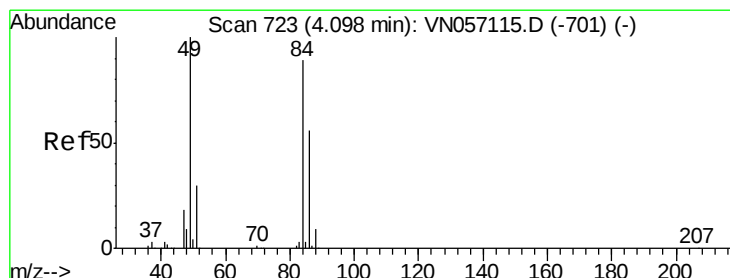
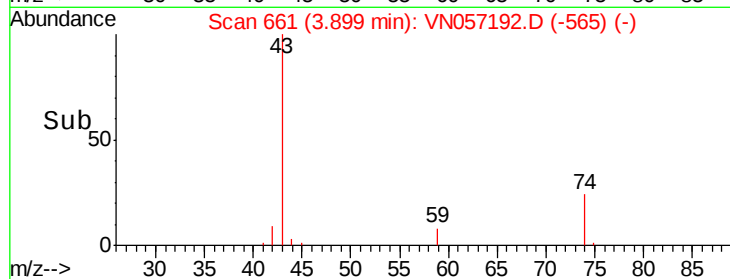
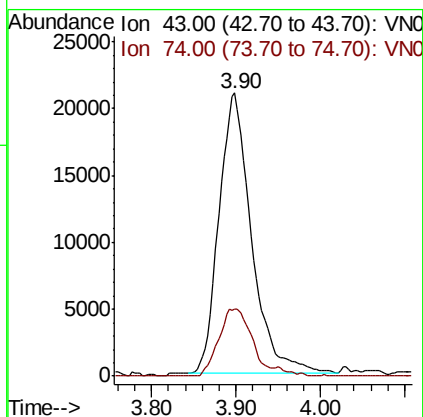
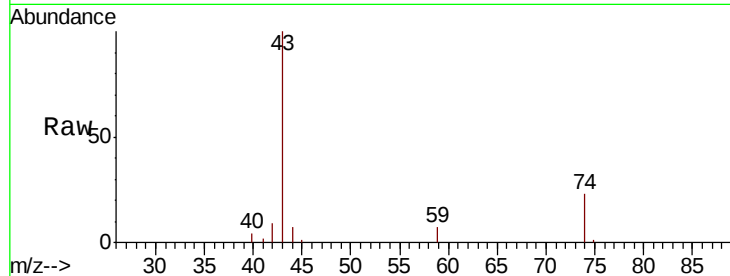




#18
Methyl Acetate
Concen: 3.904 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

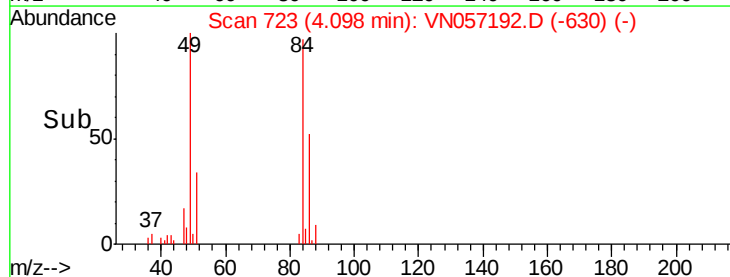
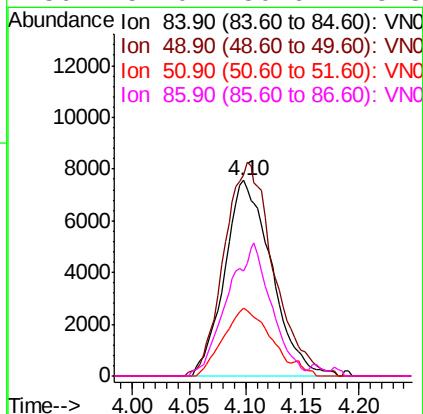
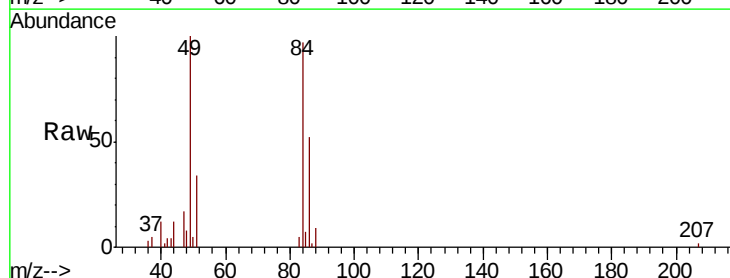
Instrument :
MSVOA_N
ClientSampleId :
1S-O-(1)

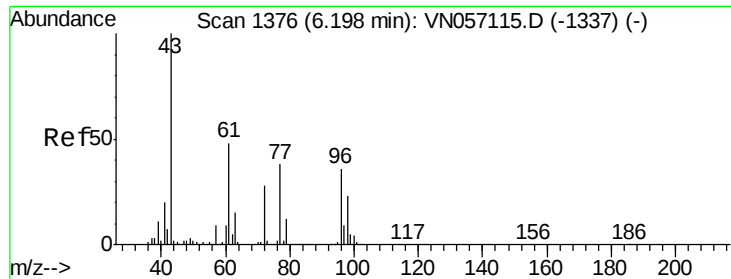
Tgt Ion: 43 Resp: 55990
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.4



#20
Methylene Chloride
Concen: 1.585 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion: 84 Resp: 21791
Ion Ratio Lower Upper
84 100
49 103.2 89.5 134.3
51 34.7 27.2 40.8
86 54.0 50.6 75.8

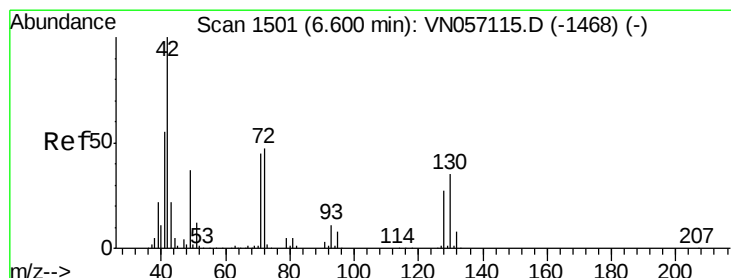
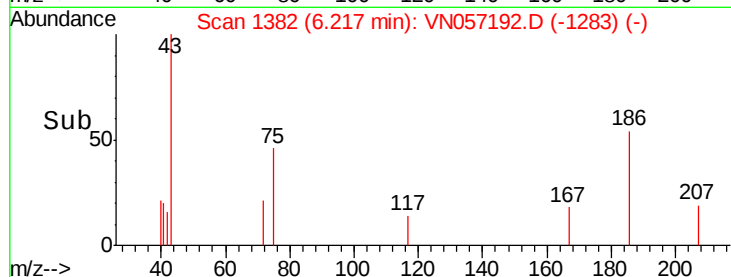
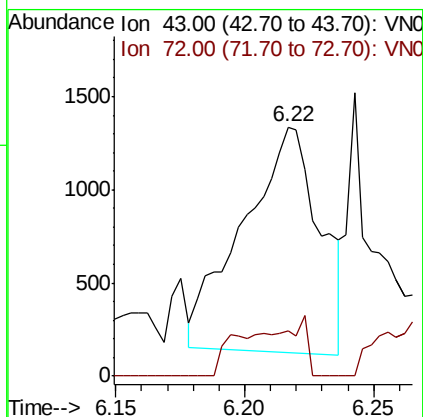
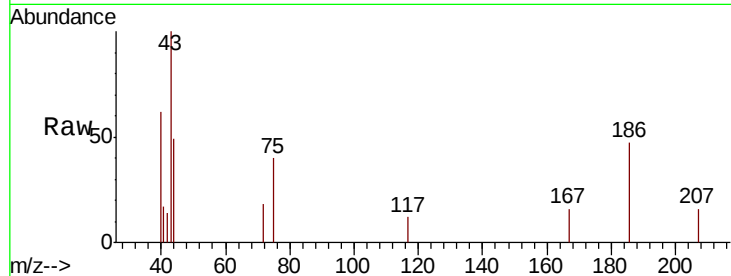




#25
2-Butanone
Concen: 0.393 ug/l
RT: 6.22 min Scan# 1382
Delta R.T. 0.02 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

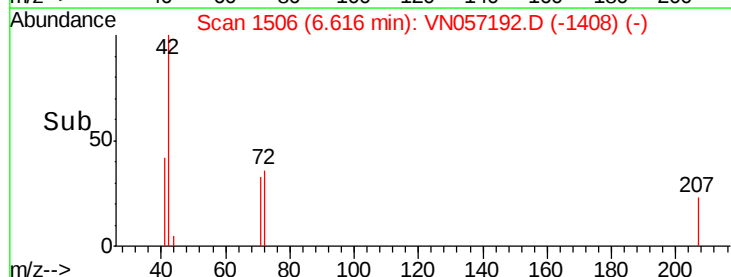
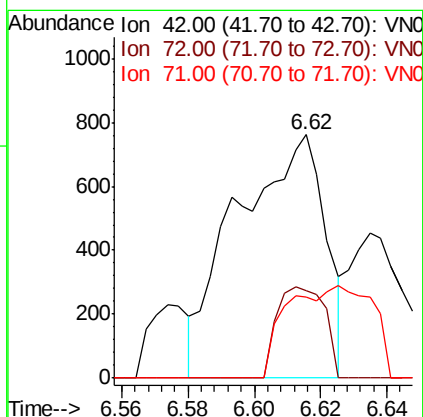
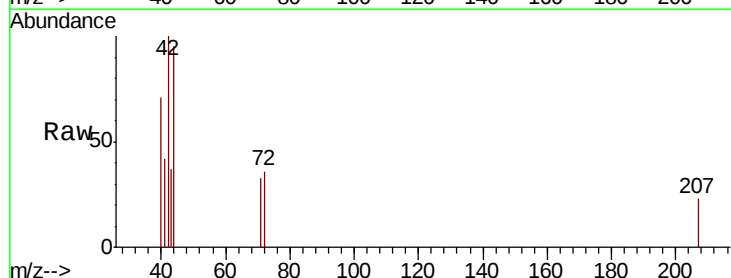
Instrument :
MSVOA_N
ClientSampled :
1S-O-(1)

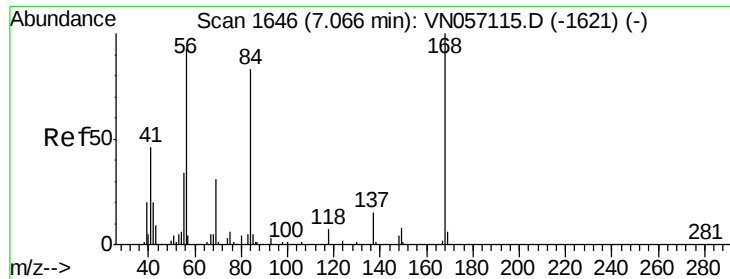
Tgt Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
72 23.1 22.2 33.4



#29
Tetrahydrofuran
Concen: 0.329 ug/l
RT: 6.62 min Scan# 1506
Delta R.T. 0.02 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion: 42 Resp: 1412
Ion Ratio Lower Upper
42 100
72 20.2 37.1 55.7#
71 0.0 34.8 52.2#

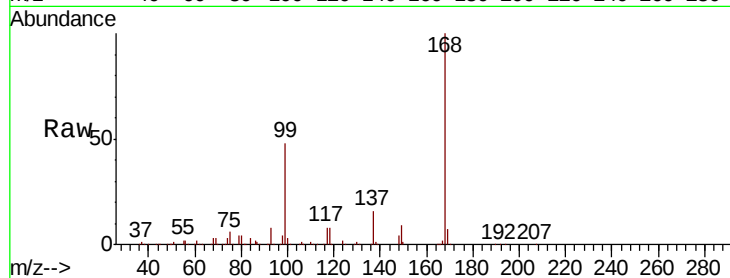




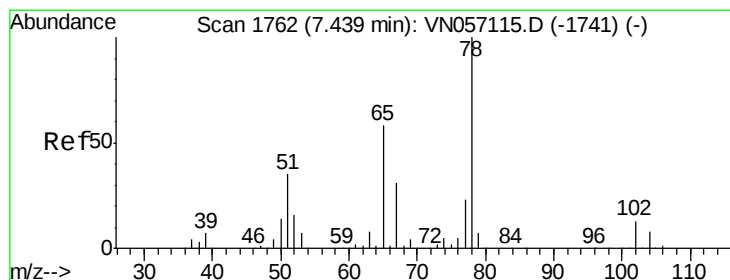
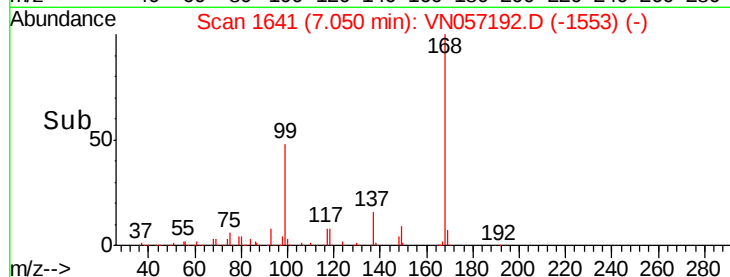
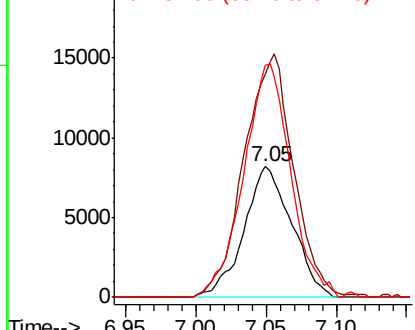
#31
Cyclohexane
Concen: 0.969 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.02 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
1S-O-(1)

Tgt Ion: 56 Resp: 19400
Ion Ratio Lower Upper
56 100
69 170.9 26.9 40.3#
84 177.8 71.9 107.9#

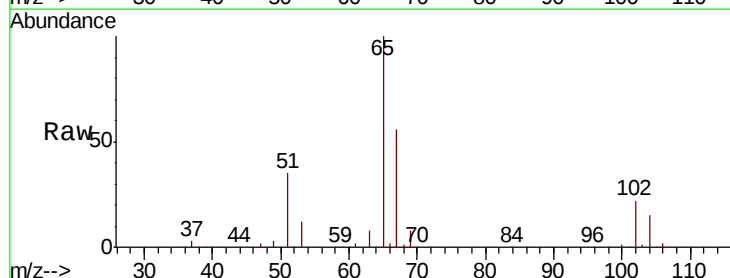


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

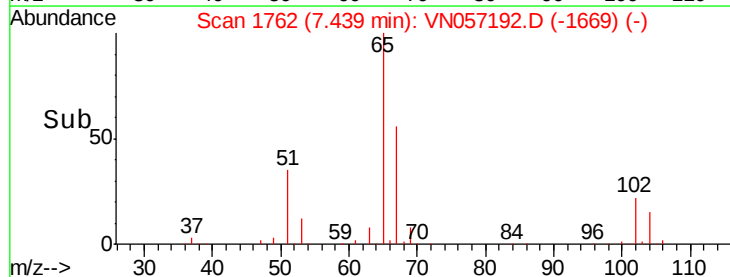
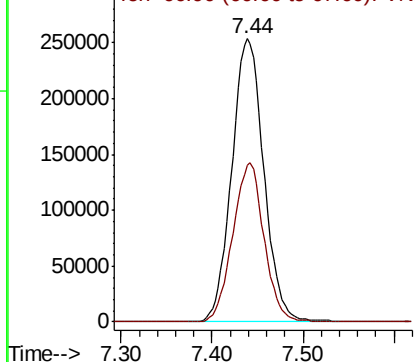


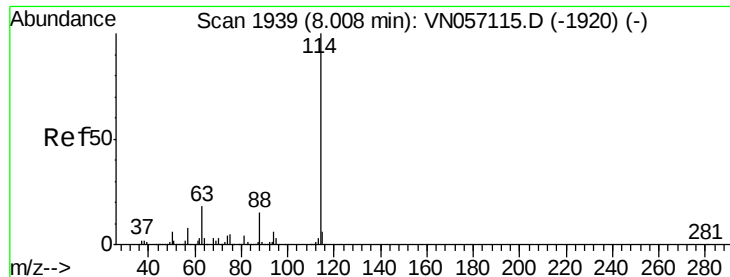
#33
1,2-Dichloroethane-d4
Concen: 44.988 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057192.D
Acq: 11 Aug 2019 17:05

Tgt Ion: 65 Resp: 620725
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.2



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

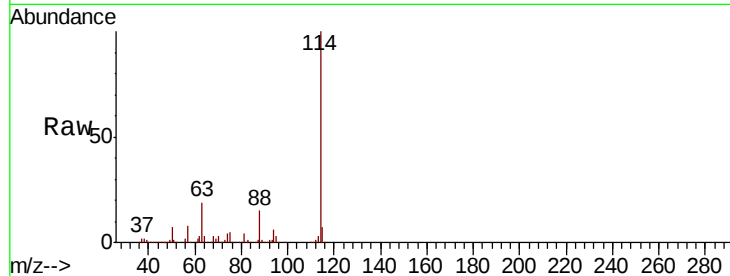




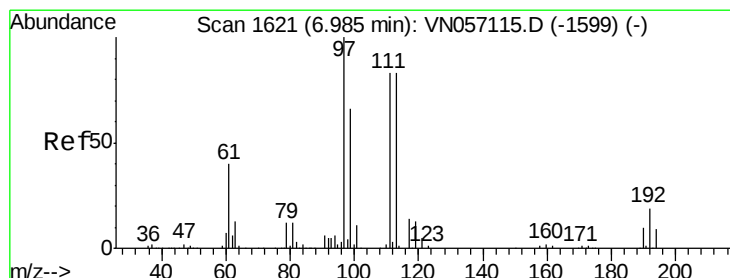
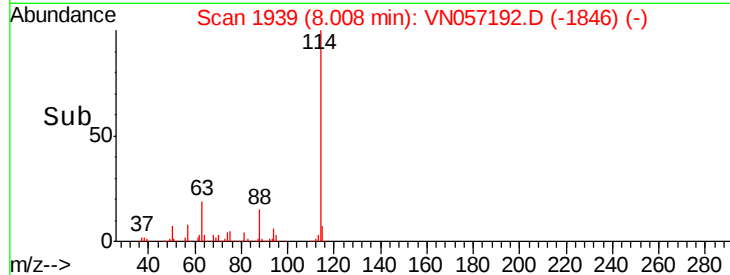
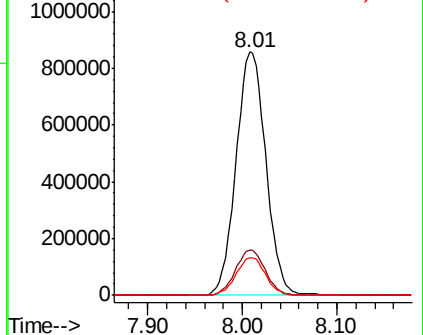
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Instrument :
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 ClientSampleId :
 1S-O-(1)

Tgt Ion:114 Resp: 1878068
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 15.3 0.0 30.0

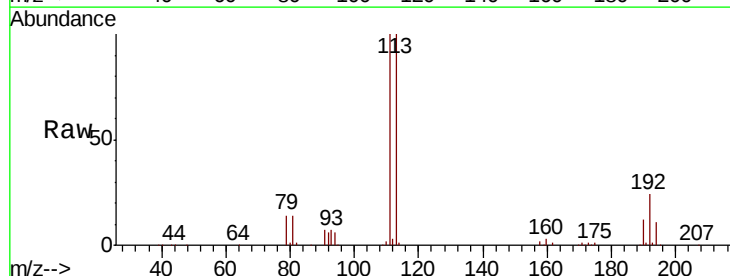


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

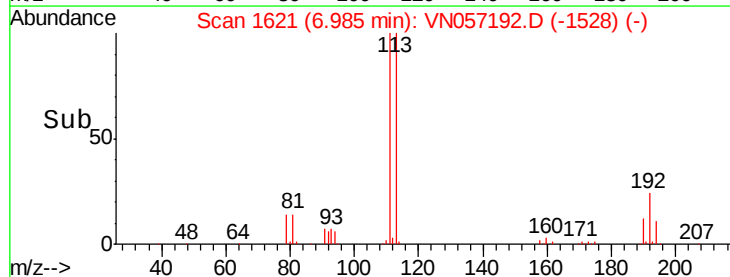
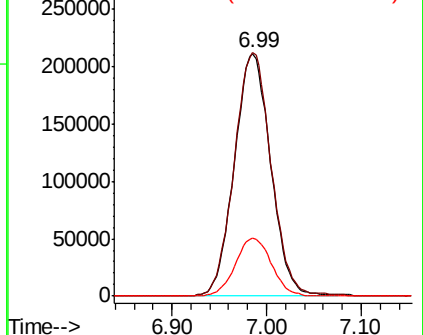


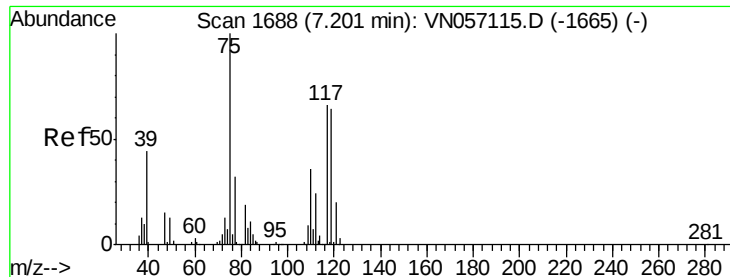
#35
 Dibromofluoromethane
 Concen: 47.949 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion:113 Resp: 565084
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 23.7 19.0 28.4



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





#36

1,1-Dichloropropene

Concen: 5.230 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.15 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

1S-O-(1)

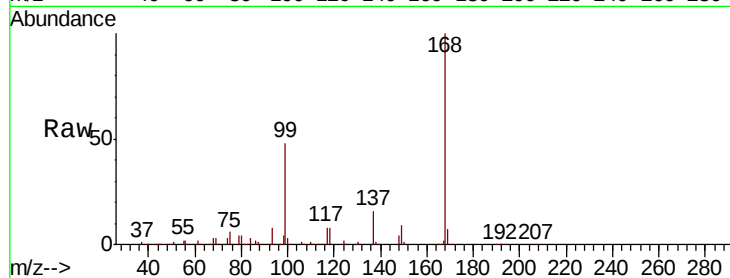
Tgt Ion: 75 Resp: 80873

Ion Ratio Lower Upper

75 100

110 9.0 18.7 56.1#

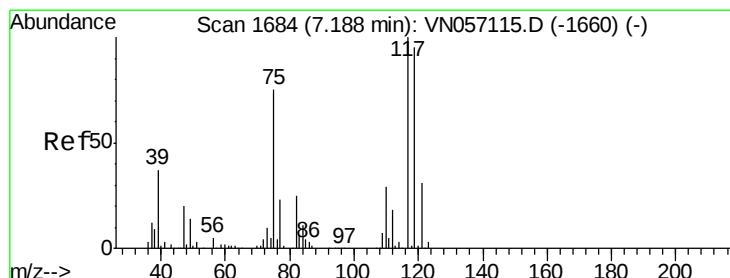
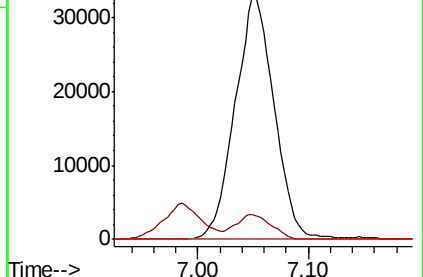
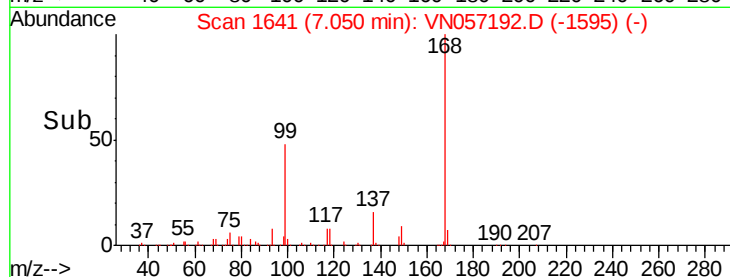
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057192.D (-1595) (-)

Ion 109.90 (109.60 to 110.60): VN057192.D (-1595) (-)

Ion 76.90 (76.60 to 77.60): VN057192.D (-1595) (-)



#38

Carbon Tetrachloride

Concen: 6.945 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.14 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

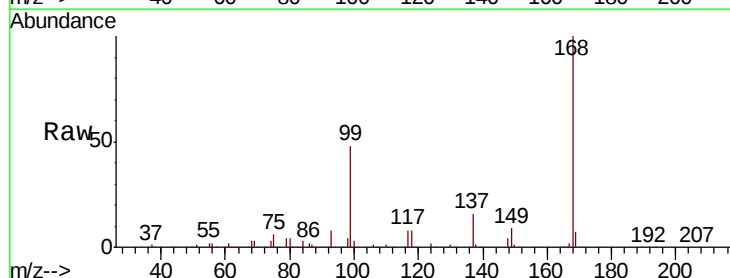
Tgt Ion: 117 Resp: 111927

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

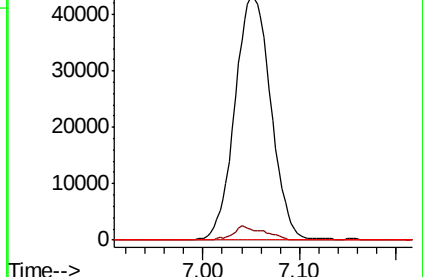
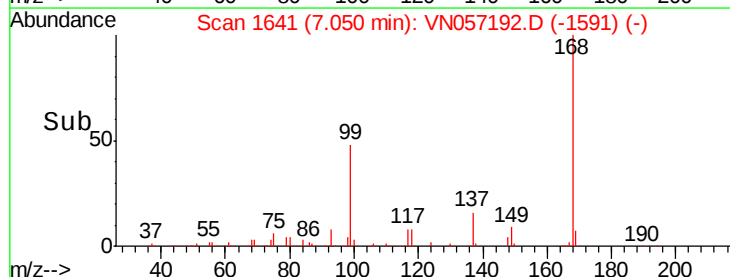
121 0.0 24.4 36.6#

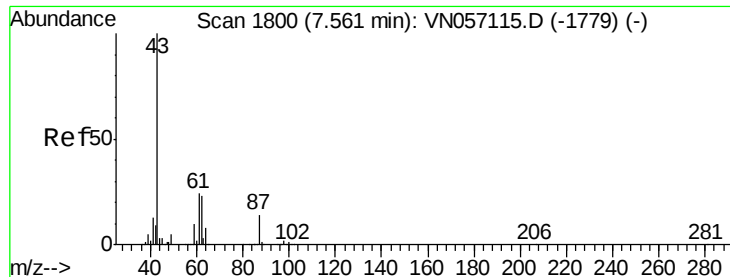


Abundance Ion 116.80 (116.50 to 117.50): VN057192.D (-1591) (-)

Ion 118.80 (118.50 to 119.50): VN057192.D (-1591) (-)

Ion 120.80 (120.50 to 121.50): VN057192.D (-1591) (-)





#43

Isopropyl Acetate

Concen: 8.237 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

1S-O-(1)

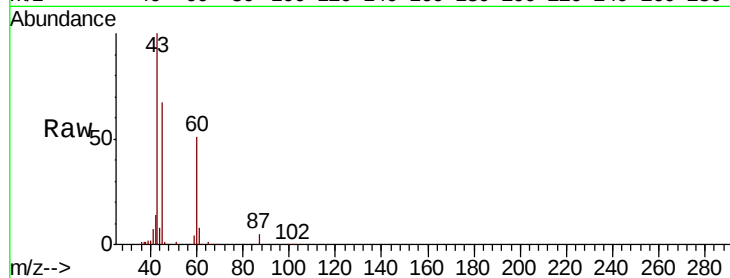
Tgt Ion: 43 Resp: 179189

Ion Ratio Lower Upper

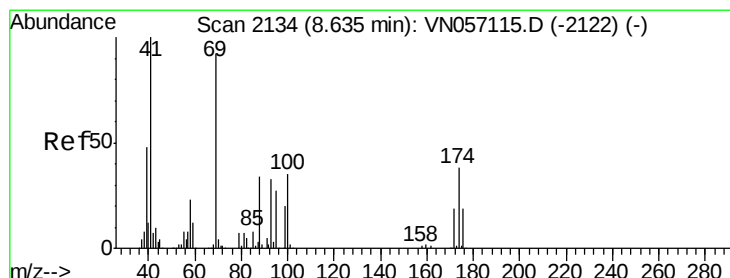
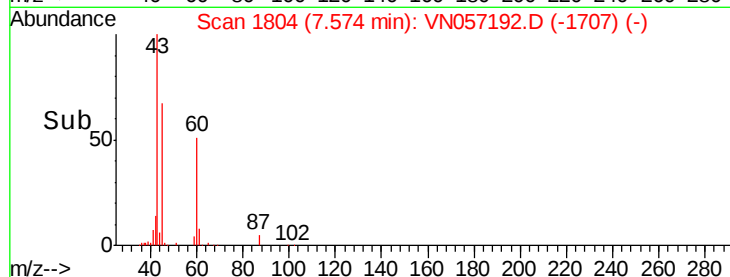
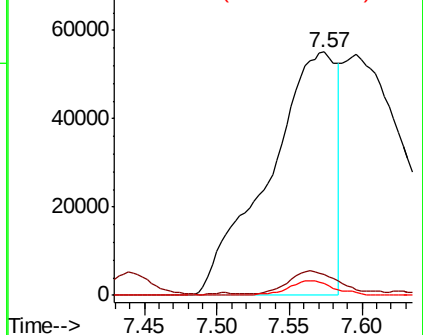
43 100

61 7.2 24.2 36.2#

87 4.0 11.8 17.8#



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



#48

Methyl methacrylate

Concen: 1.782 ug/l

RT: 8.62 min Scan# 2130

Delta R.T. -0.01 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

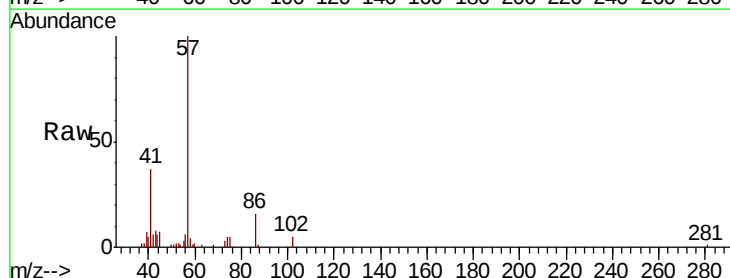
Tgt Ion: 41 Resp: 18283

Ion Ratio Lower Upper

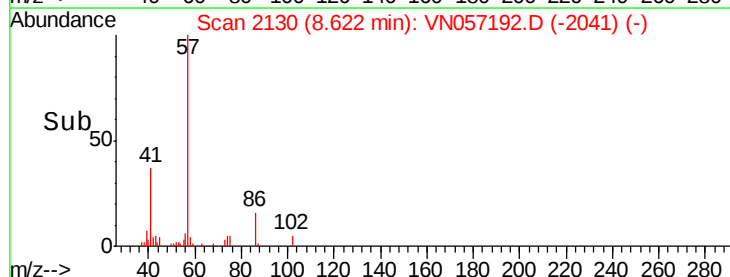
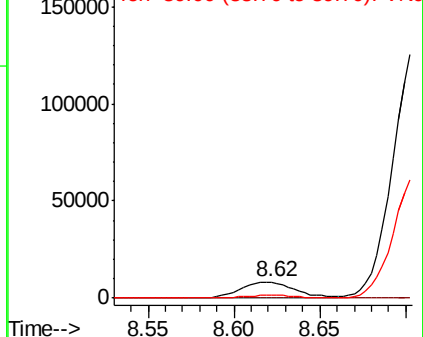
41 100

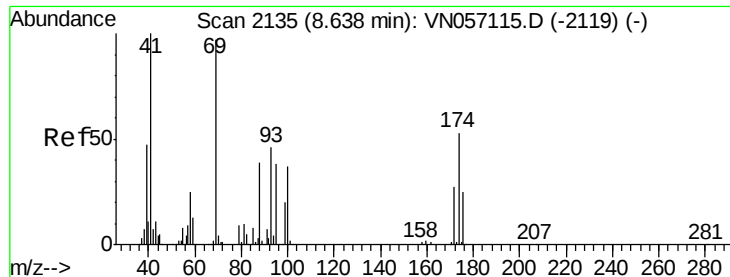
69 0.0 77.5 116.3#

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





#49

1,4-Dioxane

Concen: 1.393 ug/l

RT: 8.71 min Scan# 2158

Delta R.T. 0.07 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

1S-O-(1)

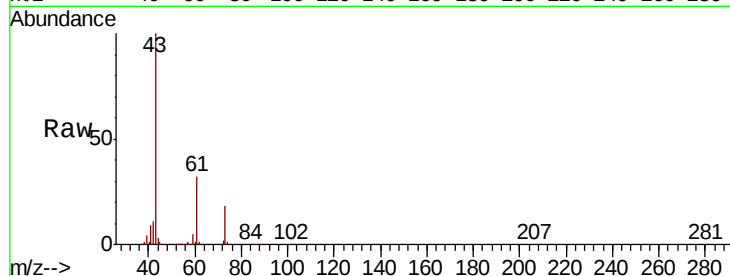
Tgt Ion: 88 Resp: 291

Ion Ratio Lower Upper

88 100

43 956571.8 21.7 32.5#

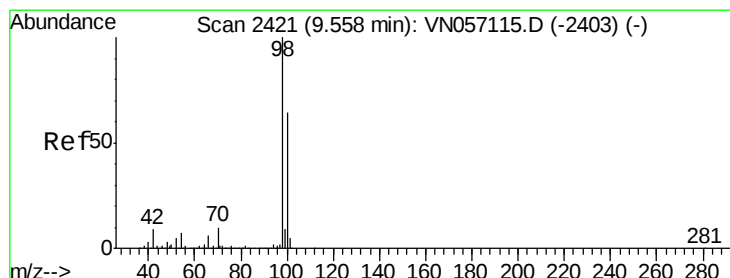
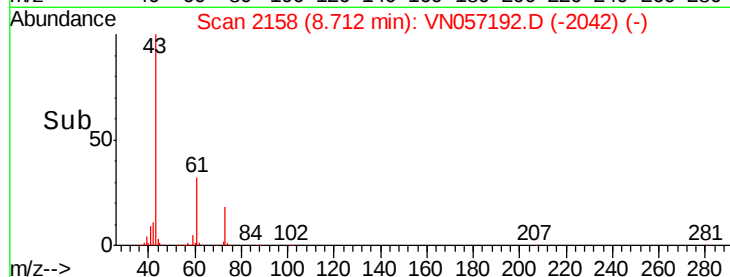
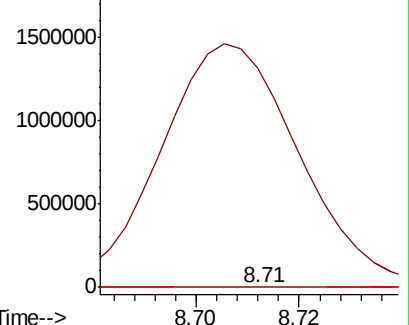
58 4214.8 51.1 76.7#



Abundance Ion 88.00 (87.70 to 88.70): VN057192.D (-2158) (-)

Ion 43.00 (42.70 to 43.70): VN057192.D (-2158) (-)

Ion 58.00 (57.70 to 58.70): VN057192.D (-2158) (-)



#50

Toluene-d8

Concen: 48.628 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057192.D

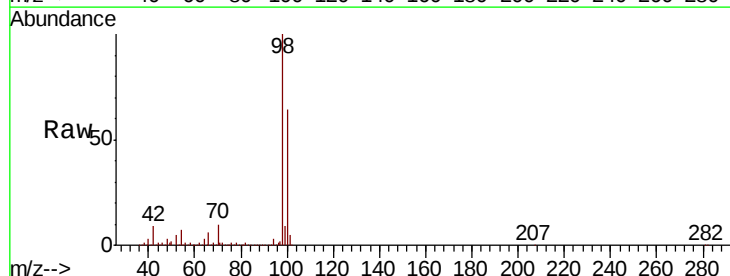
Acq: 11 Aug 2019 17:05

Tgt Ion: 98 Resp: 2192551

Ion Ratio Lower Upper

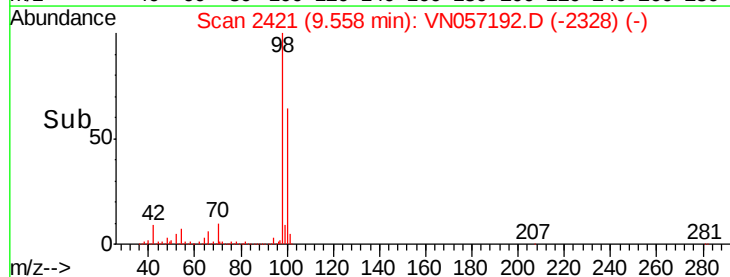
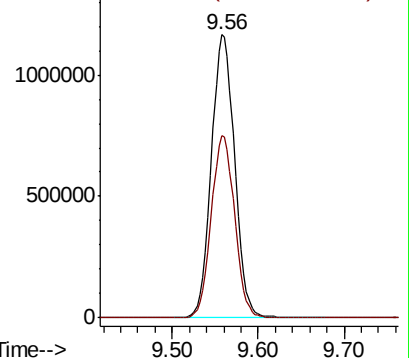
98 100

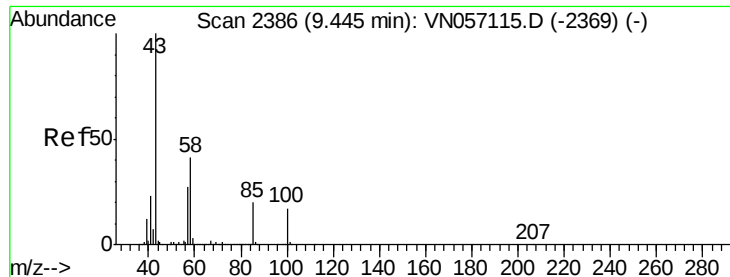
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN057192.D (-2421) (-)

Ion 100.00 (99.70 to 100.70): VN057192.D (-2421) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.558 ug/l

RT: 9.45 min Scan# 2387

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

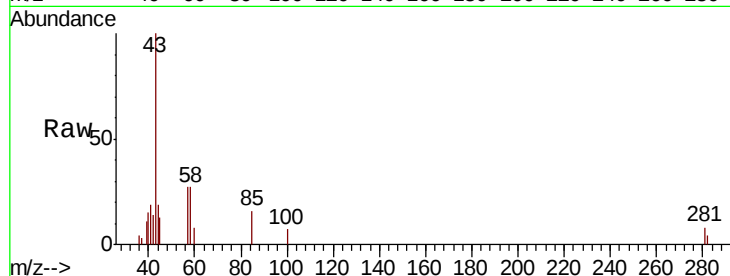
1S-O-(1)

Tgt Ion: 43 Resp: 7062

Ion Ratio Lower Upper

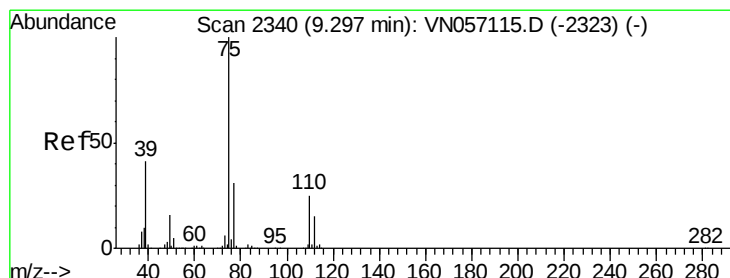
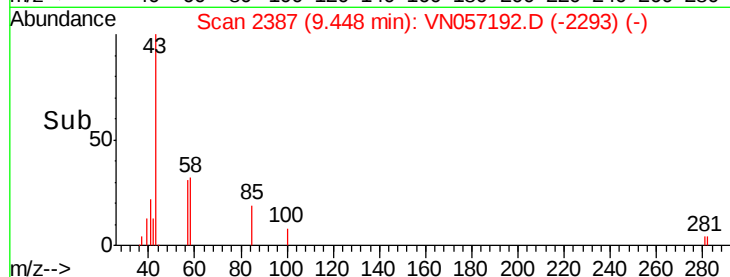
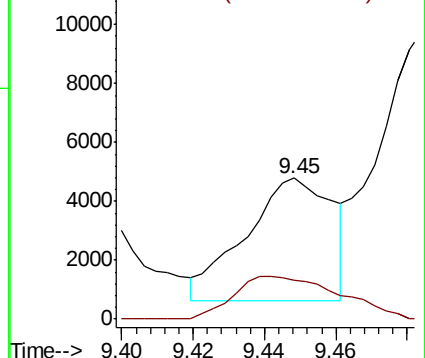
43 100

58 42.1 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.329 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. 0.06 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

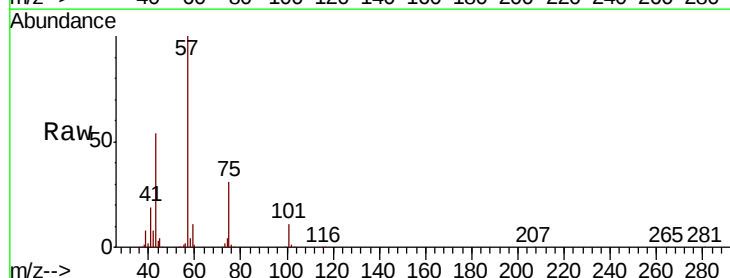
Tgt Ion: 75 Resp: 119306

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

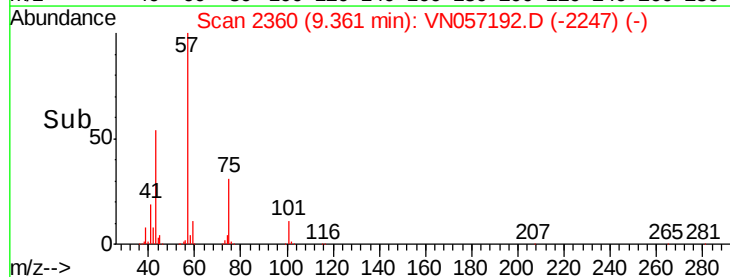
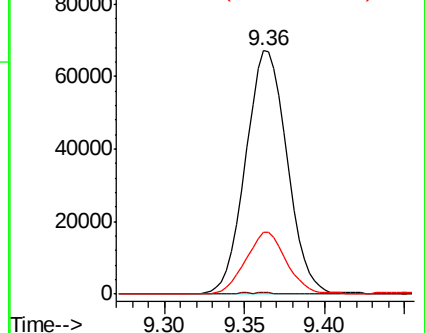
39 25.6 32.5 48.7#

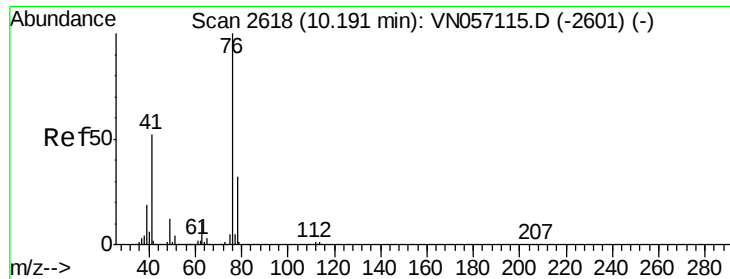


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

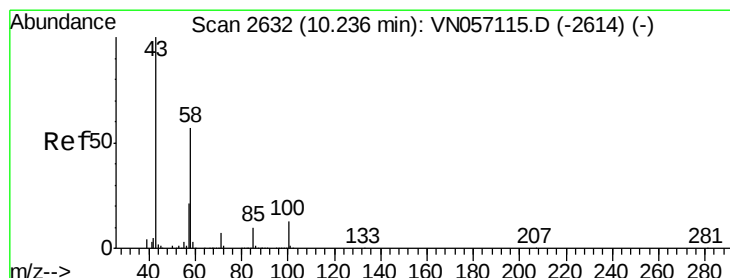
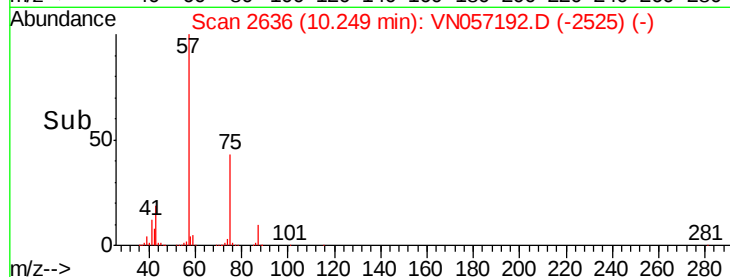
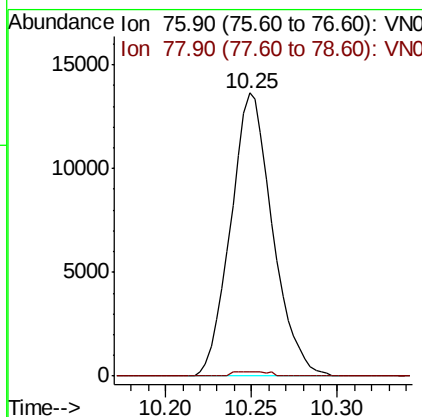
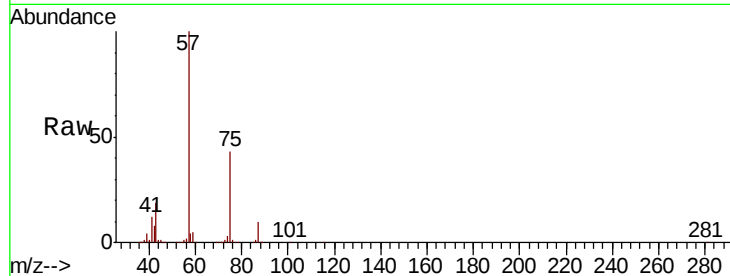




#57
 1,3-Dichloropropane
 Concen: 1.170 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

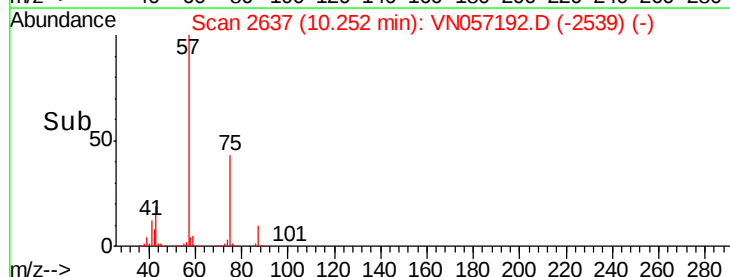
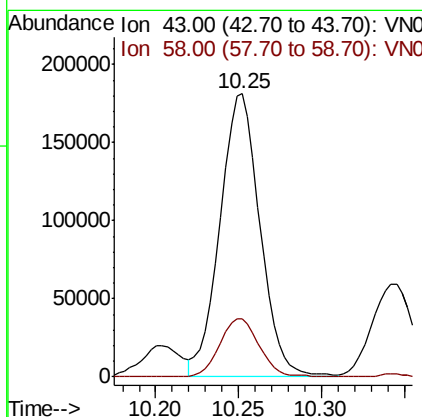
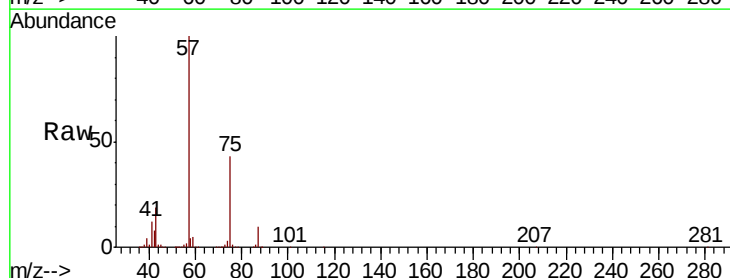
Instrument :
 MSVOA_N
 ClientSampled :
 1S-O(1)

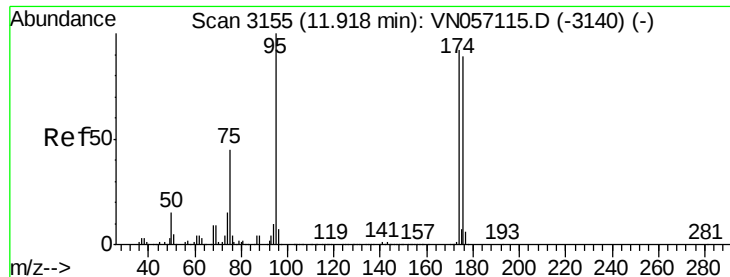
Tgt Ion: 76 Resp: 23054
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.9 38.9#



#59
 2-Hexanone
 Concen: 35.194 ug/l
 RT: 10.25 min Scan# 2637
 Delta R.T. 0.02 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion: 43 Resp: 301549
 Ion Ratio Lower Upper
 43 100
 58 20.6 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 40.972 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

1S-O(1)

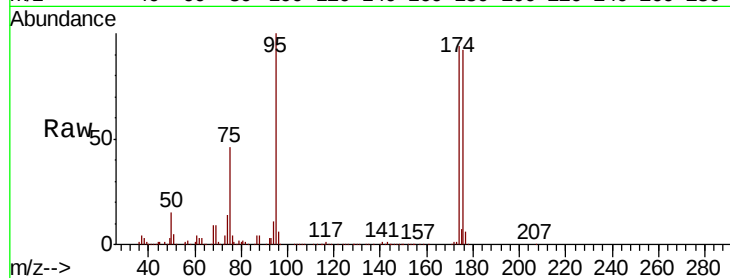
Tgt Ion: 95 Resp: 595231

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.0

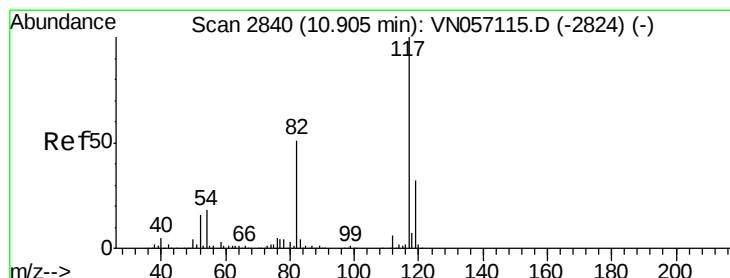
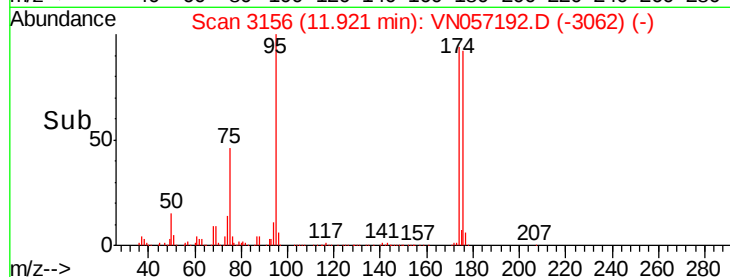
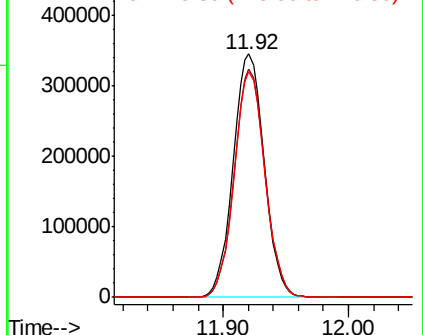
176 91.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

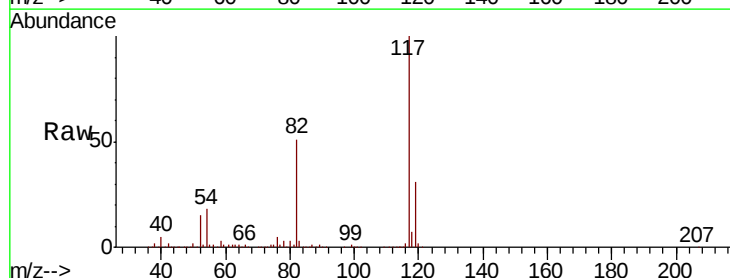
Tgt Ion: 117 Resp: 1592814

Ion Ratio Lower Upper

117 100

82 51.1 40.8 61.2

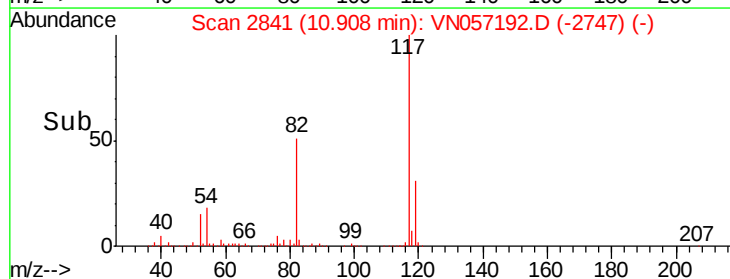
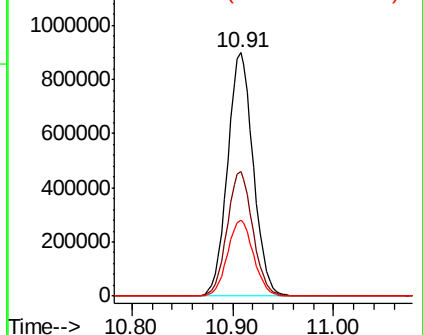
119 31.3 25.7 38.5

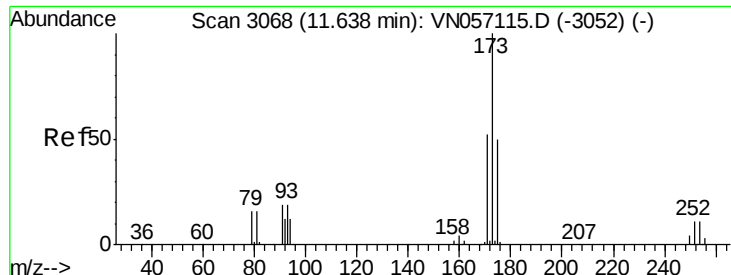


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 0.470 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.28 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

1S-O-(1)

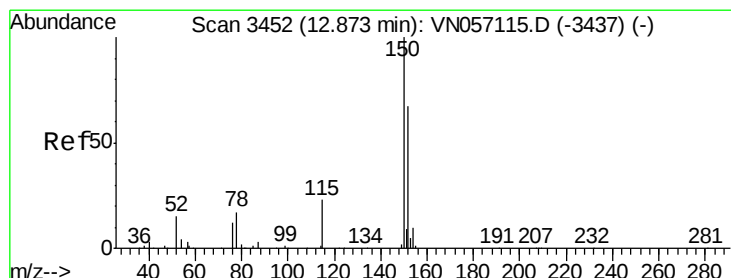
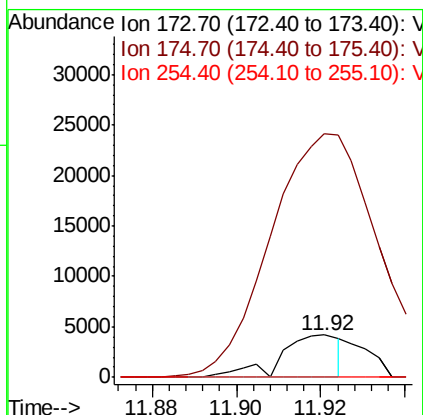
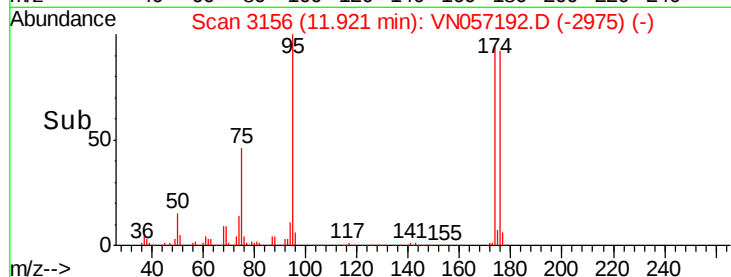
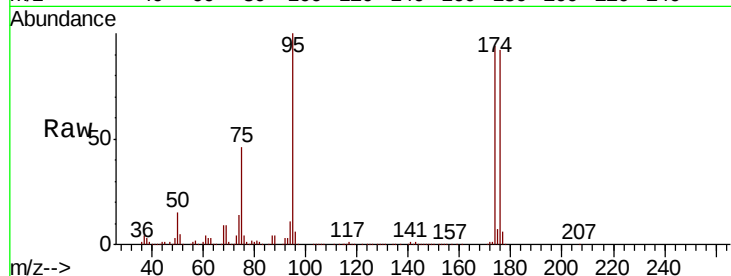
Tgt Ion:173 Resp: 4121

Ion Ratio Lower Upper

173 100

175 682.6 24.6 73.8#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

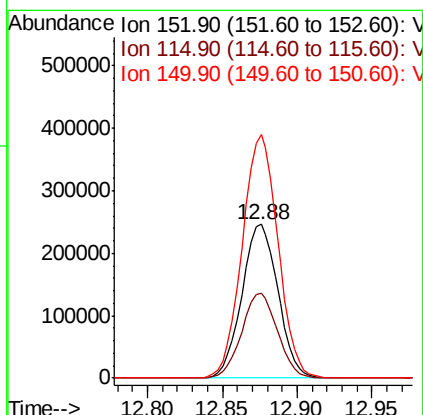
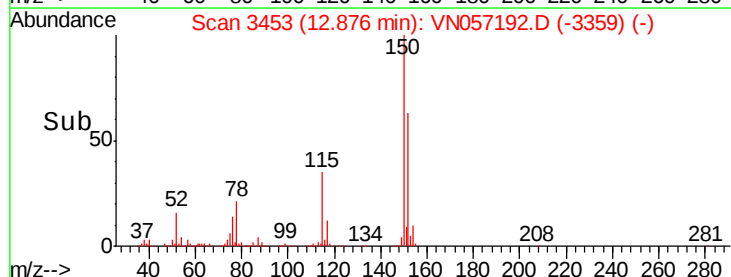
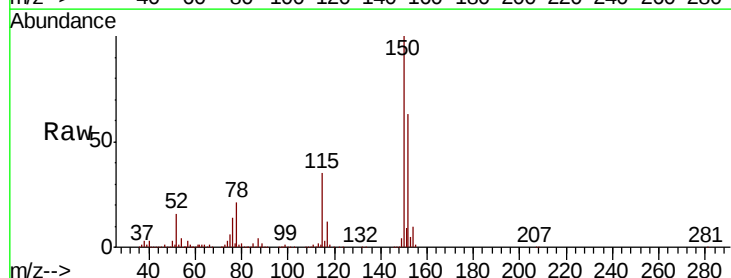
Tgt Ion:152 Resp: 413469

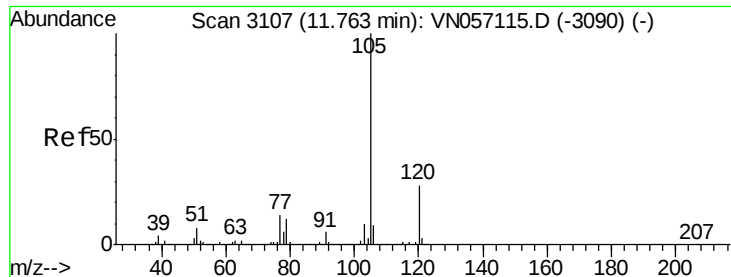
Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.5

150 157.0 0.0 341.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3110

Delta R.T. 0.01 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

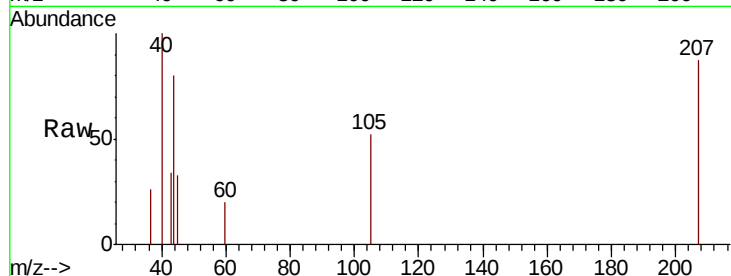
1S-O-(1)

Tgt Ion: 105 Resp: 509

Ion Ratio Lower Upper

105 100

120 0.0 13.7 41.0#



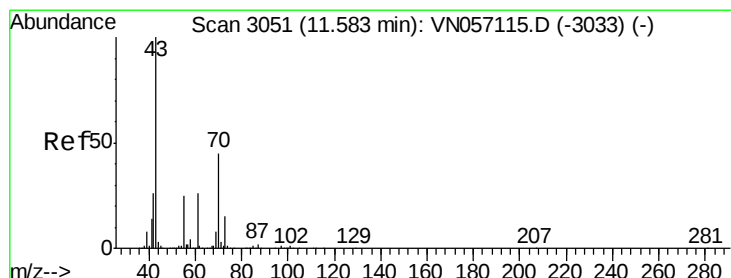
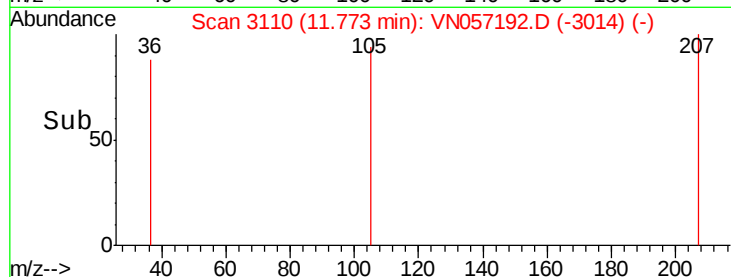
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.77

11.74 11.76 11.78

Time-->



#74

N-ethyl acetate

Concen: 2.134 ug/l

RT: 11.39 min Scan# 2990

Delta R.T. -0.20 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Tgt Ion: 43 Resp: 22363

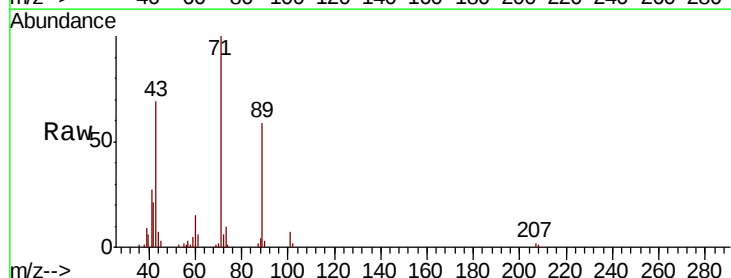
Ion Ratio Lower Upper

43 100

70 2.0 36.8 55.2#

55 4.4 20.6 31.0#

61 9.5 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

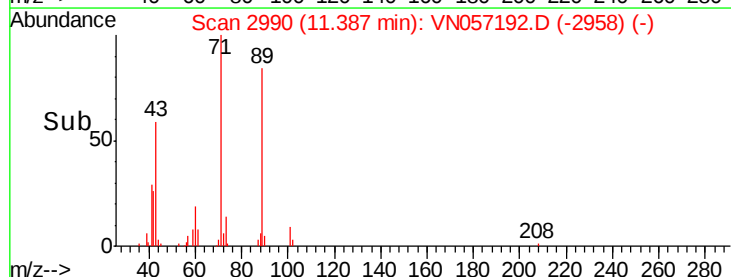
Ion 55.00 (54.70 to 55.70): V

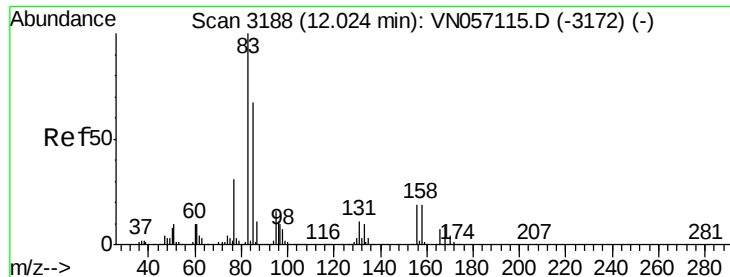
Ion 61.00 (60.70 to 61.70): V

11.39

11.30 11.35 11.40 11.45

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.92 min Scan# 3156

Delta R.T. -0.10 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

1S-O-(1)

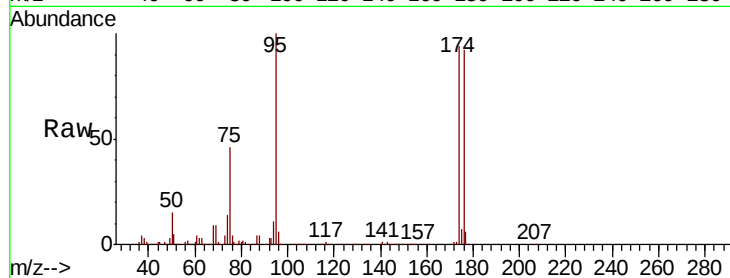
Tgt Ion: 83 Resp: 338

Ion Ratio Lower Upper

83 100

131 145.6 5.5 16.4#

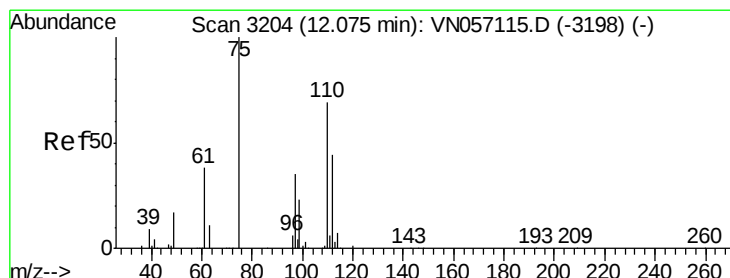
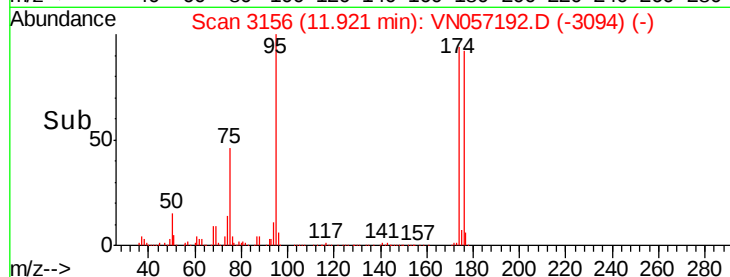
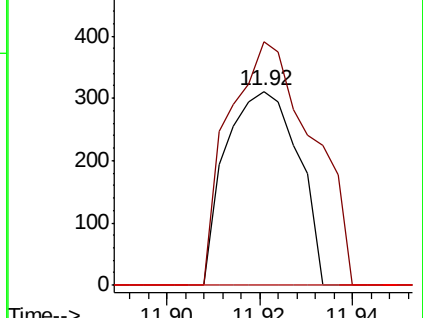
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.800 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057192.D

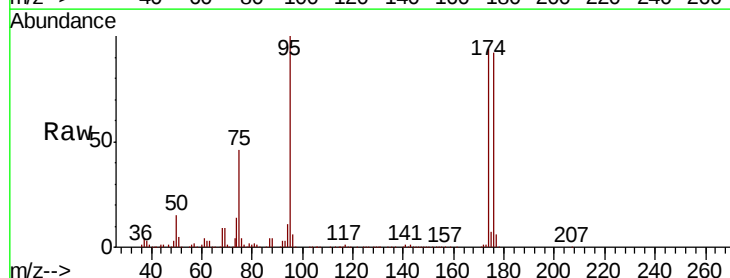
Acq: 11 Aug 2019 17:05

Tgt Ion: 75 Resp: 272929

Ion Ratio Lower Upper

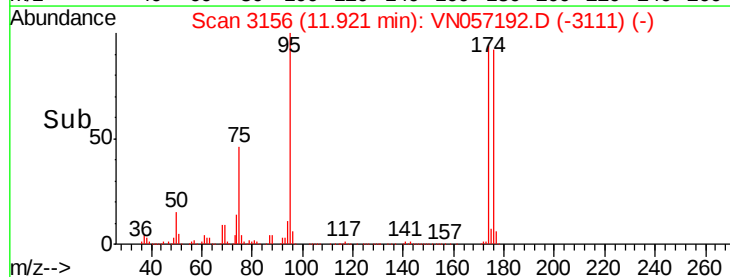
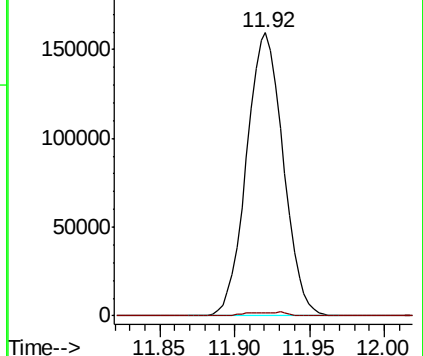
75 100

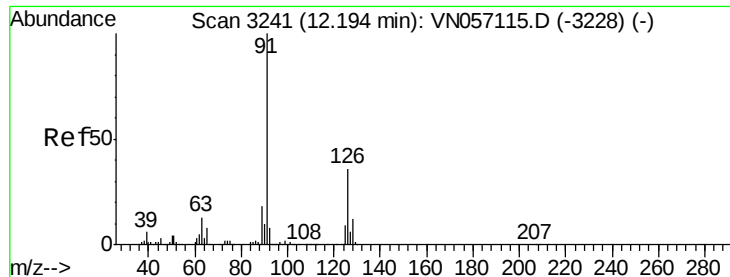
77 1.4 0.0 0.0#



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: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

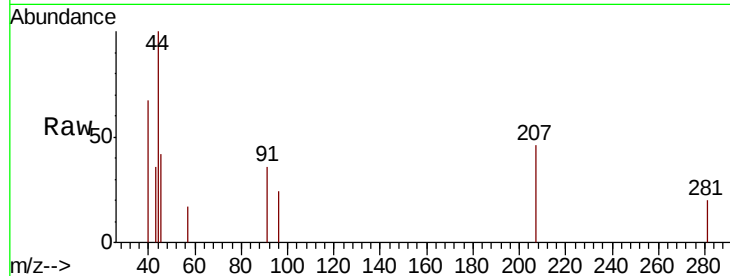
1S-O-(1)

Tgt Ion: 91 Resp: 323

Ion Ratio Lower Upper

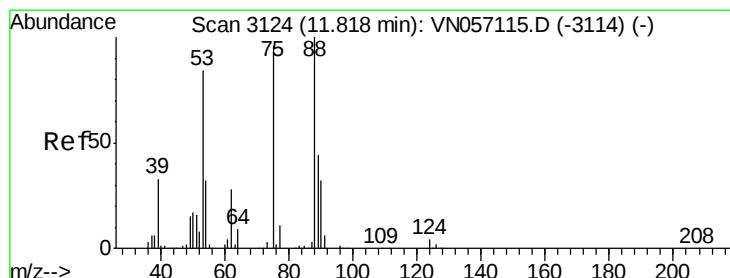
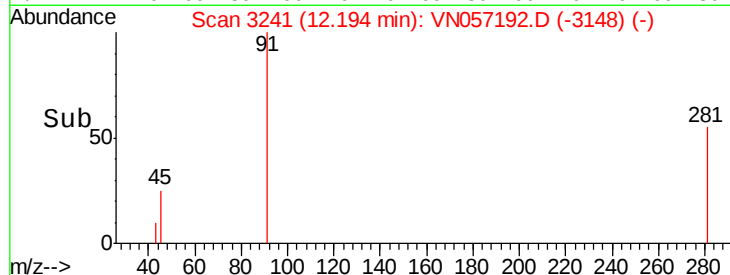
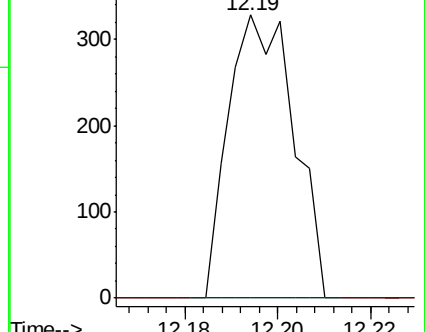
91 100

126 0.0 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: 97.057 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057192.D

Acq: 11 Aug 2019 17:05

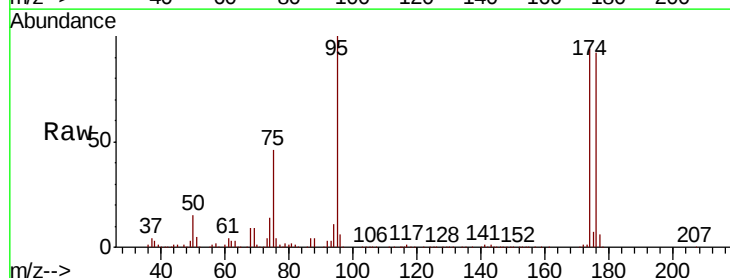
Tgt Ion: 75 Resp: 272929

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

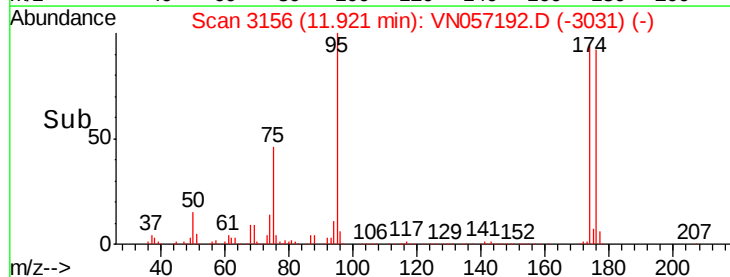
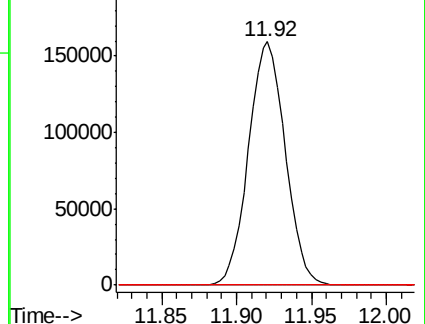
89 0.0 36.4 54.6#

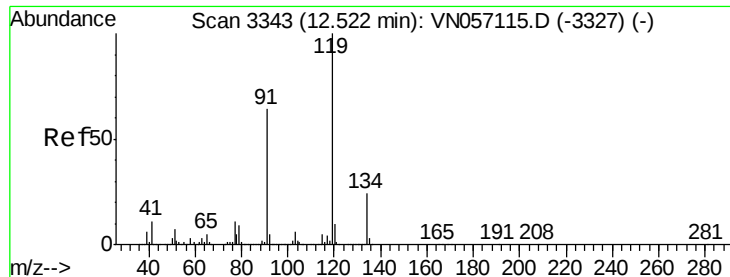


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

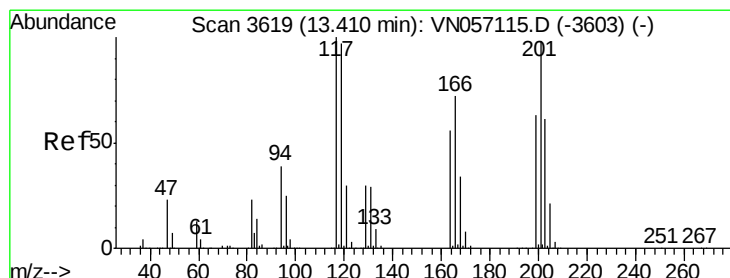
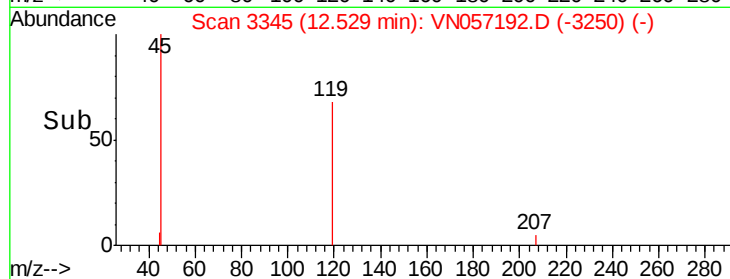
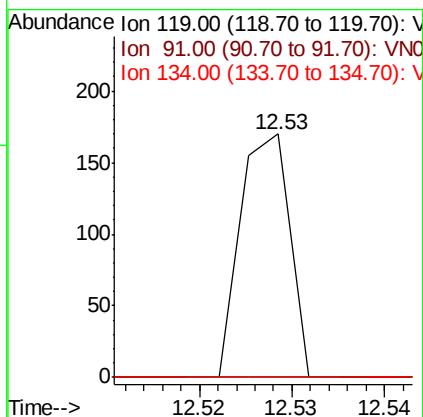
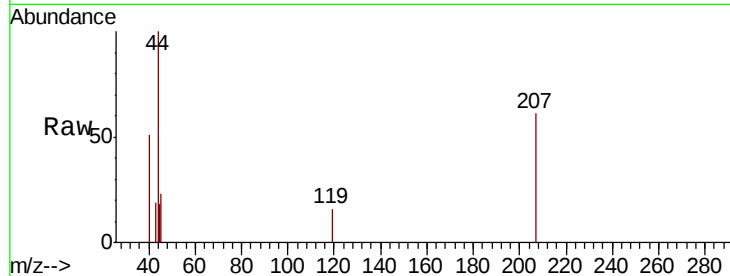




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.01 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

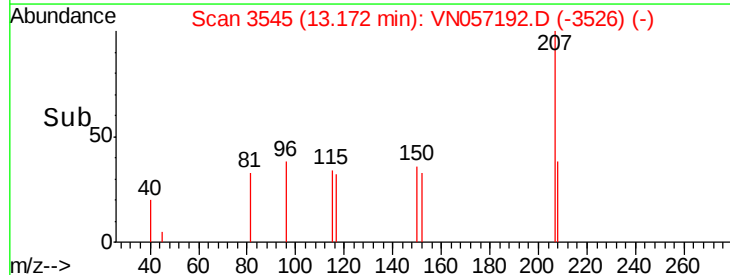
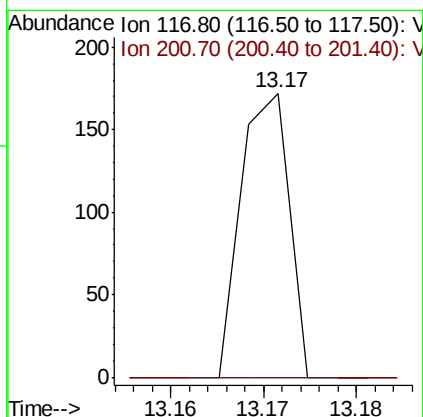
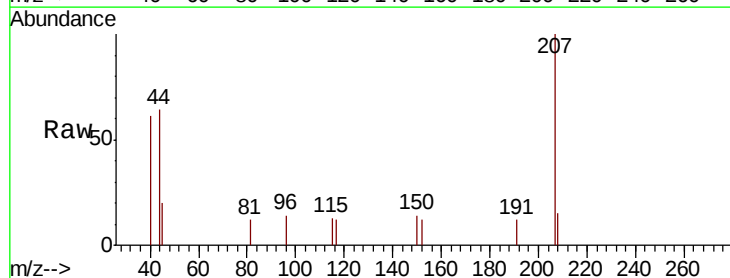
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-O-(1)

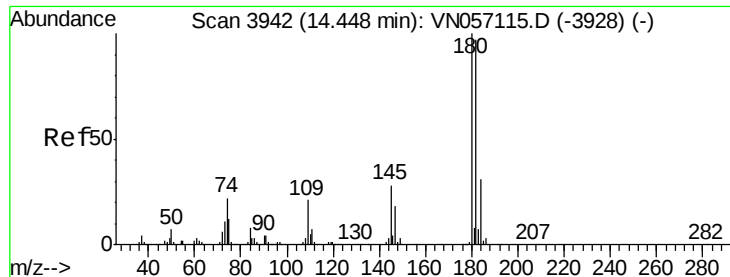
Tgt Ion:119 Resp: 63
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.4 94.2#
 134 0.0 13.2 39.6#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.24 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion:117 Resp: 63
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.3 147.8#

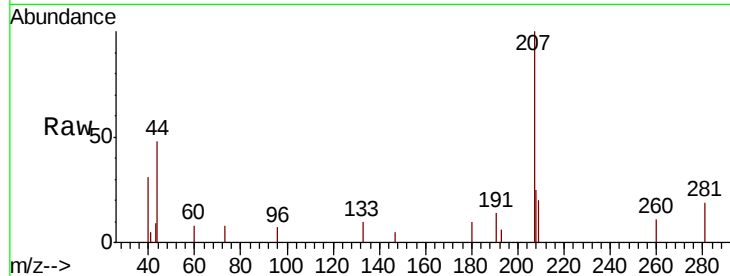




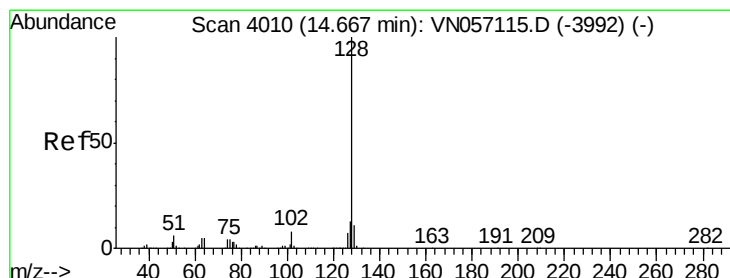
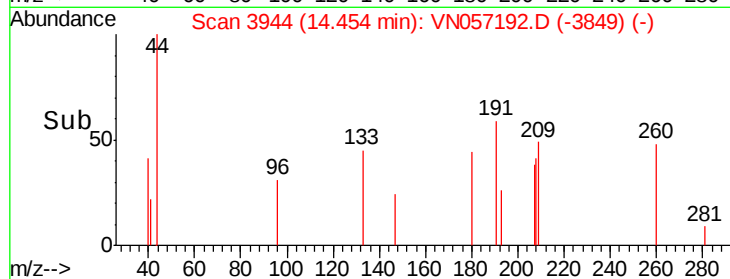
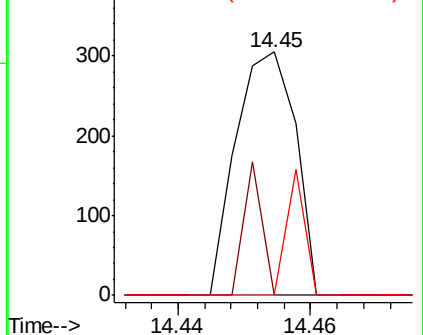
#93
 1,2,4-Trichlorobenzene
 Concen: 5.958 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-O-(1)

Tgt Ion:180 Resp: 190
 Ion Ratio Lower Upper
 180 100
 182 16.8 47.5 142.6#
 145 15.8 14.1 42.2

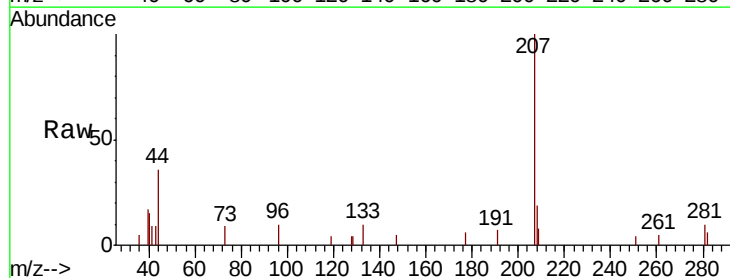


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

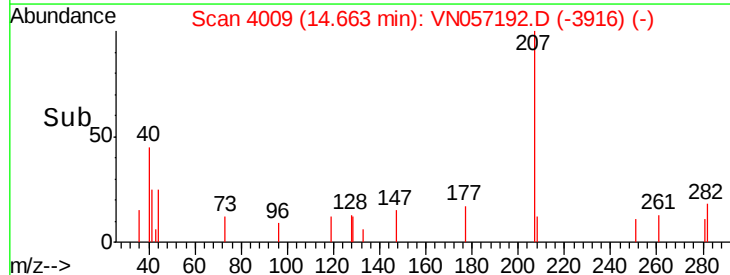
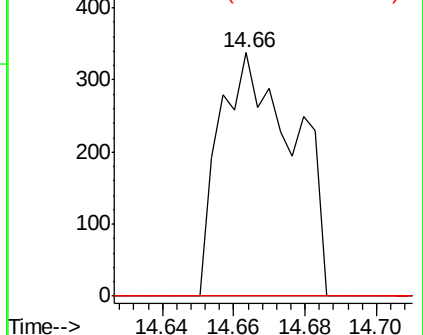


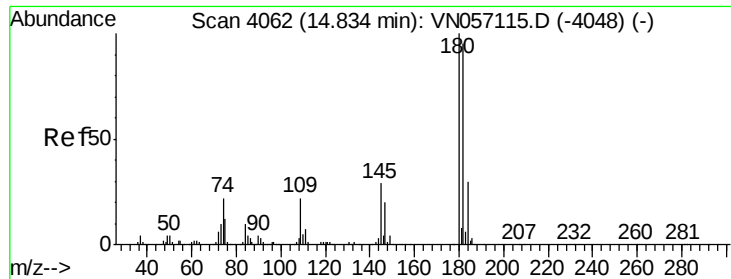
#95
 Naphthalene
 Concen: 2.848 ug/l
 RT: 14.66 min Scan# 4009
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Tgt Ion:128 Resp: 486
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 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: 5.751 ug/l
 RT: 14.83 min Scan# 4061
 Delta R.T. -0.00 min
 Lab File: VN057192.D
 Acq: 11 Aug 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-O-(1)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	48.3	144.8
145	0.0	14.9	44.5#

