

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057377.D
 Acq On : 17 Aug 2019 00:51
 Operator : JC/SP
 Sample : K3616-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

Quant Time: Aug 17 03:49:22 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	1161104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1628351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1377518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	379134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	540677	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
35) Dibromofluoromethane	7.58	113	483372	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.09	98	1902998	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	512740	37.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.32%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	5449	3.037	ug/l #	73
16) Acetone	3.81	43	15322	3.499	ug/l	95
18) Methyl Acetate	4.32	43	34232	0.532	ug/l	96
20) Methylene Chloride	4.55	84	33743	2.754	ug/l	92
25) 2-Butanone	6.83	43	2337	0.369	ug/l	99
30) Chloroform	7.36	83	4927	0.237	ug/l	89
31) Cyclohexane	7.66	56	17085	0.993	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	68251	4.747	ug/l #	49
38) Carbon Tetrachloride	7.66	117	99321	6.649	ug/l #	16
43) Isopropyl Acetate	8.16	43	235778	10.047	ug/l #	80
45) 1,2-Dichloropropane	9.26	63	3424	0.302	ug/l #	44
48) Methyl methacrylate	9.18	41	8492	0.876	ug/l #	11
49) 1,4-Dioxane	9.26	88	330	1.618	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	9160	0.754	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	75470	4.223	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	12674	0.705	ug/l #	43
59) 2-Hexanone	10.76	43	153524	17.578	ug/l #	49
71) Bromoform	12.40	173	4764	0.561	ug/l #	1
73) Isopropylbenzene	12.25	105	1340	Below Cal	#	74
74) N-amyl acetate	12.03	43	5668	0.515	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.46	83	115	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	238850	31.298	ug/l #	100
77) Bromobenzene	12.53	156	65	Below Cal	#	1
79) 2-Chlorotoluene	12.68	91	227	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	10200	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	238850	76.820	ug/l #	15
83) tert-Butylbenzene	13.00	119	452	Below Cal	#	48
84) 1,2,4-Trimethylbenzene	13.04	105	5587	0.205	ug/l	89
85) sec-Butylbenzene	13.17	105	1252	Below Cal	#	69
90) Hexachloroethane	13.90	117	260	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	288	5.408	ug/l #	41
95) Naphthalene	15.13	128	1321	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	239	Below Cal	#	1

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QLast Update : Thu Aug 15 11:33:14 2019
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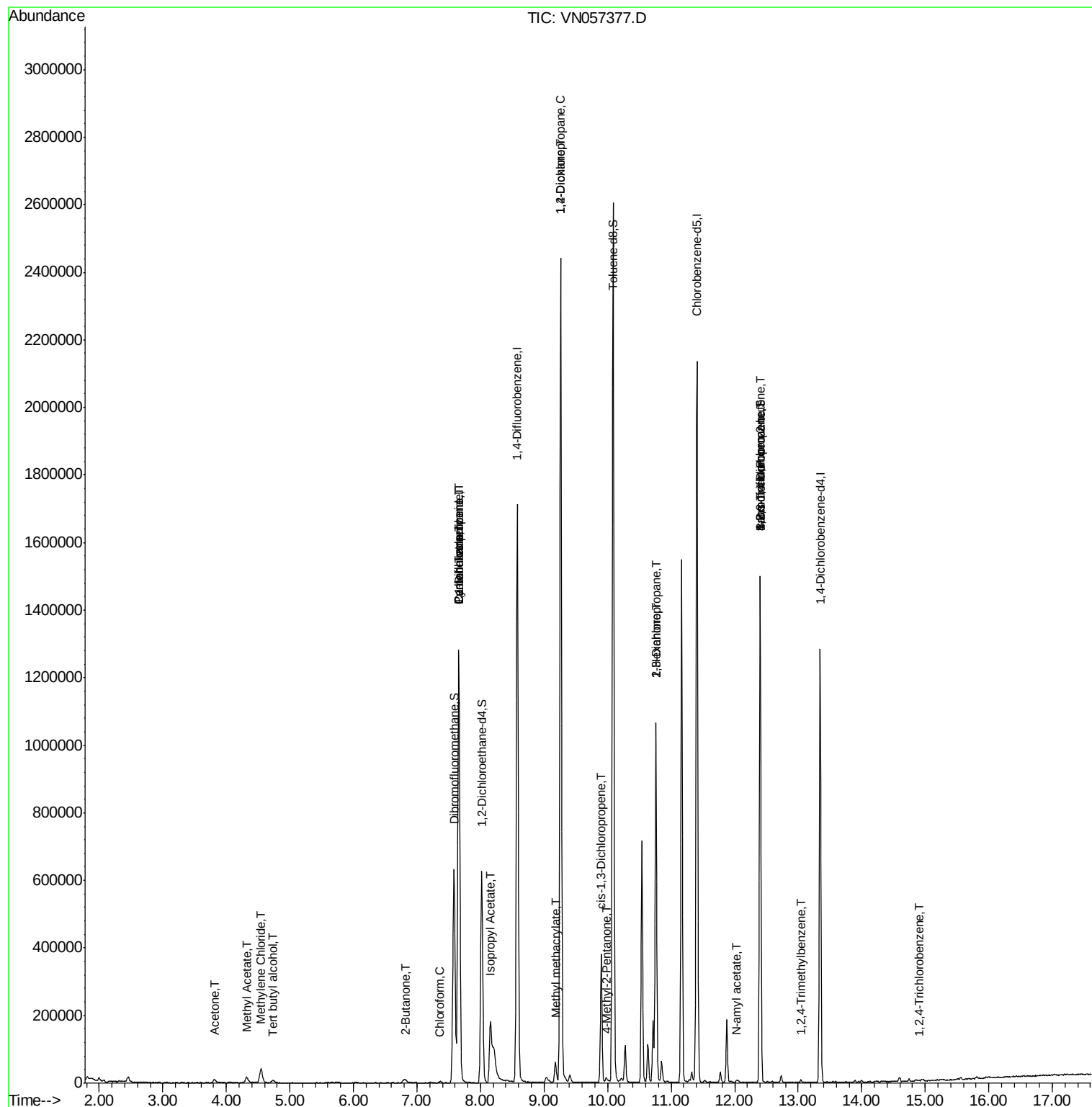
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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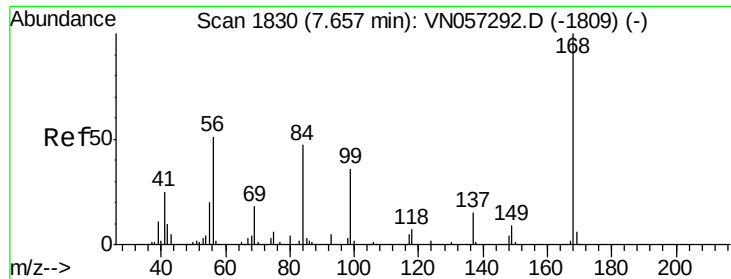
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
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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: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

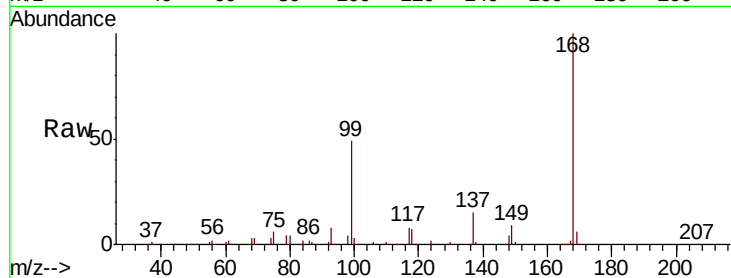
JC-03-081519-A

Tgt Ion:168 Resp: 1161104

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)

7.66

500000

400000

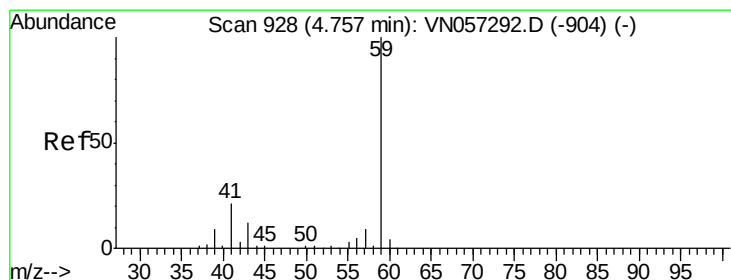
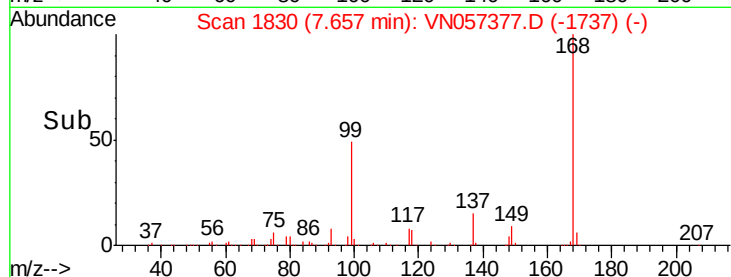
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 3.037 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.02 min

Lab File: VN057377.D

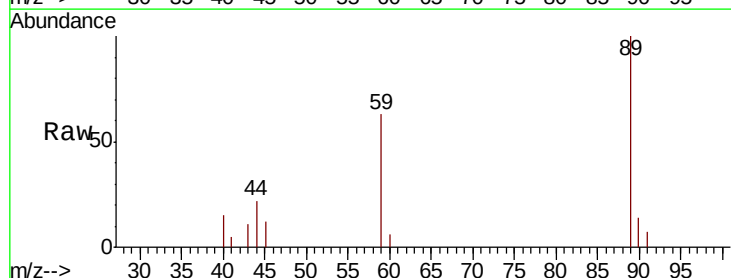
Acq: 17 Aug 2019 00:51

Tgt Ion: 59 Resp: 5449

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057292.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN057292.D (-904) (-)

4.74

2000

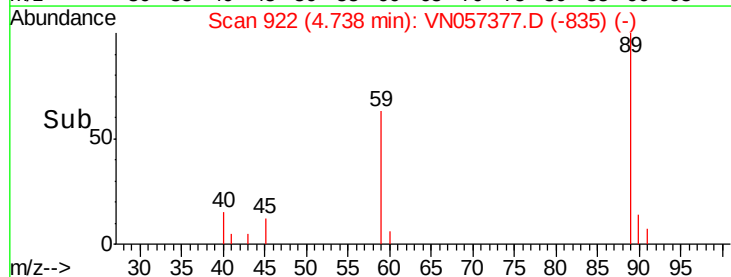
1500

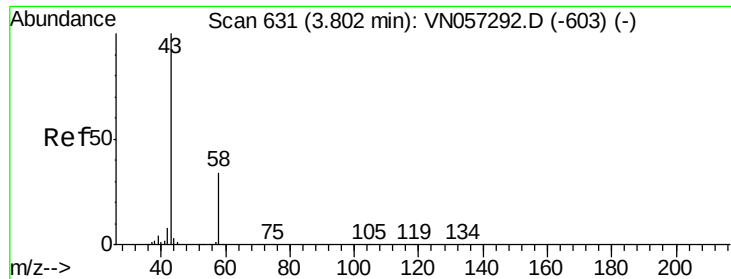
1000

500

0

Time--> 4.65 4.70 4.75





#16

Acetone

Concen: 3.499 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

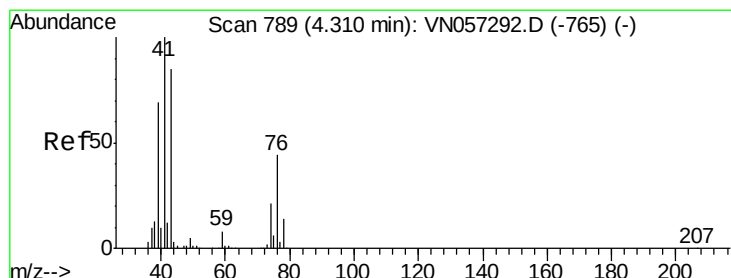
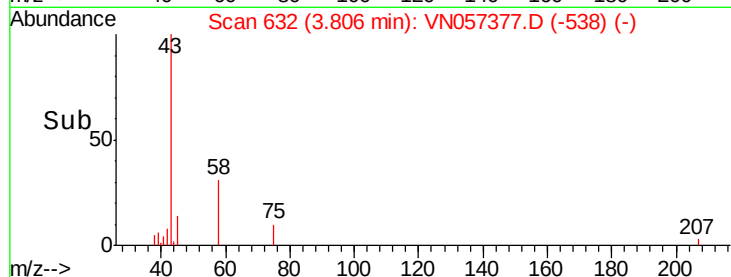
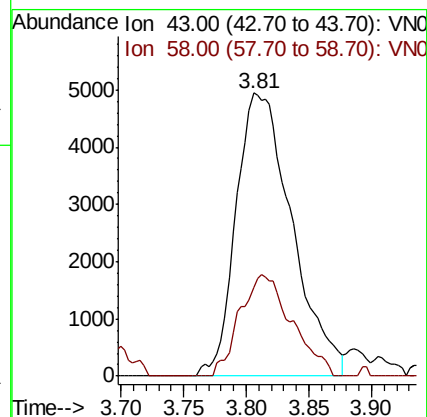
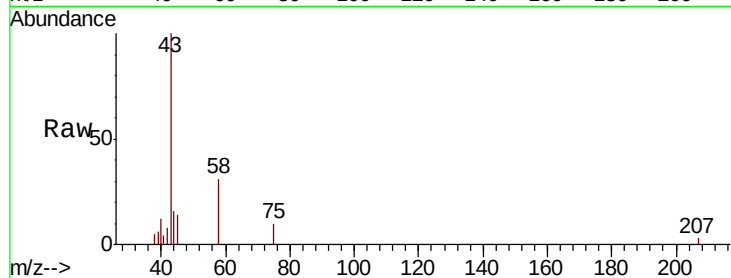
JC-03-081519-A

Tgt Ion: 43 Resp: 15322

Ion Ratio Lower Upper

43 100

58 31.2 27.0 40.6



#18

Methyl Acetate

Concen: 0.532 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057377.D

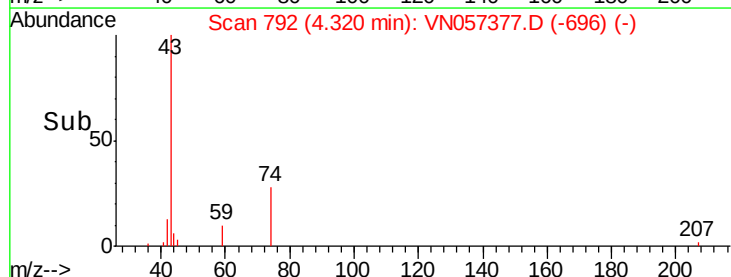
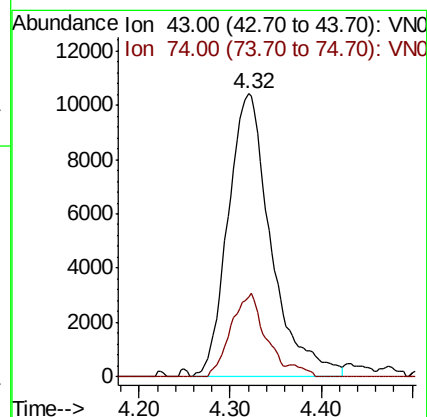
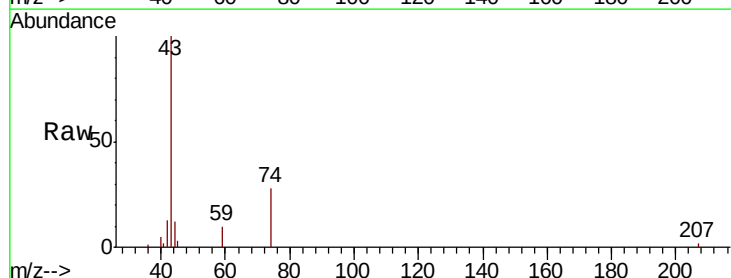
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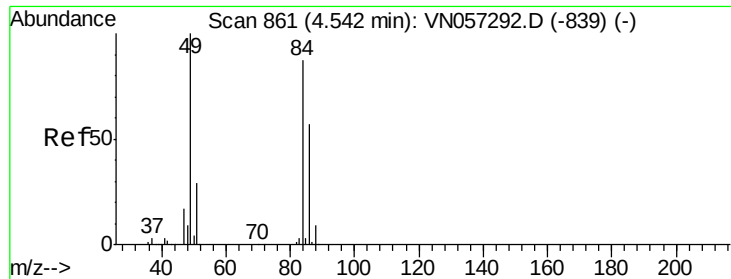
Tgt Ion: 43 Resp: 34232

Ion Ratio Lower Upper

43 100

74 23.3 20.2 30.2

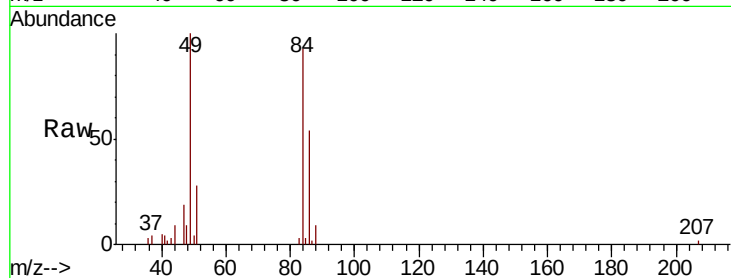




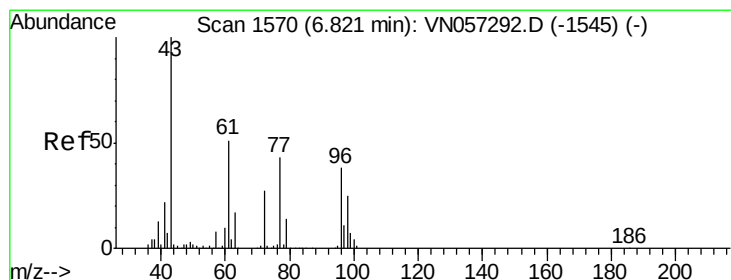
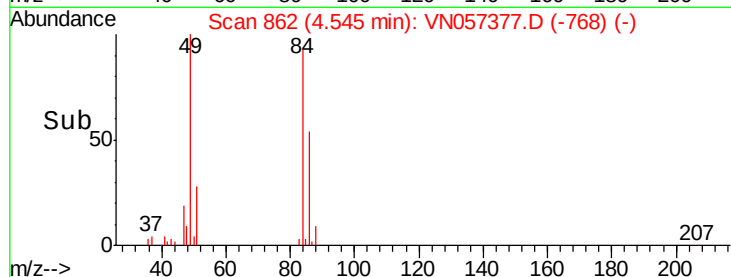
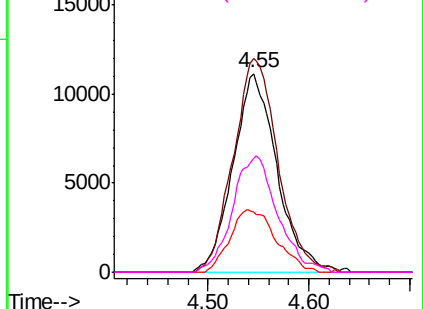
#20
Methylene Chloride
Concen: 2.754 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-A

Tgt Ion: 84 Resp: 33743
Ion Ratio Lower Upper
84 100
49 107.4 92.0 138.0
51 30.0 27.1 40.7
86 57.5 52.2 78.2

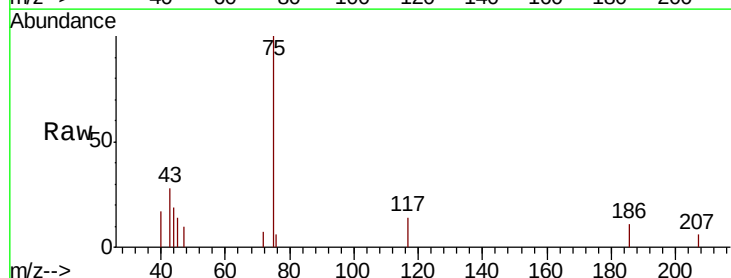


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

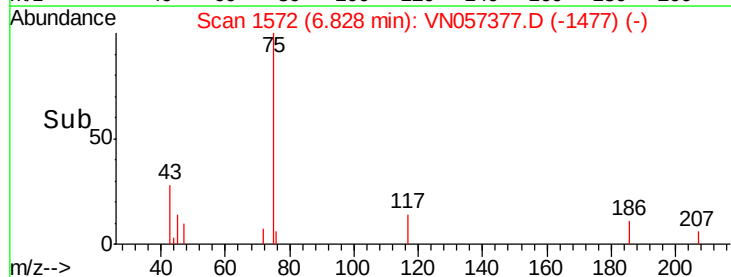
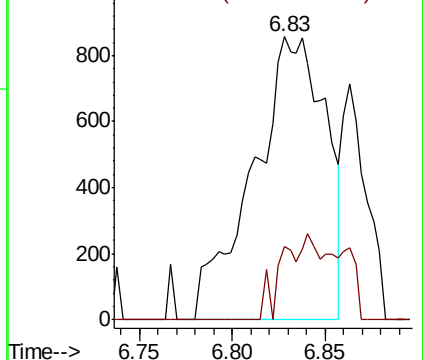


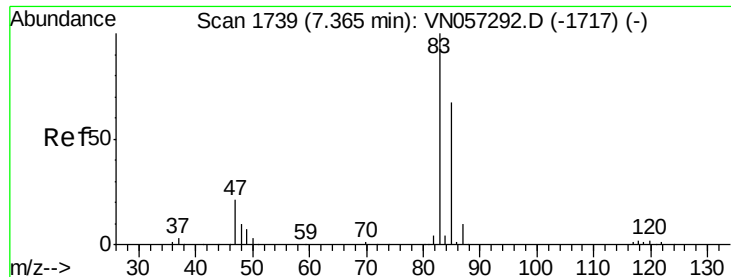
#25
2-Butanone
Concen: 0.369 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
72 26.1 21.5 32.3



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

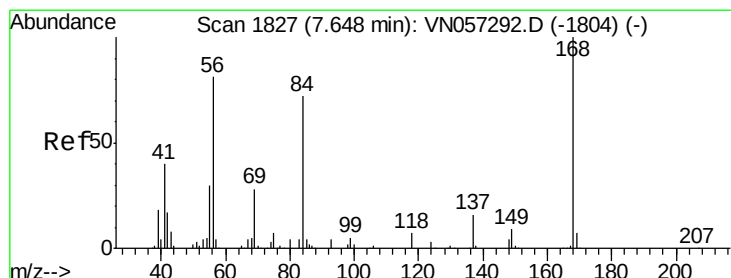
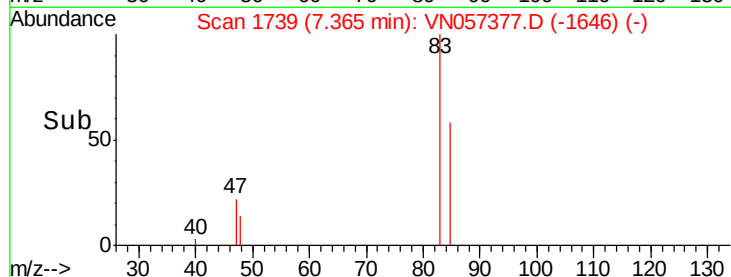
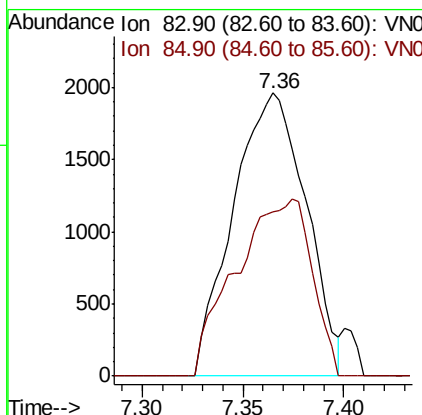
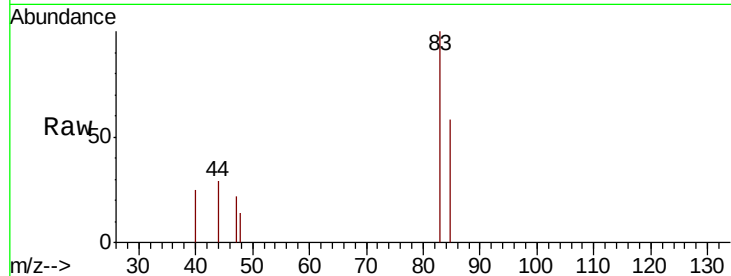




#30
Chloroform
Concen: 0.237 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

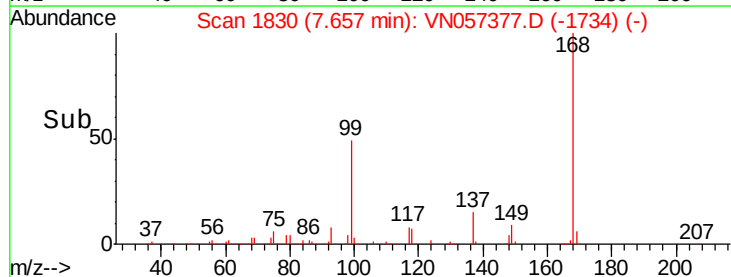
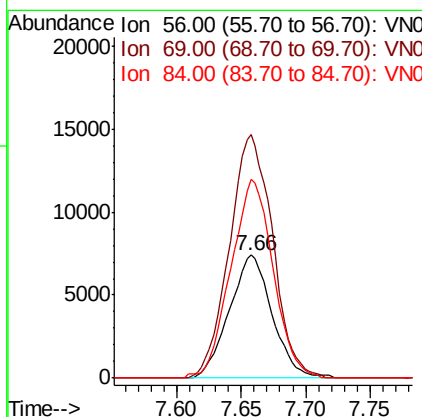
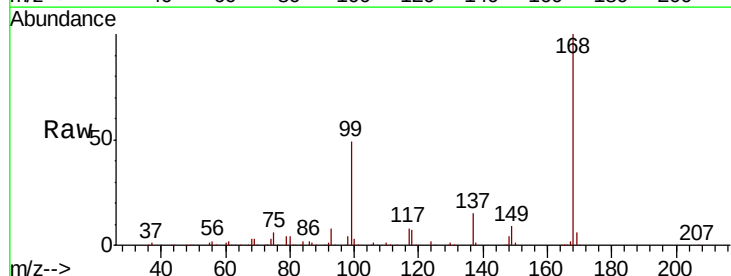
Instrument :
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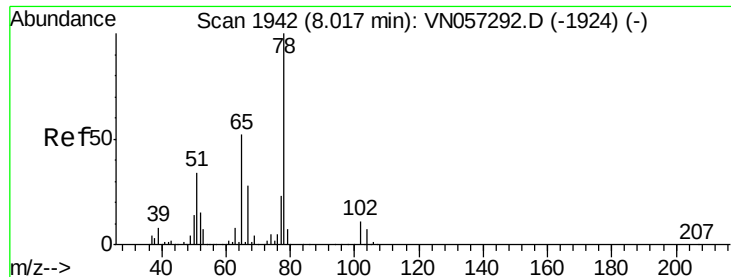
Tgt Ion: 83 Resp: 4927
Ion Ratio Lower Upper
83 100
85 57.9 53.3 79.9



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion: 56 Resp: 17085
Ion Ratio Lower Upper
56 100
69 197.9 27.3 40.9#
84 161.2 71.0 106.6#

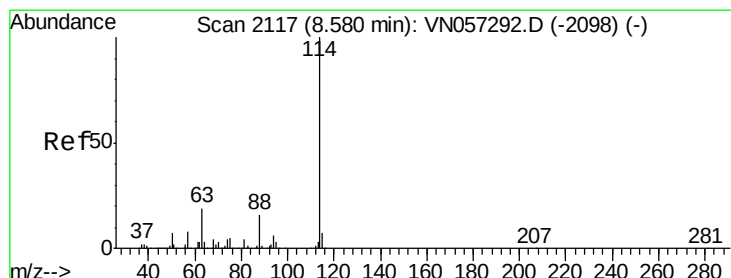
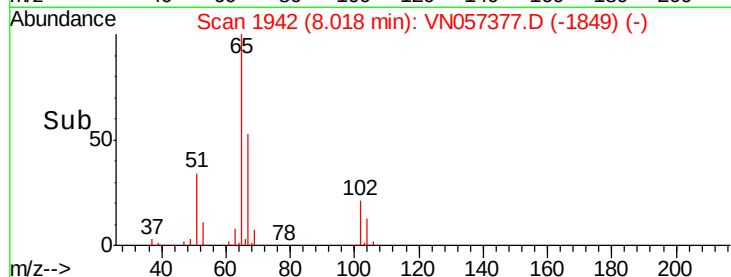
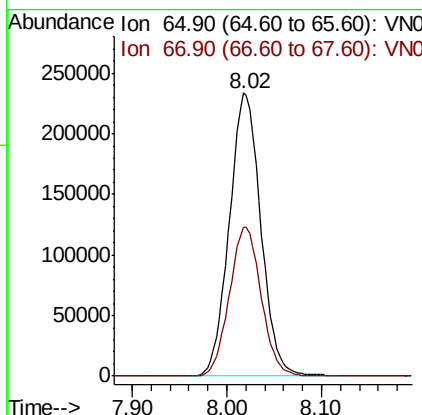
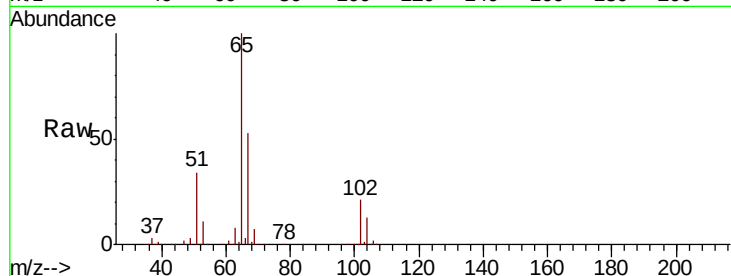




#33
 1,2-Dichloroethane-d4
 Concen: 42.835 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

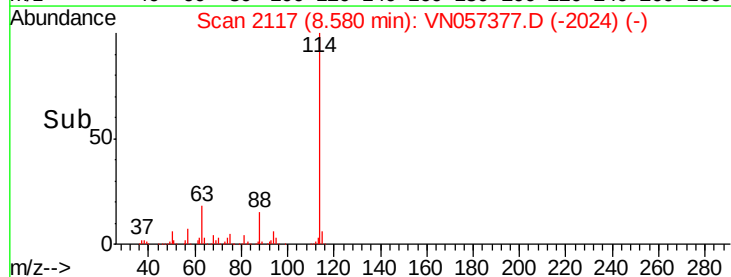
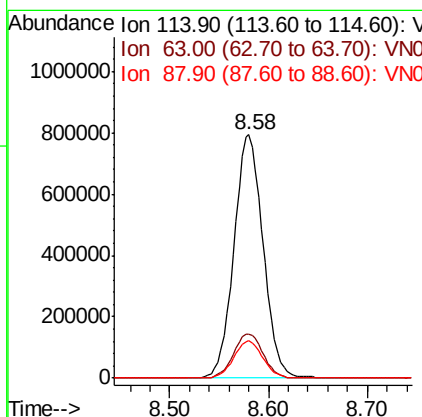
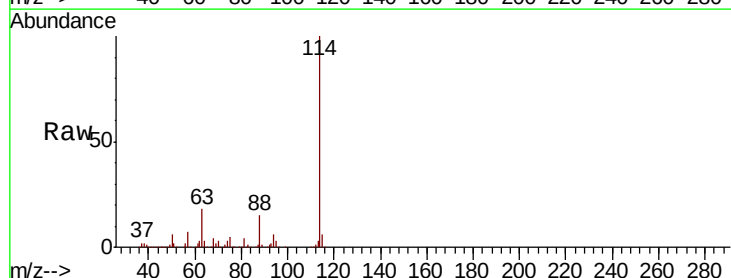
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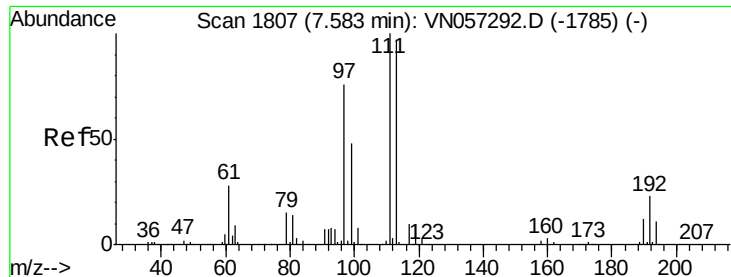
Tgt Ion: 65 Resp: 540677
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion: 114 Resp: 1628351
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.8
 88 15.2 0.0 31.4

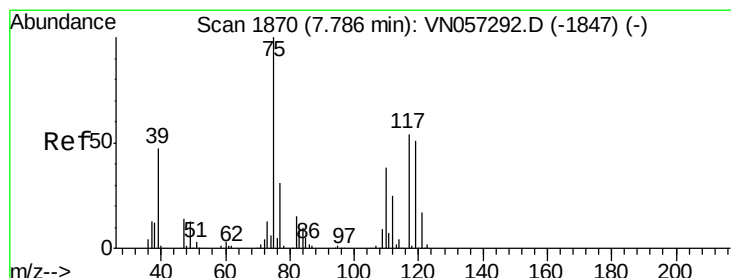
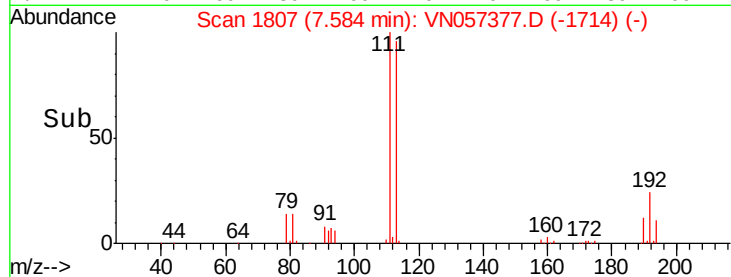
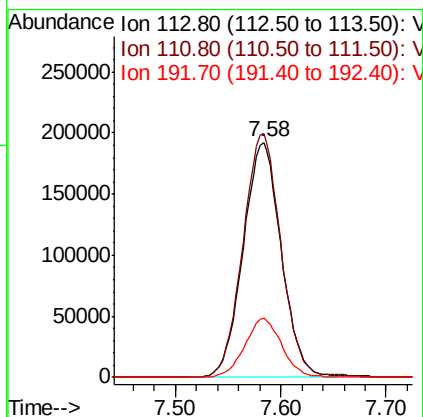
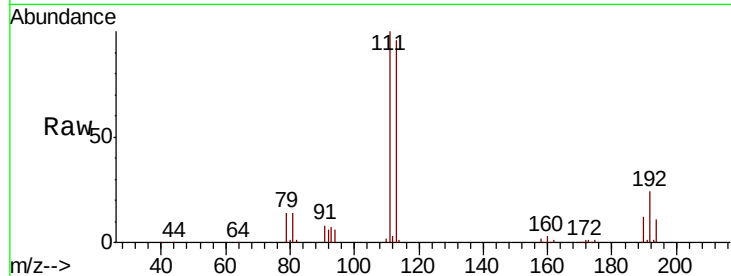




#35
 Dibromofluoromethane
 Concen: 45.284 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

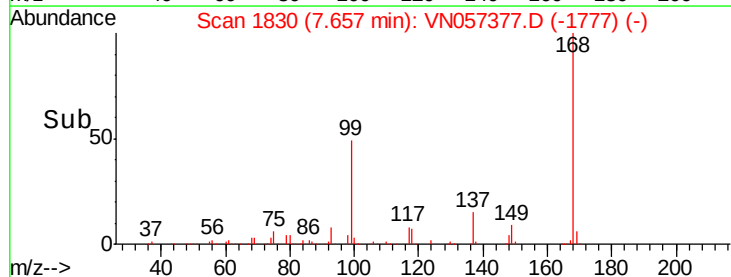
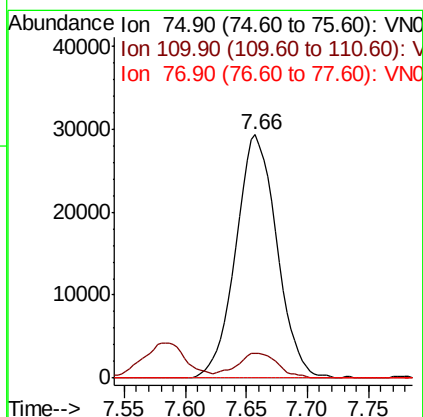
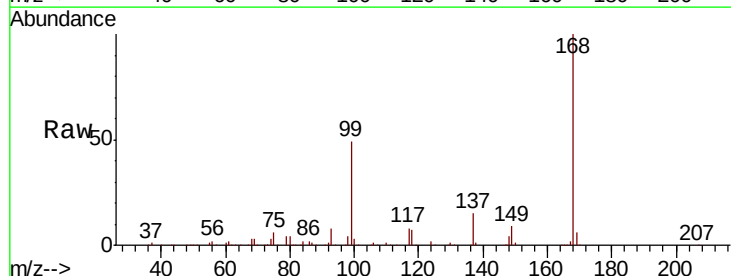
Instrument :
 MSVOA_N
 ClientSampleId :
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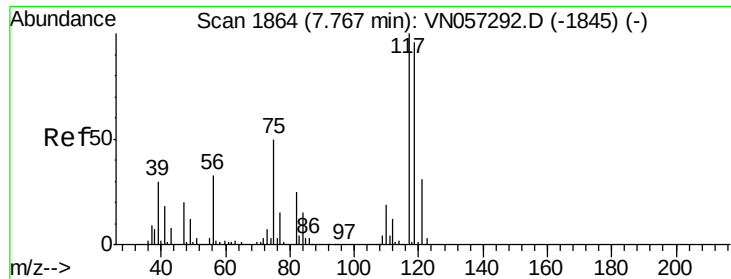
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	24.4	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.5	58.5#
77	0.0	25.0	37.6#

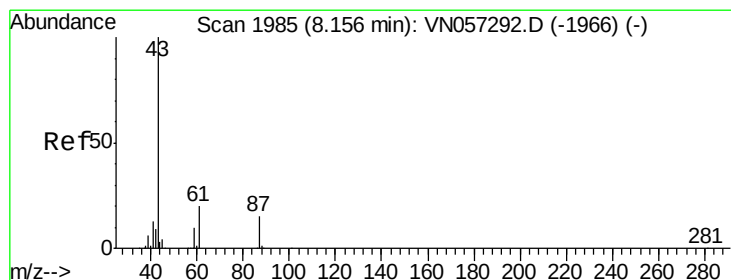
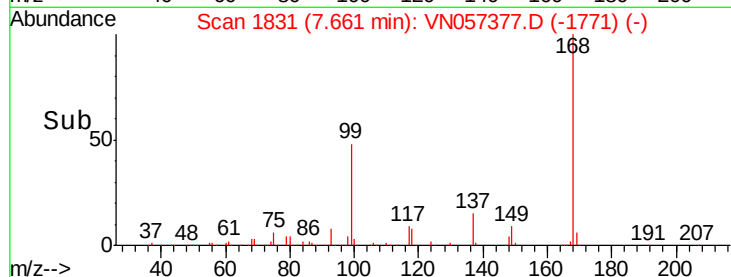
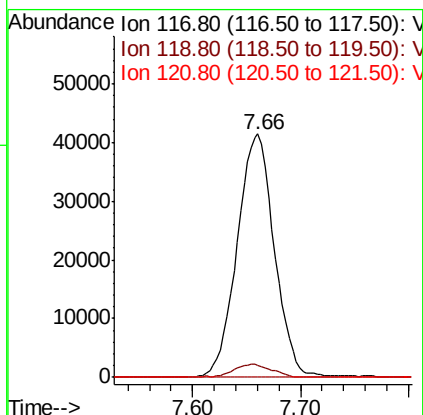
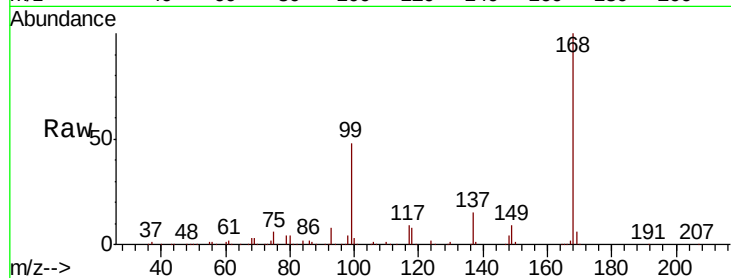




#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

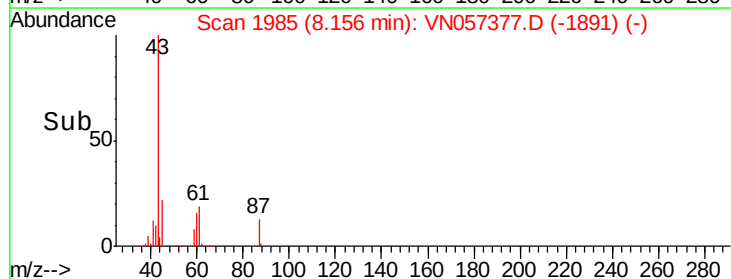
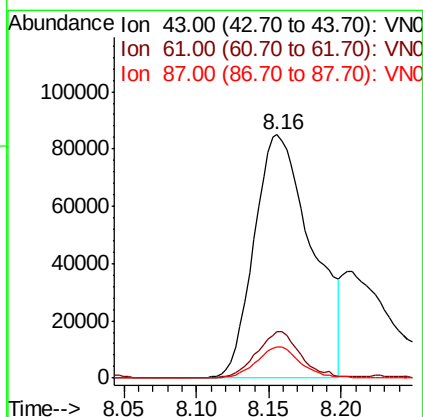
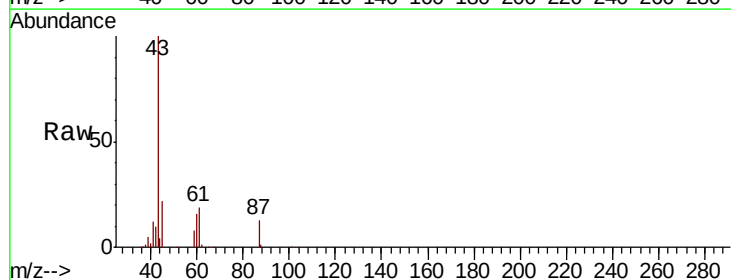
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-A

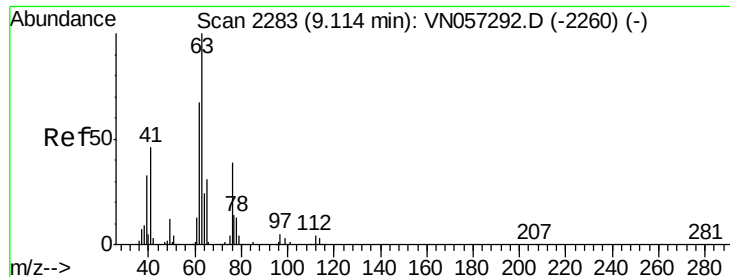
Tgt Ion:117 Resp: 99321
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 10.047 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion: 43 Resp: 235778
Ion Ratio Lower Upper
43 100
61 14.4 21.6 32.4#
87 9.8 11.4 17.0#

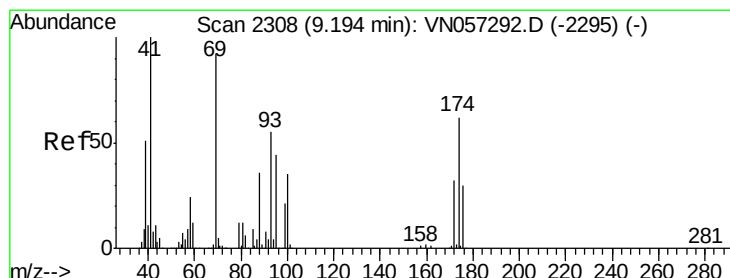
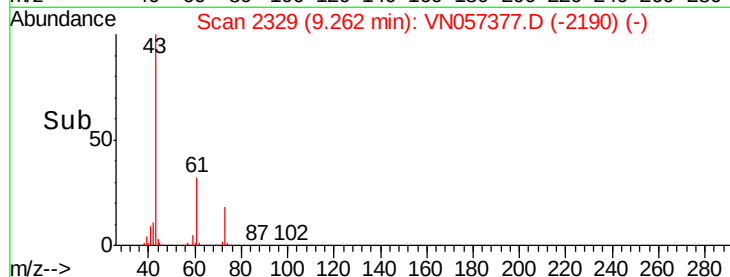
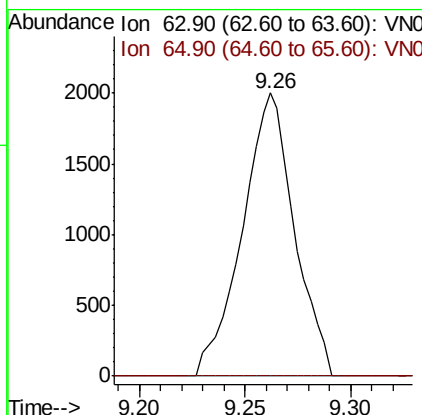
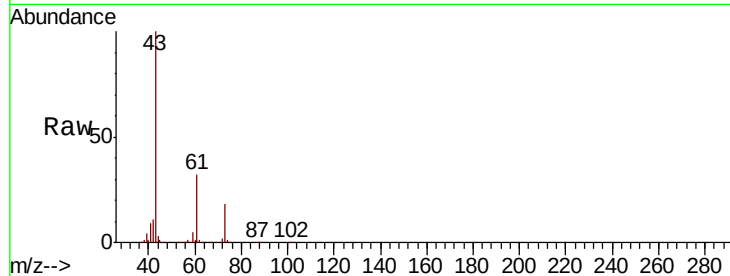




#45
 1,2-Dichloropropane
 Concen: 0.302 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

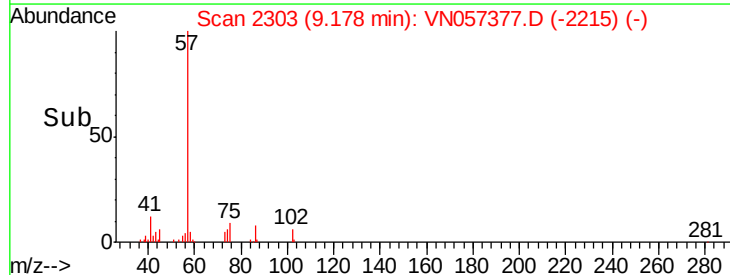
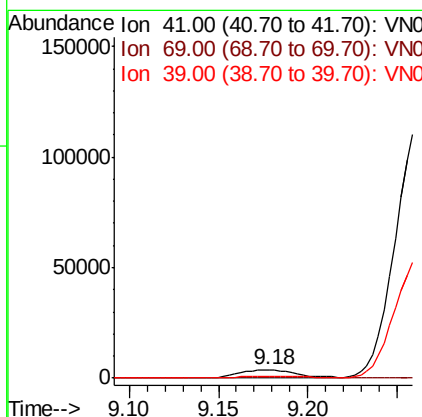
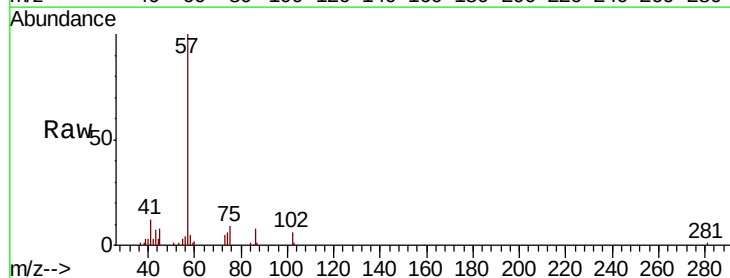
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

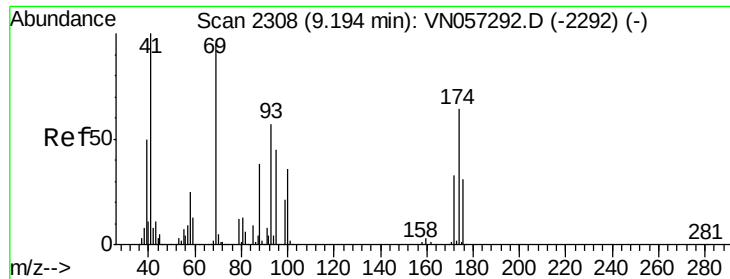
Tgt Ion: 63 Resp: 3424
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.876 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion: 41 Resp: 8492
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#

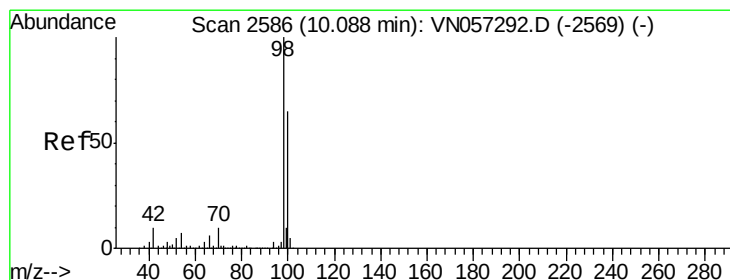
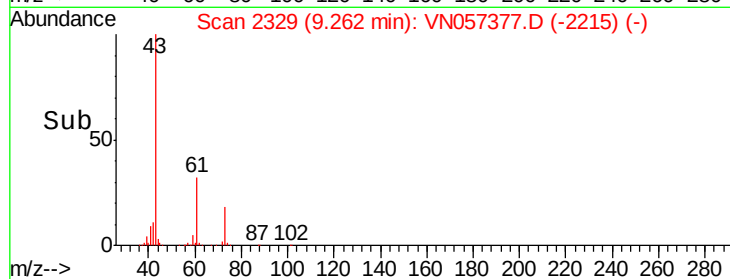
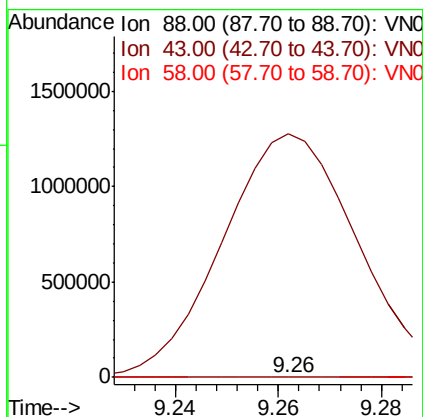
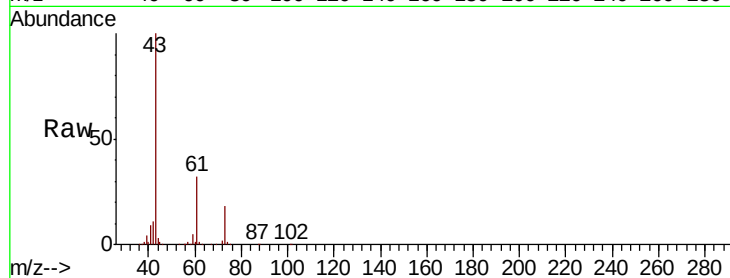




#49
1,4-Dioxane
Concen: 1.618 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

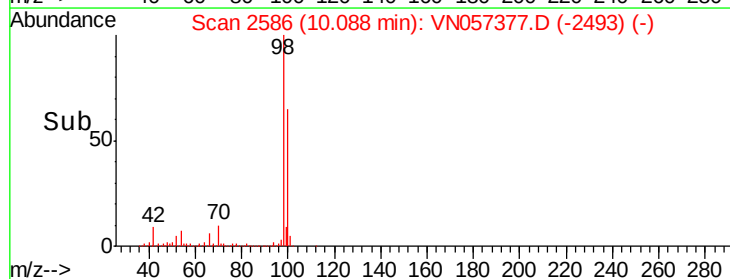
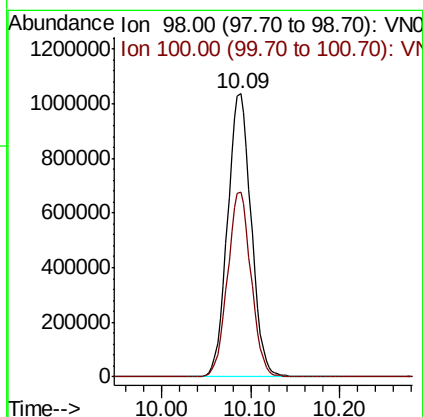
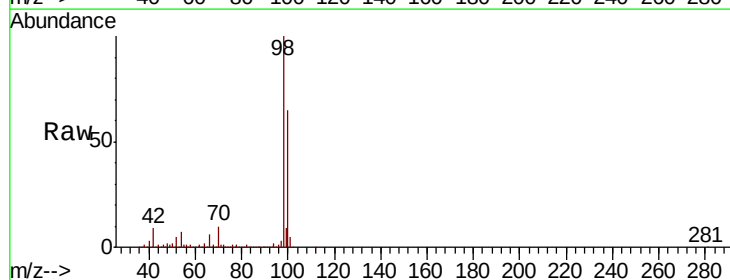
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-A

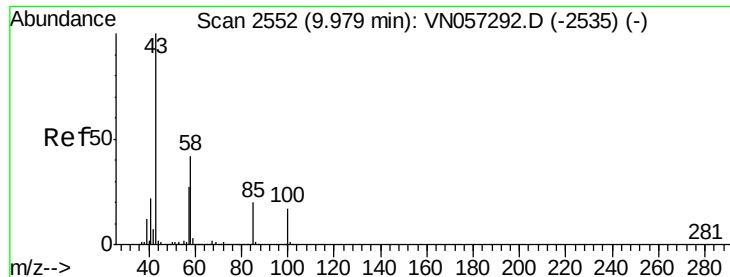
Tgt Ion: 88 Resp: 330
Ion Ratio Lower Upper
88 100
43 716827.3 22.9 34.3#
58 2999.4 52.7 79.1#



#50
Toluene-d8
Concen: 48.743 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion: 98 Resp: 1902998
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

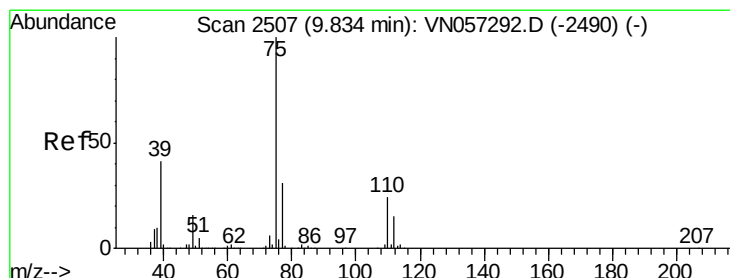
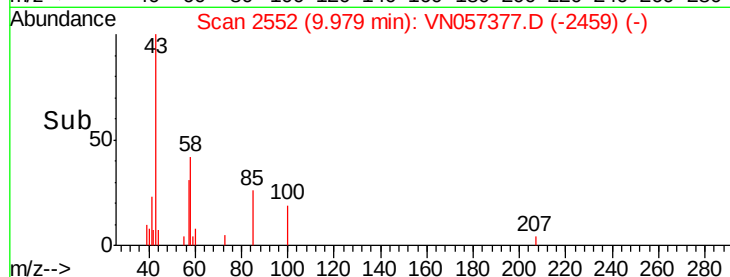
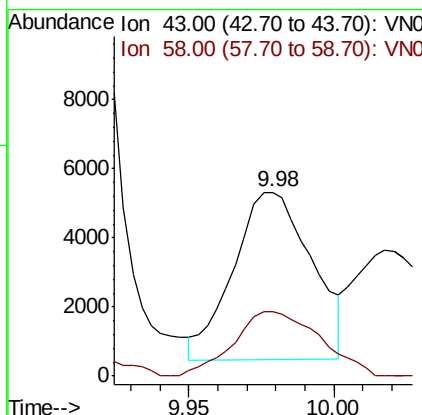
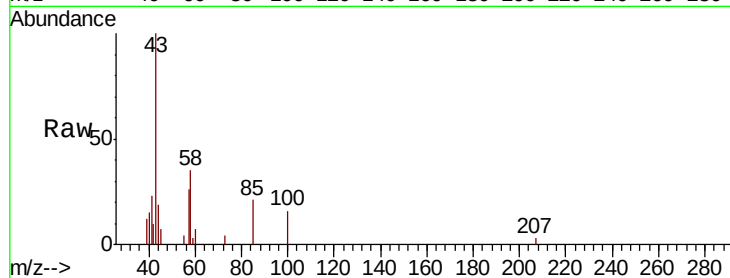




#51
 4-Methyl-2-Pentanone
 Concen: 0.754 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

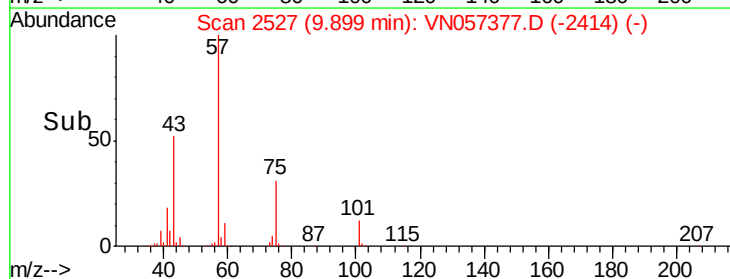
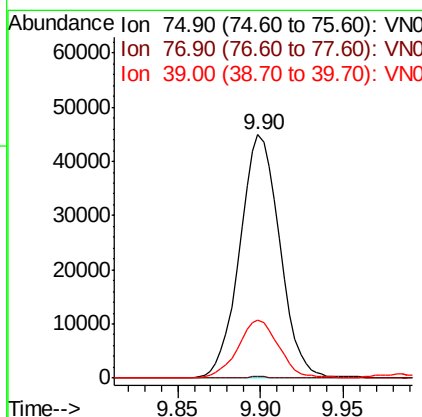
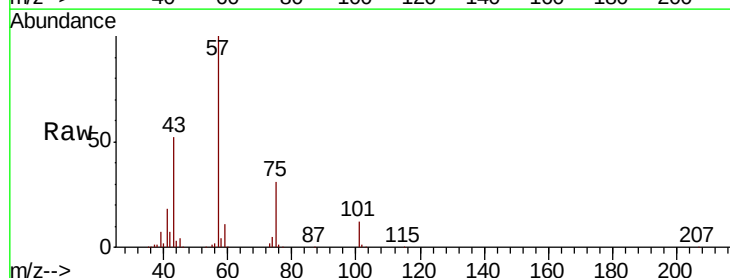
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

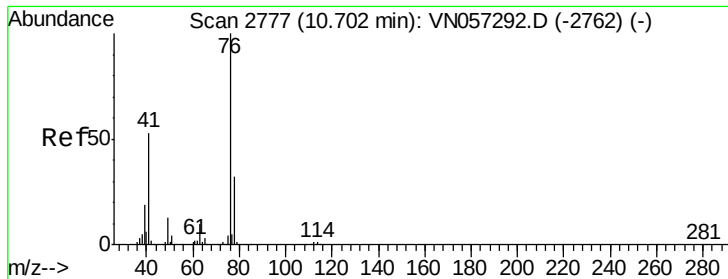
Tgt Ion: 43 Resp: 9160
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.223 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion: 75 Resp: 75470
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.9 37.3#
 39 23.8 32.7 49.1#

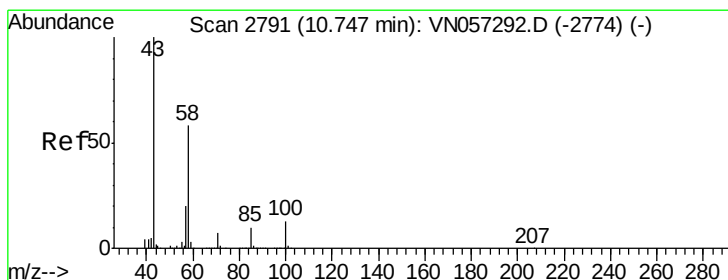
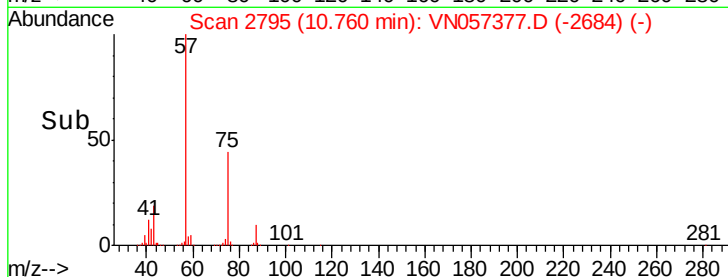
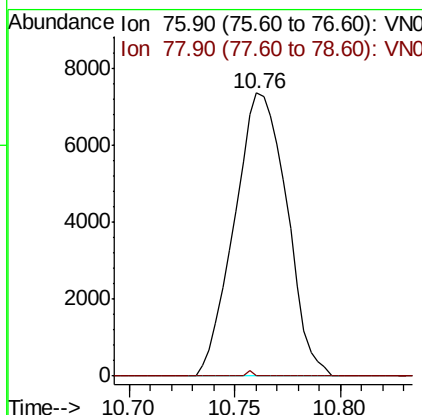
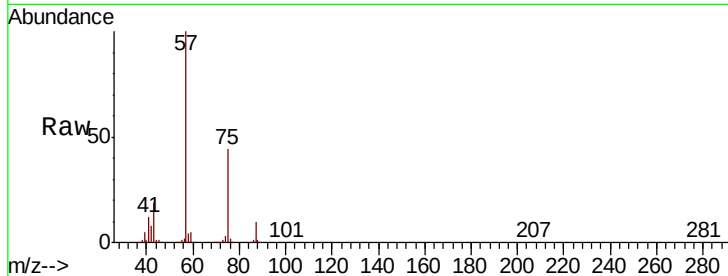




#57
 1,3-Dichloropropane
 Concen: 0.705 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

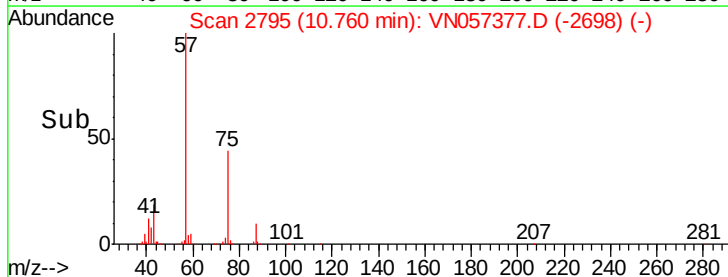
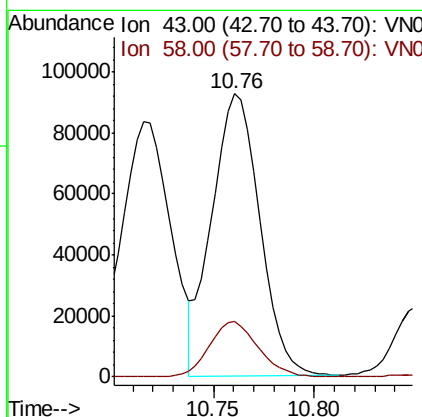
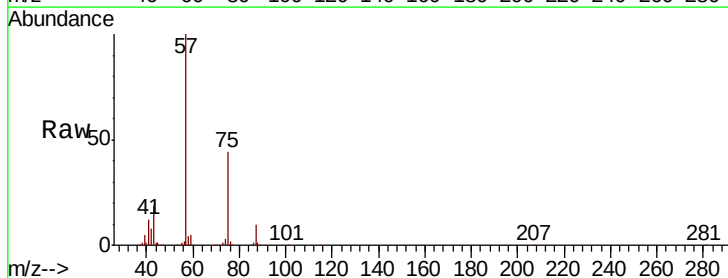
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

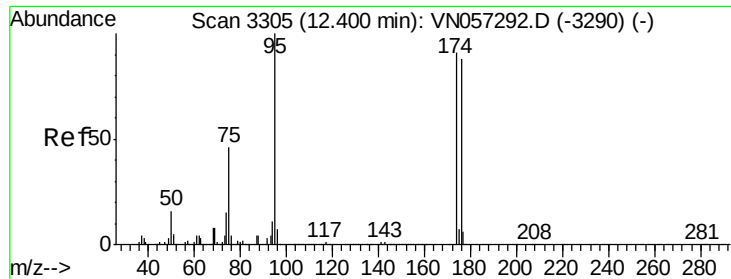
Tgt Ion: 76 Resp: 12674
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.6 38.4#



#59
 2-Hexanone
 Concen: 17.578 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion: 43 Resp: 153524
 Ion Ratio Lower Upper
 43 100
 58 20.0 28.6 85.9#

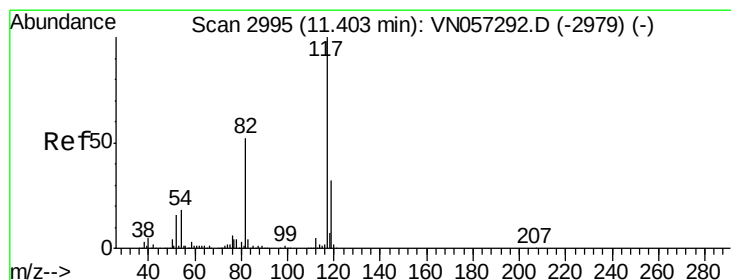
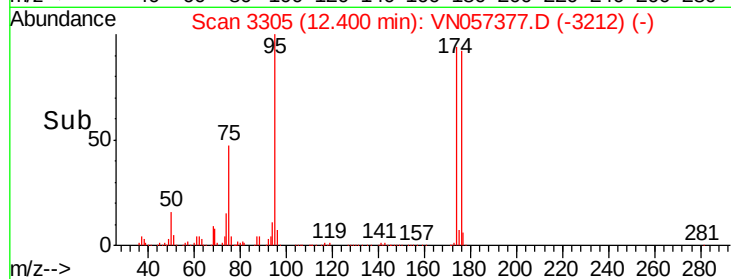
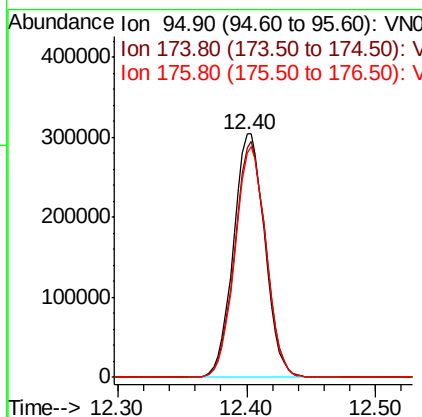
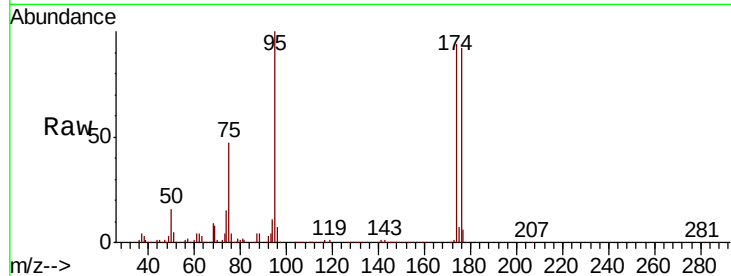




#62
4-Bromofluorobenzene
Concen: 37.164 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

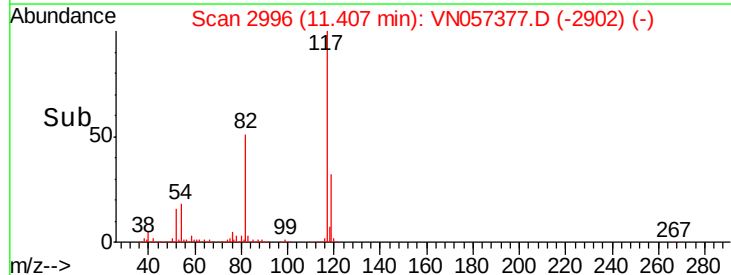
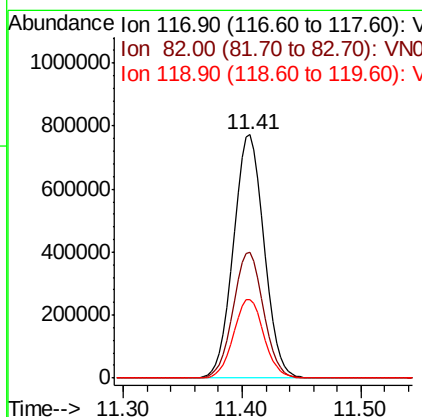
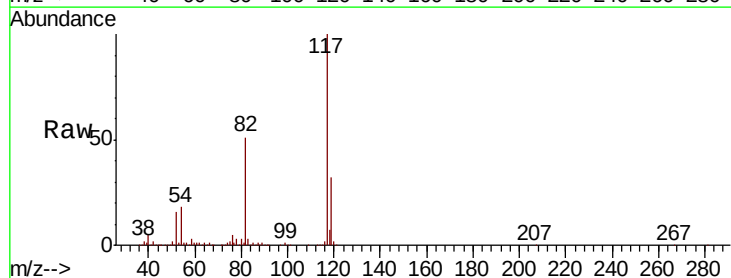
Instrument :
MSVOA_N
ClientSampleId :
JC-03-081519-A

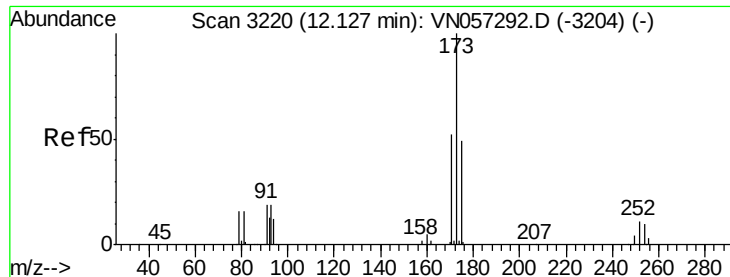
Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	185.0
176	94.0	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.2	61.8
119	32.2	25.8	38.8





#71

Bromoform

Concen: 0.561 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-A

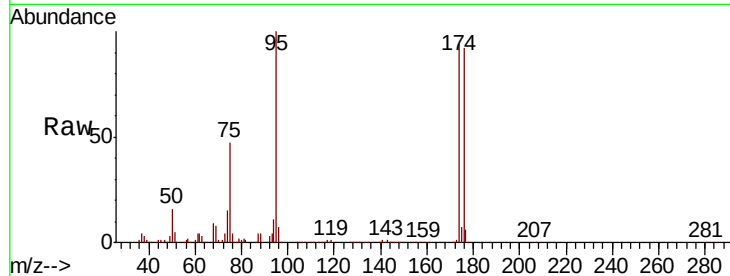
Tgt Ion:173 Resp: 4764

Ion Ratio Lower Upper

173 100

175 666.8 24.2 72.6#

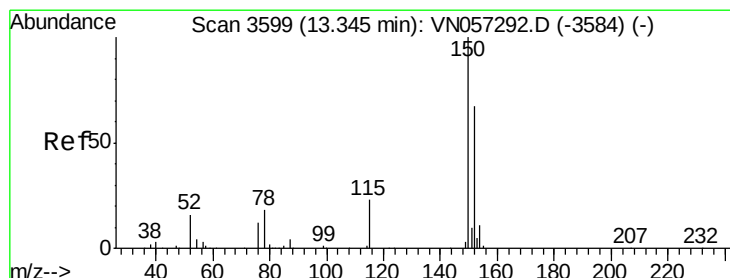
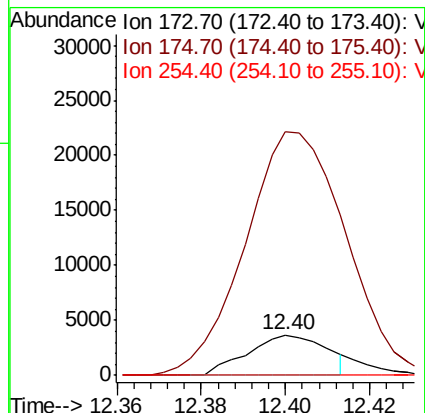
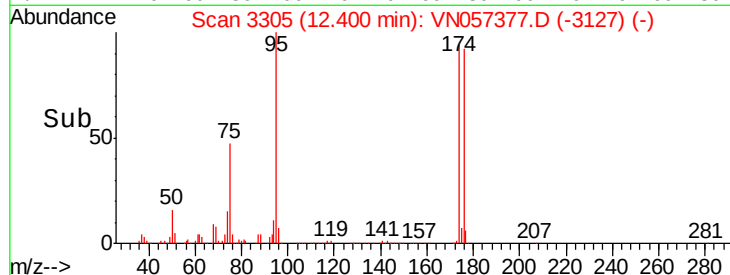
254 0.0 0.2 0.2#



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: VN057377.D

Acq: 17 Aug 2019 00:51

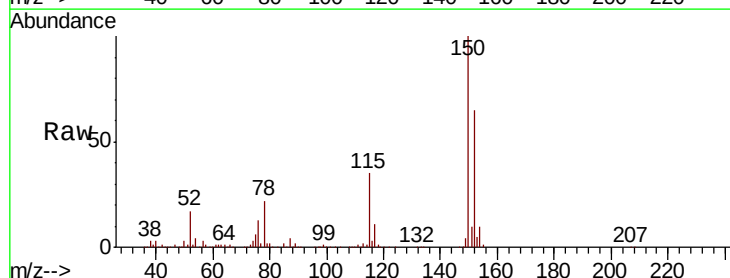
Tgt Ion:152 Resp: 379134

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

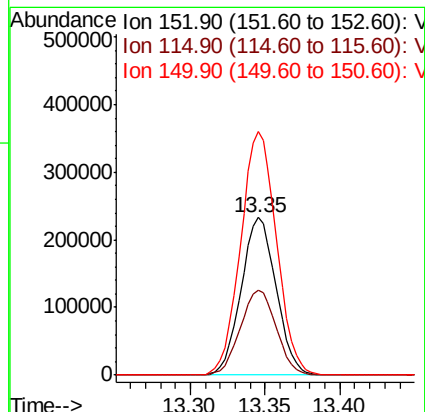
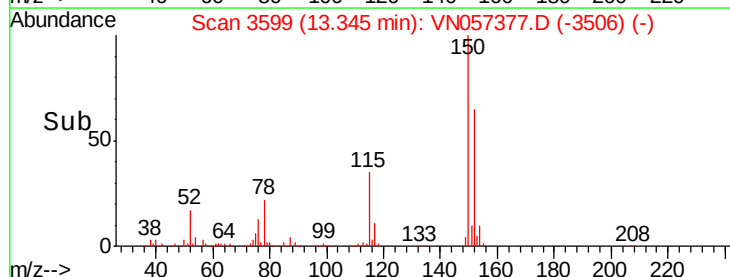
150 158.2 0.0 344.4

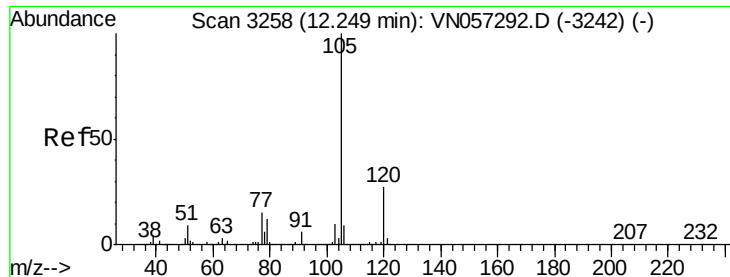


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3258

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

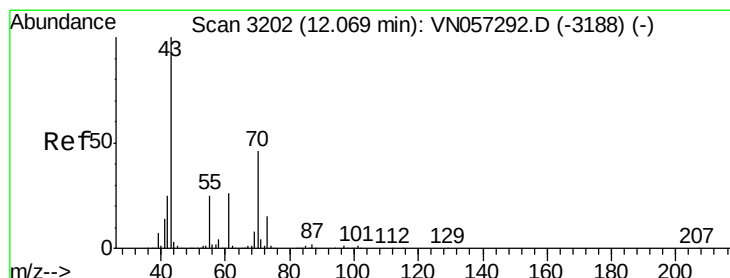
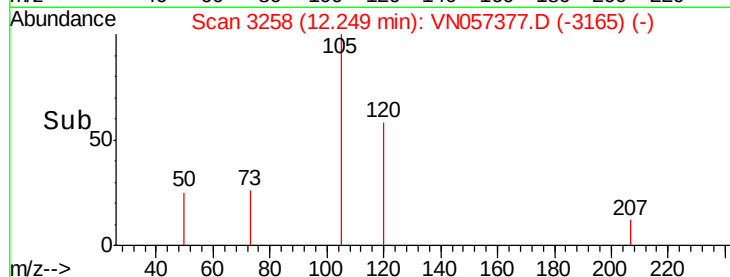
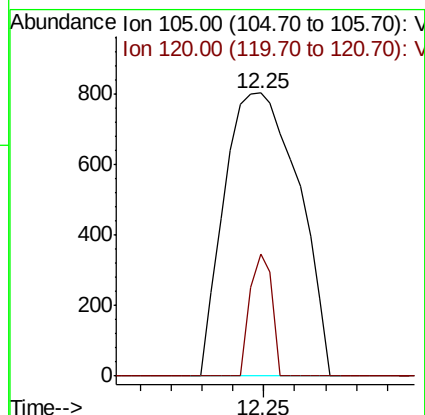
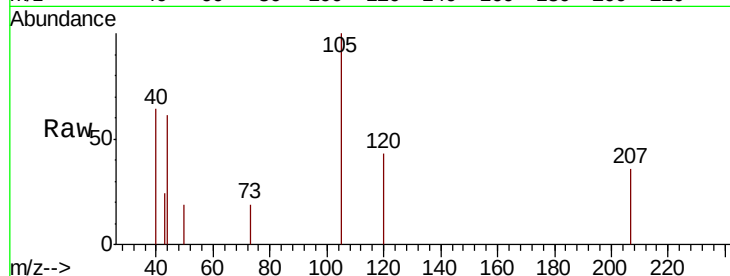
JC-03-081519-A

Tgt Ion: 105 Resp: 1340

Ion Ratio Lower Upper

105 100

120 12.9 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.515 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Tgt Ion: 43 Resp: 5668

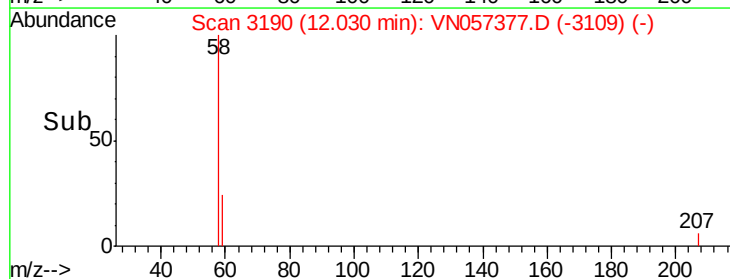
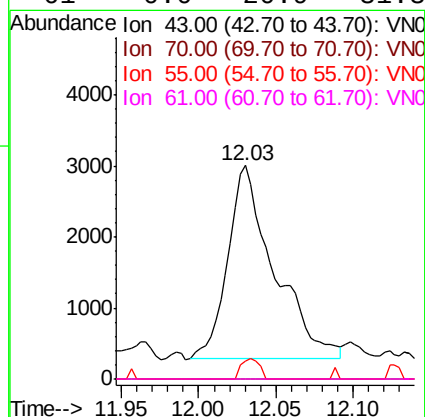
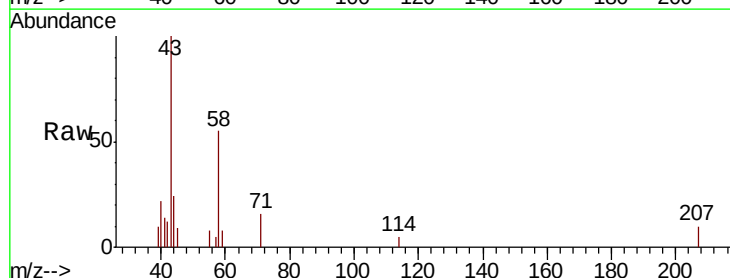
Ion Ratio Lower Upper

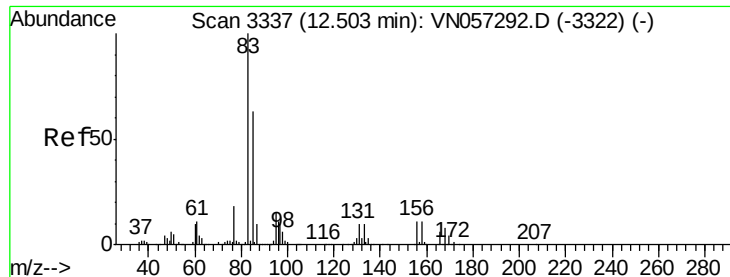
43 100

70 0.0 36.2 54.2#

55 3.9 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.46 min Scan# 3323

Delta R.T. -0.04 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-A

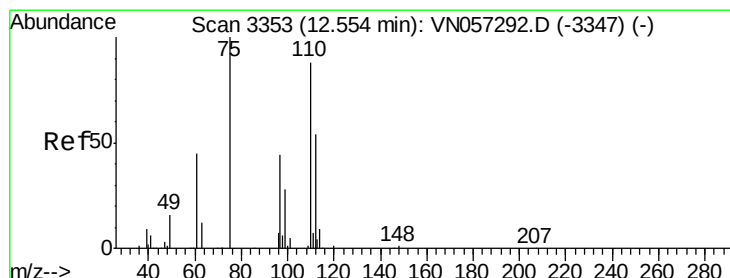
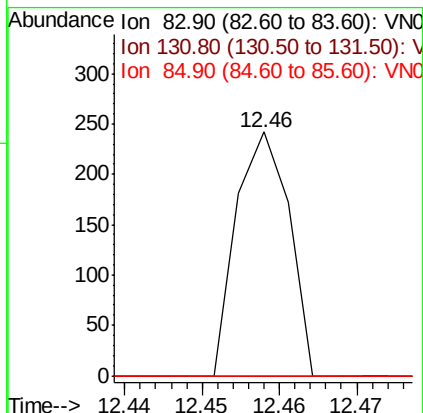
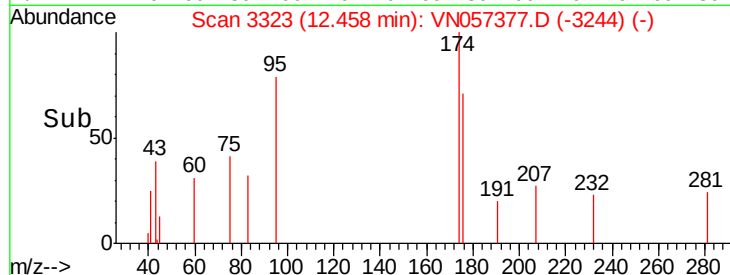
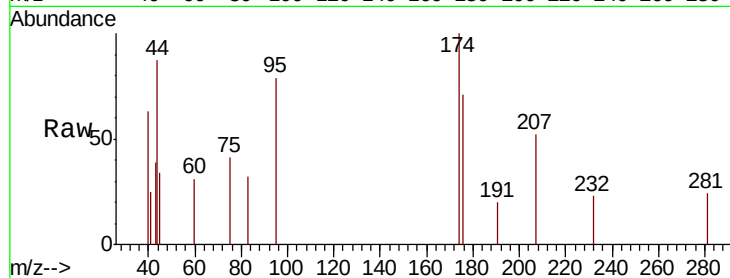
Tgt Ion: 83 Resp: 115

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 31.298 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057377.D

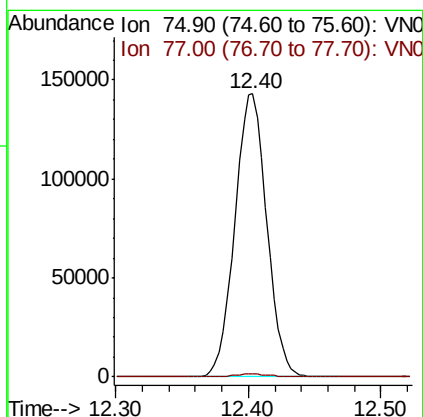
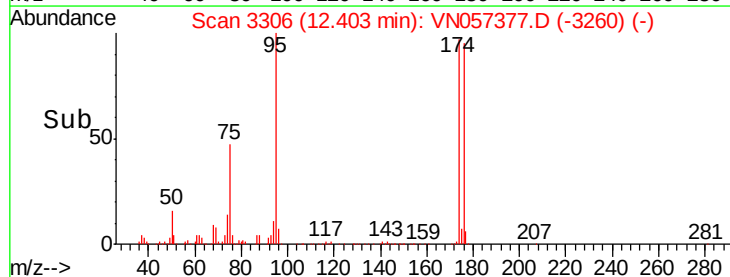
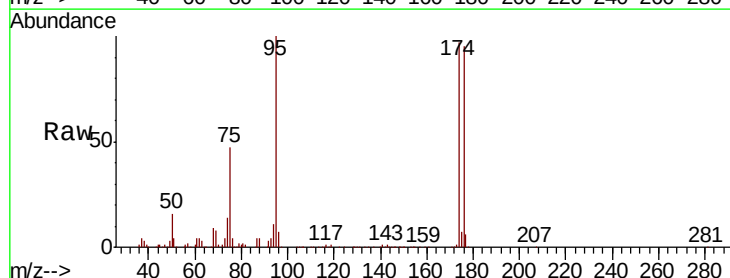
Acq: 17 Aug 2019 00:51

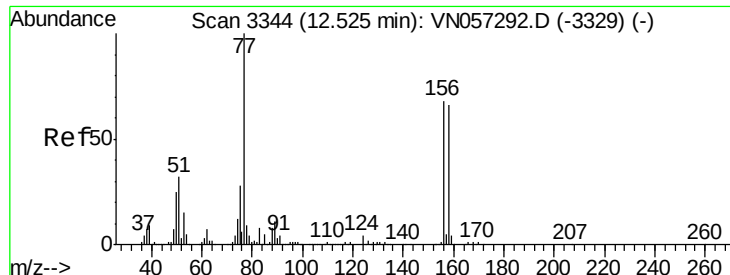
Tgt Ion: 75 Resp: 238850

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-A

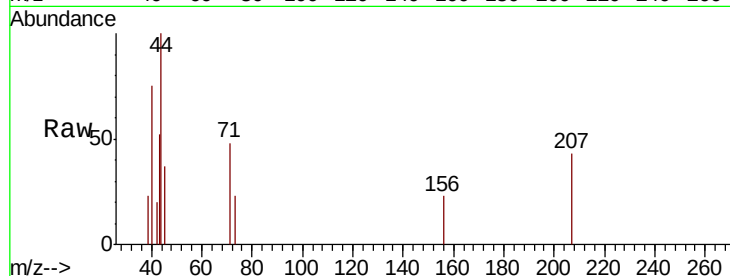
Tgt Ion: 156 Resp: 65

Ion Ratio Lower Upper

156 100

77 0.0 89.8 269.6#

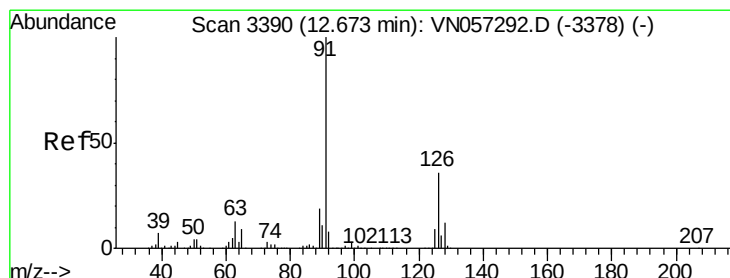
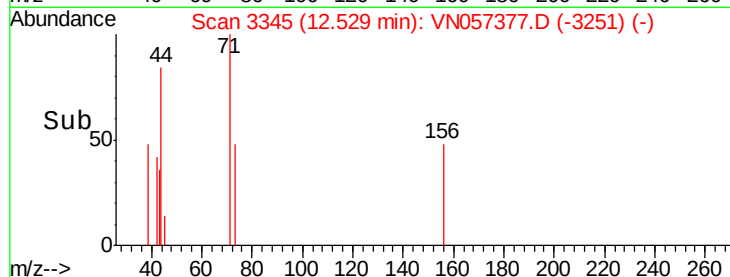
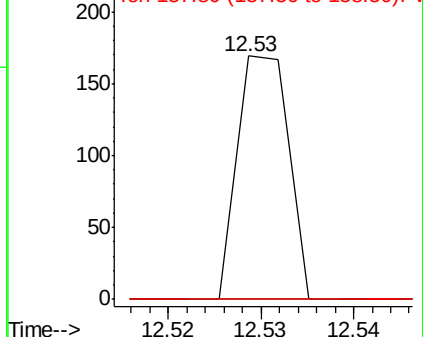
158 0.0 49.3 147.8#



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: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN057377.D

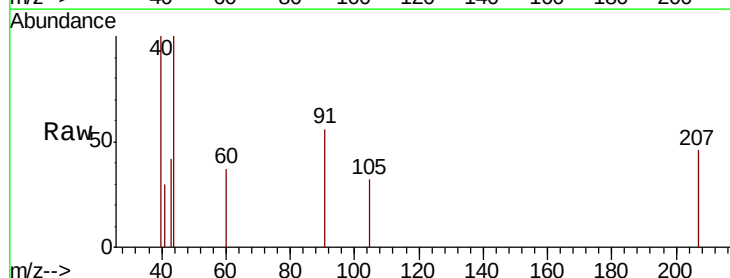
Acq: 17 Aug 2019 00:51

Tgt Ion: 91 Resp: 227

Ion Ratio Lower Upper

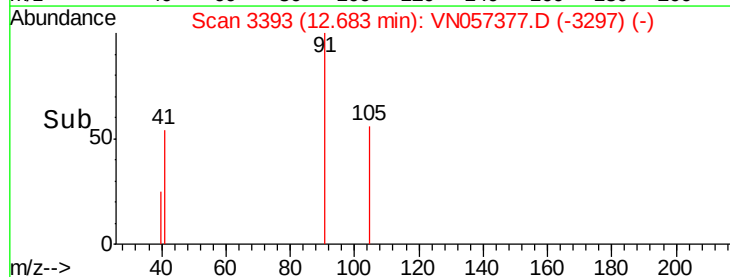
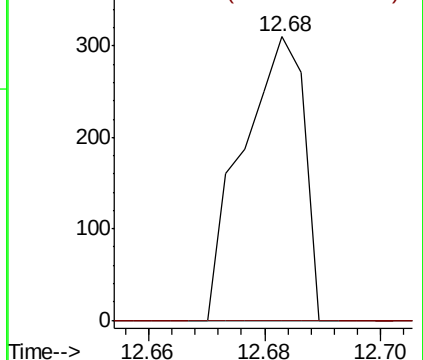
91 100

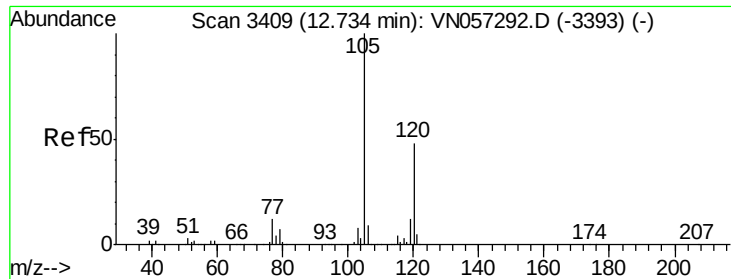
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

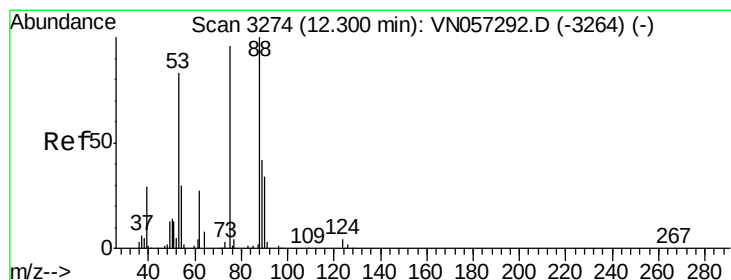
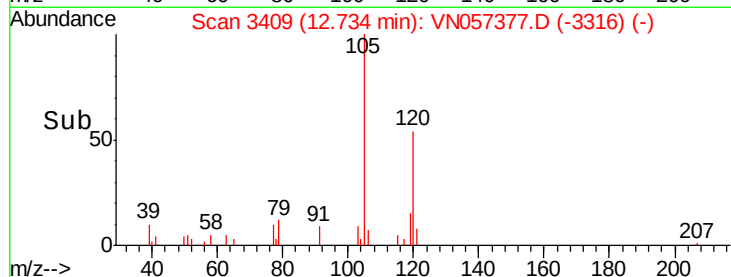
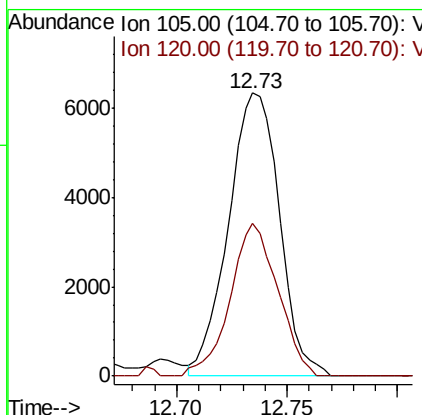
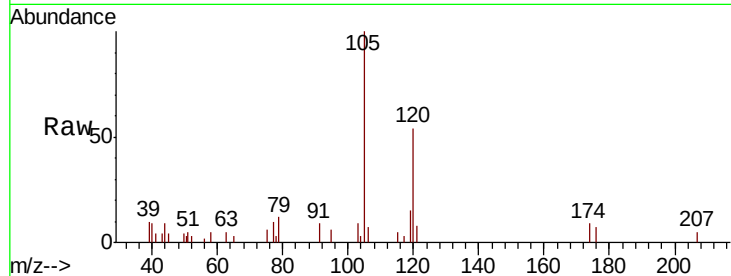




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

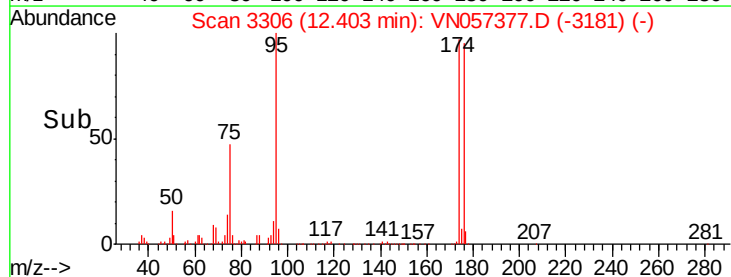
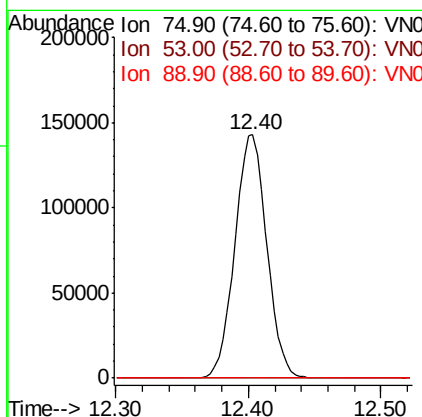
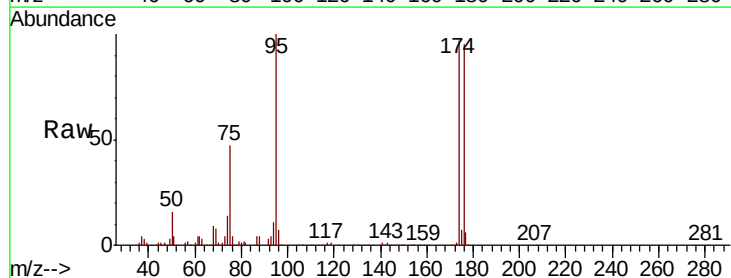
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

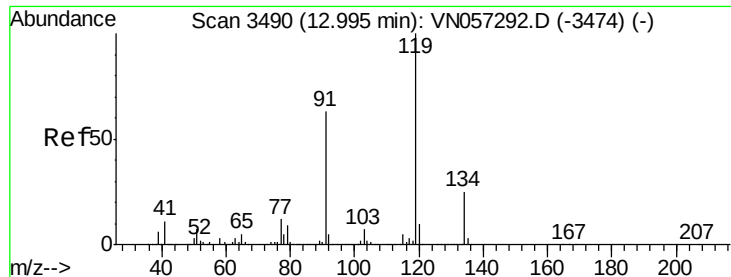
Tgt Ion: 105 Resp: 10200
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.820 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion: 75 Resp: 238850
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

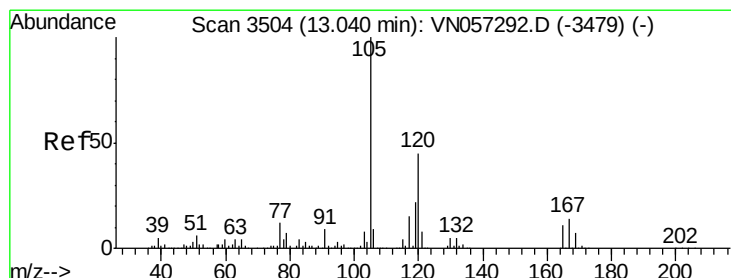
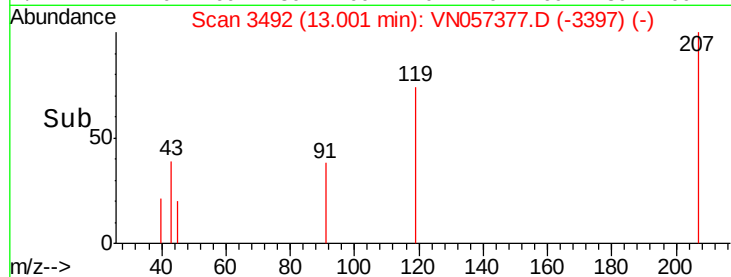
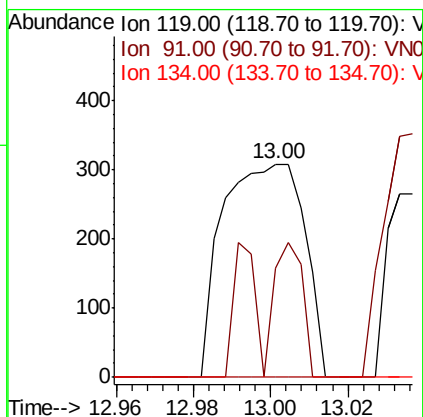
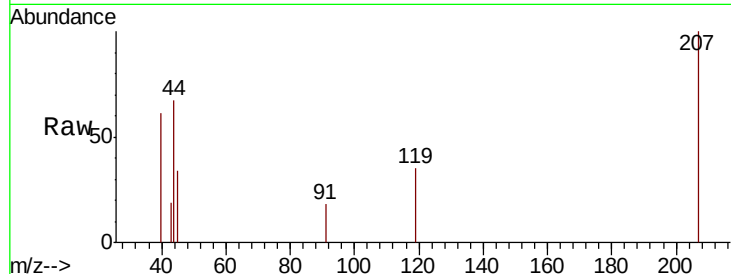




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

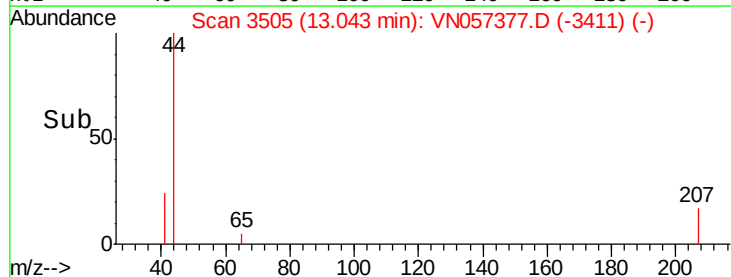
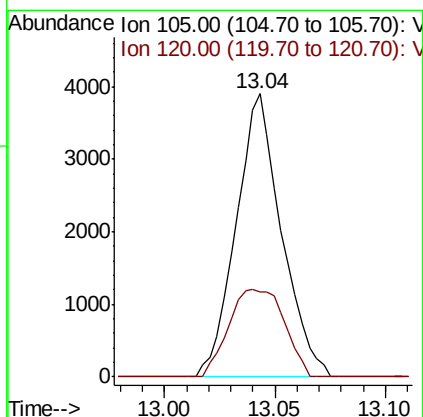
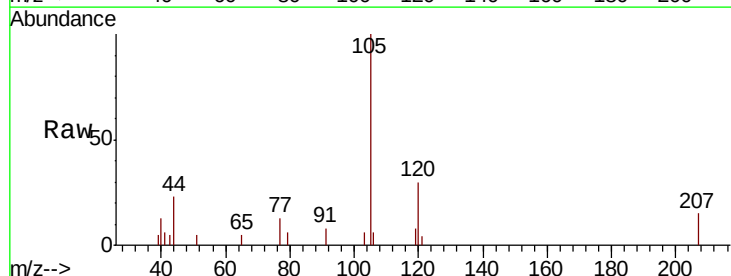
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

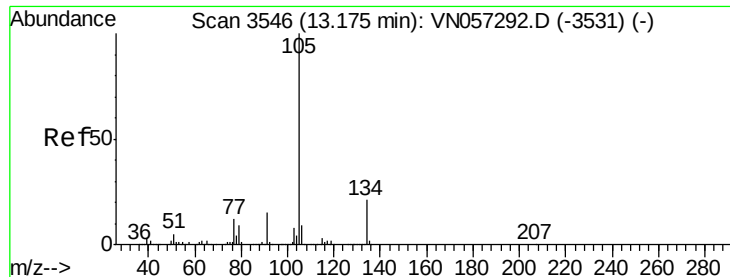
Tgt Ion:119 Resp: 452
 Ion Ratio Lower Upper
 119 100
 91 22.1 31.3 93.8#
 134 0.0 13.1 39.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.205 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion:105 Resp: 5587
 Ion Ratio Lower Upper
 105 100
 120 37.8 22.6 67.7





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

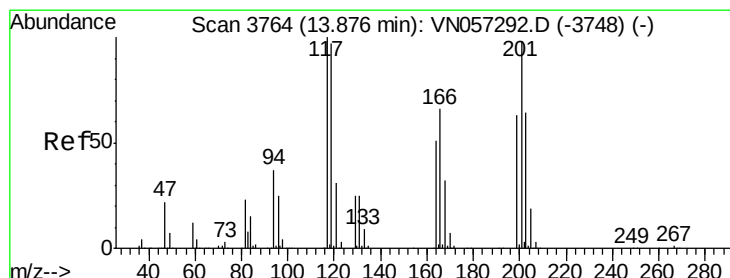
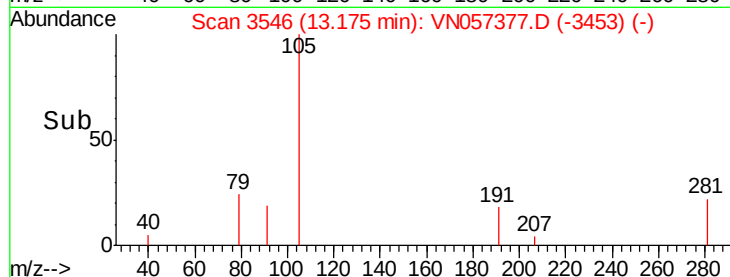
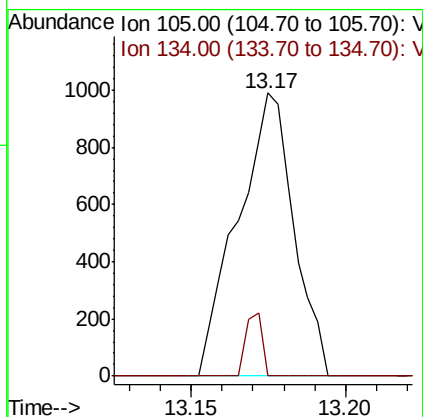
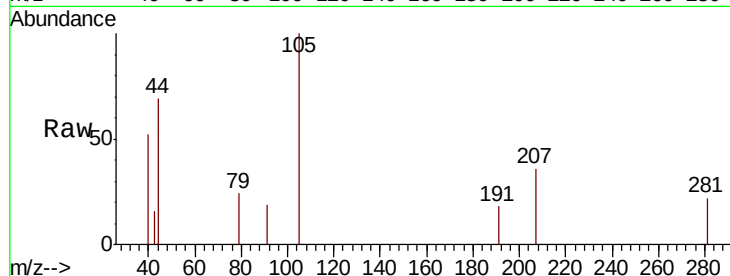
JC-03-081519-A

Tgt Ion:105 Resp: 1252

Ion Ratio Lower Upper

105 100

134 6.5 10.4 31.2#



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN057377.D

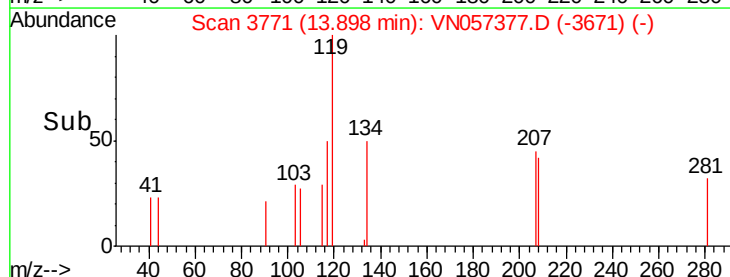
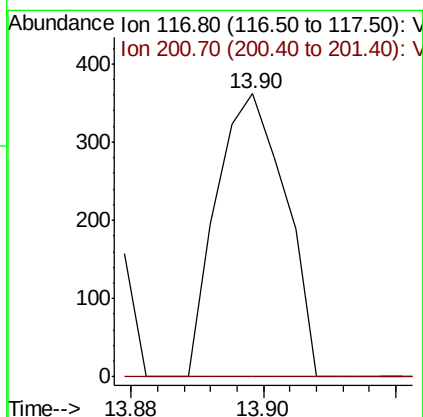
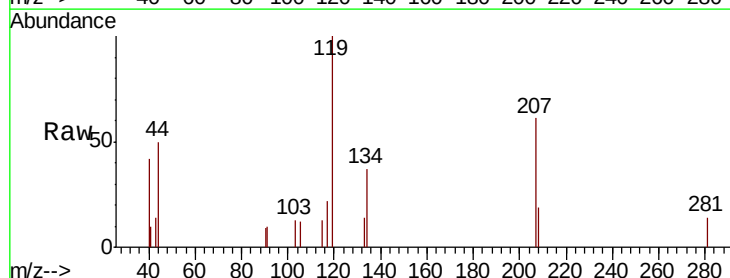
Acq: 17 Aug 2019 00:51

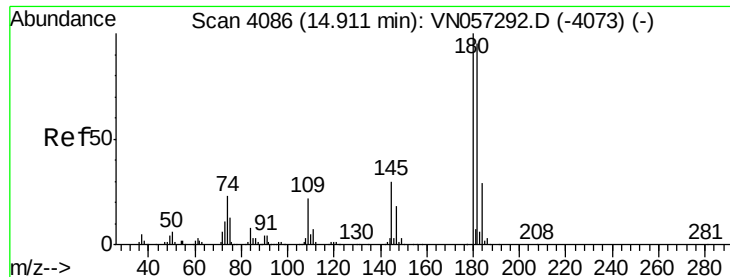
Tgt Ion:117 Resp: 260

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.0#

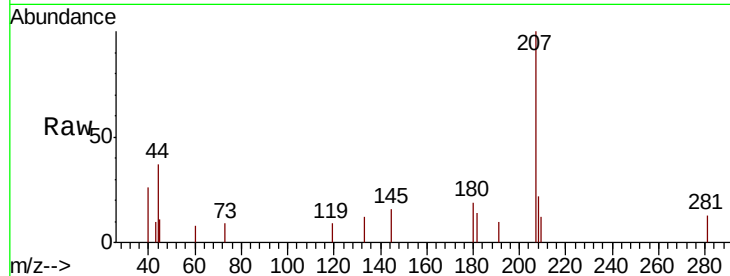




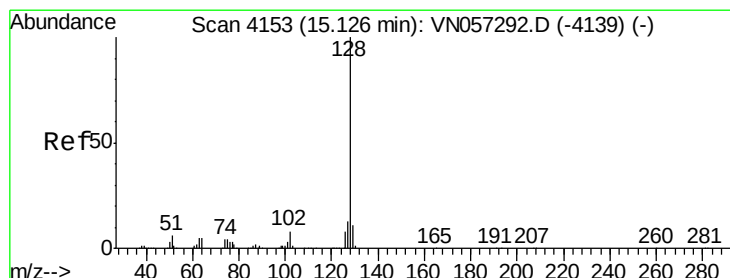
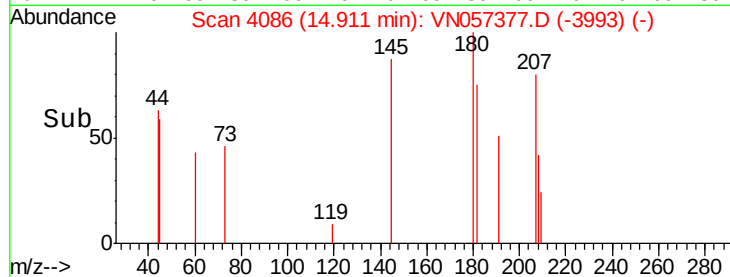
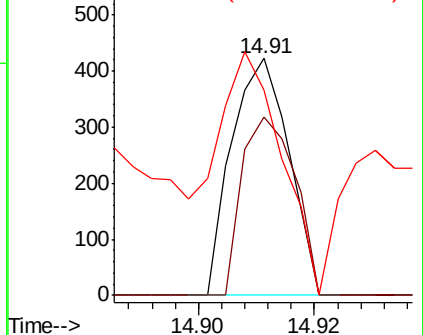
#93
 1,2,4-Trichlorobenzene
 Concen: 5.408 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

Tgt Ion:180 Resp: 288
 Ion Ratio Lower Upper
 180 100
 182 69.8 48.0 144.2
 145 117.0 14.5 43.6#

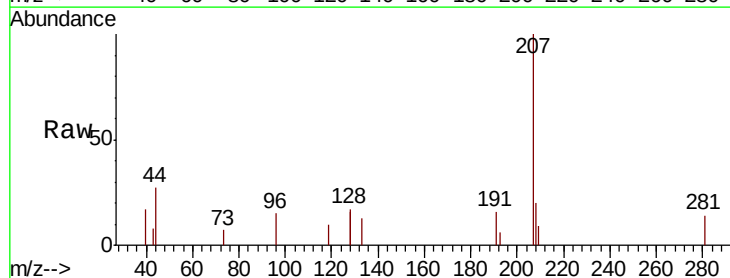


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

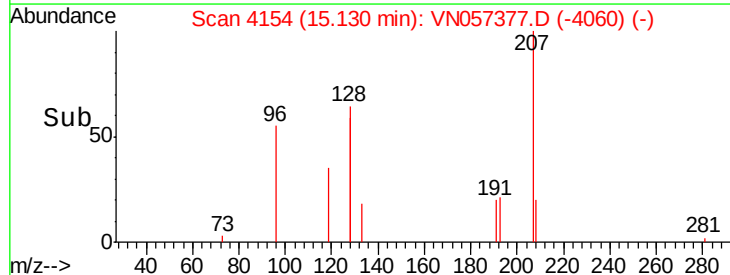
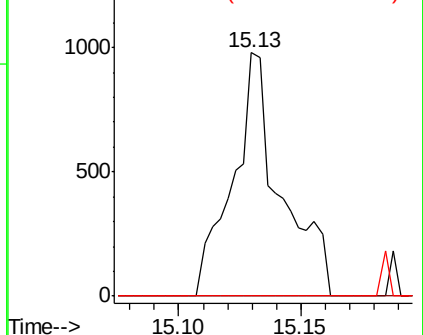


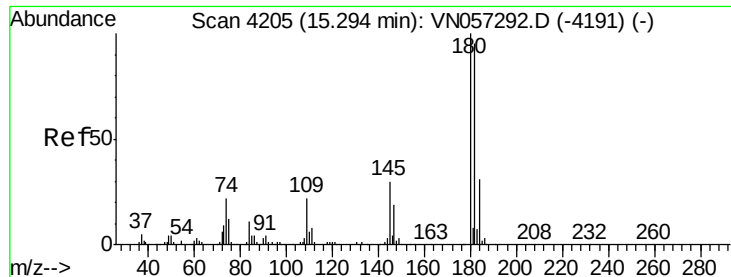
#95
 Naphthalene
 Concen: Below Cal
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Tgt Ion:128 Resp: 1321
 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

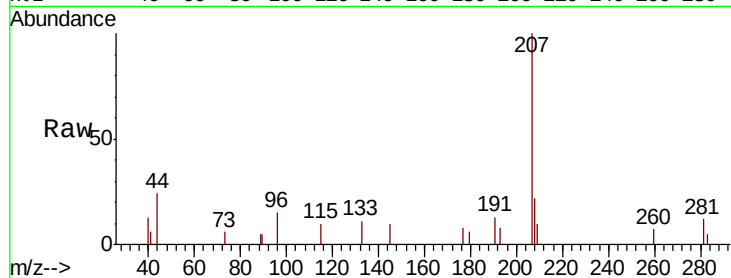




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057377.D
 Acq: 17 Aug 2019 00:51

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

Tgt Ion	Ratio	Lower	Upper
180	100		
182	13.4	47.9	143.6#
145	178.7	15.1	45.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

