

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057421.D
 Acq On : 20 Aug 2019 00:49
 Operator : JC/SP
 Sample : K4386-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(2)

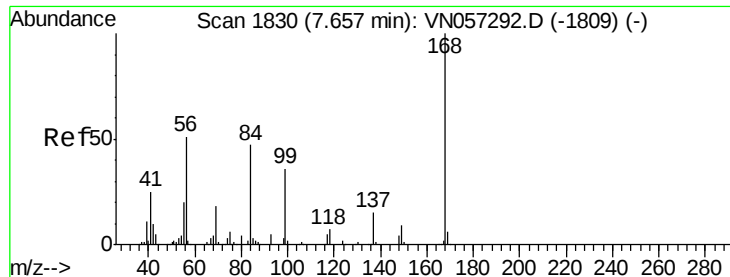
Quant Time: Aug 20 08:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1037414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1429310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1172037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	472138	41.86	ug/l	0.00
Spiked Amount			Recovery	=	83.72%	
35) Dibromofluoromethane	7.58	113	430782	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	10.09	98	1640047	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	428513	35.38	ug/l	0.00
Spiked Amount			Recovery	=	70.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	2570	1.603	ug/l #	73
16) Acetone	3.81	43	12512	3.198	ug/l	96
18) Methyl Acetate	4.32	43	22344	Below Cal	#	71
20) Methylene Chloride	4.55	84	7289	0.666	ug/l #	83
25) 2-Butanone	6.83	43	2989	0.528	ug/l #	86
31) Cyclohexane	7.66	56	14322	0.932	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	60826	4.820	ug/l #	48
38) Carbon Tetrachloride	7.66	117	87219	6.652	ug/l #	16
43) Isopropyl Acetate	8.16	43	203427	9.856	ug/l #	78
48) Methyl methacrylate	9.18	41	7044	0.828	ug/l #	11
49) 1,4-Dioxane	9.26	88	165	0.922	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8367	0.785	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	59460	3.791	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	8869	0.562	ug/l #	43
59) 2-Hexanone	10.76	43	107943	14.080	ug/l #	51
71) Bromoform	12.41	173	2385	0.330	ug/l #	1
73) Isopropylbenzene	12.25	105	555	Below Cal	#	49
74) N-amyl acetate	12.03	43	5632	0.633	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	344	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	196142	31.794	ug/l #	100
77) Bromobenzene	12.53	156	166	Below Cal	#	63
79) 2-Chlorotoluene	12.67	91	624	Below Cal	#	48
80) 1,3,5-Trimethylbenzene	12.73	105	1744	Below Cal	#	98
81) trans-1,4-Dichloro-2-buten	12.40	75	196142	77.967	ug/l #	15
83) tert-Butylbenzene	12.99	119	164	Below Cal	#	15
85) sec-Butylbenzene	13.17	105	570	Below Cal	#	96
93) 1,2,4-Trichlorobenzene	14.91	180	901	5.557	ug/l #	85
94) Hexachlorobutadiene	15.01	225	278	Below Cal	#	54
95) Naphthalene	15.13	128	1066	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	458	Below Cal	#	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057421.D

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MSVOA_N

ClientSampleId :

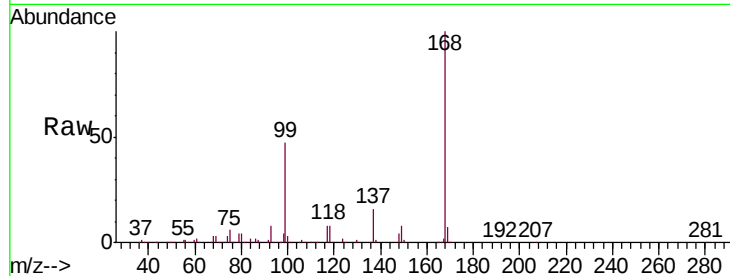
T8-E1-(2)

Tgt Ion:168 Resp: 1037414

Ion Ratio Lower Upper

168 100

99 47.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

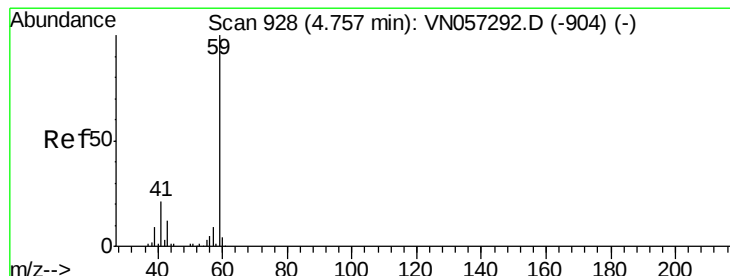
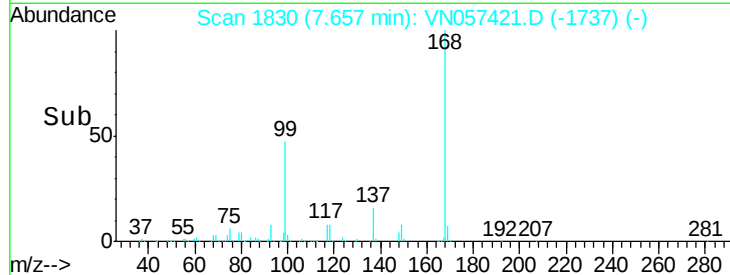
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.603 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.03 min

Lab File: VN057421.D

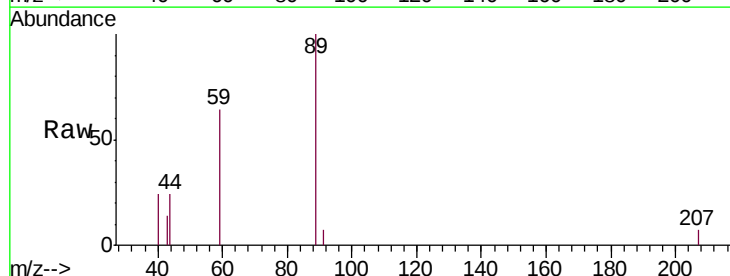
Acq: 20 Aug 2019 00:49

Tgt Ion: 59 Resp: 2570

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

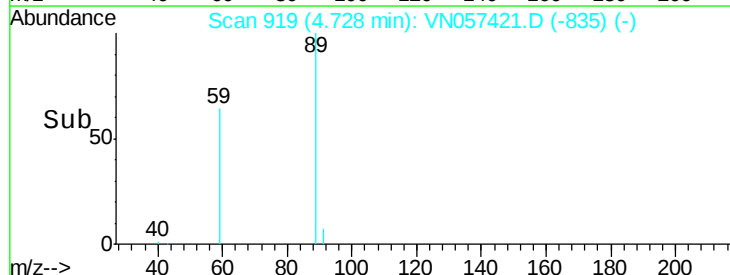
1500

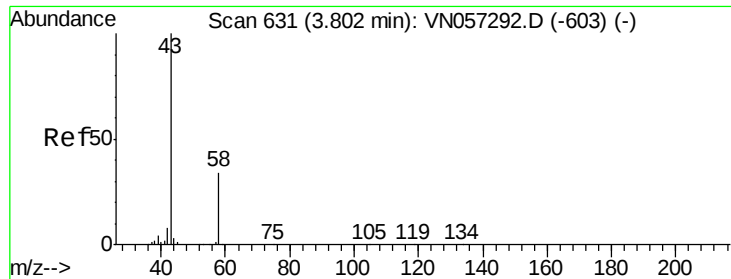
1000

500

0

Time--> 4.65 4.70 4.75





#16

Acetone

Concen: 3.198 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampled :

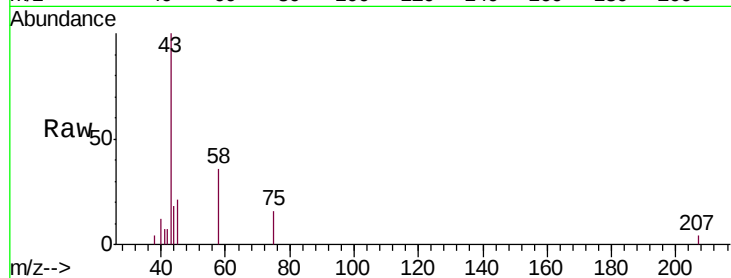
T8-E1-(2)

Tgt Ion: 43 Resp: 12512

Ion Ratio Lower Upper

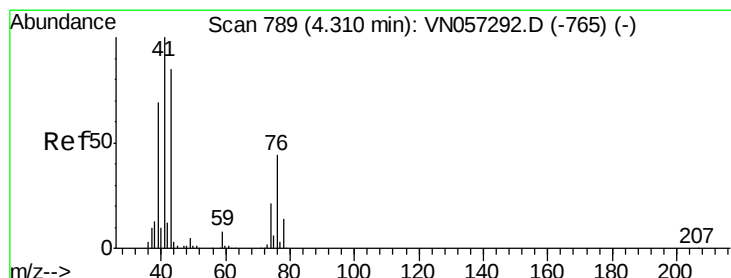
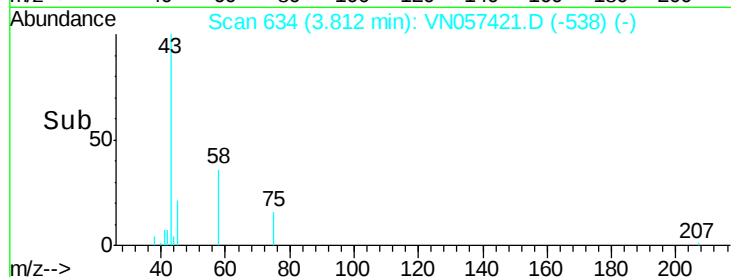
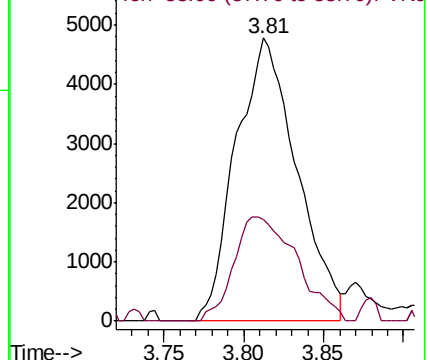
43 100

58 36.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057421.D

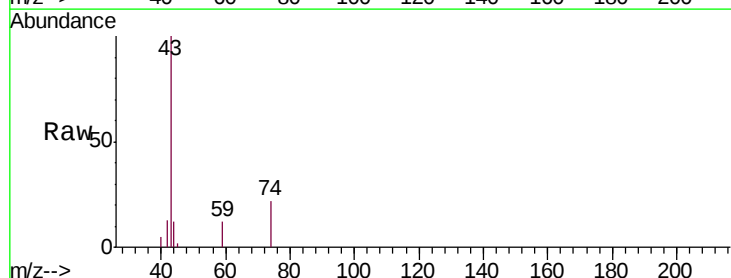
Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 22344

Ion Ratio Lower Upper

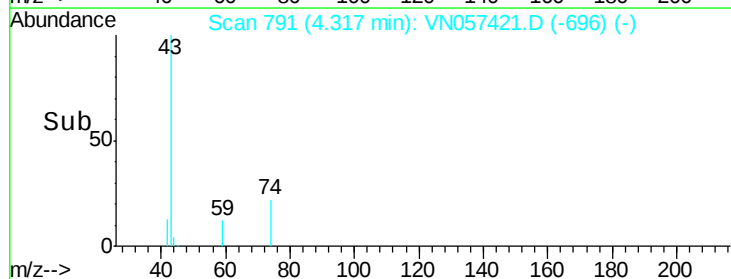
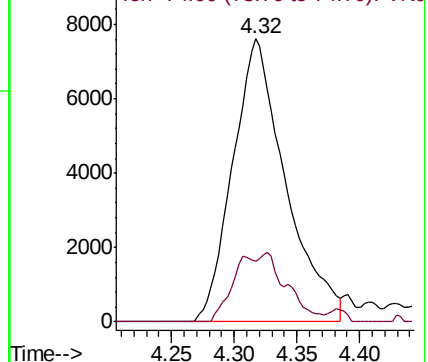
43 100

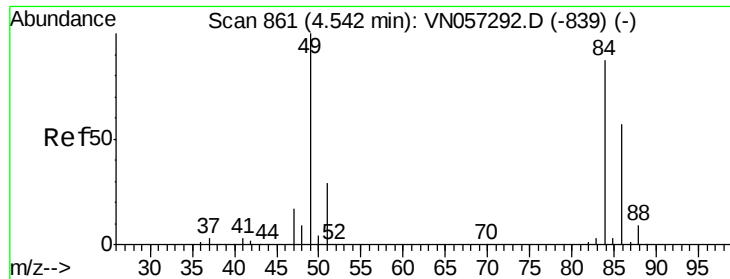
74 10.6 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

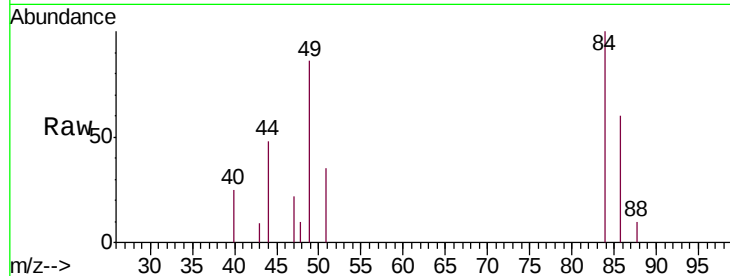




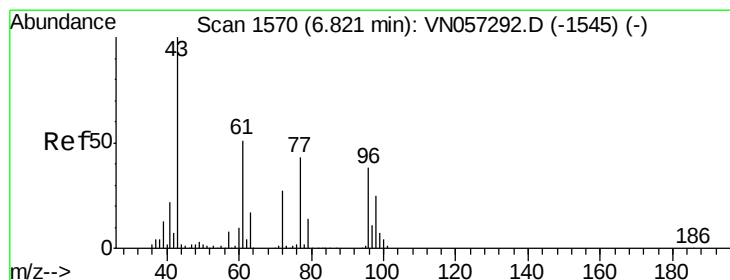
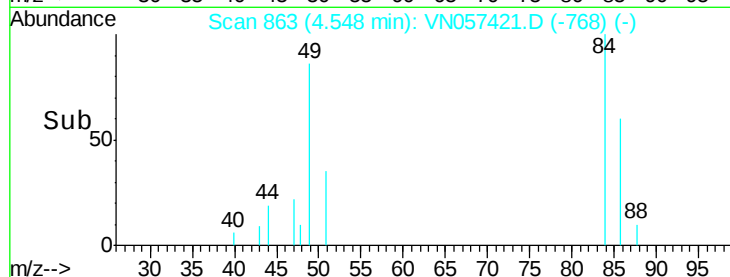
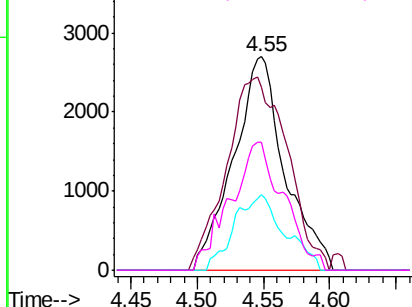
#20
Methylene Chloride
Concen: 0.666 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Instrument :
MSVOA_N
ClientSampled :
T8-E1-(2)

Tgt Ion: 84 Resp: 7289
Ion Ratio Lower Upper
84 100
49 86.0 92.0 138.0#
51 35.1 27.1 40.7
86 60.2 52.2 78.2

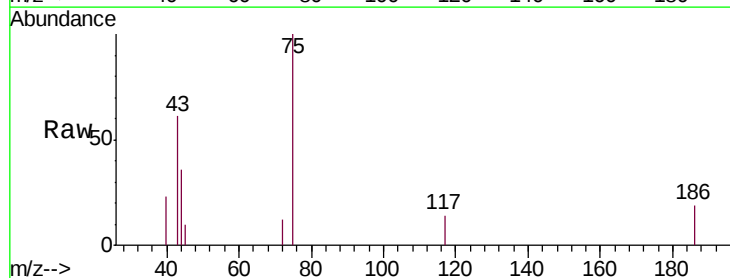


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

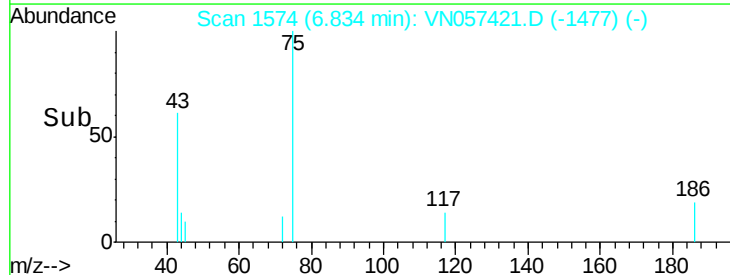
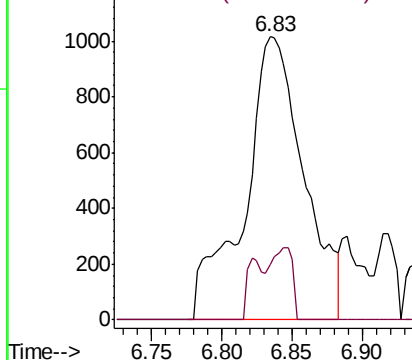


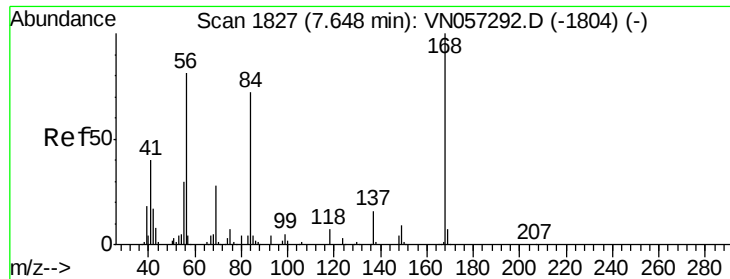
#25
2-Butanone
Concen: 0.528 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 2989
Ion Ratio Lower Upper
43 100
72 19.6 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

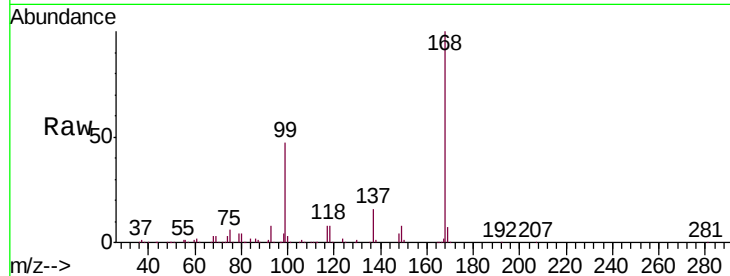




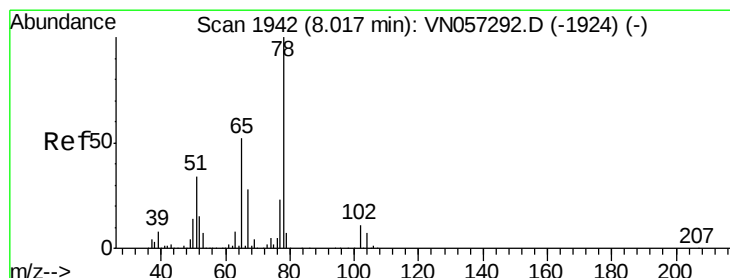
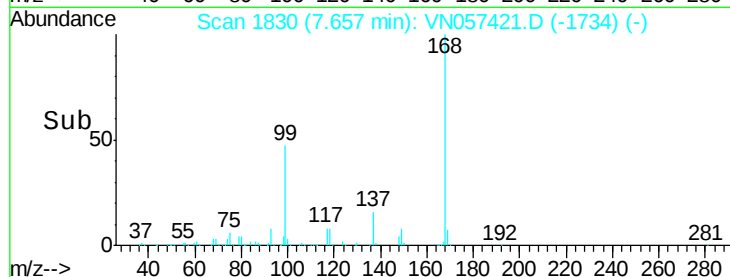
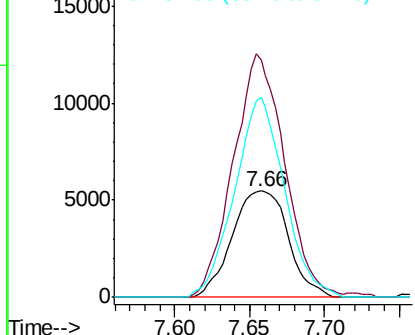
#31
Cyclohexane
Concen: 0.932 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Instrument :
MSVOA_N
ClientSampled :
T8-E1-(2)

Tgt Ion: 56 Resp: 14322
Ion Ratio Lower Upper
56 100
69 223.0 27.3 40.9#
84 188.3 71.0 106.6#

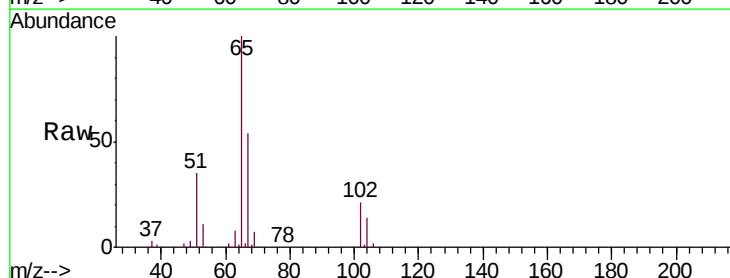


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

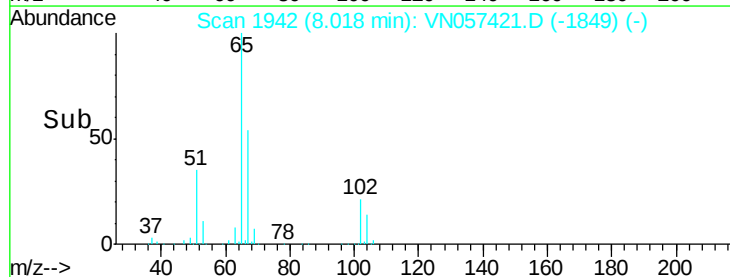
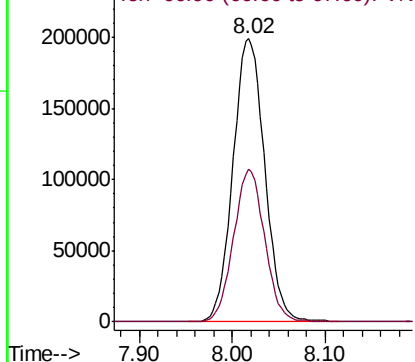


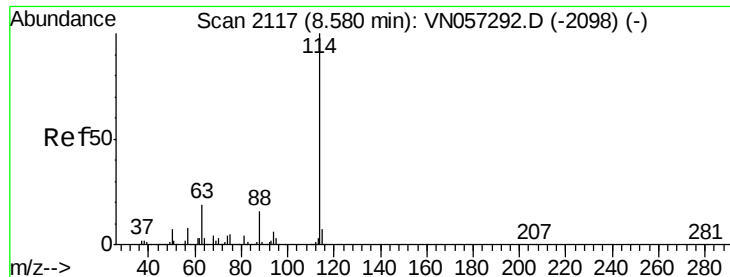
#33
1,2-Dichloroethane-d4
Concen: 41.864 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Tgt Ion: 65 Resp: 472138
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4



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

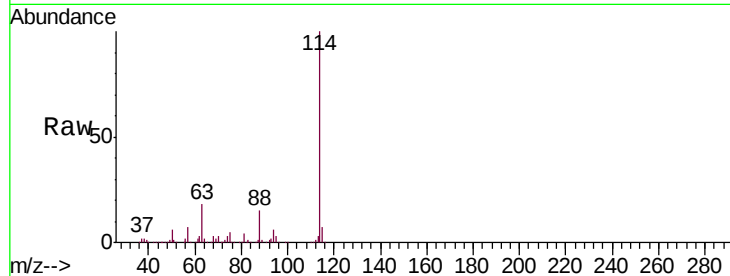




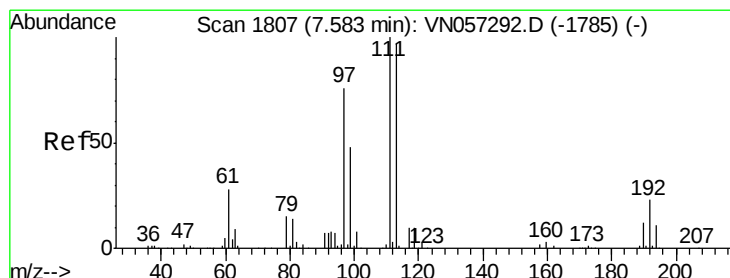
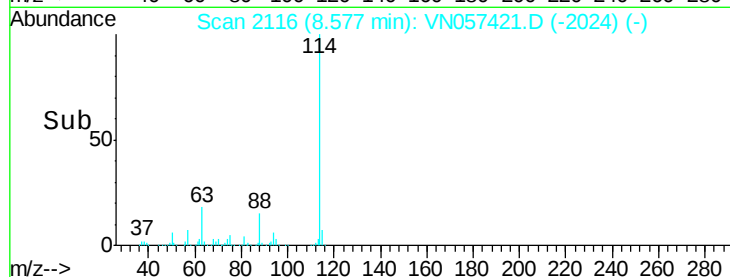
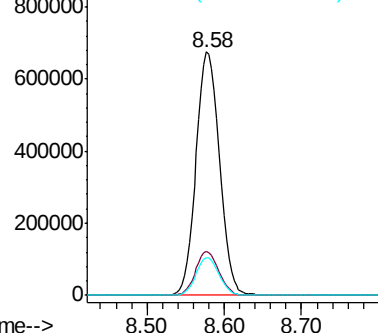
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(2)

Tgt Ion:114 Resp: 1429310
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.8
 88 15.5 0.0 31.4

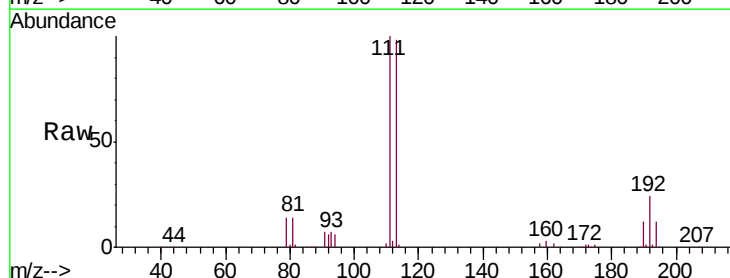


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

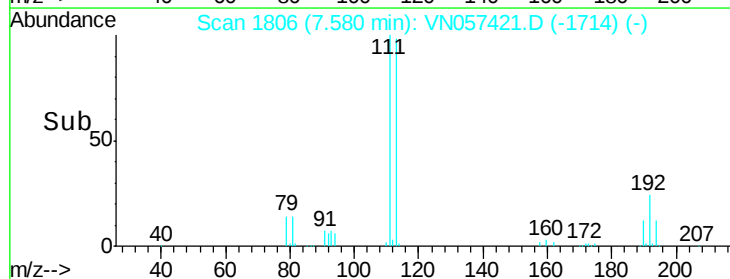
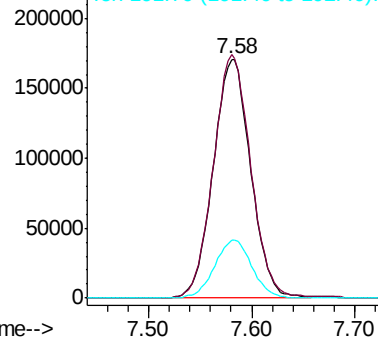


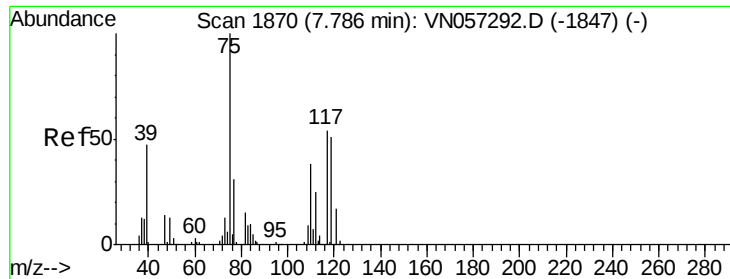
#35
 Dibromofluoromethane
 Concen: 45.977 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

Tgt Ion:113 Resp: 430782
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 24.3 19.3 28.9



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

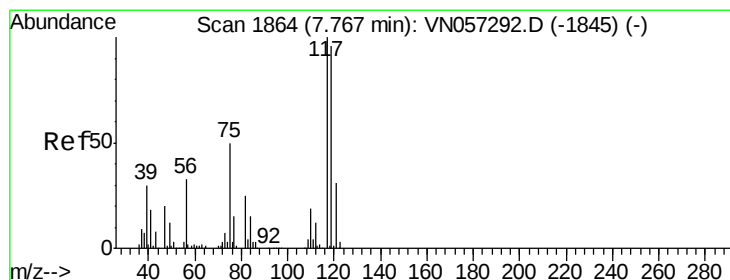
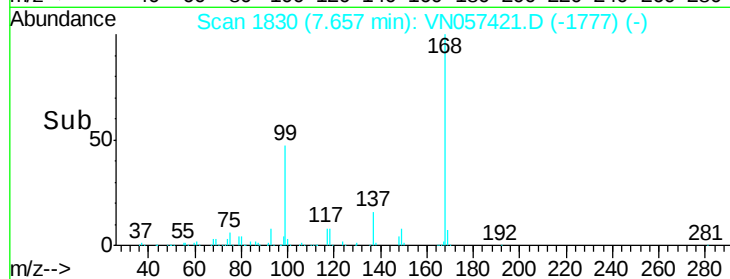
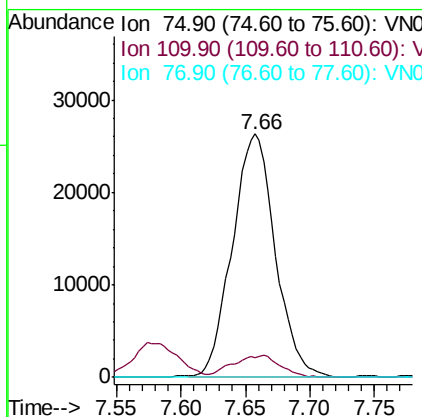
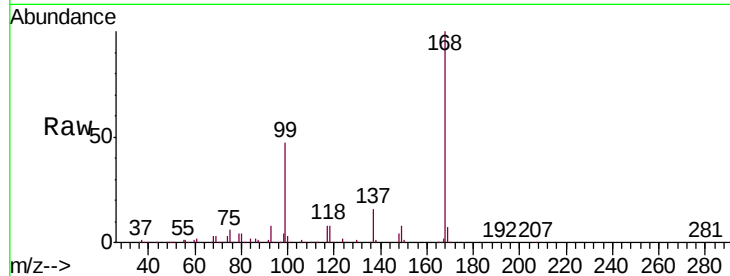




#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

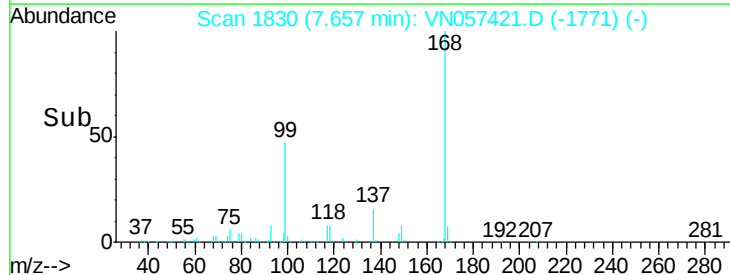
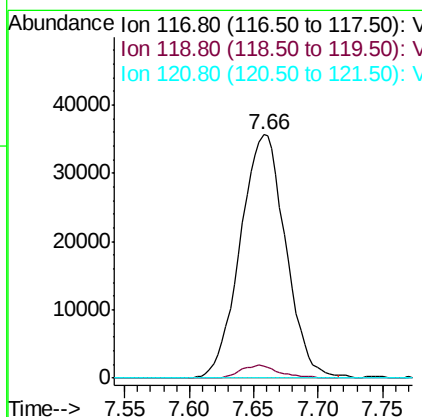
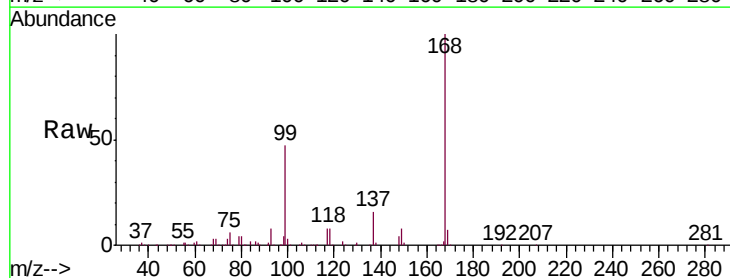
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(2)

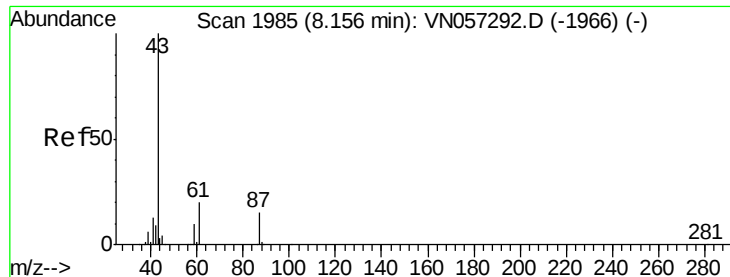
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.5	58.5#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.652 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.8	115.2#
121	0.0	25.0	37.4#





#43

Isopropyl Acetate

Concen: 9.856 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(2)

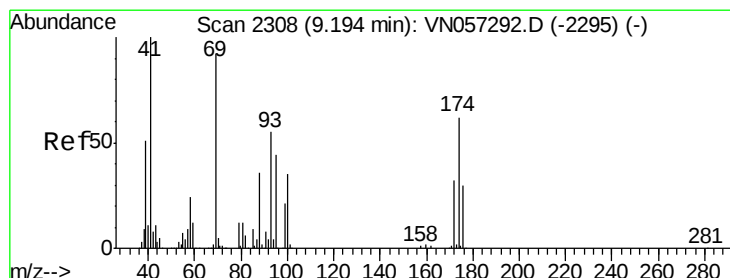
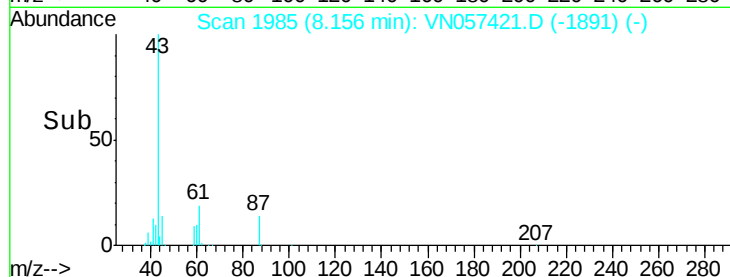
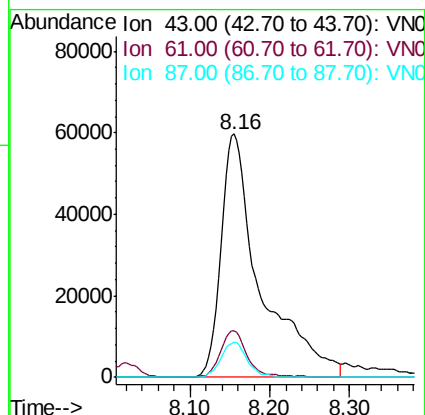
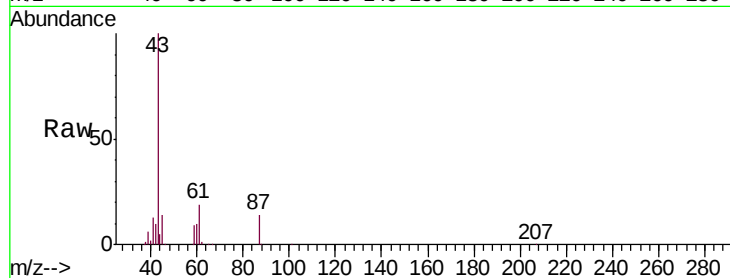
Tgt Ion: 43 Resp: 203427

Ion Ratio Lower Upper

43 100

61 12.9 21.6 32.4#

87 9.6 11.4 17.0#



#48

Methyl methacrylate

Concen: 0.828 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

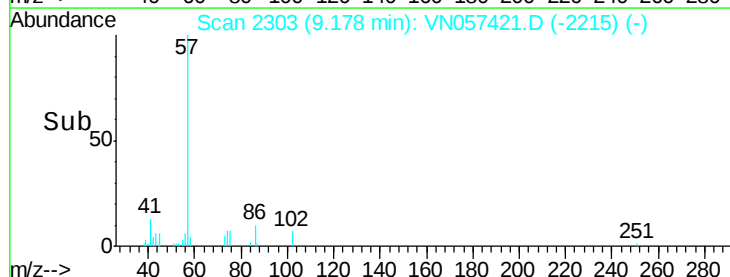
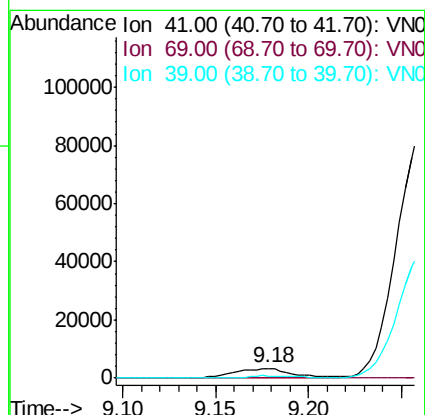
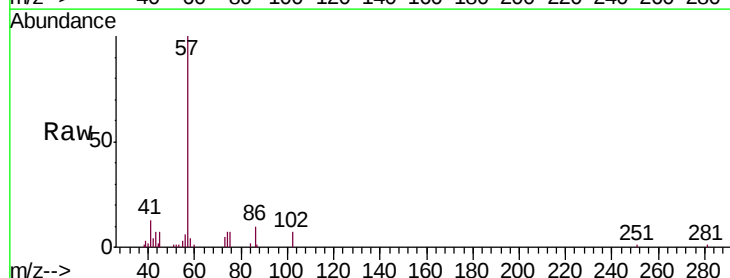
Tgt Ion: 41 Resp: 7044

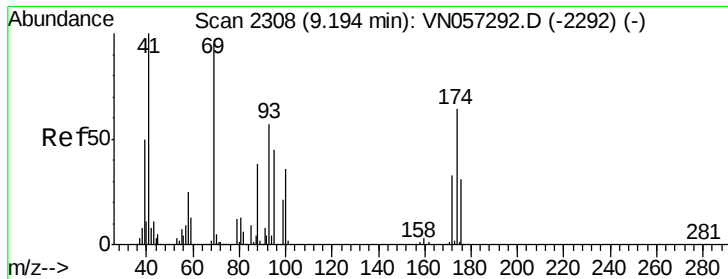
Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 42.3 63.5#





#49

1,4-Dioxane

Concen: 0.922 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(2)

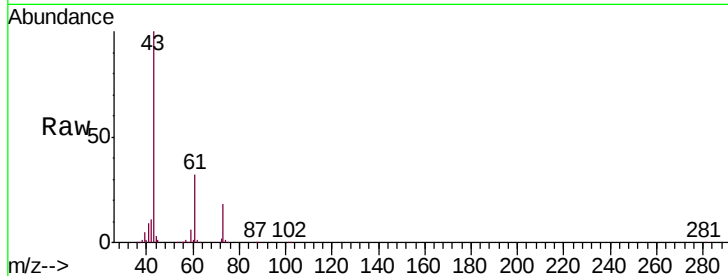
Tgt Ion: 88 Resp: 165

Ion Ratio Lower Upper

88 100

43 1065637.0 22.9 34.3#

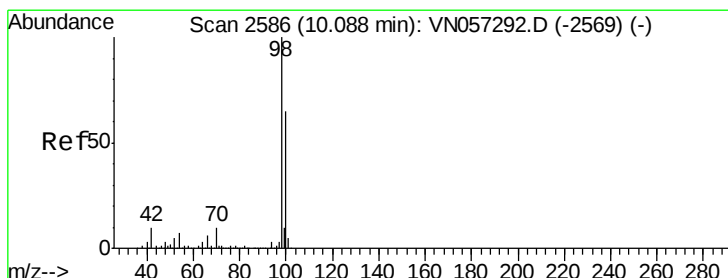
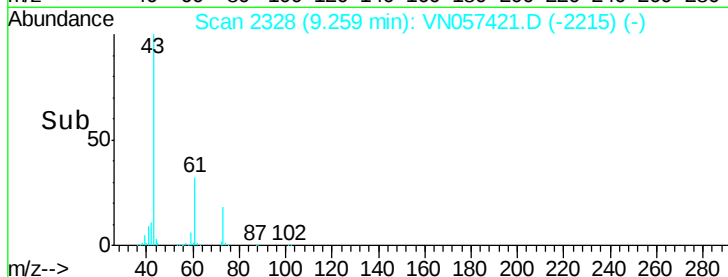
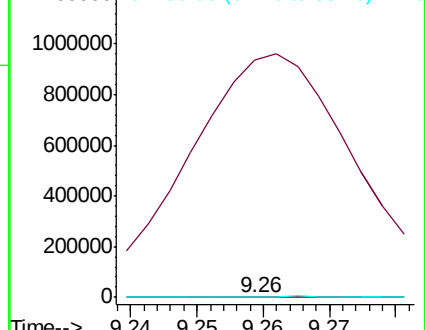
58 4904.8 52.7 79.1#



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: 47.858 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057421.D

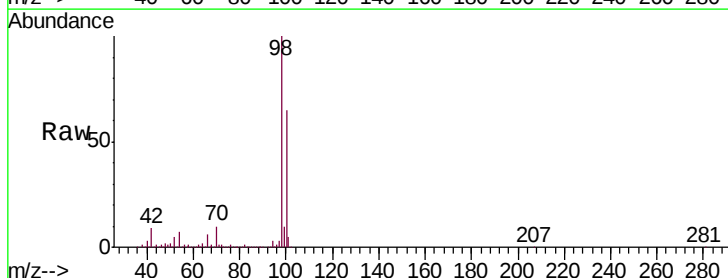
Acq: 20 Aug 2019 00:49

Tgt Ion: 98 Resp: 1640047

Ion Ratio Lower Upper

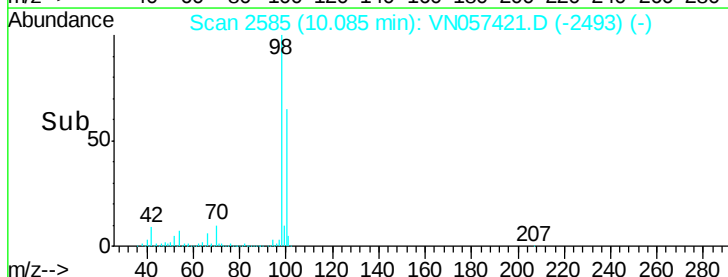
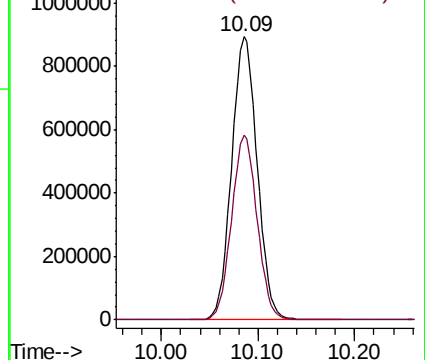
98 100

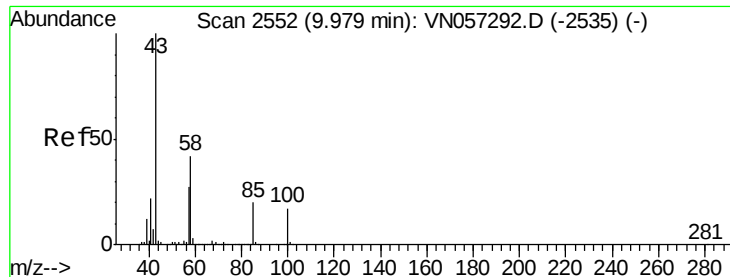
100 65.2 51.9 77.9



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: 0.785 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampled :

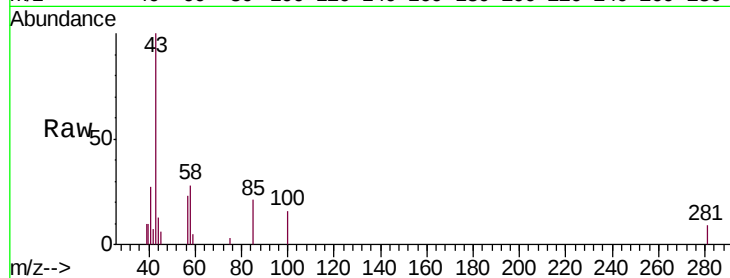
T8-E1-(2)

Tgt Ion: 43 Resp: 8367

Ion Ratio Lower Upper

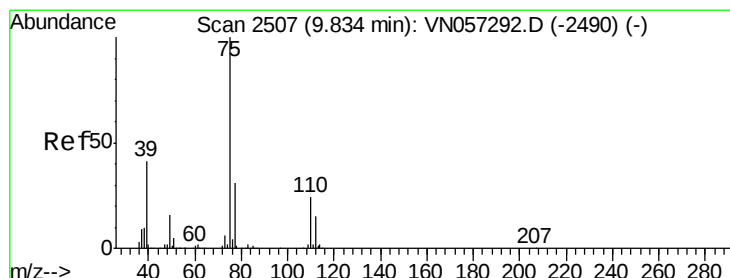
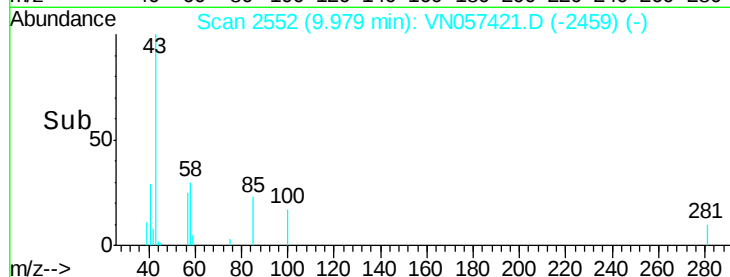
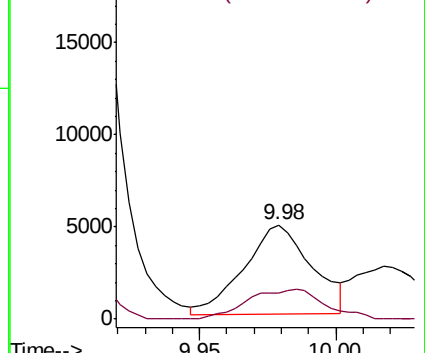
43 100

58 38.2 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#54

cis-1,3-Dichloropropene

Concen: 3.791 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

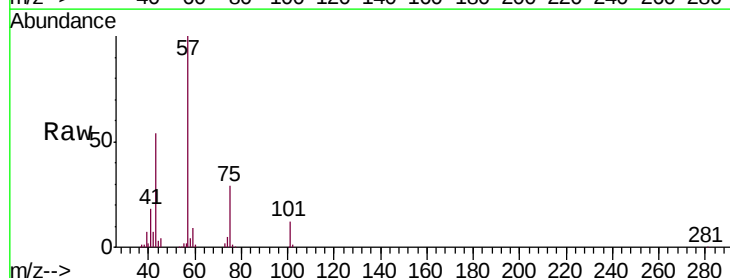
Tgt Ion: 75 Resp: 59460

Ion Ratio Lower Upper

75 100

77 0.6 24.9 37.3#

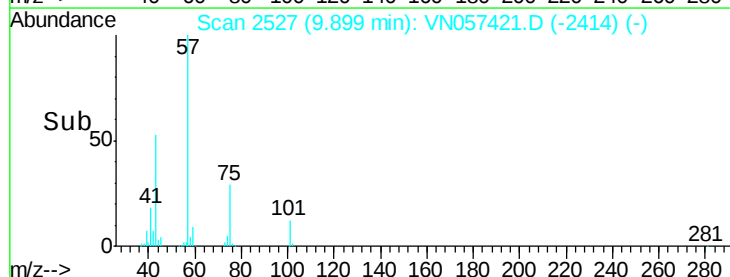
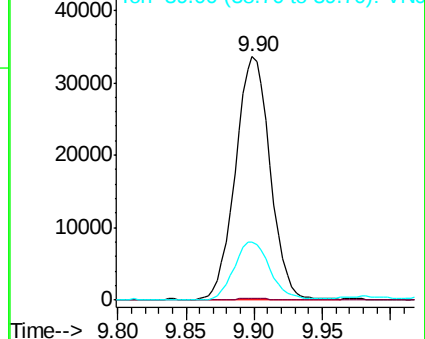
39 24.0 32.7 49.1#

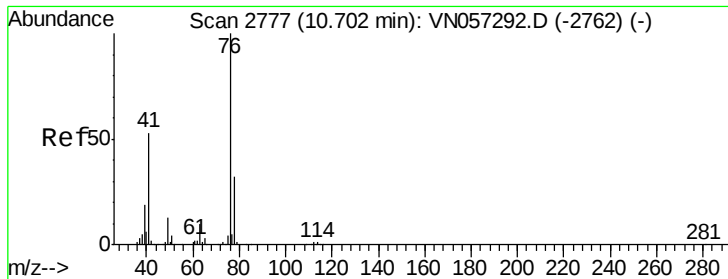


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 0.562 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

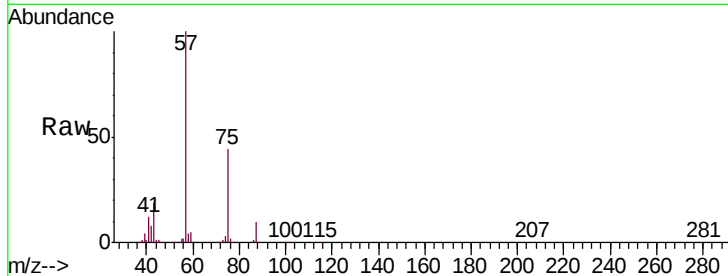
T8-E1-(2)

Tgt Ion: 76 Resp: 8869

Ion Ratio Lower Upper

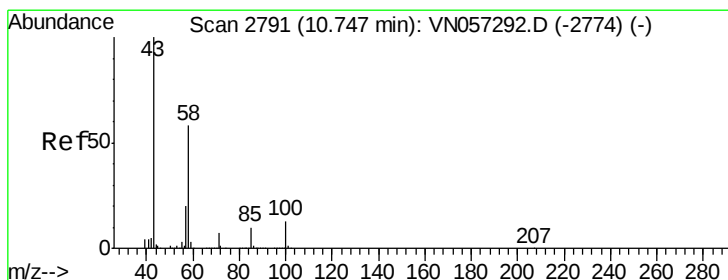
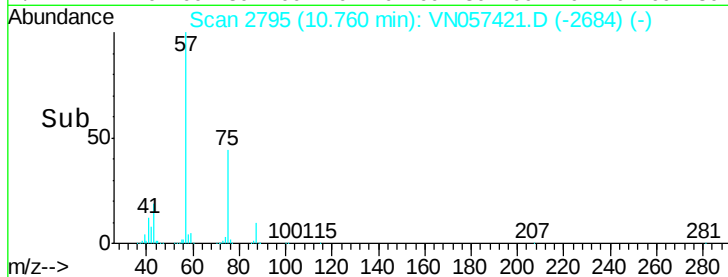
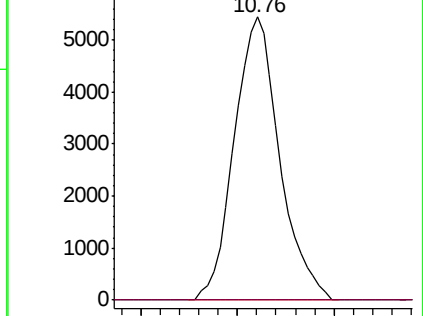
76 100

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: 14.080 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057421.D

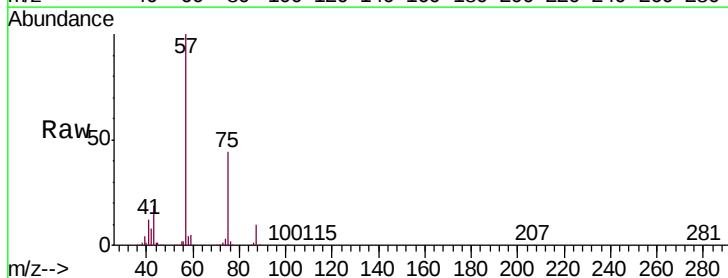
Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 107943

Ion Ratio Lower Upper

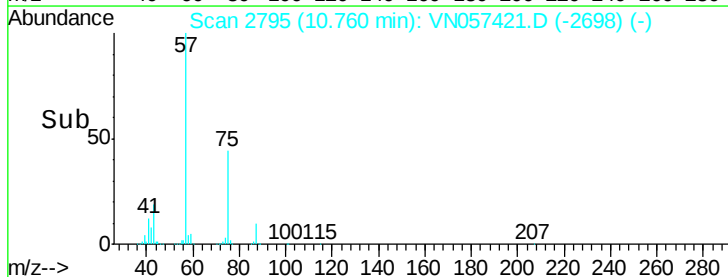
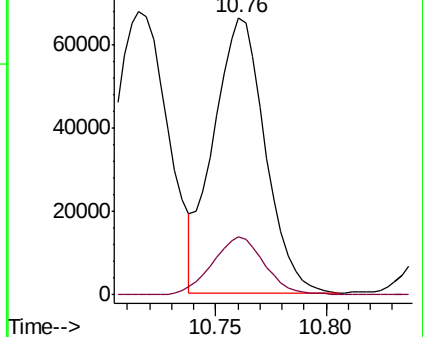
43 100

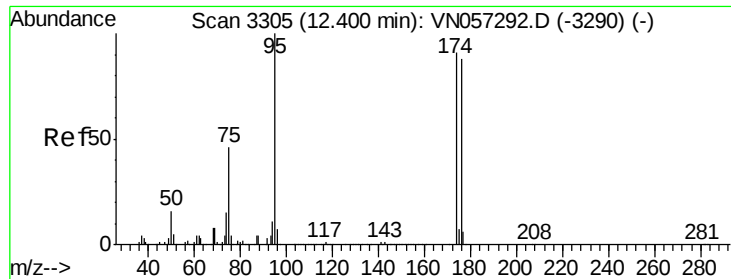
58 21.3 28.6 85.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.384 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(2)

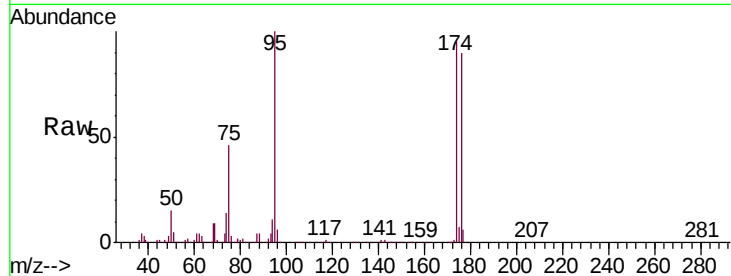
Tgt Ion: 95 Resp: 428513

Ion Ratio Lower Upper

95 100

174 97.0 0.0 185.0

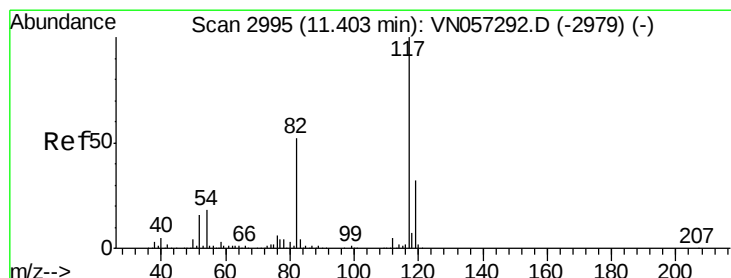
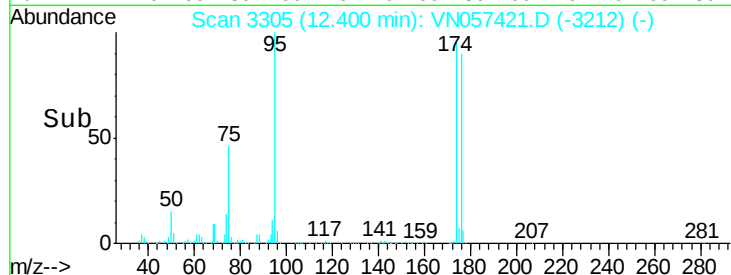
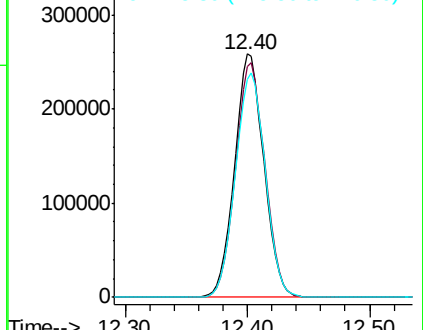
176 94.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057421.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057421.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057421.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

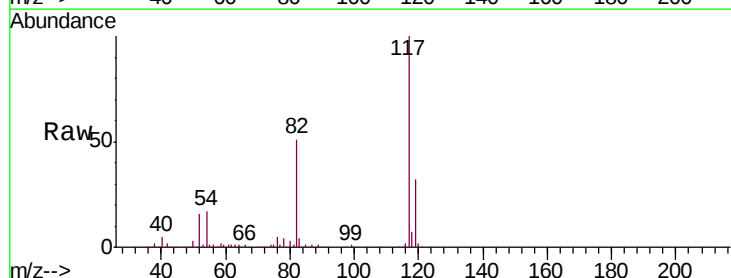
Tgt Ion: 117 Resp: 1172037

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

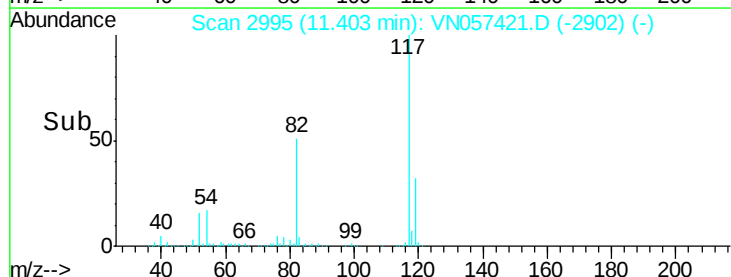
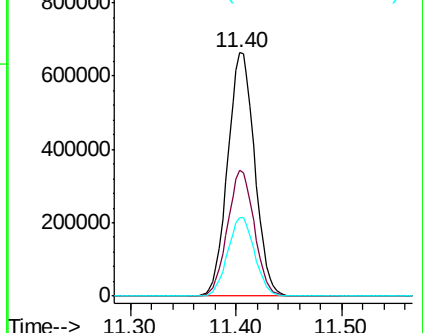
119 32.3 25.8 38.8

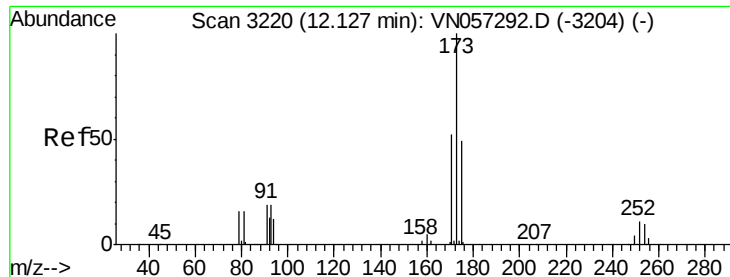


Abundance Ion 116.90 (116.60 to 117.60): VN057421.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057421.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057421.D (-2902) (-)





#71

Bromoform

Concen: 0.330 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(2)

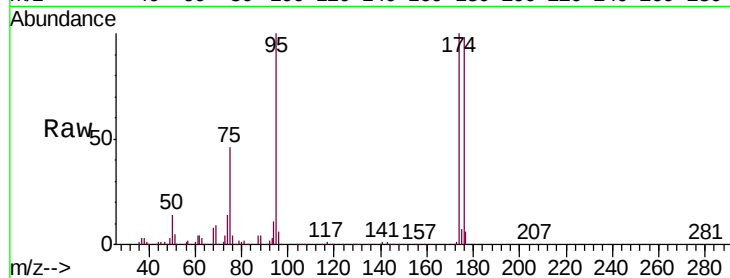
Tgt Ion:173 Resp: 2385

Ion Ratio Lower Upper

173 100

175 1146.5 24.2 72.6#

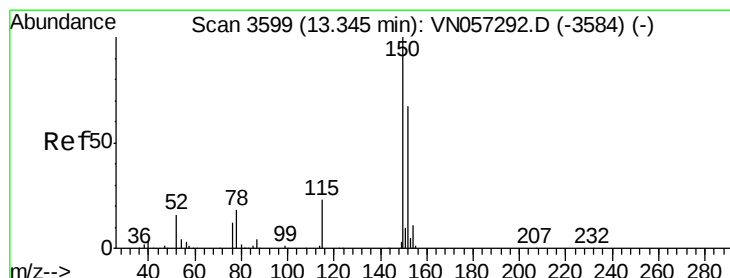
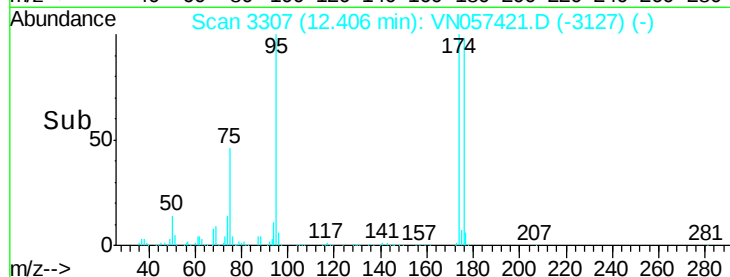
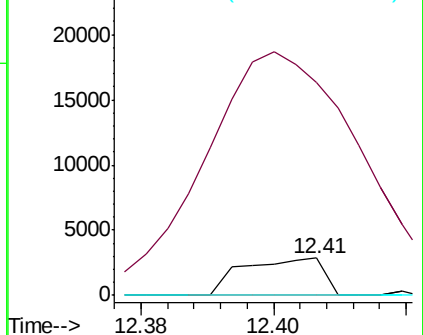
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

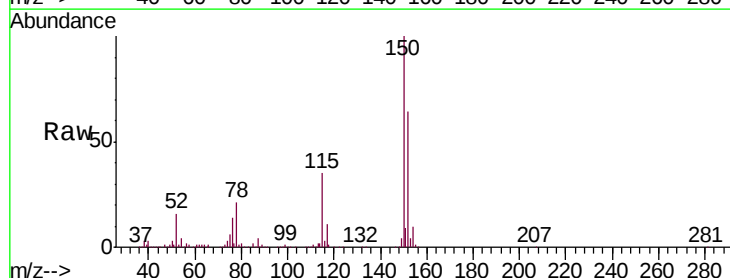
Tgt Ion:152 Resp: 306761

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

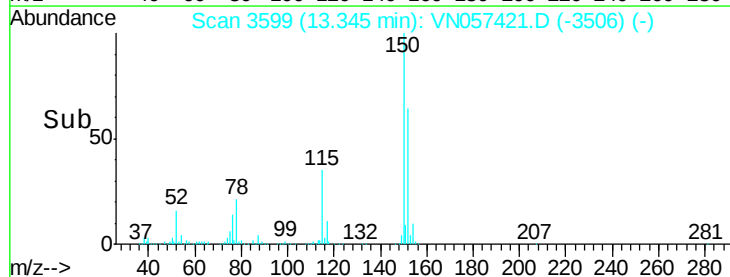
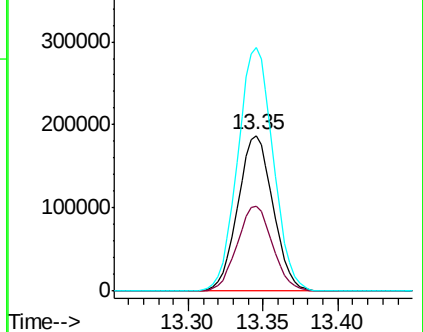
150 157.9 0.0 344.4

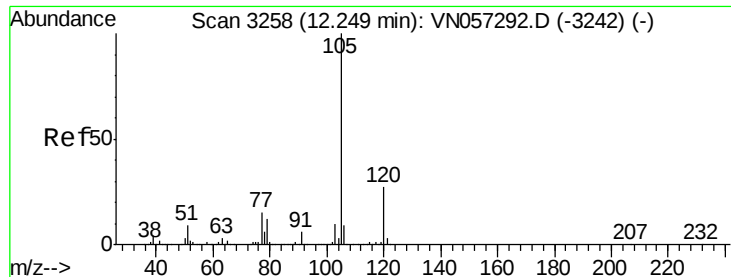


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3259

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

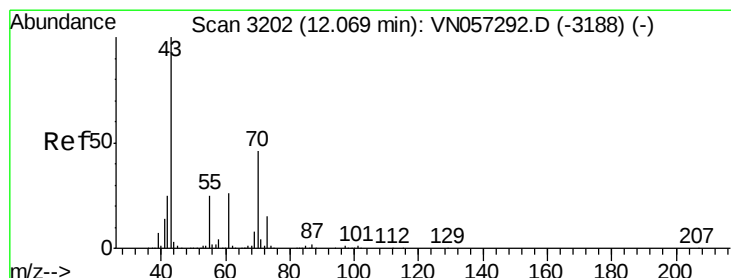
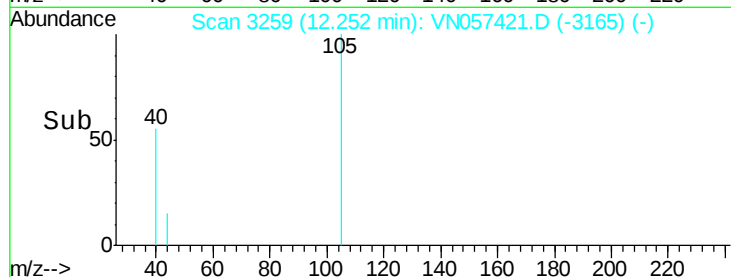
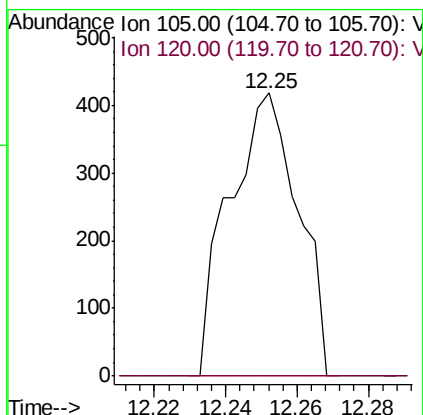
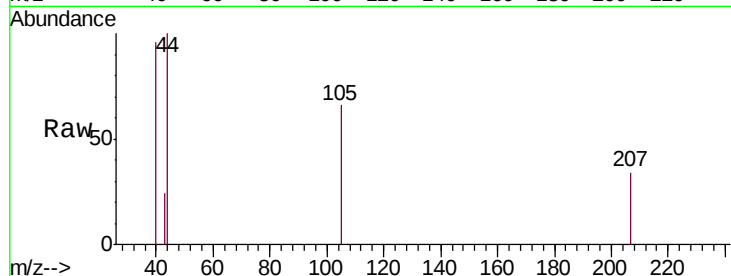
T8-E1-(2)

Tgt Ion: 105 Resp: 555

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.633 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Tgt Ion: 43 Resp: 5632

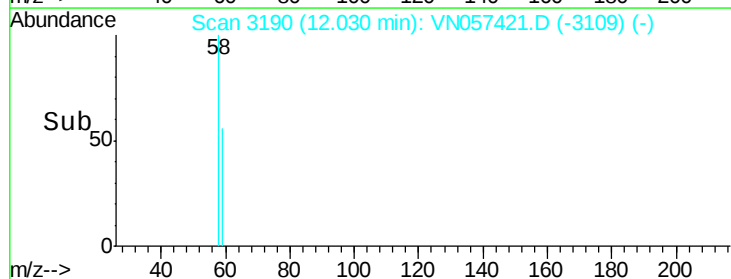
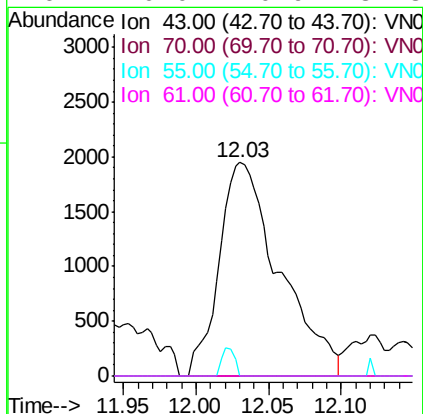
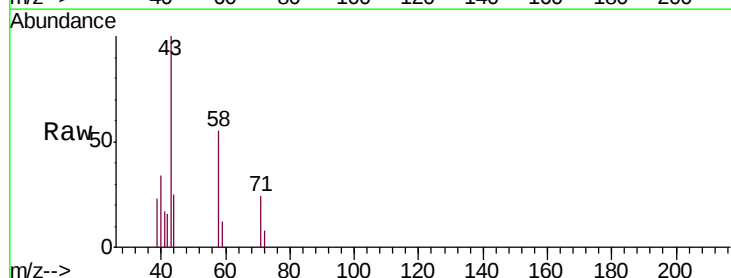
Ion Ratio Lower Upper

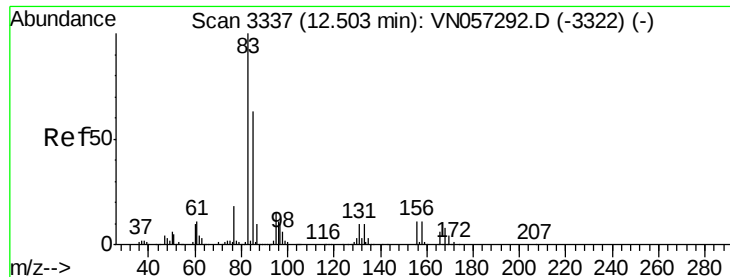
43 100

70 0.0 36.2 54.2#

55 2.8 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(2)

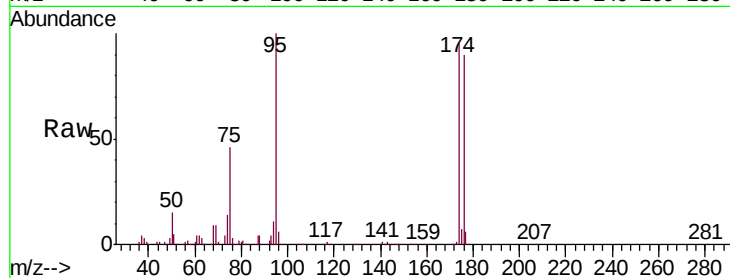
Tgt Ion: 83 Resp: 344

Ion Ratio Lower Upper

83 100

131 148.0 5.4 16.2#

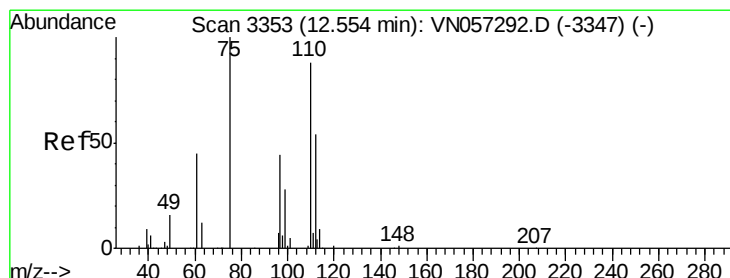
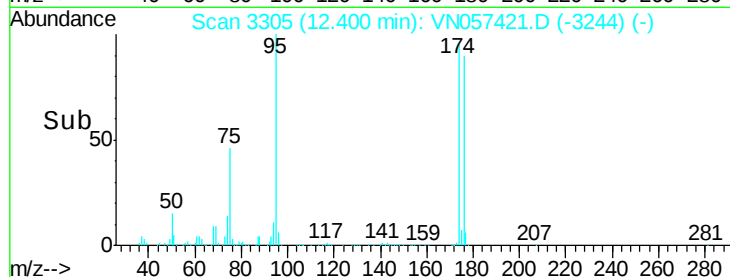
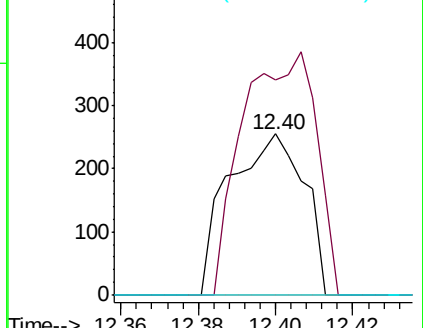
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.794 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057421.D

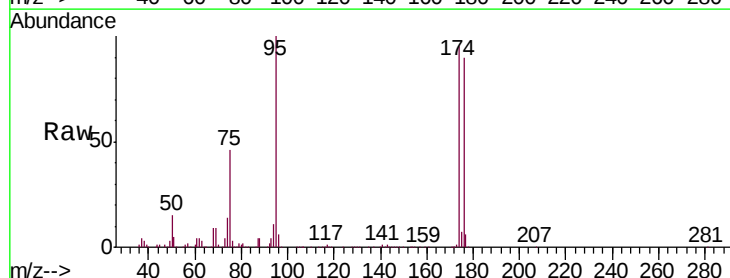
Acq: 20 Aug 2019 00:49

Tgt Ion: 75 Resp: 196142

Ion Ratio Lower Upper

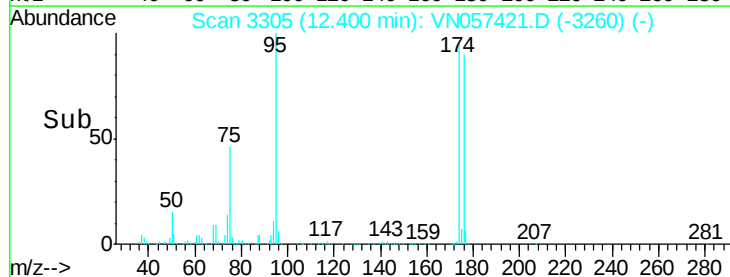
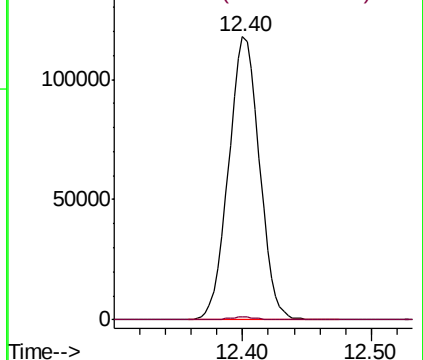
75 100

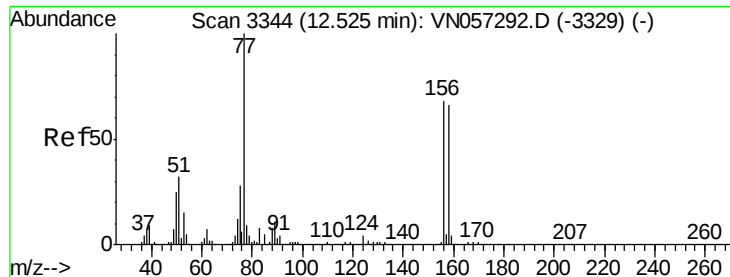
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampled :

T8-E1-(2)

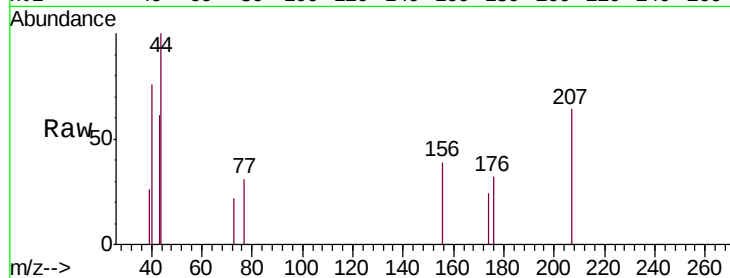
Tgt Ion:156 Resp: 166

Ion Ratio Lower Upper

156 100

77 184.3 89.8 269.6

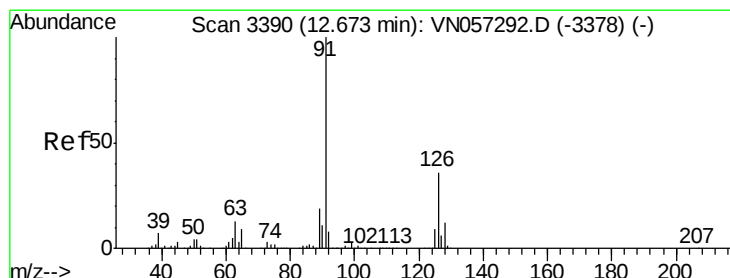
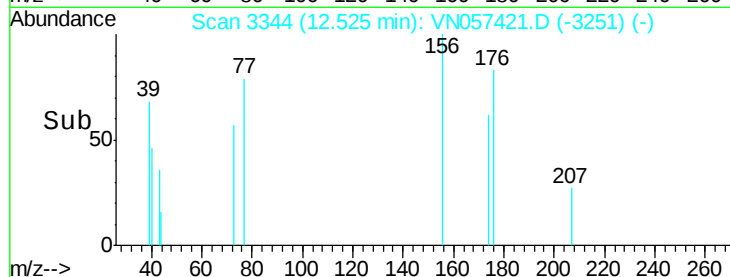
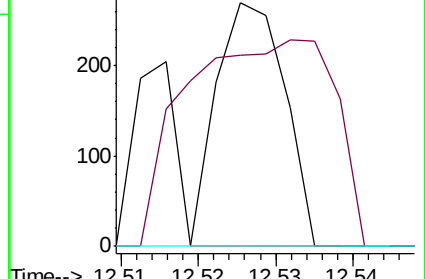
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057421.D

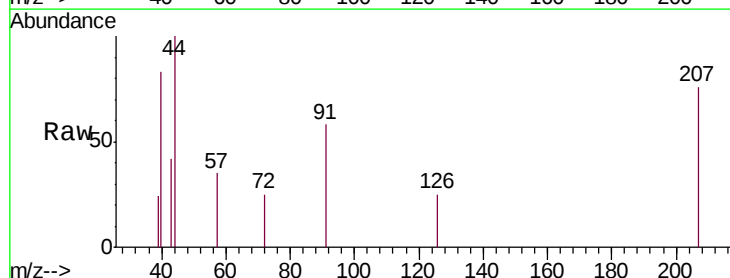
Acq: 20 Aug 2019 00:49

Tgt Ion: 91 Resp: 624

Ion Ratio Lower Upper

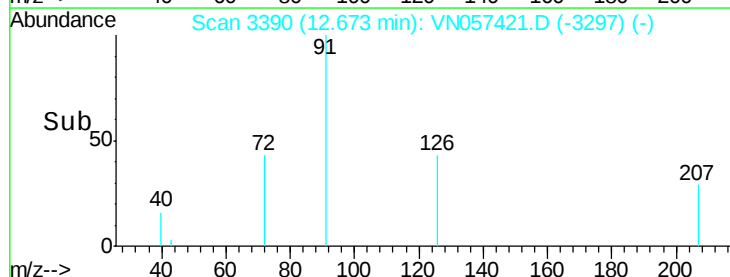
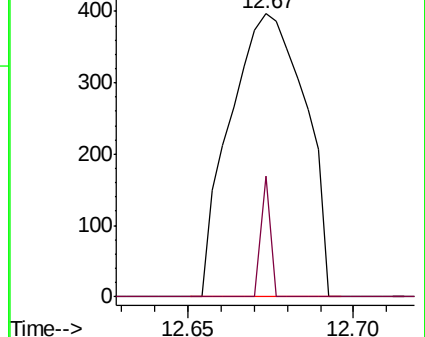
91 100

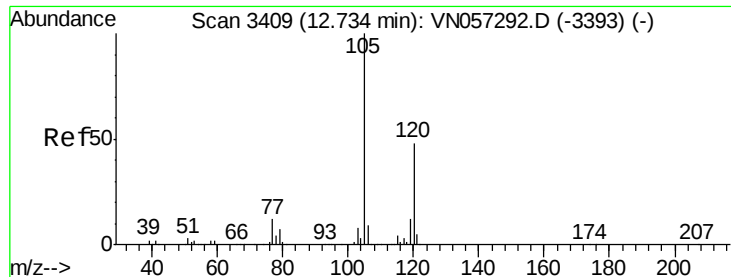
126 5.3 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampleId :

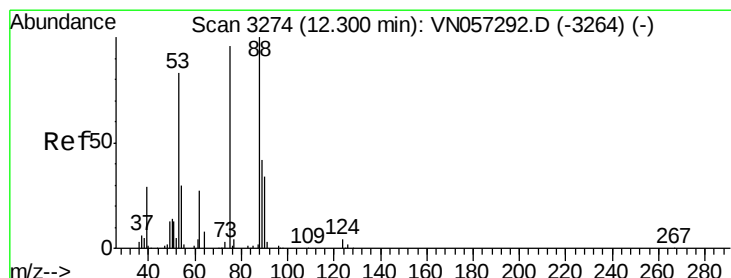
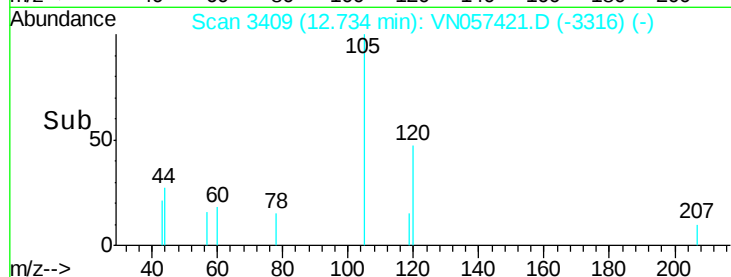
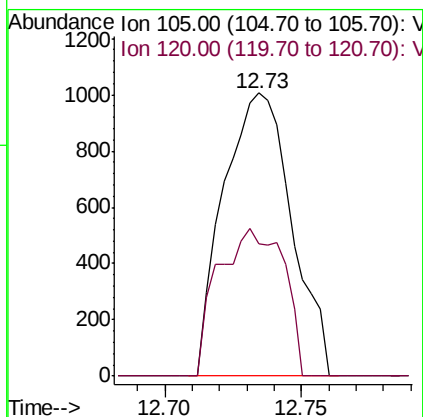
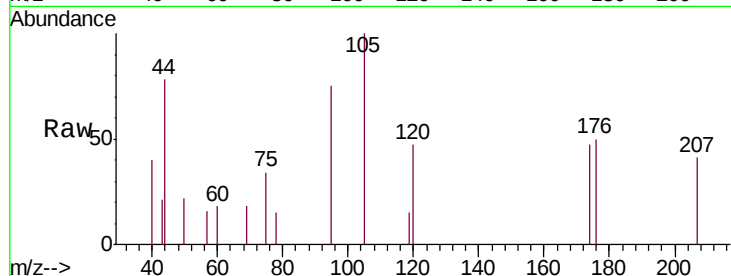
T8-E1-(2)

Tgt Ion: 105 Resp: 1744

Ion Ratio Lower Upper

105 100

120 50.0 24.3 73.0



#81

trans-1,4-Dichloro-2-butene

Concen: 77.967 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

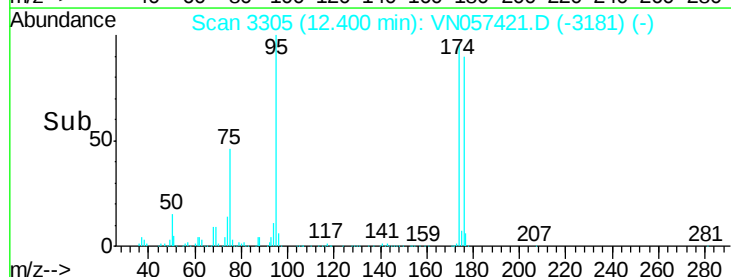
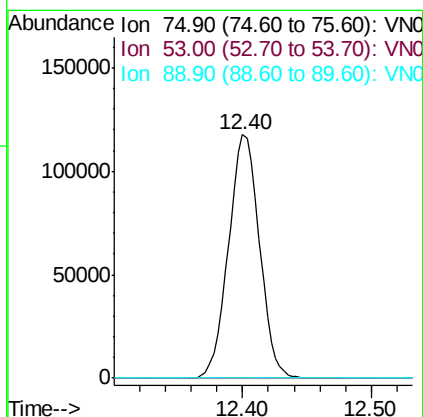
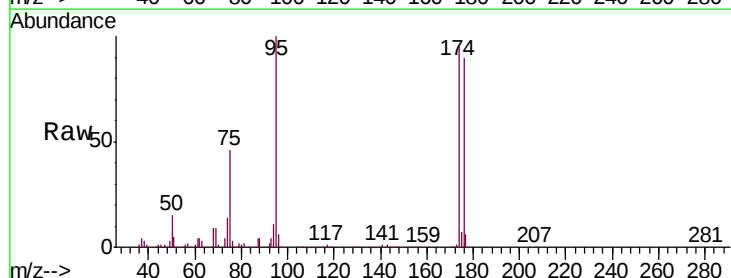
Tgt Ion: 75 Resp: 196142

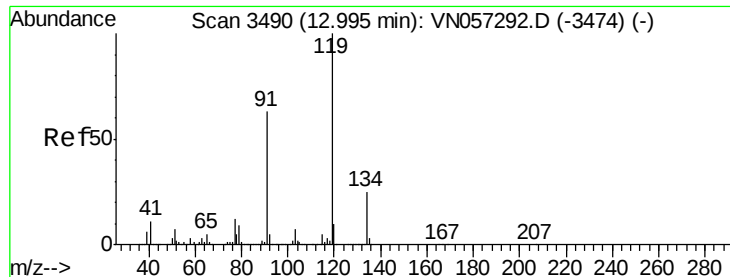
Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

89 0.0 36.2 54.4#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.01 min

Lab File: VN057421.D

Acq: 20 Aug 2019 00:49

Instrument :

MSVOA_N

ClientSampled :

T8-E1-(2)

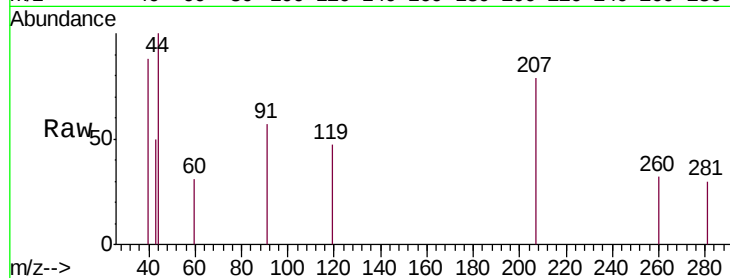
Tgt Ion:119 Resp: 164

Ion Ratio Lower Upper

119 100

91 139.0 31.3 93.8#

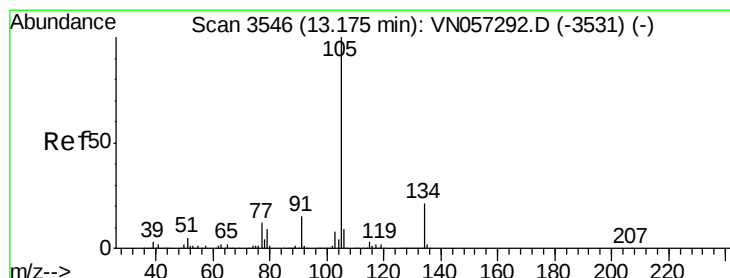
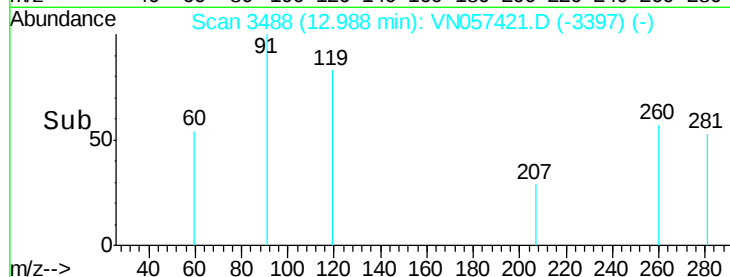
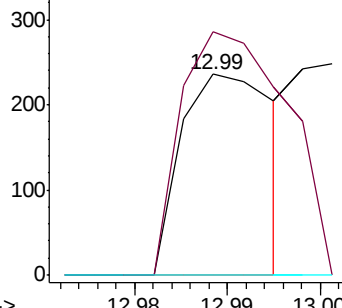
134 0.0 13.1 39.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057421.D

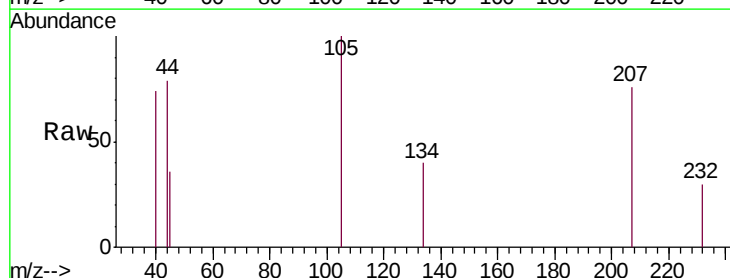
Acq: 20 Aug 2019 00:49

Tgt Ion:105 Resp: 570

Ion Ratio Lower Upper

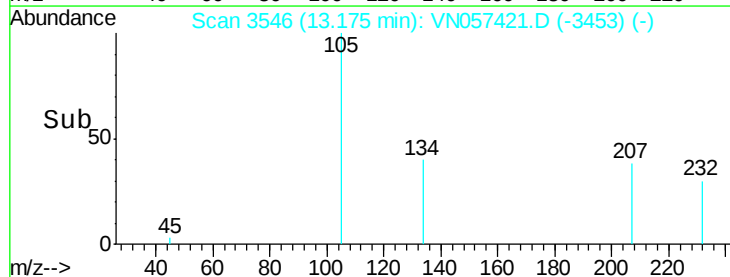
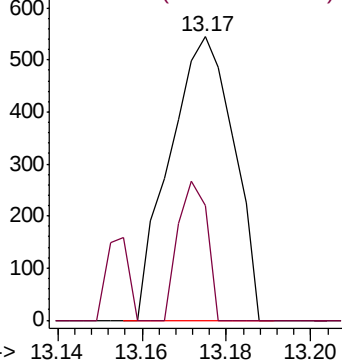
105 100

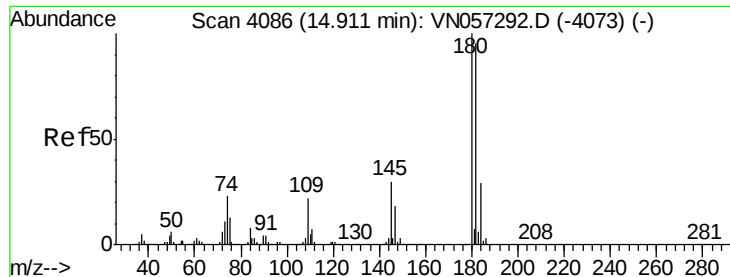
134 22.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

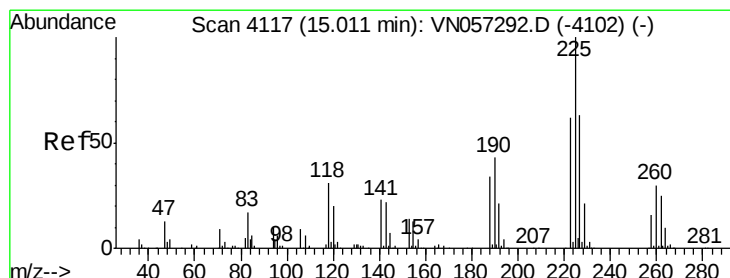
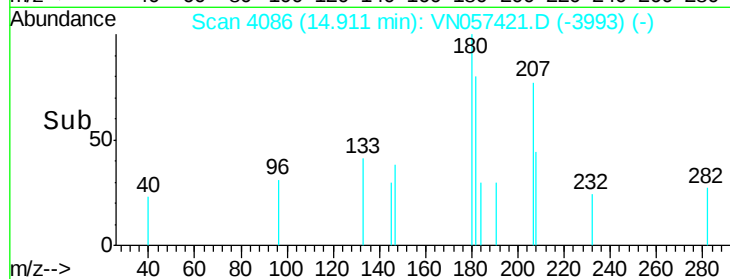
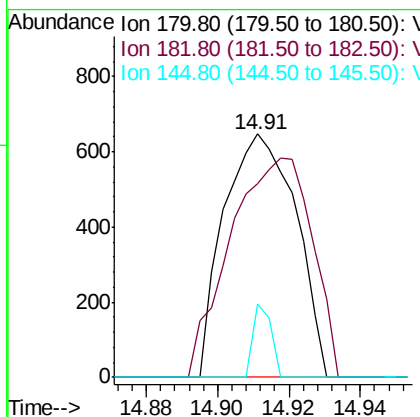
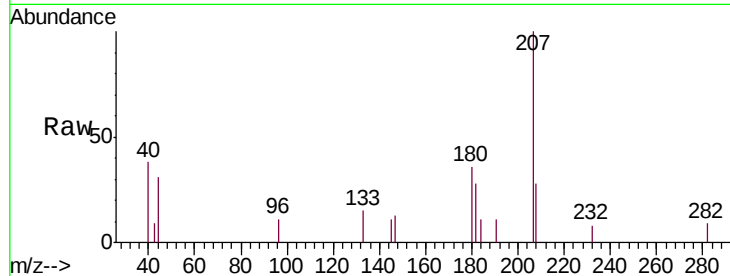




#93
 1,2,4-Trichlorobenzene
 Concen: 5.557 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

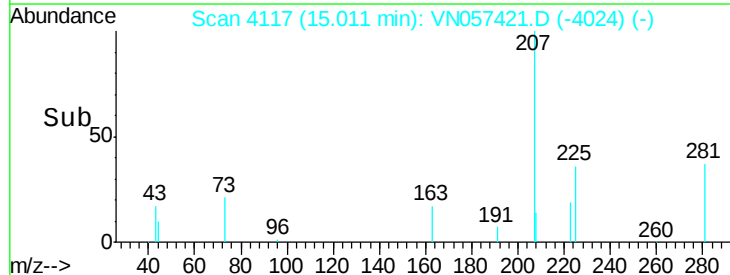
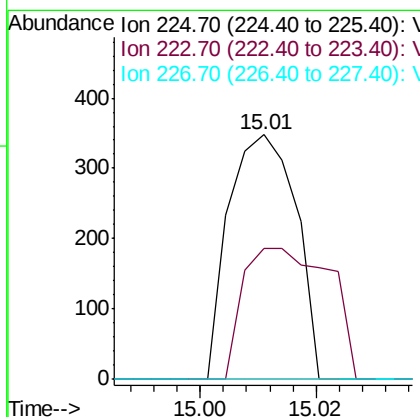
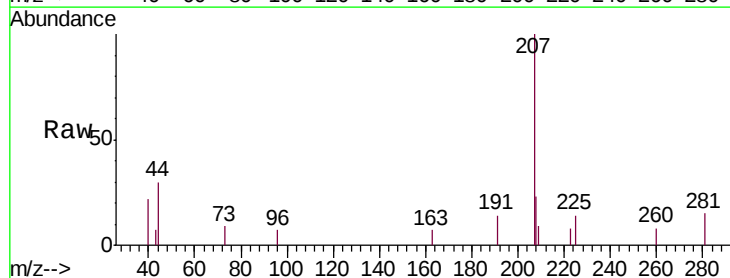
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E1-(2)

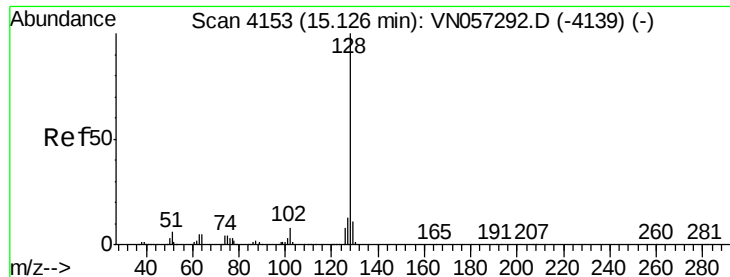
Tgt Ion:180 Resp: 901
 Ion Ratio Lower Upper
 180 100
 182 102.8 48.0 144.2
 145 7.7 14.5 43.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057421.D
 Acq: 20 Aug 2019 00:49

Tgt Ion:225 Resp: 278
 Ion Ratio Lower Upper
 225 100
 223 69.4 30.7 92.1
 227 0.0 30.9 92.7#

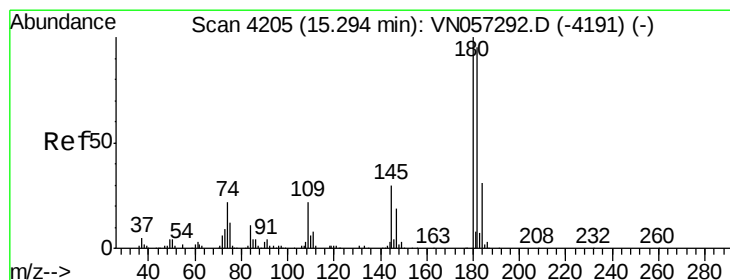
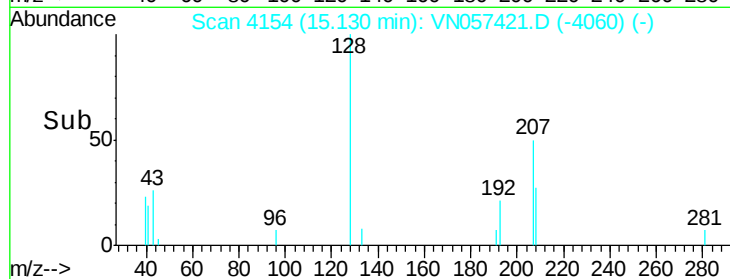
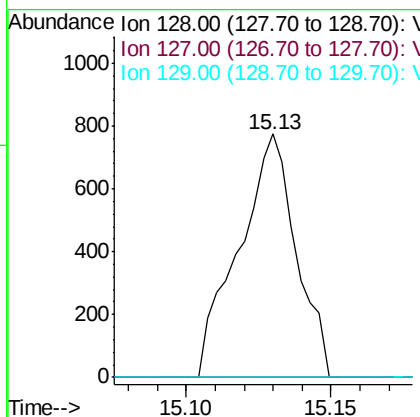
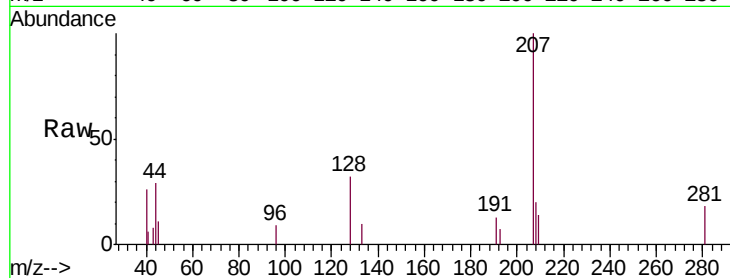




#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Instrument :
MSVOA_N
ClientSampled :
T8-E1-(2)

Tgt Ion:128 Resp: 1066
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.30 min Scan# 4208
Delta R.T. 0.01 min
Lab File: VN057421.D
Acq: 20 Aug 2019 00:49

Tgt Ion:180 Resp: 458
Ion Ratio Lower Upper
180 100
182 204.6 47.9 143.6#
145 38.2 15.1 45.3

