

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057341.D
 Acq On : 15 Aug 2019 19:06
 Operator : JC/SP
 Sample : K4264-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(2)

Quant Time: Aug 16 02:03:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

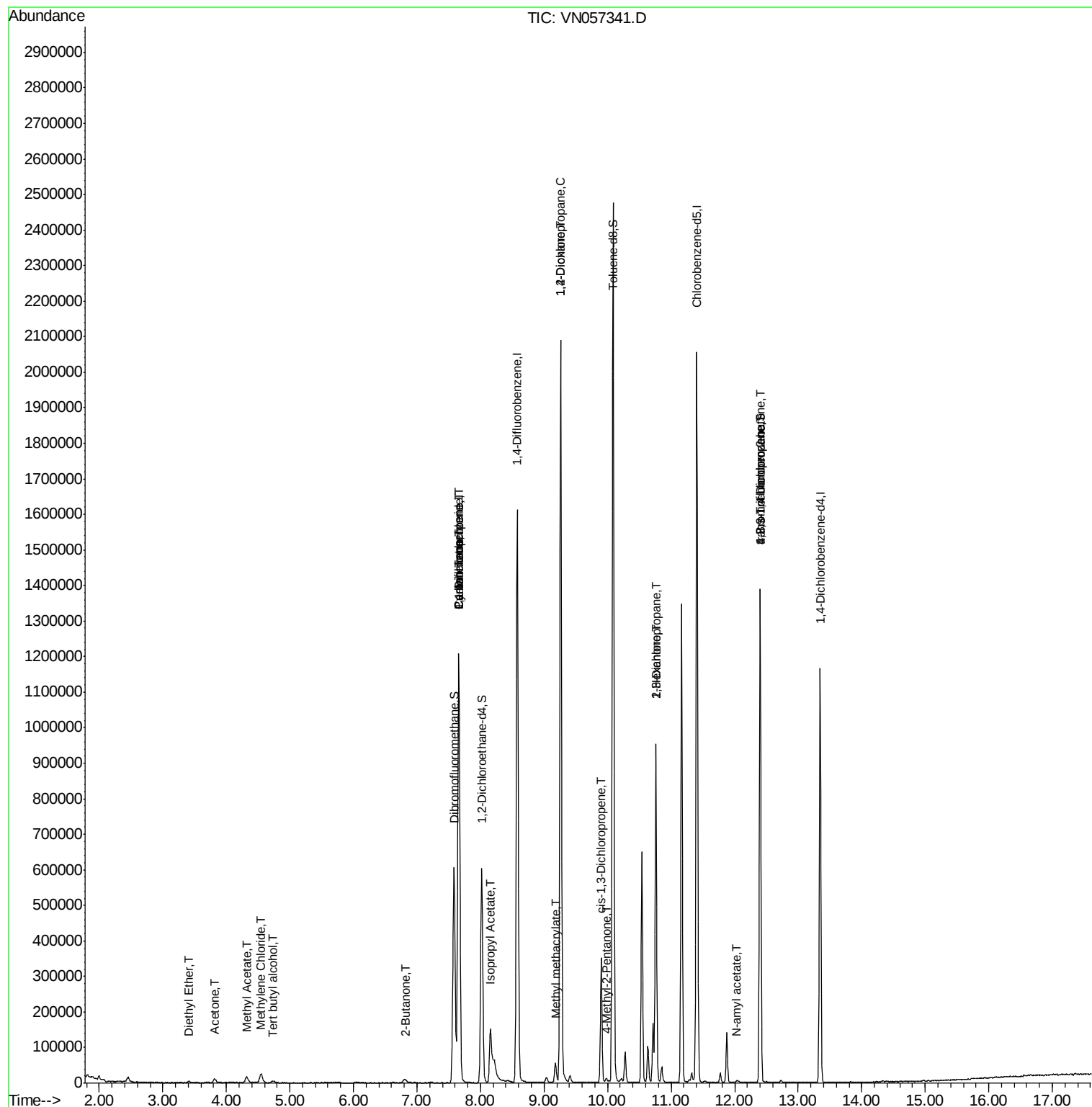
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1109106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1542594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1310327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	522933	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
35) Dibromofluoromethane	7.58	113	468555	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	10.09	98	1811631	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	487250	37.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.40	74	2997	0.479	ug/l	97
11) Tert butyl alcohol	4.73	59	3024	1.764	ug/l #	73
16) Acetone	3.82	43	18744	4.481	ug/l	97
18) Methyl Acetate	4.32	43	35005	0.749	ug/l	97
20) Methylene Chloride	4.55	84	21013	1.796	ug/l	98
25) 2-Butanone	6.83	43	2164	0.357	ug/l #	90
31) Cyclohexane	7.66	56	15990	0.973	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	64497	4.735	ug/l #	49
38) Carbon Tetrachloride	7.66	117	94922	6.708	ug/l #	17
43) Isopropyl Acetate	8.16	43	199942	8.873	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	2980	0.278	ug/l #	44
48) Methyl methacrylate	9.17	41	7766	0.845	ug/l #	11
49) 1,4-Dioxane	9.27	88	157	0.813	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9680	0.841	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	69435	4.101	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10682	0.627	ug/l #	43
59) 2-Hexanone	10.76	43	132873	16.060	ug/l #	49
73) Isopropylbenzene	12.25	105	236	Below Cal	#	49
74) N-amyl acetate	12.03	43	4887	0.485	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.41	83	67	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	228167	32.728	ug/l #	100
77) Bromobenzene	12.41	156	166	Below Cal	#	1
79) 2-Chlorotoluene	12.73	91	149	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	2044	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	228167	80.127	ug/l #	15
83) tert-Butylbenzene	13.00	119	62	Below Cal	#	28
85) sec-Butylbenzene	13.18	105	273	Below Cal	#	55
95) Naphthalene	15.13	128	176	Below Cal	#	69

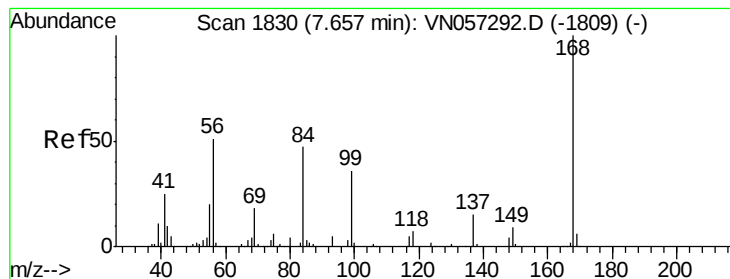
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

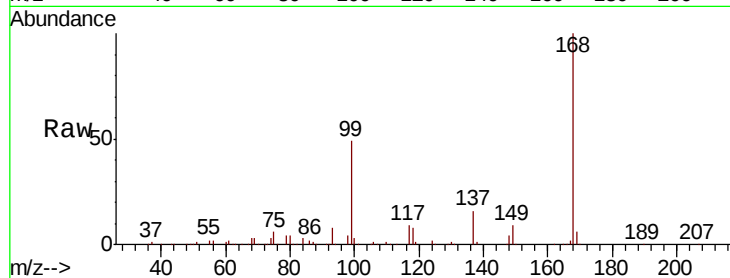
REACTOR-3-C3-(2)

Tgt Ion:168 Resp: 1109106

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

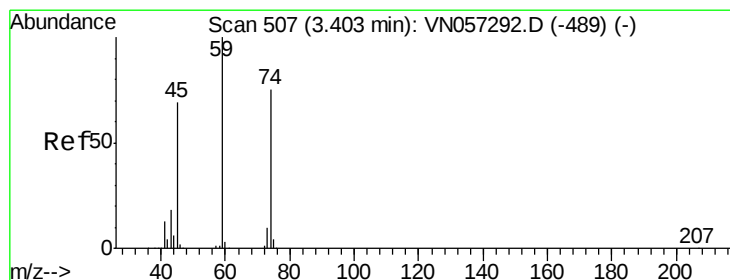
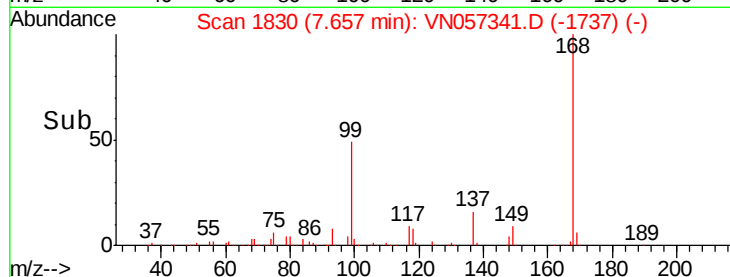
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.479 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057341.D

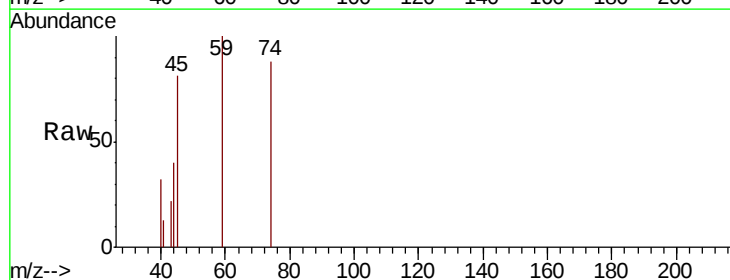
Acq: 15 Aug 2019 19:06

Tgt Ion: 74 Resp: 2997

Ion Ratio Lower Upper

74 100

45 89.0 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

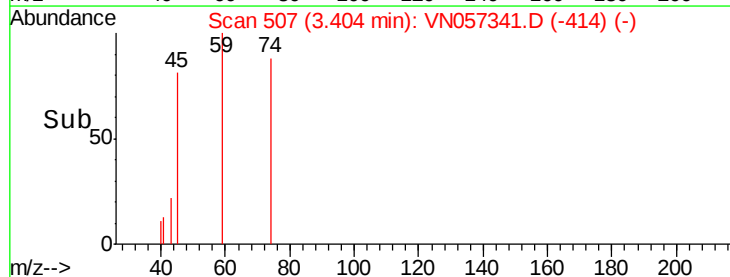
1500

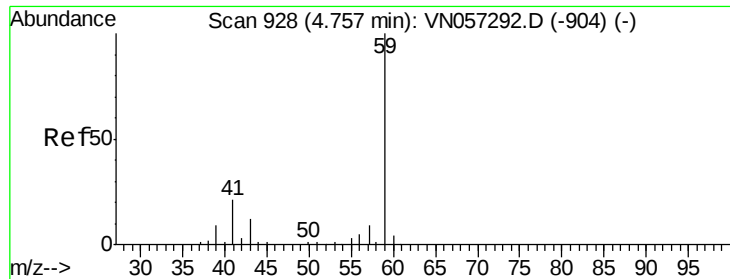
1000

500

0

Time-->

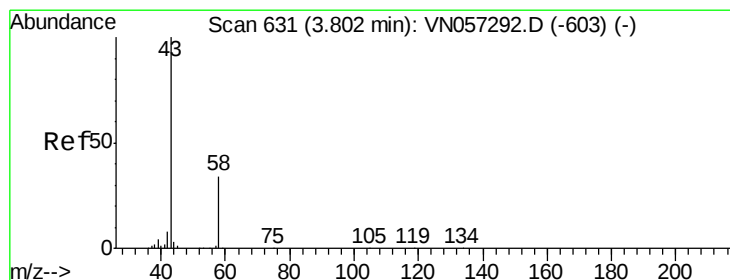
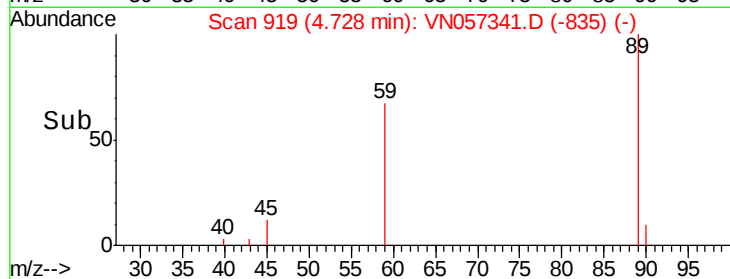
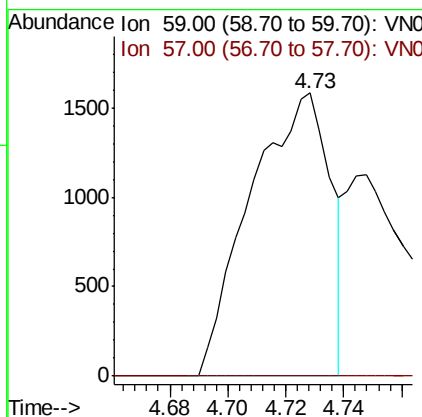
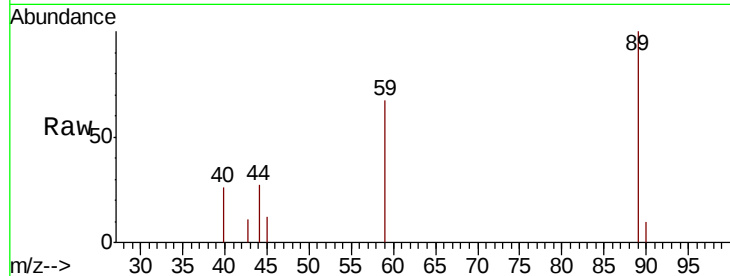




#11
Tert butyl alcohol
Concen: 1.764 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

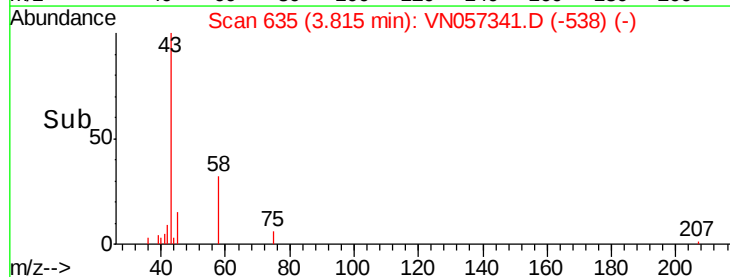
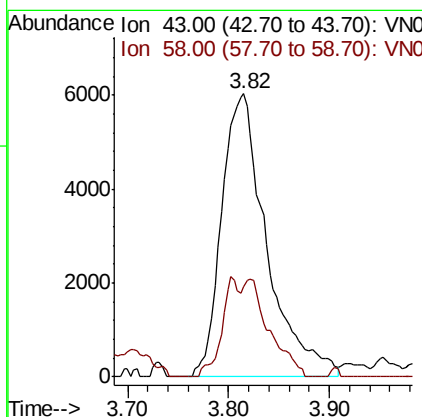
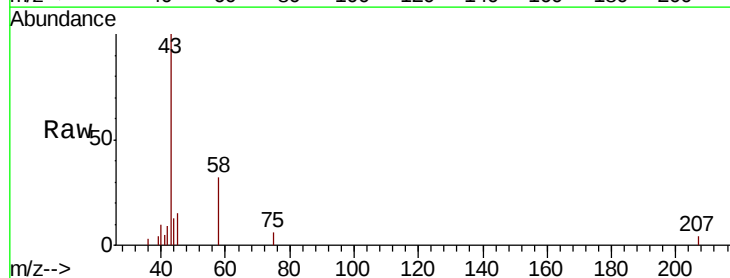
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(2)

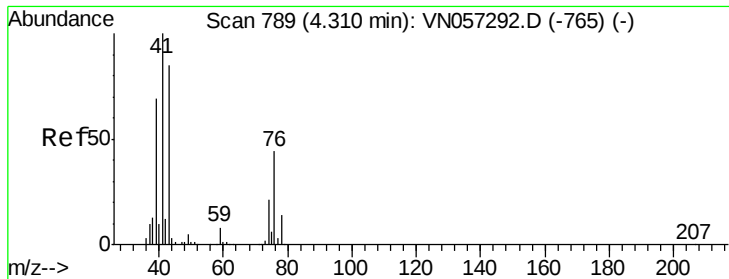
Tgt Ion: 59 Resp: 3024
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.481 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

Tgt Ion: 43 Resp: 18744
Ion Ratio Lower Upper
43 100
58 31.9 27.0 40.6

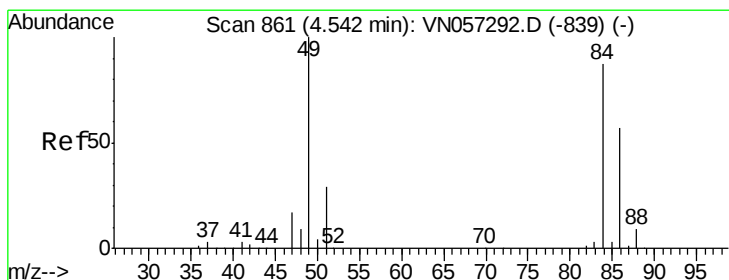
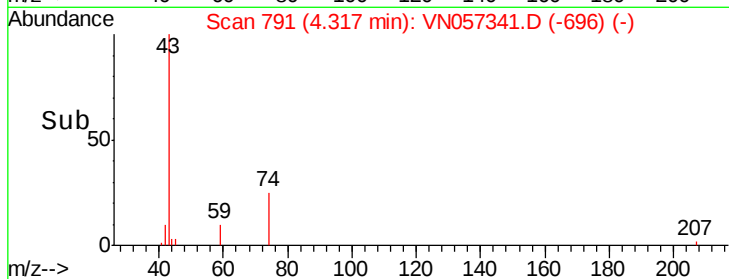
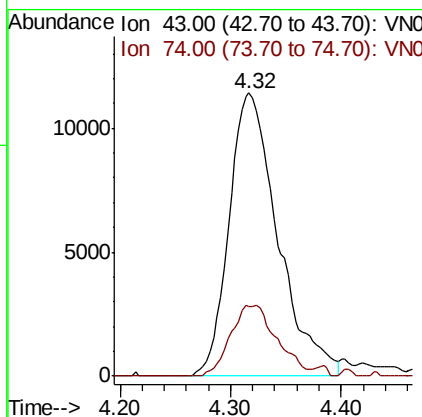
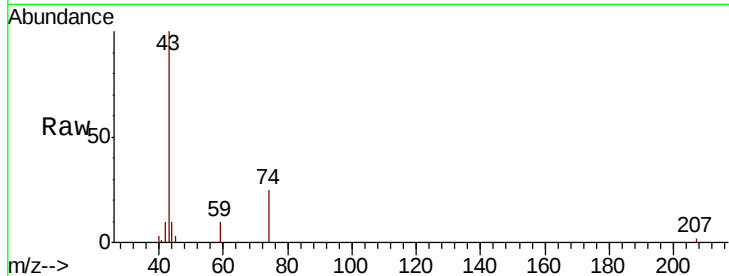




#18
Methyl Acetate
Concen: 0.749 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

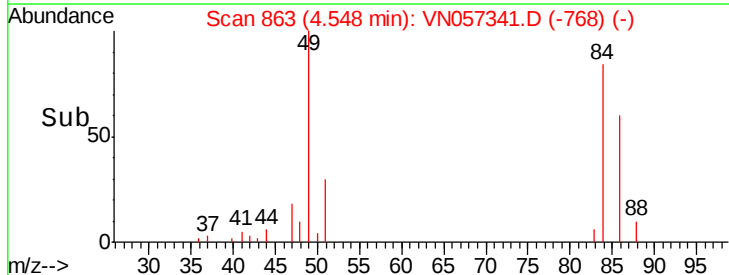
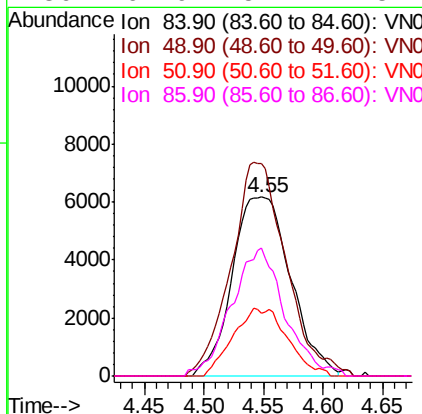
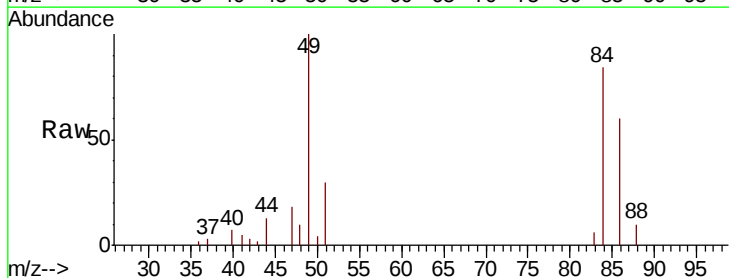
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(2)

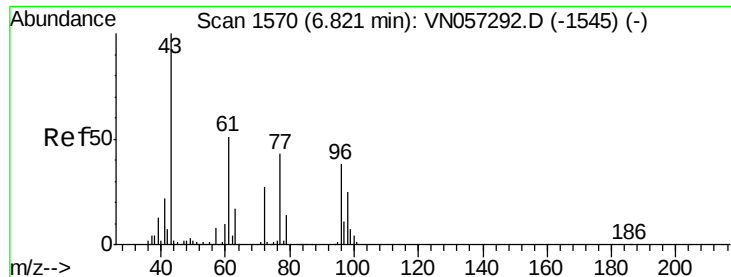
Tgt Ion: 43 Resp: 35005
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.2



#20
Methylene Chloride
Concen: 1.796 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

Tgt Ion: 84 Resp: 21013
Ion Ratio Lower Upper
84 100
49 116.1 92.0 138.0
51 35.2 27.1 40.7
86 67.9 52.2 78.2

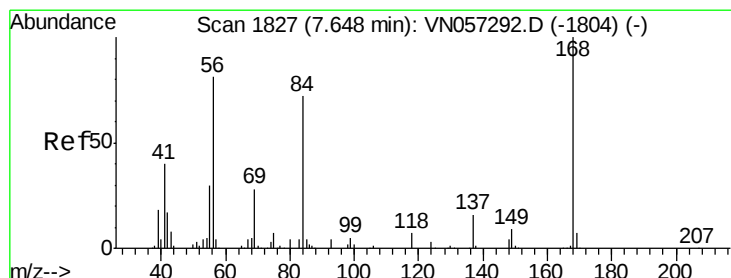
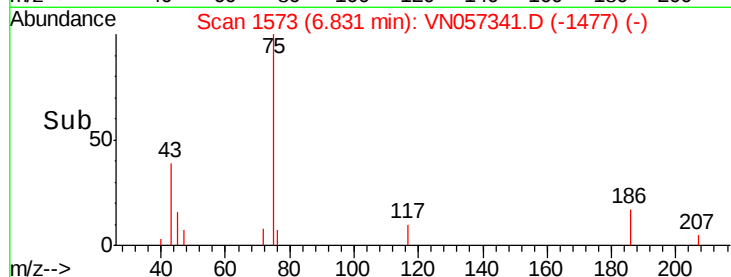
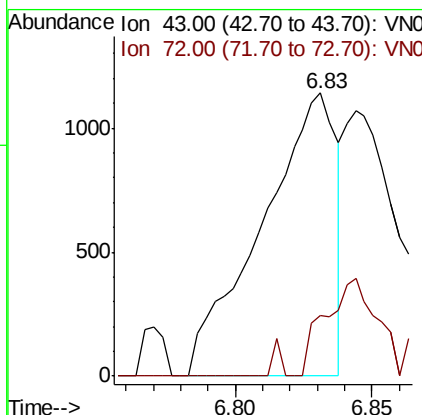
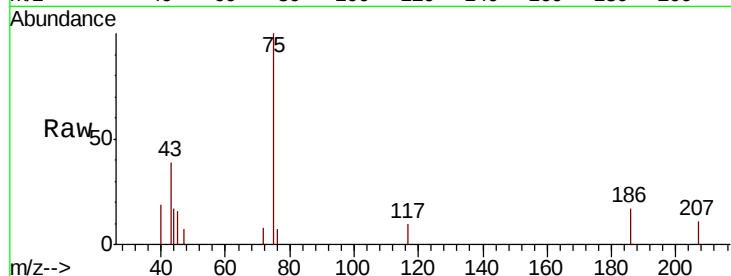




#25
2-Butanone
Concen: 0.357 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

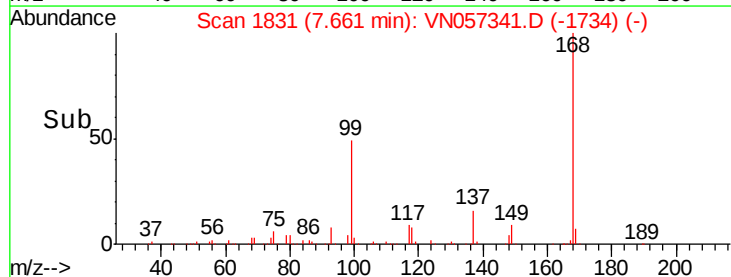
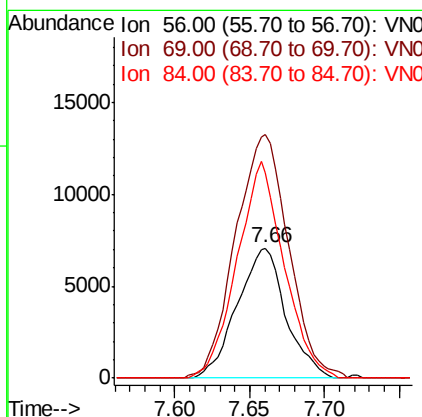
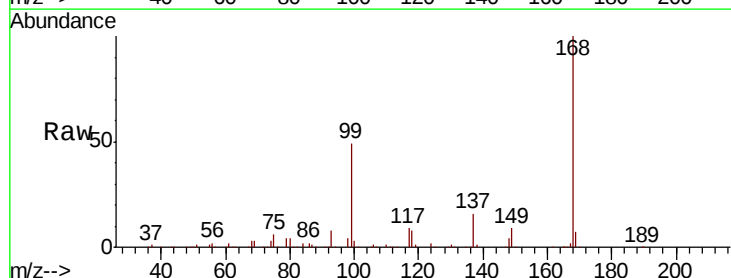
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(2)

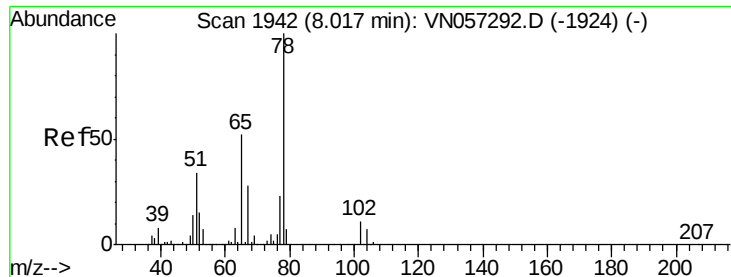
Tgt Ion: 43 Resp: 2164
Ion Ratio Lower Upper
43 100
72 21.5 21.5 32.3#



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

Tgt Ion: 56 Resp: 15990
Ion Ratio Lower Upper
56 100
69 184.7 27.3 40.9#
84 157.0 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.371 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

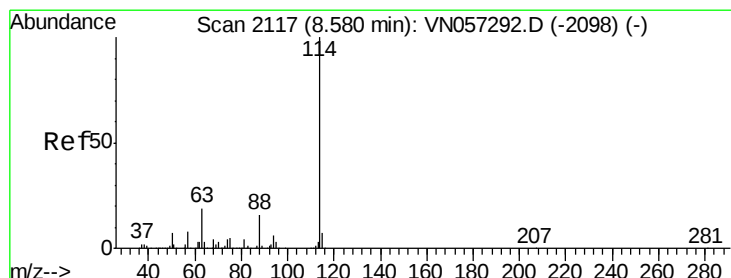
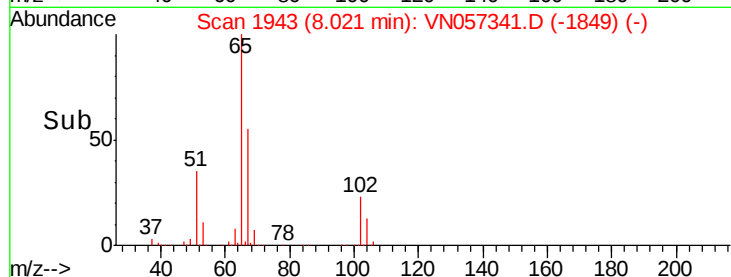
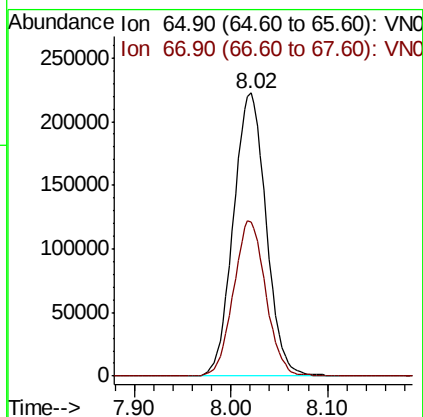
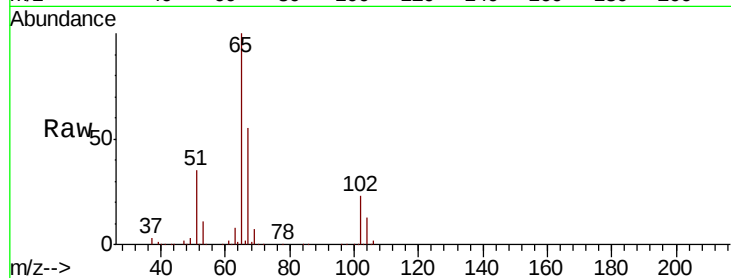
REACTOR-3-C3-(2)

Tgt Ion: 65 Resp: 522933

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

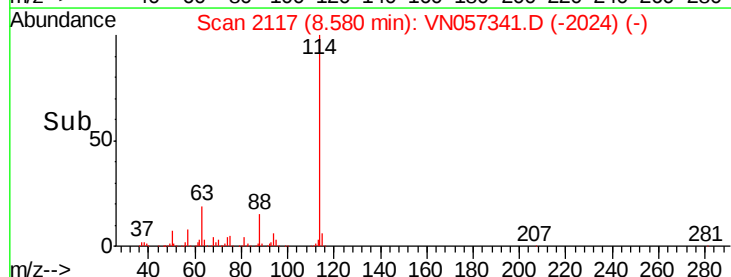
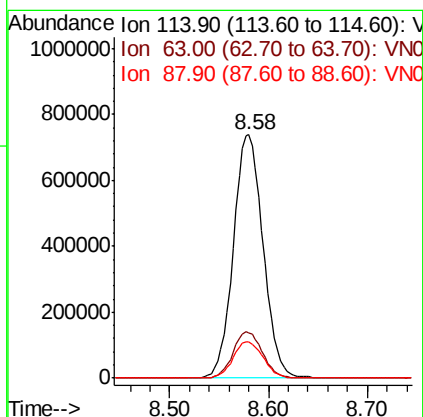
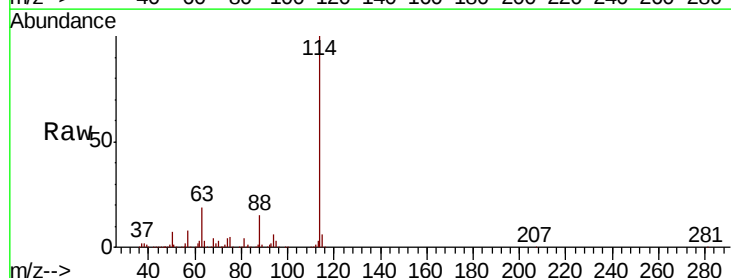
Tgt Ion: 114 Resp: 1542594

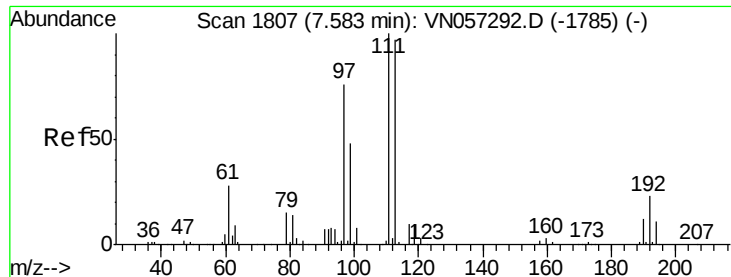
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 14.8 0.0 31.4

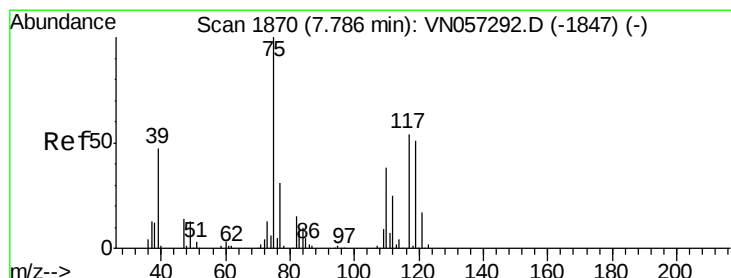
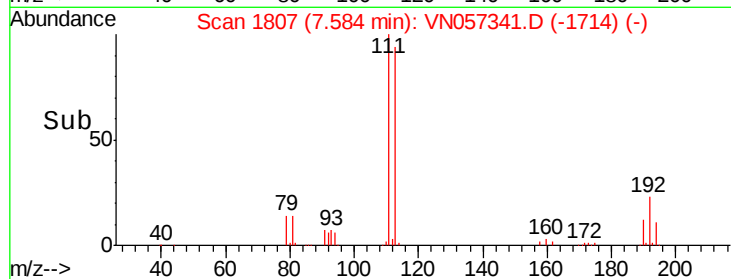
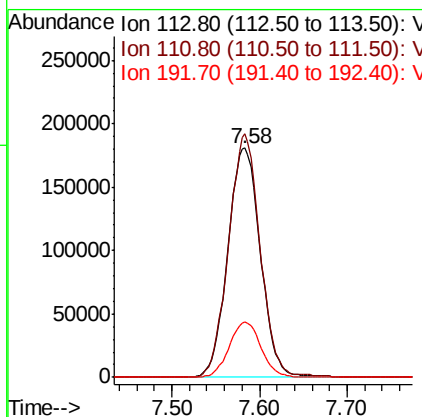
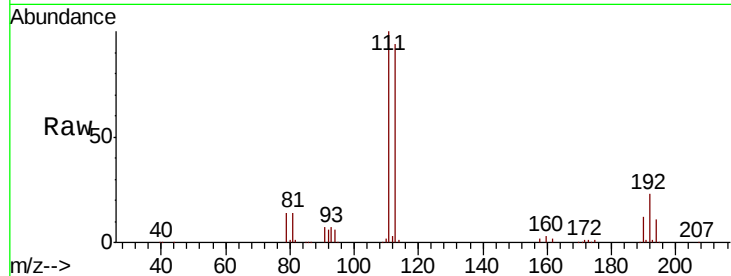




#35
 Dibromofluoromethane
 Concen: 46.336 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

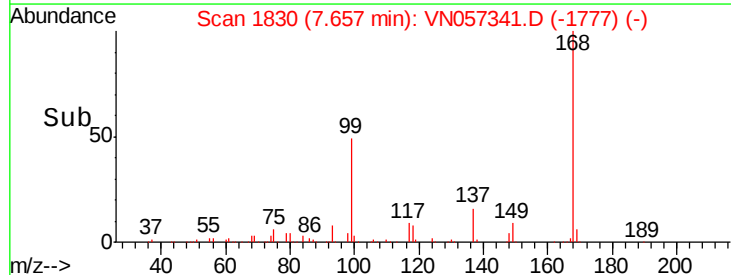
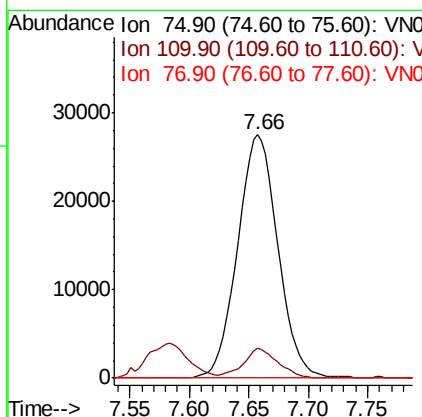
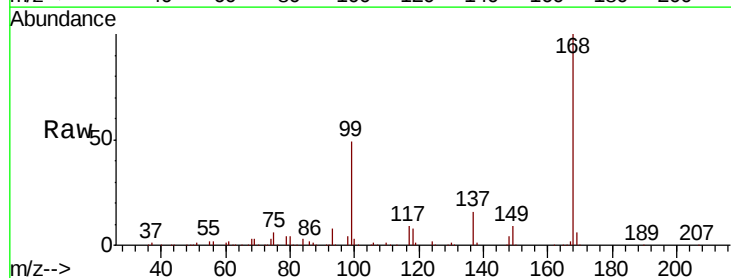
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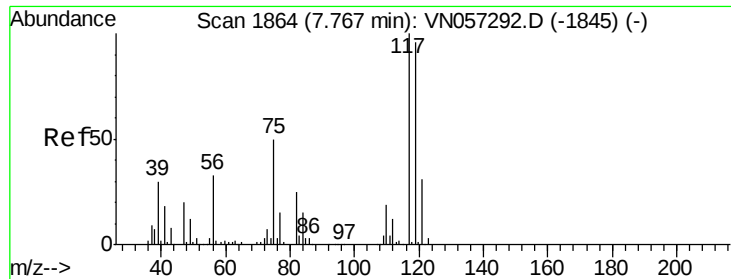
Tgt Ion:113 Resp: 468555
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 23.6 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.735 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

Tgt Ion: 75 Resp: 64497
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.5 58.5#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.708 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

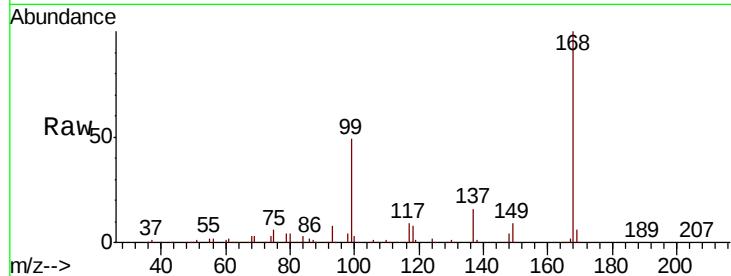
Tgt Ion:117 Resp: 94922

Ion Ratio Lower Upper

117 100

119 6.1 76.8 115.2#

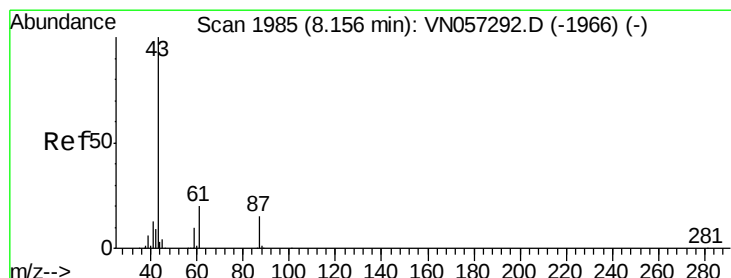
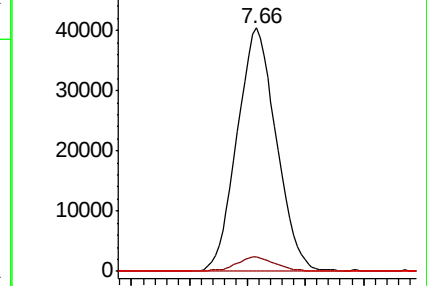
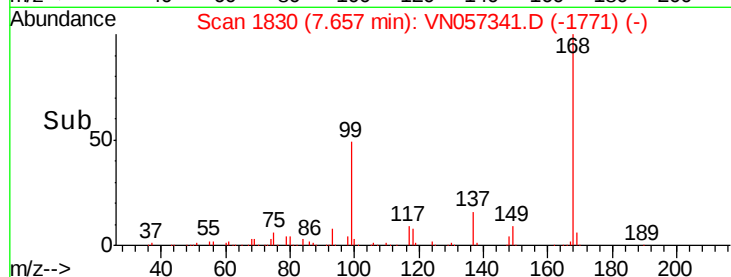
121 0.0 25.0 37.4#



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: 8.873 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

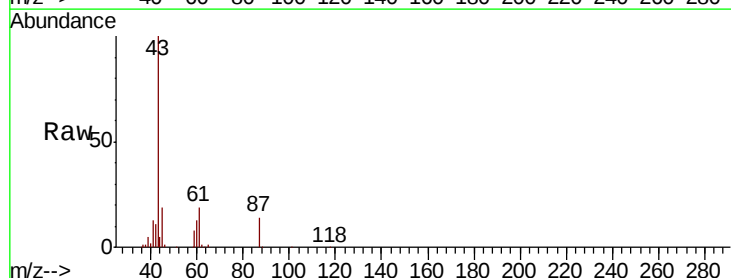
Tgt Ion: 43 Resp: 199942

Ion Ratio Lower Upper

43 100

61 15.7 21.6 32.4#

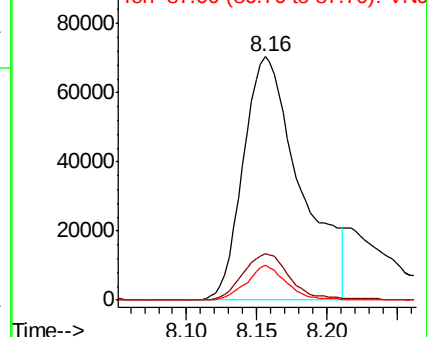
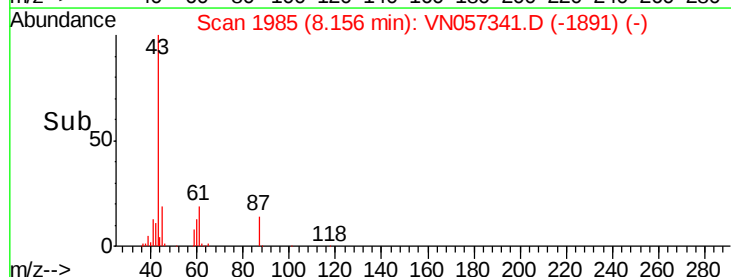
87 9.9 11.4 17.0#

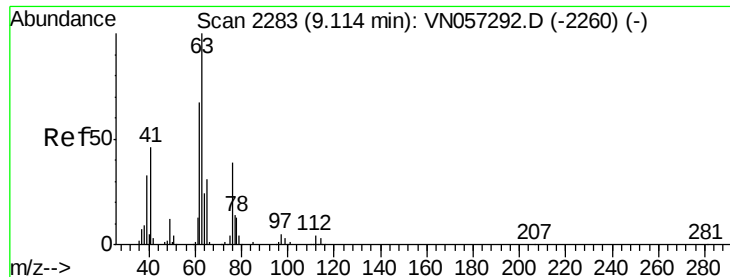


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

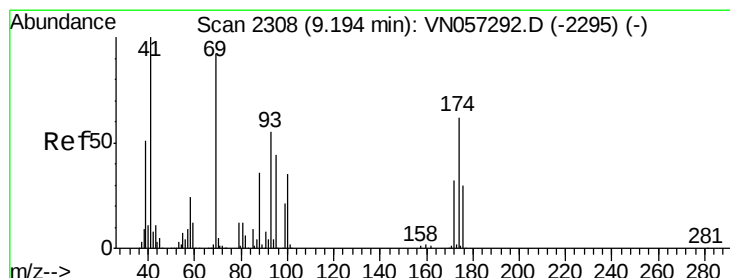
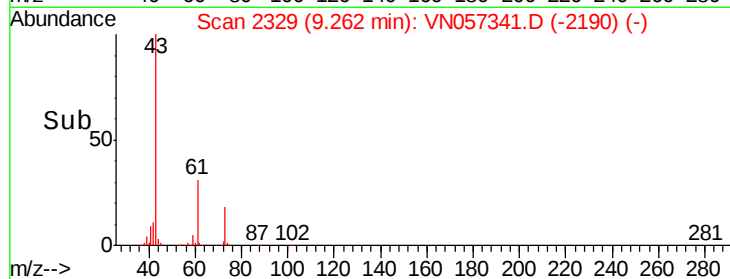
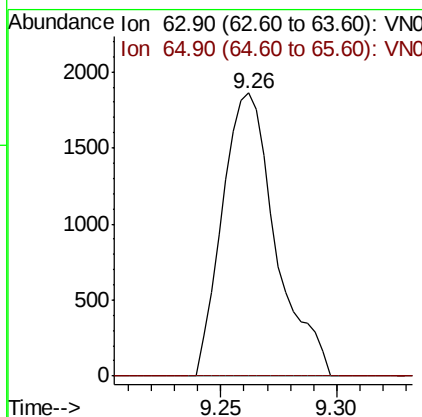
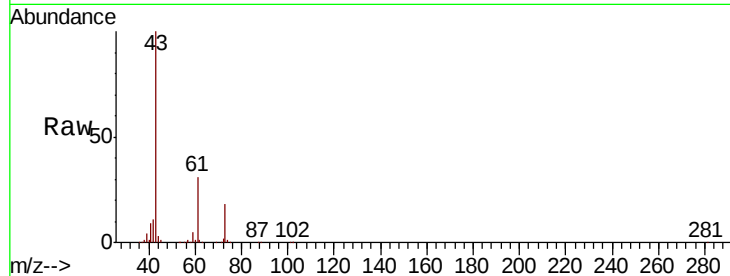




#45
 1,2-Dichloropropane
 Concen: 0.278 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

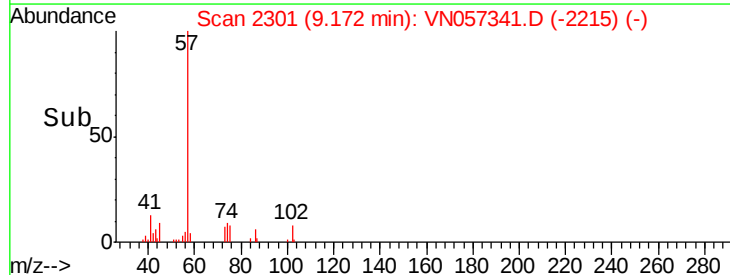
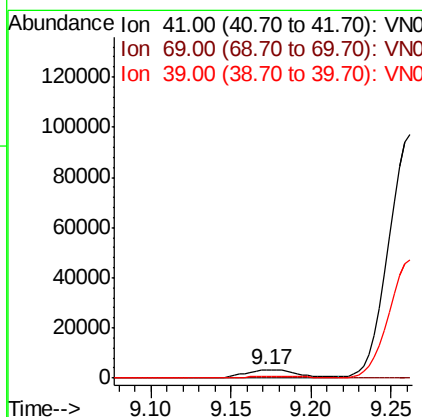
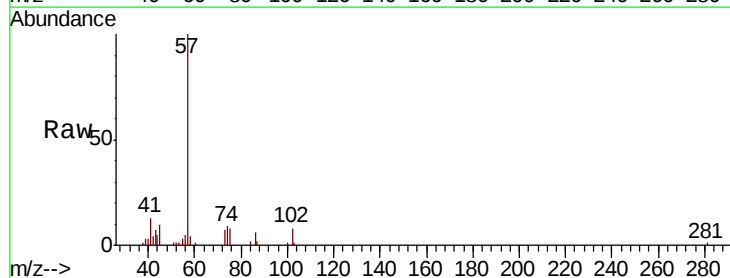
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(2)

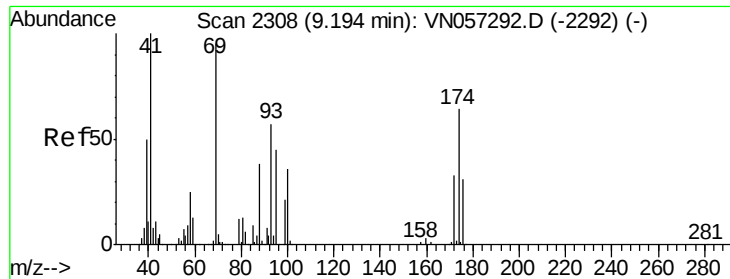
Tgt Ion: 63 Resp: 2980
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.845 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

Tgt Ion: 41 Resp: 7766
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 0.813 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

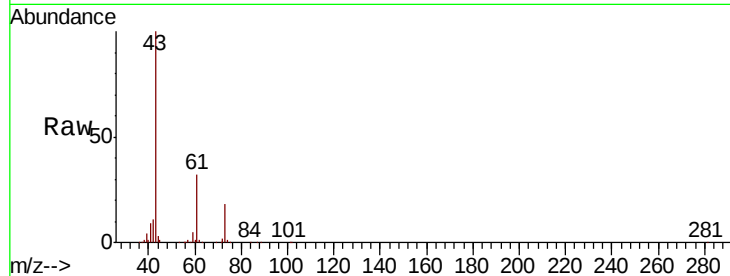
Tgt Ion: 88 Resp: 157

Ion Ratio Lower Upper

88 100

43 1285524.2 22.9 34.3#

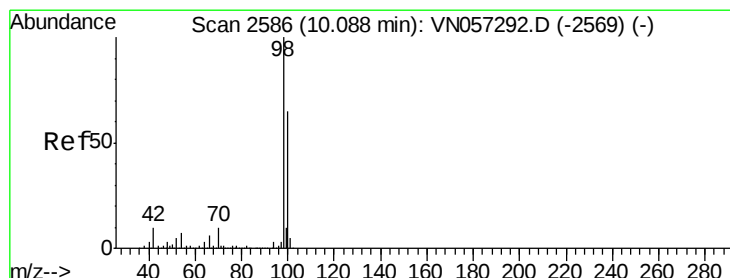
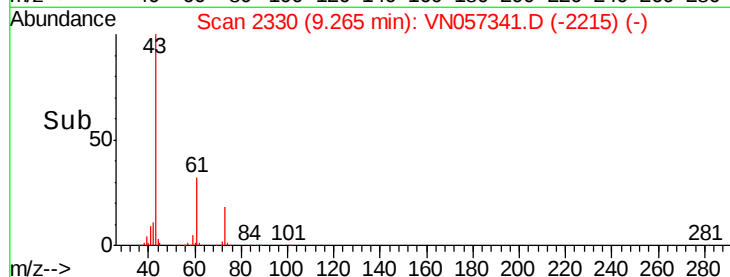
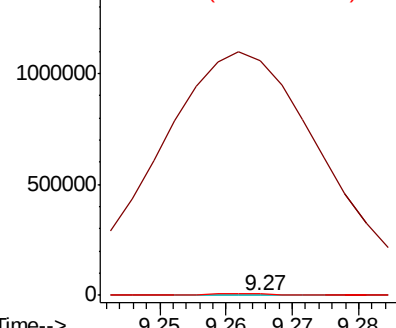
58 6231.8 52.7 79.1#



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: 48.983 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057341.D

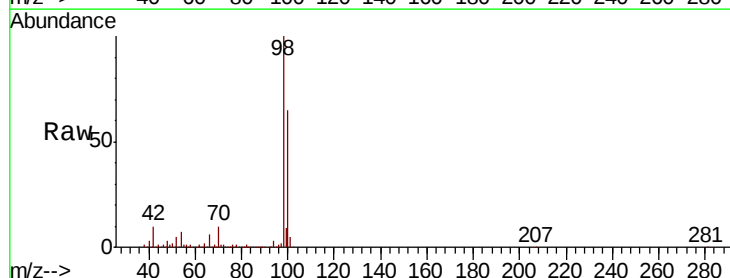
Acq: 15 Aug 2019 19:06

Tgt Ion: 98 Resp: 1811631

Ion Ratio Lower Upper

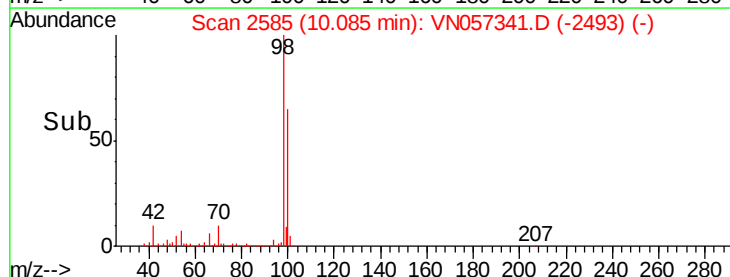
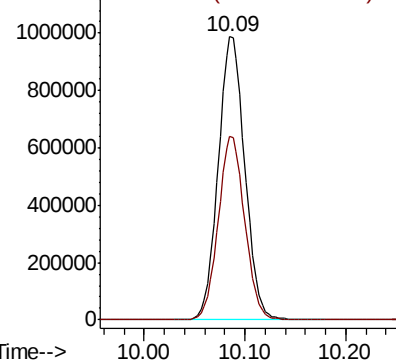
98 100

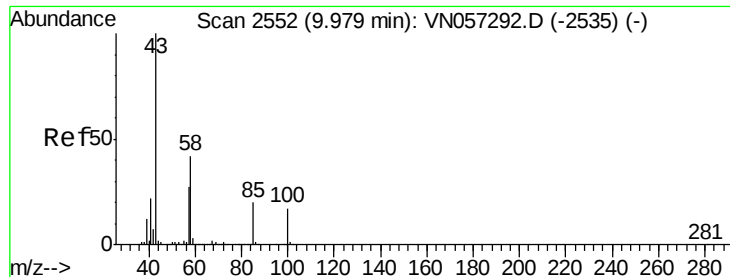
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

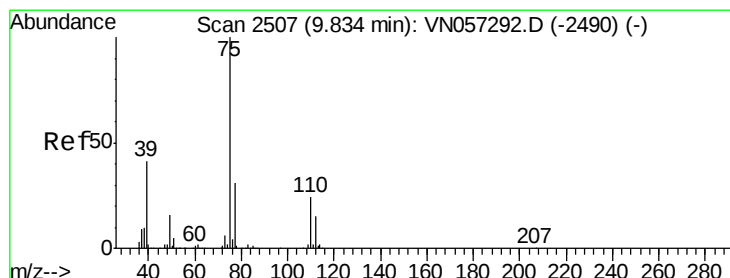
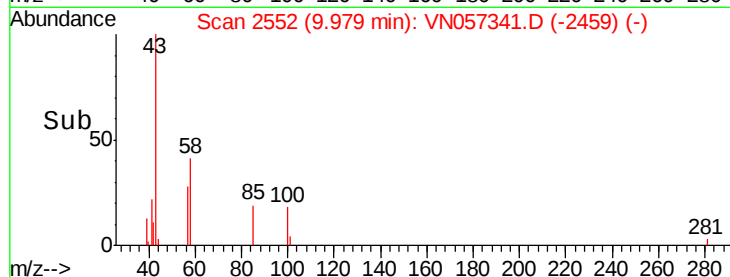
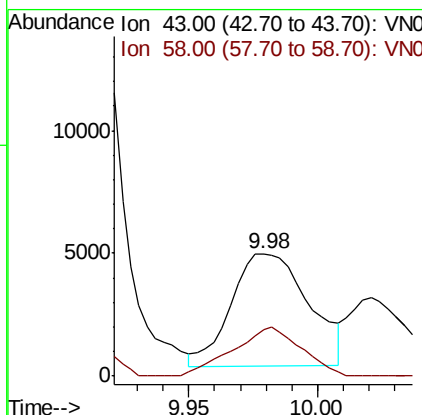
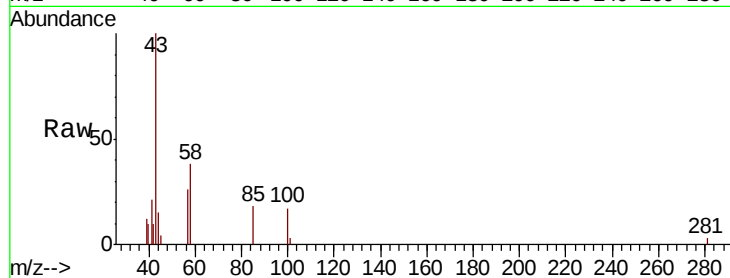




#51
 4-Methyl-2-Pentanone
 Concen: 0.841 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

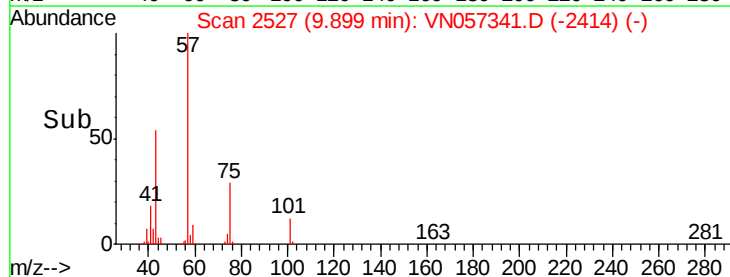
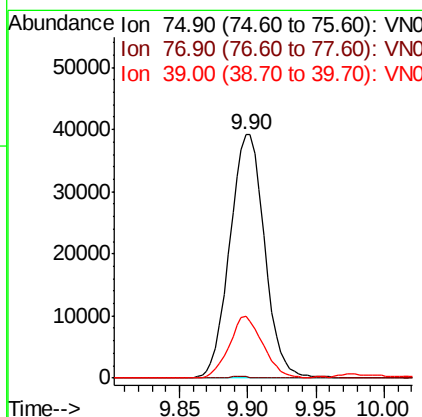
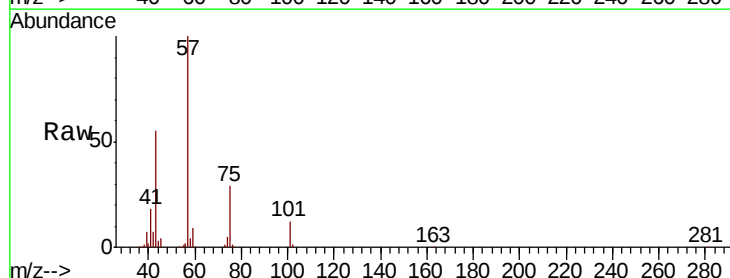
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(2)

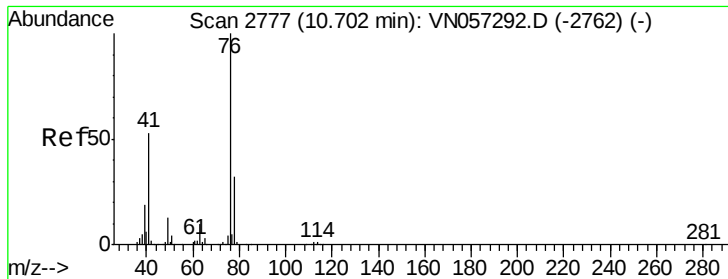
Tgt Ion: 43 Resp: 9680
 Ion Ratio Lower Upper
 43 100
 58 38.0 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.101 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

Tgt Ion: 75 Resp: 69435
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.9 37.3#
 39 25.4 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.627 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

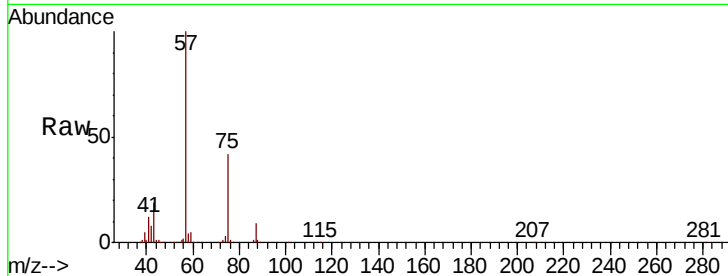
REACTOR-3-C3-(2)

Tgt Ion: 76 Resp: 10682

Ion Ratio Lower Upper

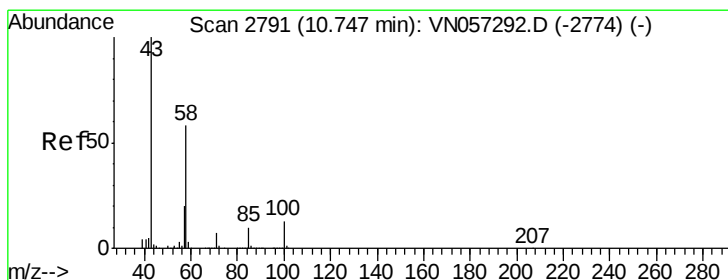
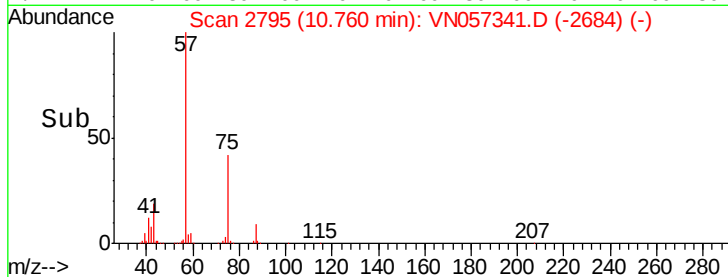
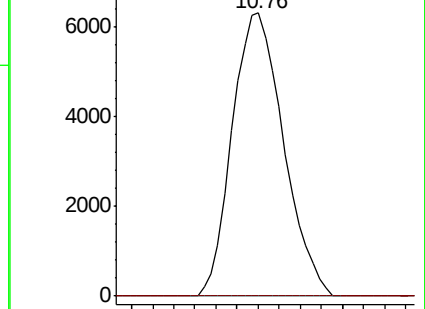
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 16.060 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057341.D

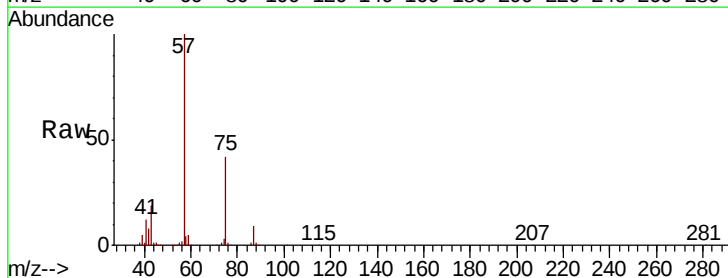
Acq: 15 Aug 2019 19:06

Tgt Ion: 43 Resp: 132873

Ion Ratio Lower Upper

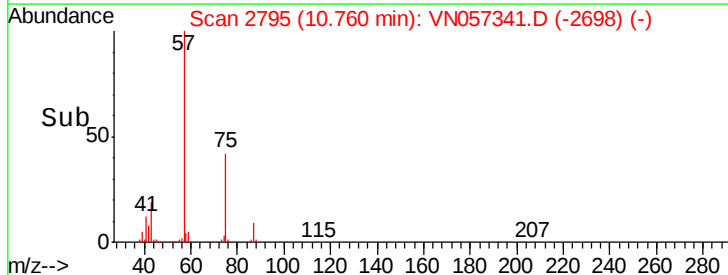
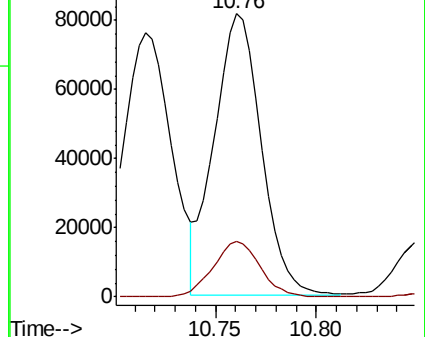
43 100

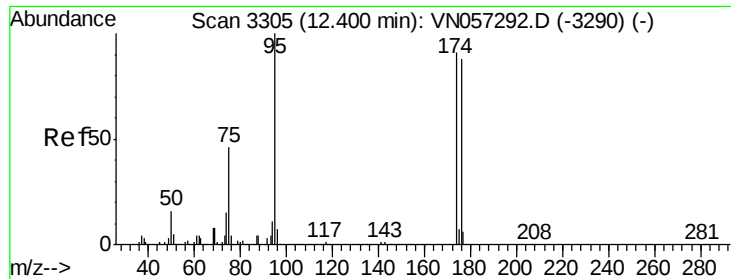
58 19.7 28.6 85.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.279 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

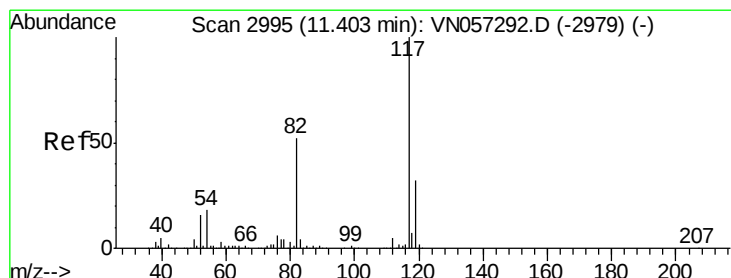
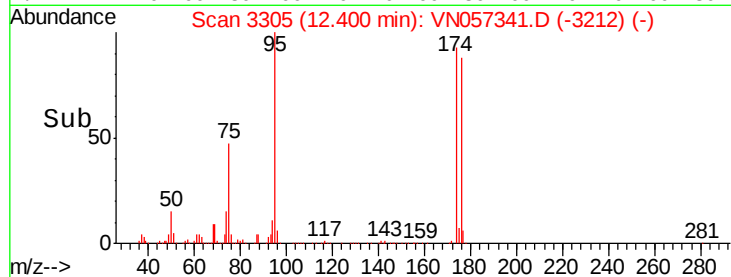
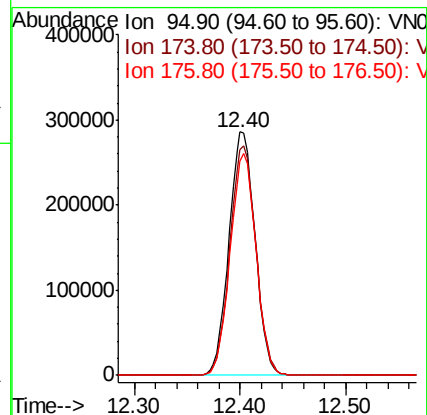
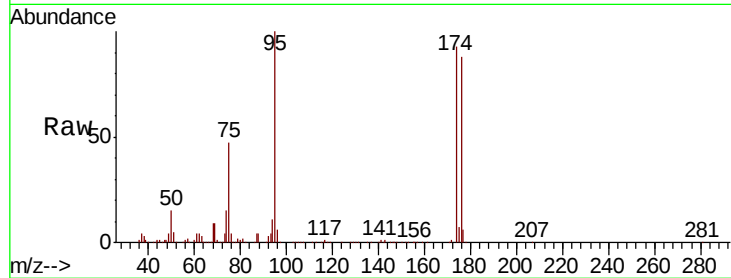
Tgt Ion: 95 Resp: 487250

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

176 90.4 0.0 181.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

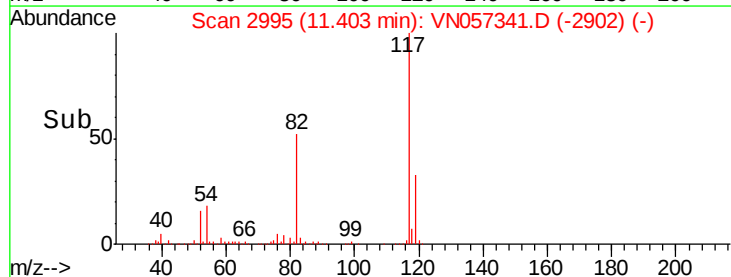
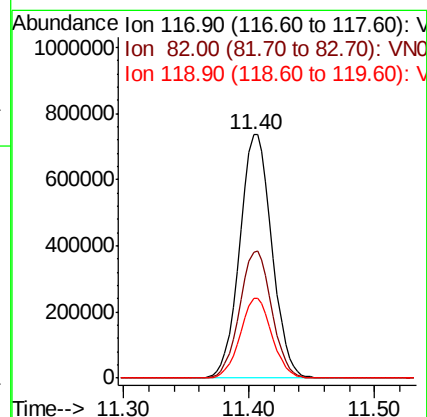
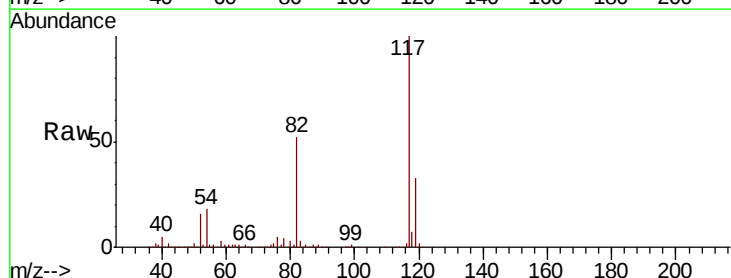
Tgt Ion: 117 Resp: 1310327

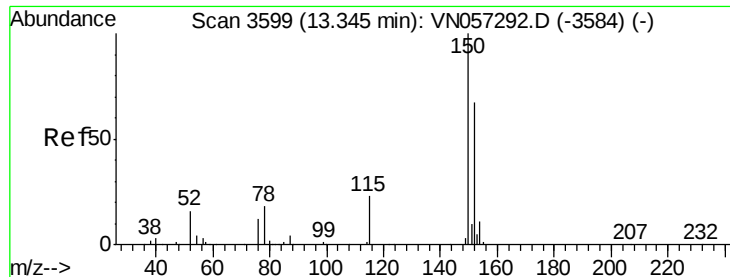
Ion Ratio Lower Upper

117 100

82 51.8 41.2 61.8

119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

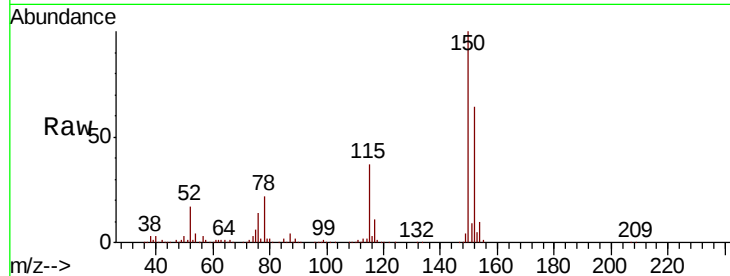
Tgt Ion:152 Resp: 347227

Ion Ratio Lower Upper

152 100

115 56.1 27.3 81.9

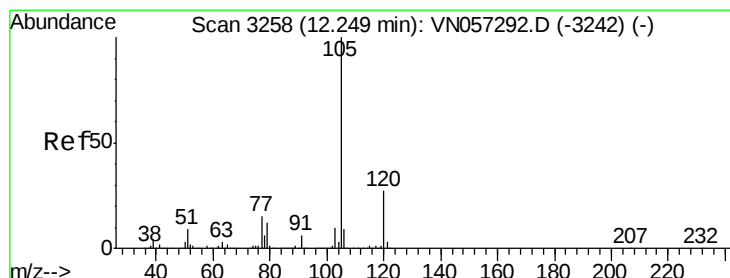
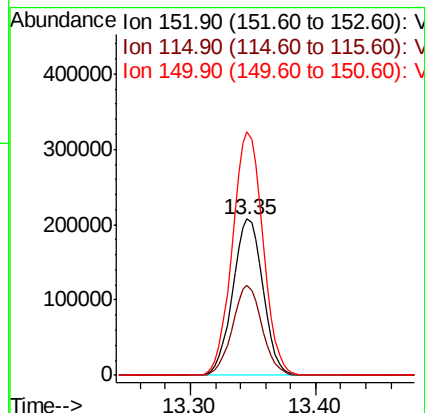
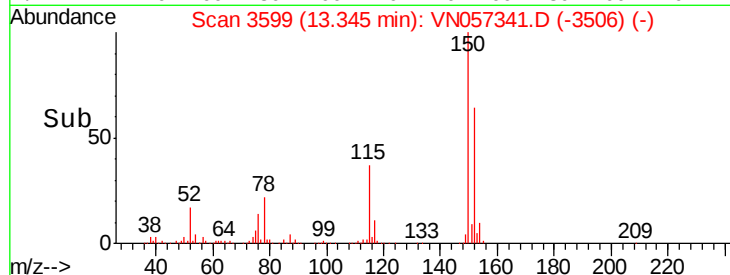
150 156.8 0.0 344.4



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# 3257

Delta R.T. -0.00 min

Lab File: VN057341.D

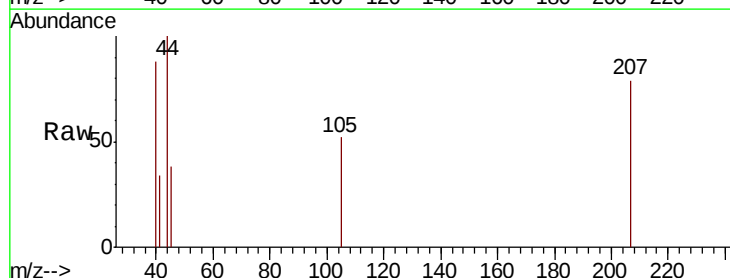
Acq: 15 Aug 2019 19:06

Tgt Ion:105 Resp: 236

Ion Ratio Lower Upper

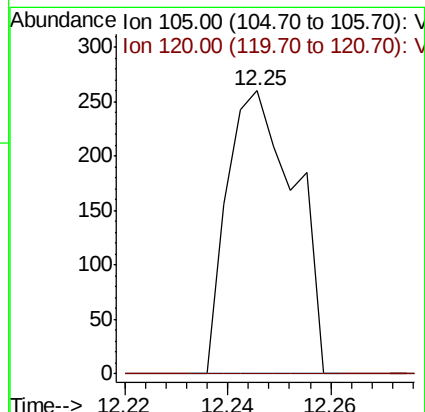
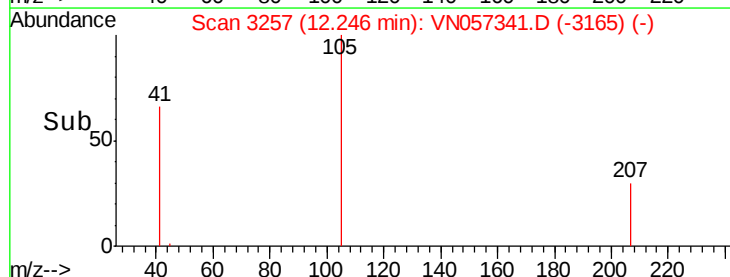
105 100

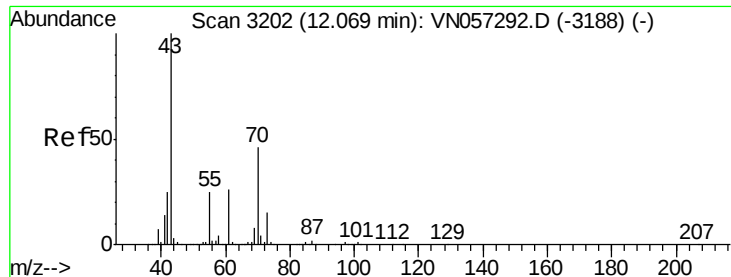
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.485 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

Tgt Ion: 43 Resp: 4887

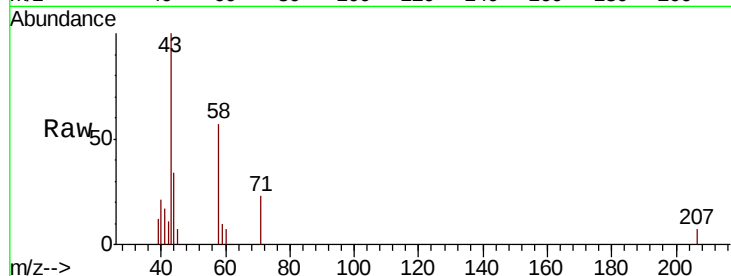
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 0.0 20.1 30.1#

61 0.0 20.9 31.3#

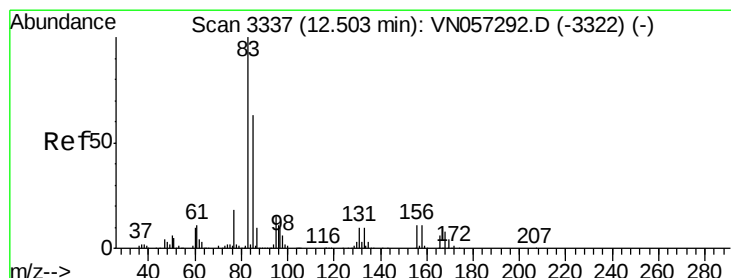
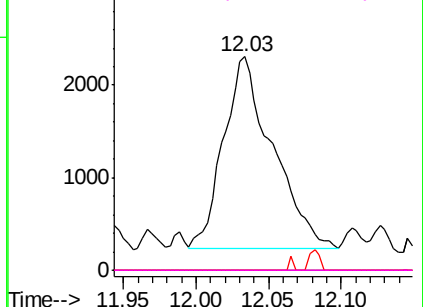
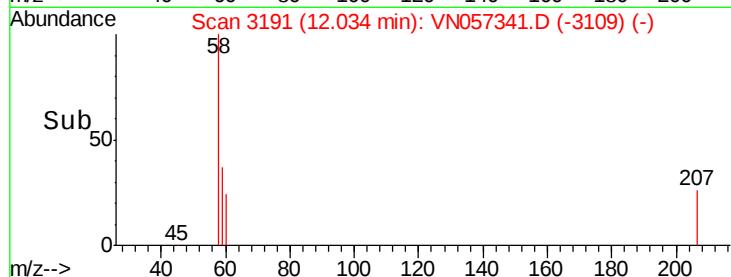


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

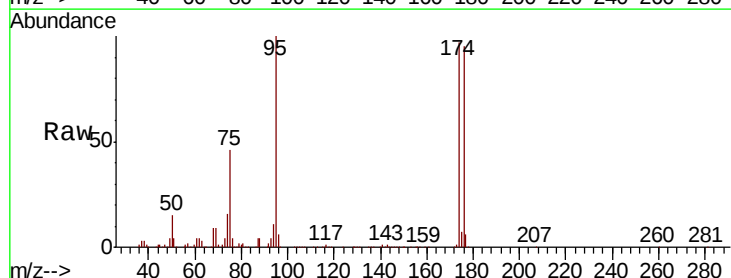
Tgt Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

131 855.2 5.4 16.2#

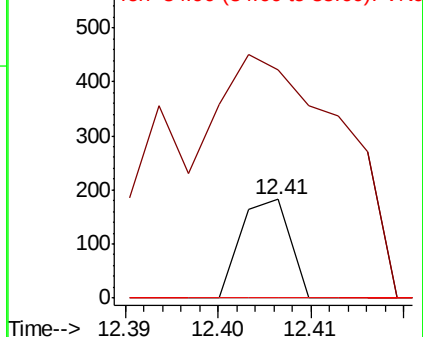
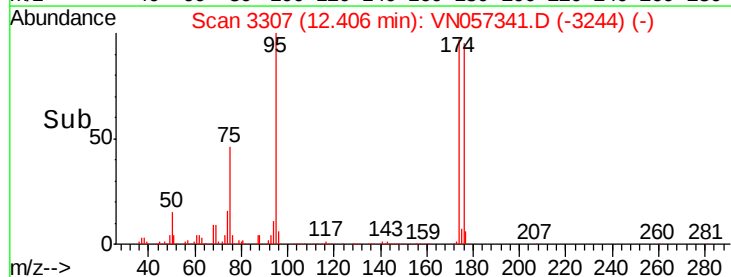
85 0.0 32.3 96.9#

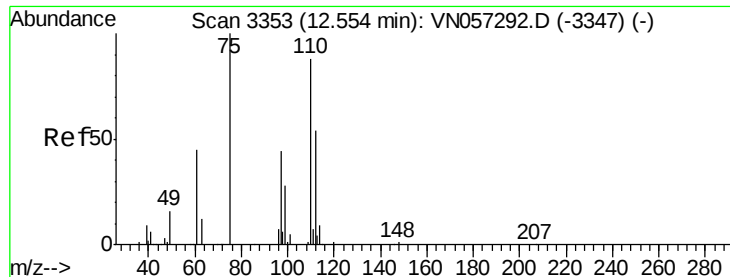


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 32.728 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

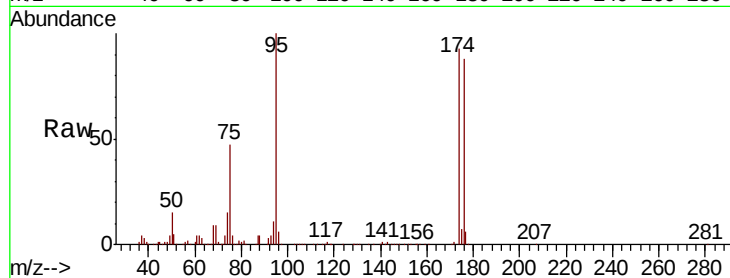
REACTOR-3-C3-(2)

Tgt Ion: 75 Resp: 228167

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057341.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057341.D (-3260) (-)

12.40

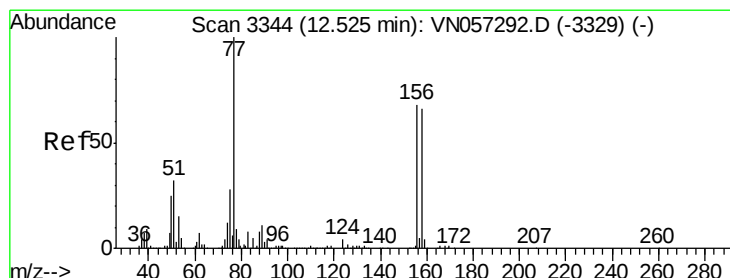
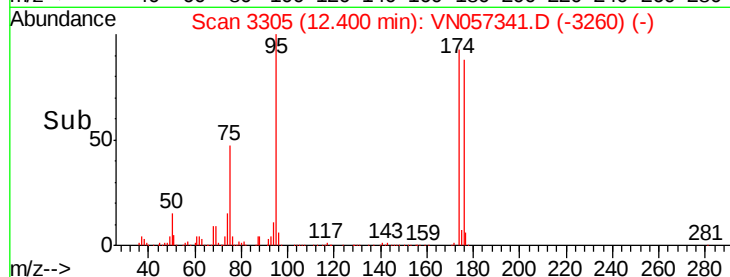
150000

100000

50000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.12 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

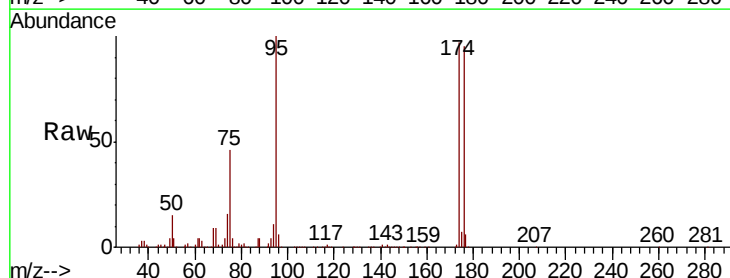
Tgt Ion: 156 Resp: 166

Ion Ratio Lower Upper

156 100

77 1419.3 89.8 269.6#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): VN057341.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN057341.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN057341.D (-3251) (-)

12.41

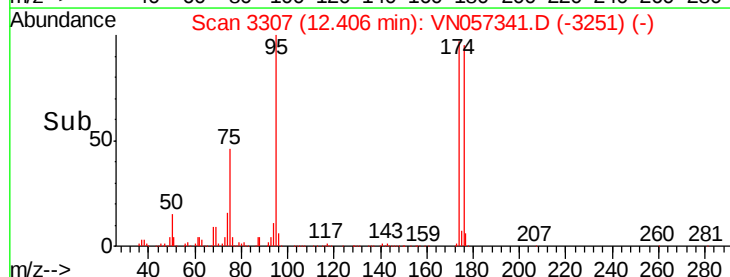
1500

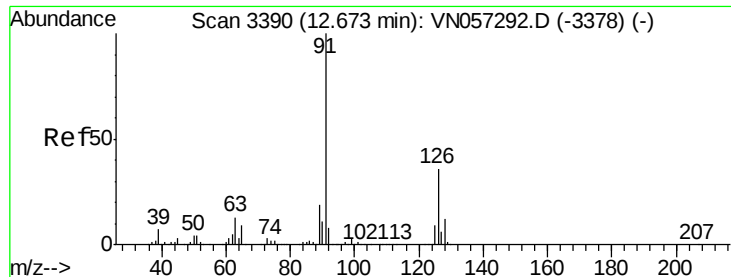
1000

500

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

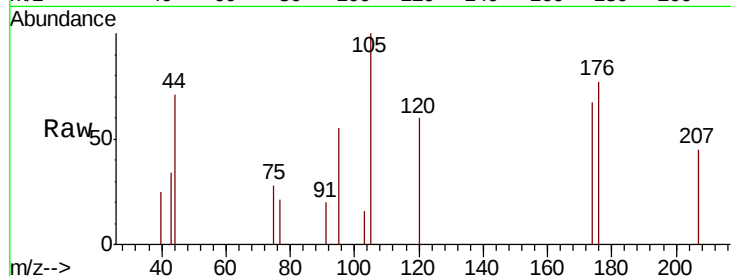
REACTOR-3-C3-(2)

Tgt Ion: 91 Resp: 149

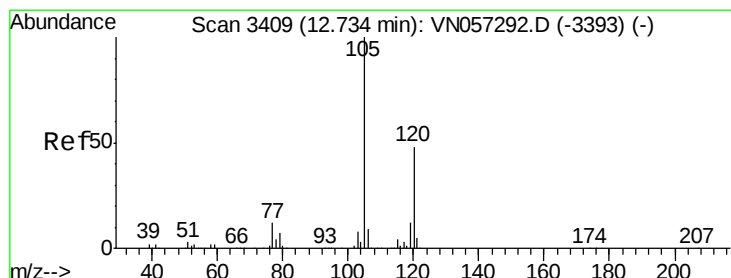
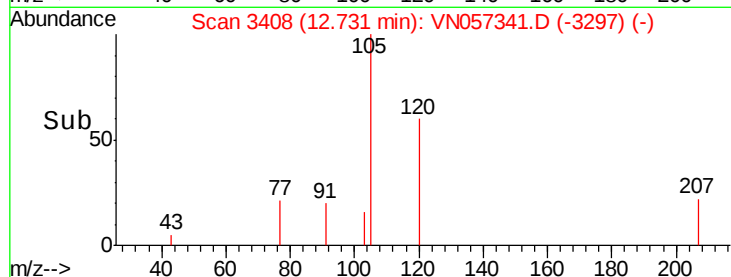
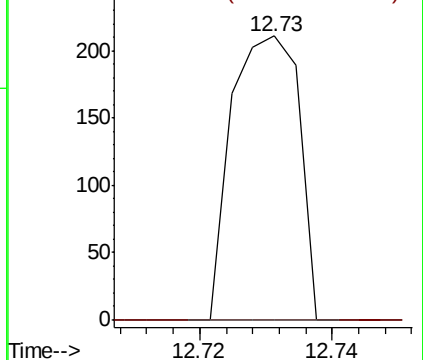
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057341.D

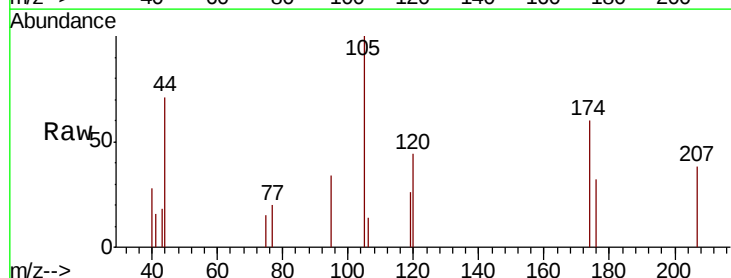
Acq: 15 Aug 2019 19:06

Tgt Ion: 105 Resp: 2044

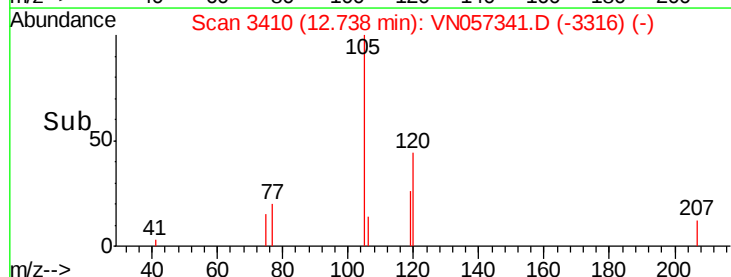
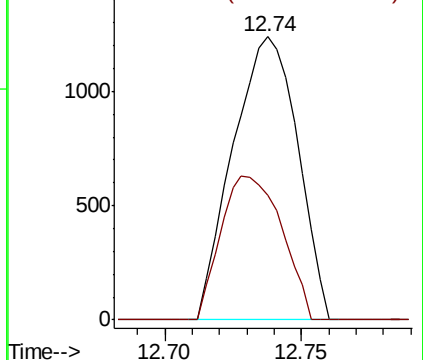
Ion Ratio Lower Upper

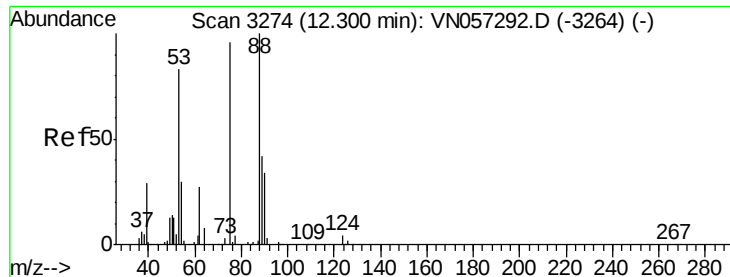
105 100

120 47.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.127 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

REACTOR-3-C3-(2)

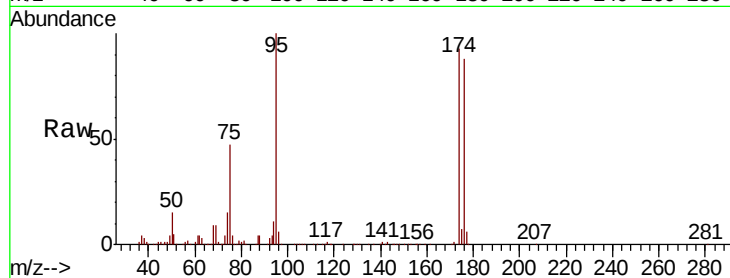
Tgt Ion: 75 Resp: 228167

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

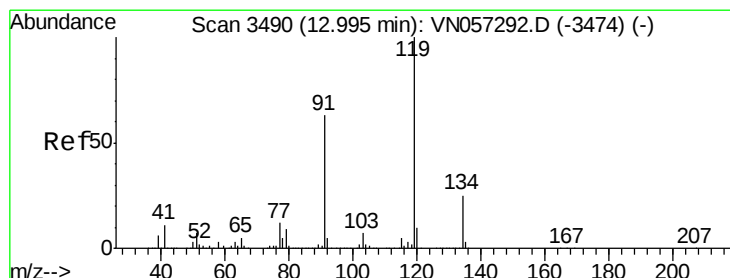
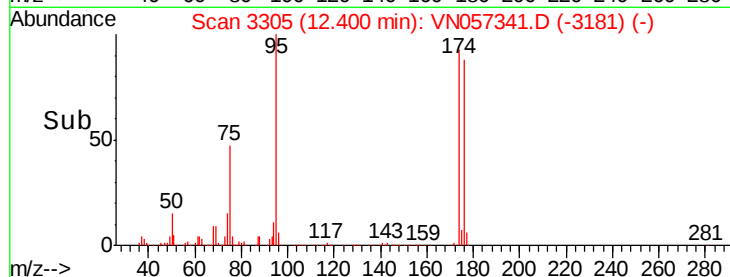
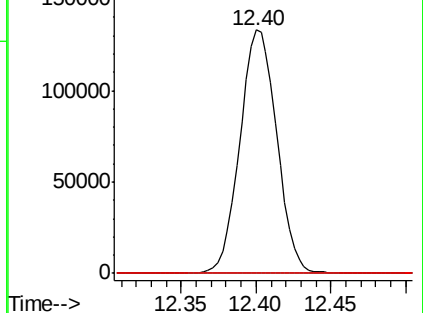
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057341.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057341.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057341.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

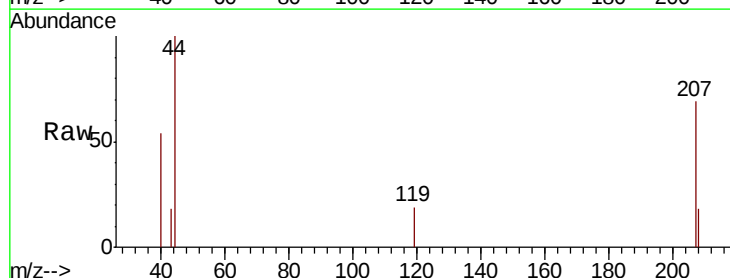
Tgt Ion: 119 Resp: 62

Ion Ratio Lower Upper

119 100

91 0.0 31.3 93.8#

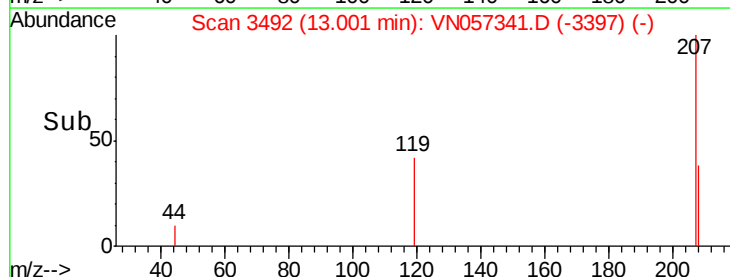
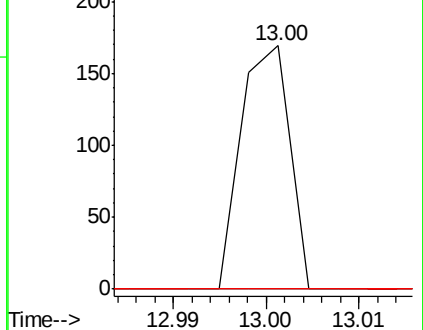
134 0.0 13.1 39.1#

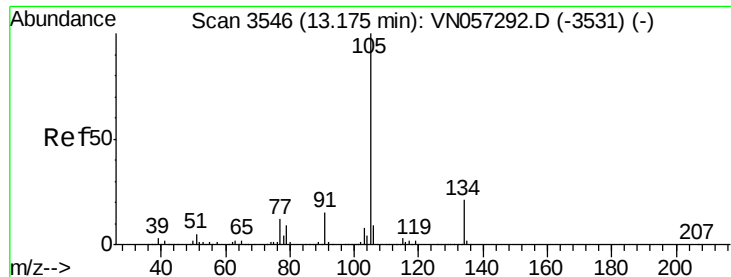


Abundance Ion 119.00 (118.70 to 119.70): VN057341.D (-3397) (-)

Ion 91.00 (90.70 to 91.70): VN057341.D (-3397) (-)

Ion 134.00 (133.70 to 134.70): VN057341.D (-3397) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

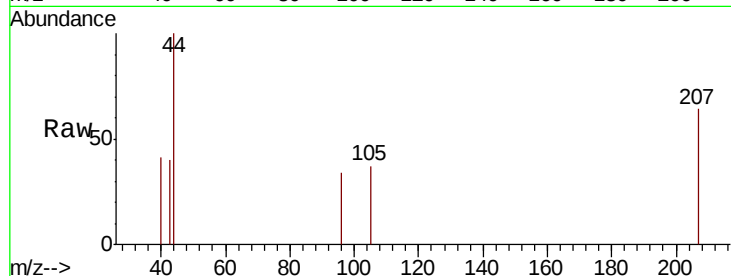
REACTOR-3-C3-(2)

Tgt Ion:105 Resp: 273

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.18

250

200

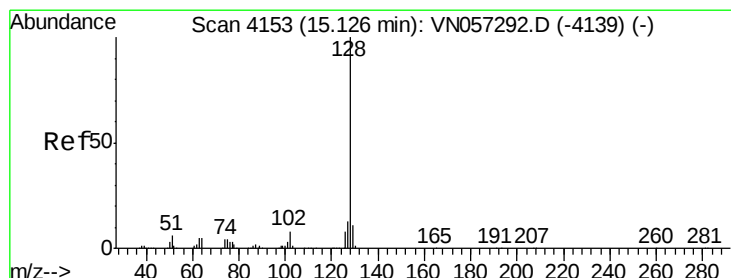
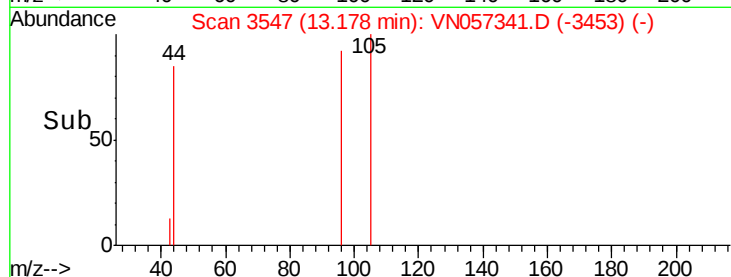
150

100

50

0

Time-->



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

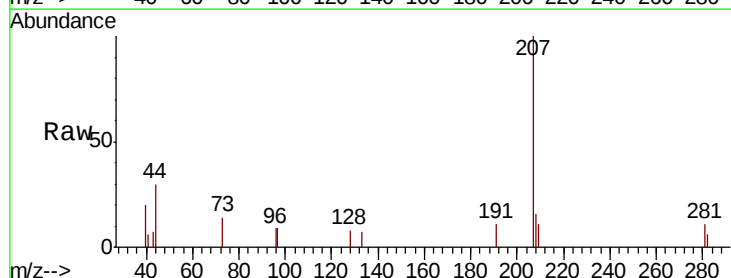
Tgt Ion:128 Resp: 176

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

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

15.13

250

200

150

100

50

0

Time-->

