

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054194.D
 Acq On : 13 Mar 2019 5:40
 Operator : JC/SP
 Sample : K1697-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-031119-B

Quant Time: Mar 13 07:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1427634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2384283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2534813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1180088	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	789366	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	736402	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	10.09	98	2964745	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	1184359	59.60	ug/l	0.00
Spiked Amount			Recovery	=	119.20%	

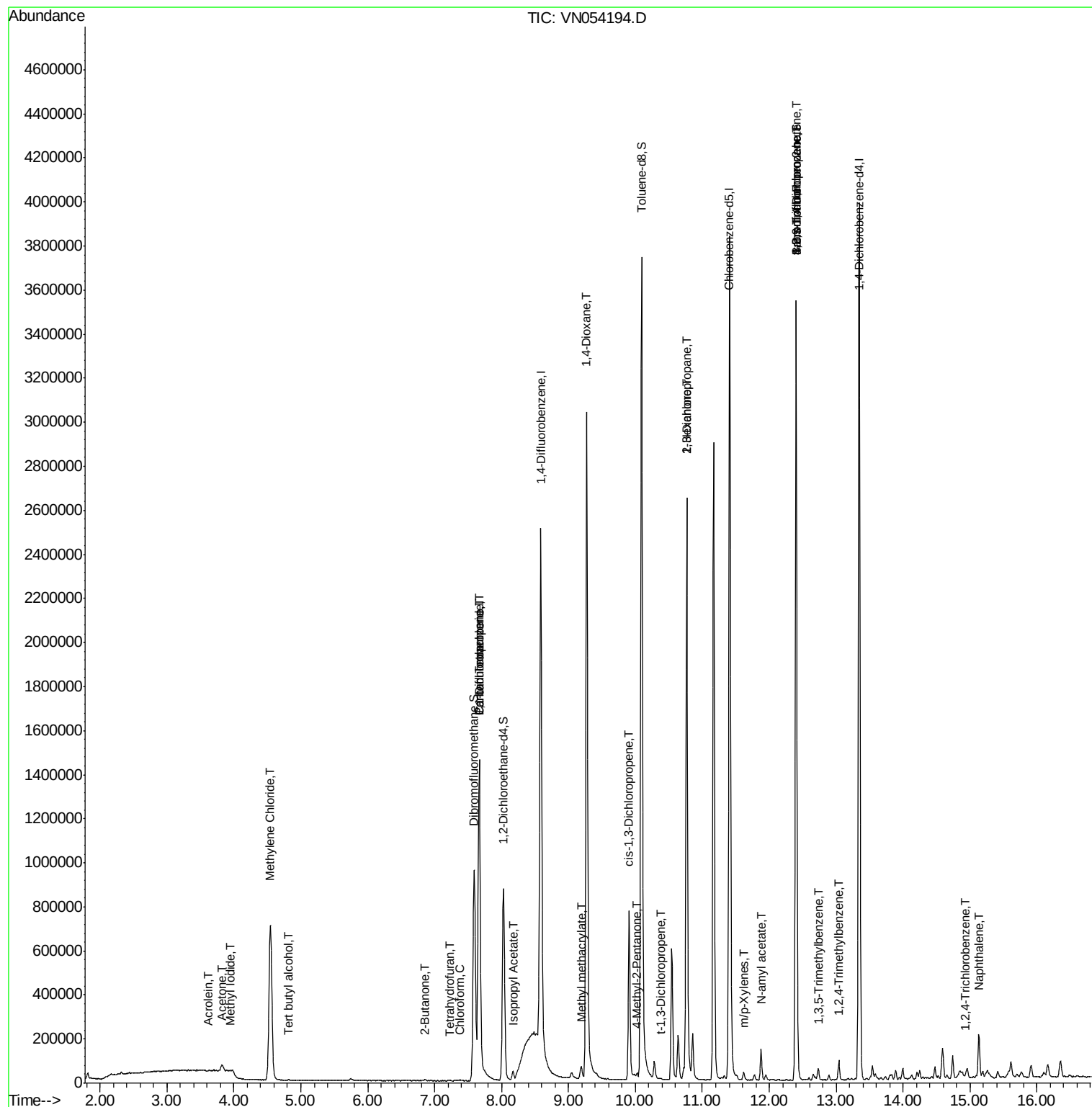
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	134	1.503	ug/l #	45
11) Tert butyl alcohol	4.81	59	388	0.373	ug/l #	87
13) Acrolein	3.61	56	921	0.935	ug/l #	61
16) Acetone	3.82	43	44110	10.161	ug/l	90
20) Methylene Chloride	4.55	84	561135	39.366	ug/l	99
25) 2-Butanone	6.86	43	3588	0.704	ug/l #	64
29) Tetrahydrofuran	7.22	42	1331	0.406	ug/l	95
30) Chloroform	7.38	83	5299	0.208	ug/l	95
31) Cyclohexane	7.66	56	22671	Below Cal	#	3
36) 1,1-Dichloropropene	7.66	75	83114	3.785	ug/l #	48
38) Carbon Tetrachloride	7.67	117	118701	5.155	ug/l #	15
43) Isopropyl Acetate	8.17	43	49197	2.222	ug/l	98
48) Methyl methacrylate	9.18	41	19097	1.699	ug/l #	11
49) 1,4-Dioxane	9.27	88	476	2.994	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	19290	1.646	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	331	1.999	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	154998	6.294	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	29600	1.244	ug/l #	43
59) 2-Hexanone	10.77	43	394704	50.616	ug/l #	50
68) m/p-Xylenes	11.62	106	11576	0.321	ug/l	99
71) Bromoform	12.40	173	6971	2.782	ug/l #	1
74) N-amyl acetate	11.88	43	43850	2.092	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	573773	33.063	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	25966	0.331	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	573773	113.025	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	52986	0.688	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	1346	2.568	ug/l #	77
95) Naphthalene	15.13	128	179293	6.693	ug/l	99

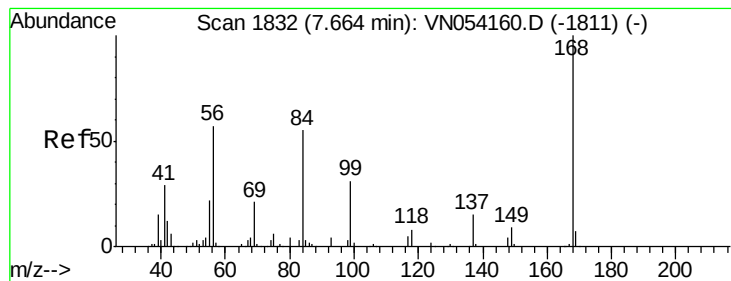
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

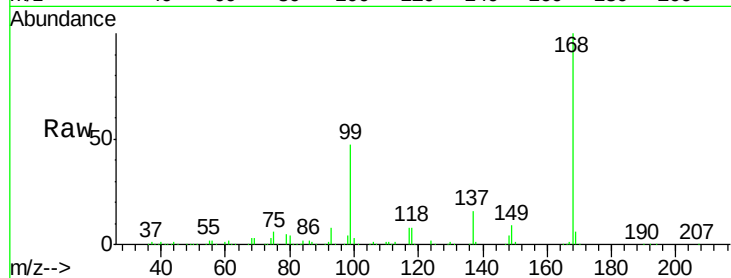
SU-04-031119-B

Tot Ion:168 Resp: 1427634

Ion Ratio Lower Upper

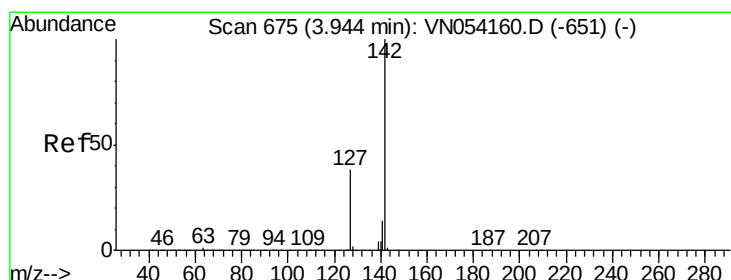
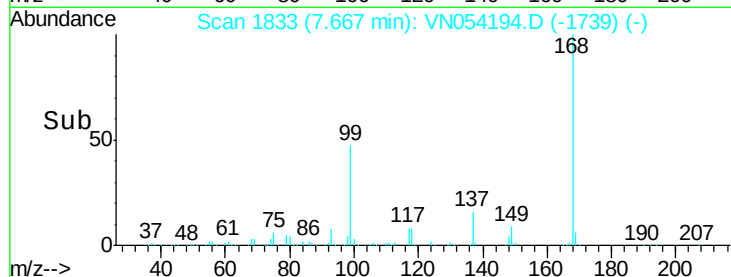
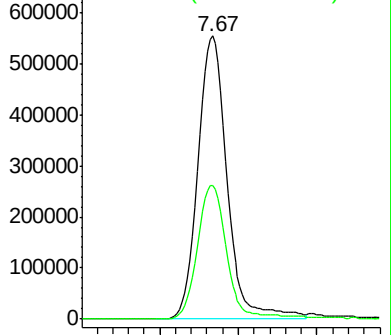
168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#10

Methyl Iodide

Concen: 1.503 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

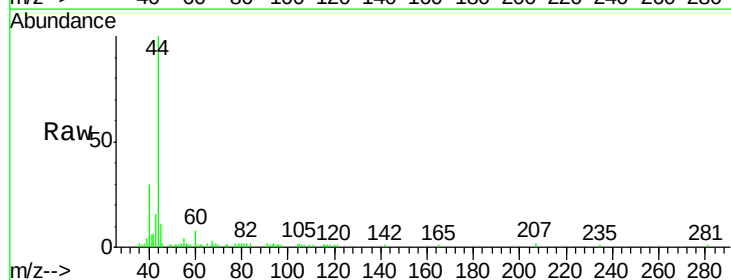
Tgt Ion:142 Resp: 134

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

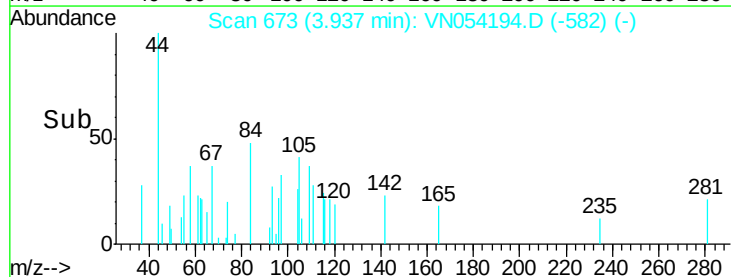
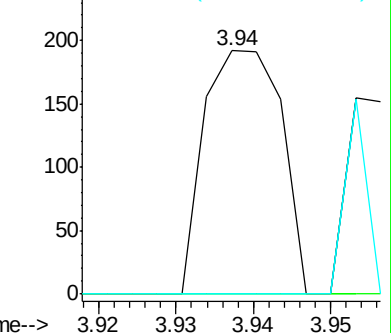
141 0.0 11.2 16.8#

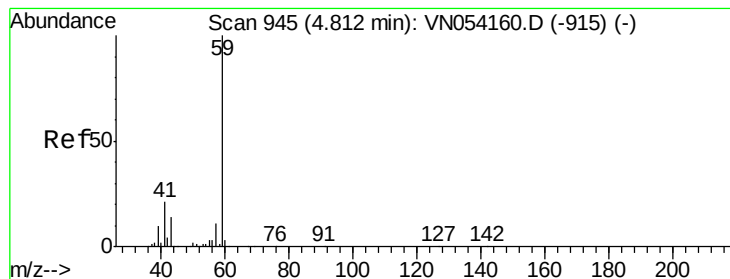


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.373 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampled :

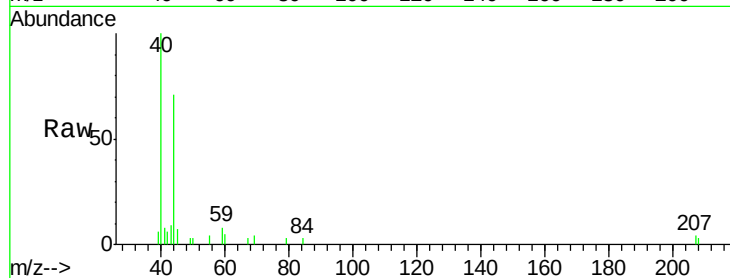
SU-04-031119-B

Tot Ion: 59 Resp: 388

Ion Ratio Lower Upper

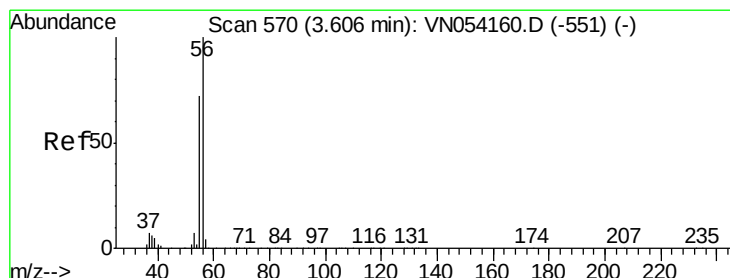
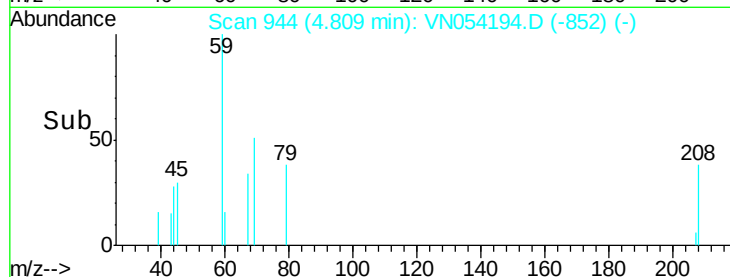
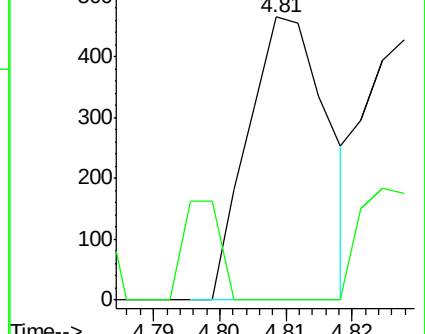
59 100

57 16.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.935 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054194.D

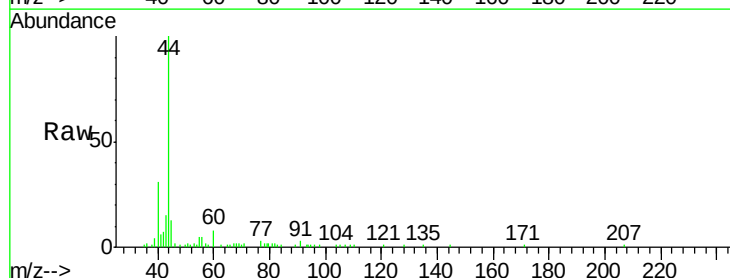
Acq: 13 Mar 2019 5:40

Tgt Ion: 56 Resp: 921

Ion Ratio Lower Upper

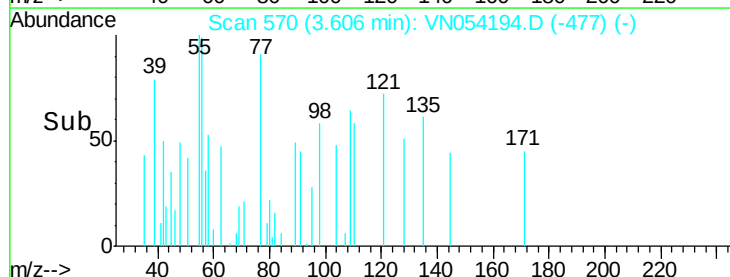
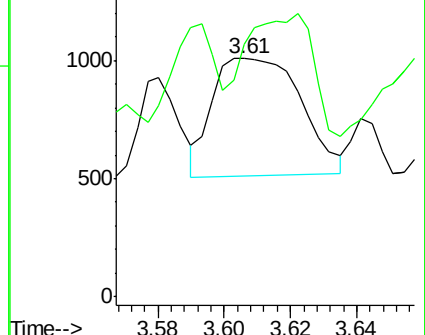
56 100

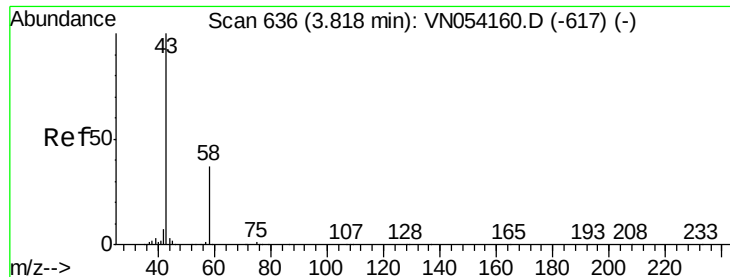
55 38.5 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 10.161 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

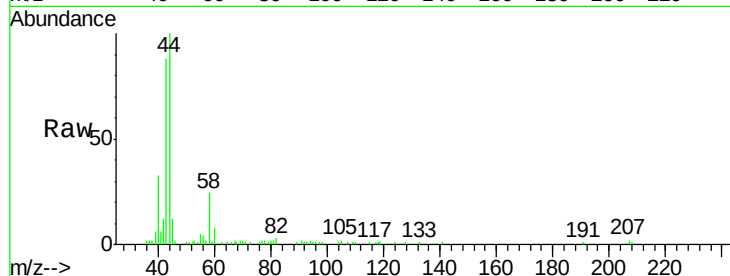
SU-04-031119-B

Tot Ion: 43 Resp: 44110

Ion Ratio Lower Upper

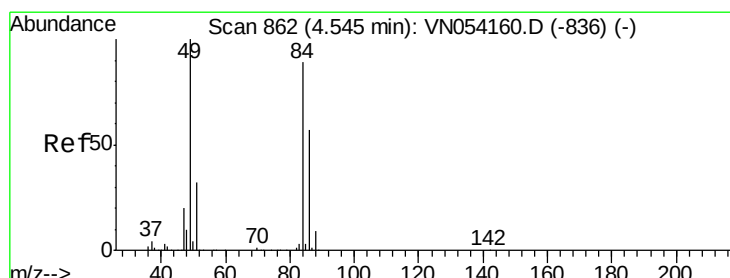
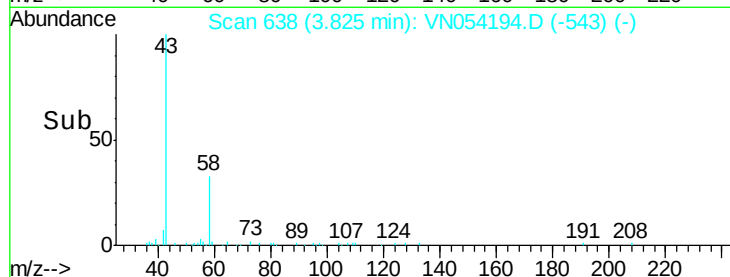
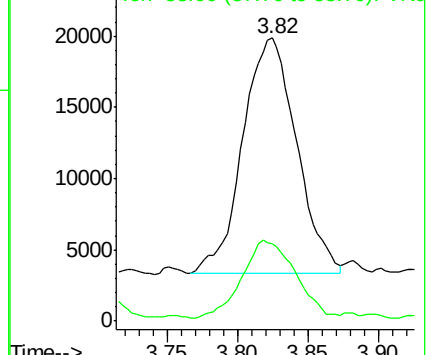
43 100

58 31.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 39.366 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Tgt Ion: 84 Resp: 561135

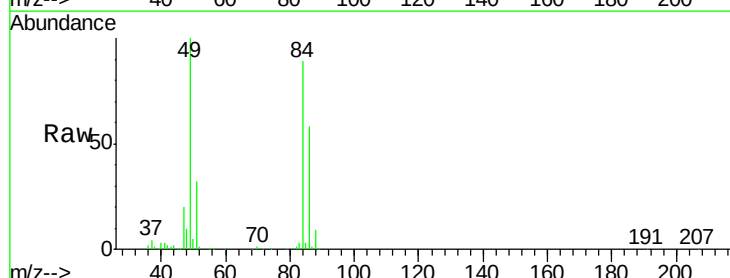
Ion Ratio Lower Upper

84 100

49 112.8 89.7 134.5

51 35.9 28.2 42.4

86 65.3 50.8 76.2

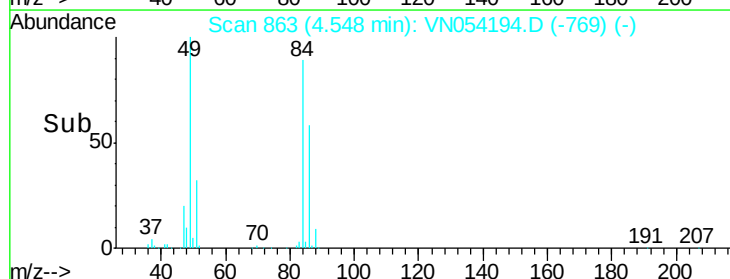
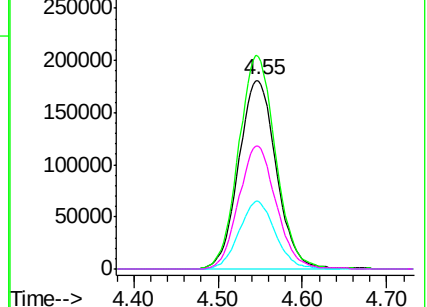


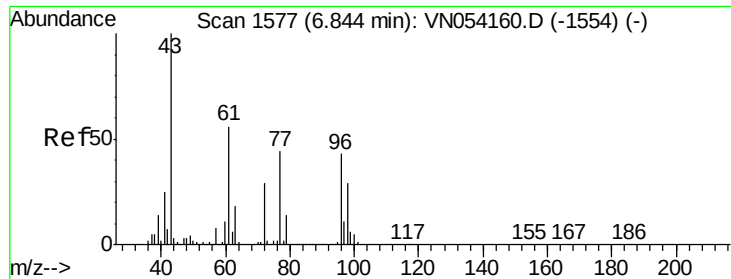
Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.704 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

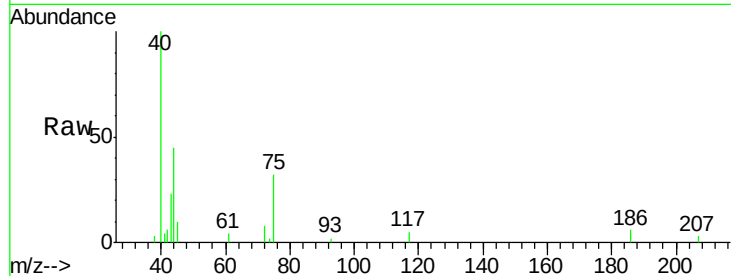
SU-04-031119-B

Tot Ion: 43 Resp: 3588

Ion Ratio Lower Upper

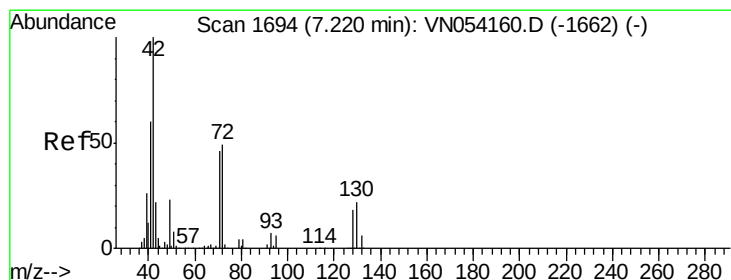
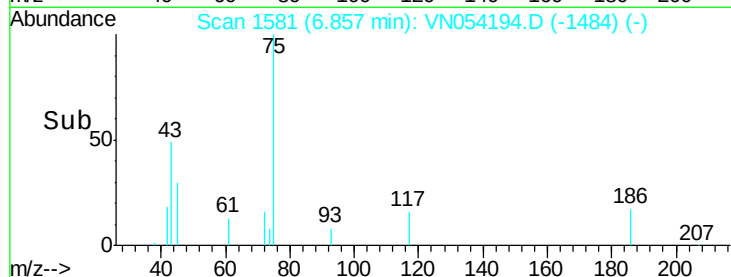
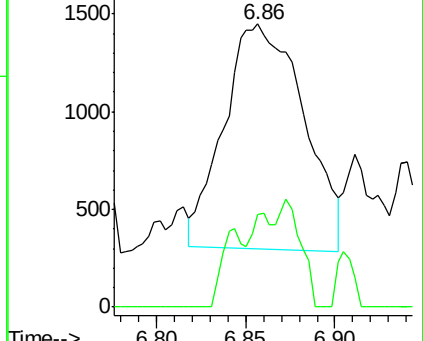
43 100

72 48.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.406 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

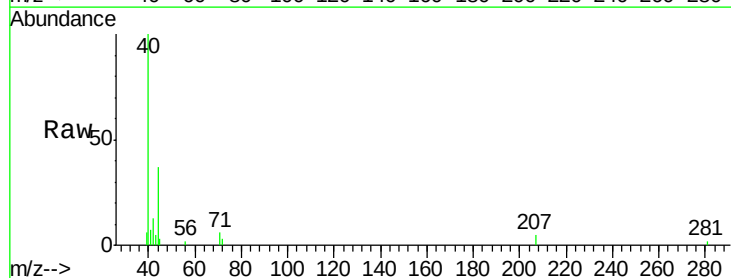
Tgt Ion: 42 Resp: 1331

Ion Ratio Lower Upper

42 100

72 40.8 37.8 56.6

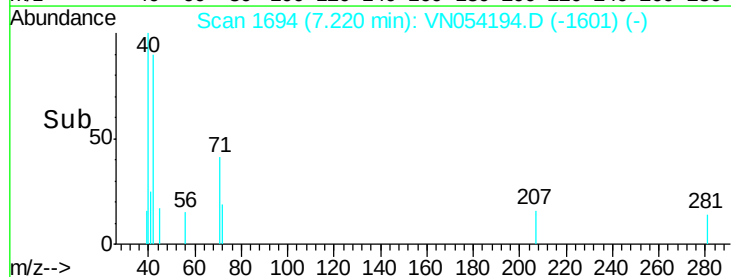
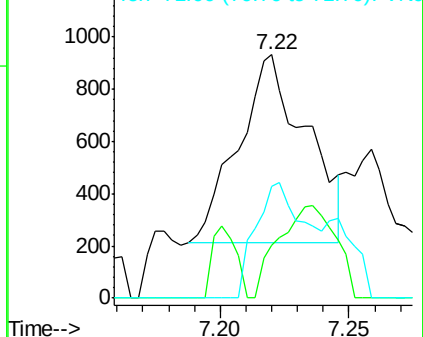
71 45.9 36.2 54.2

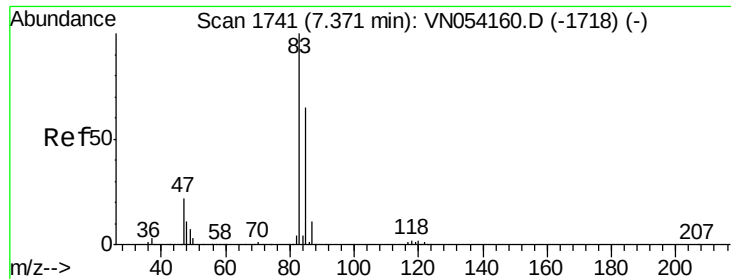


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

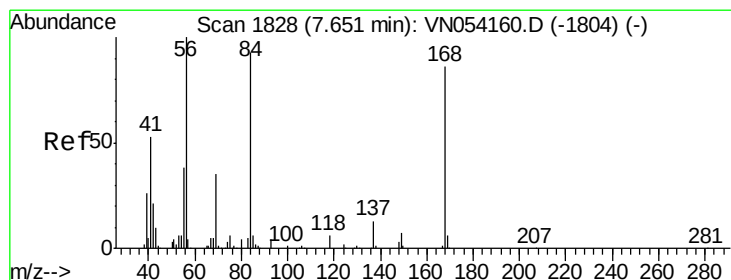
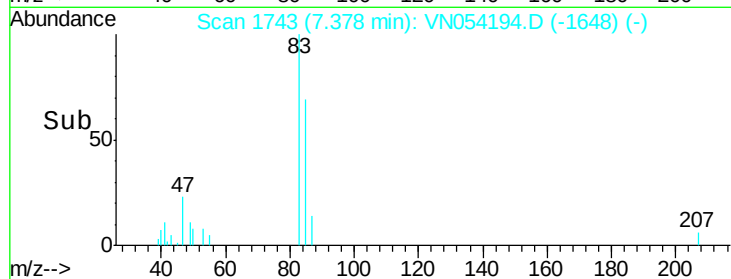
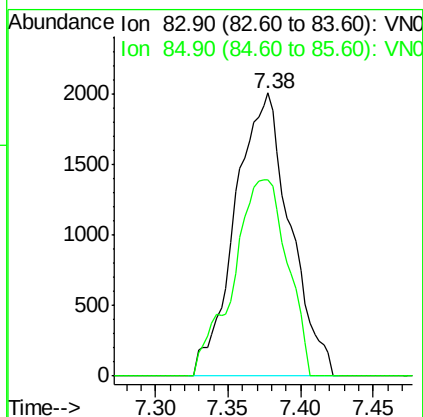
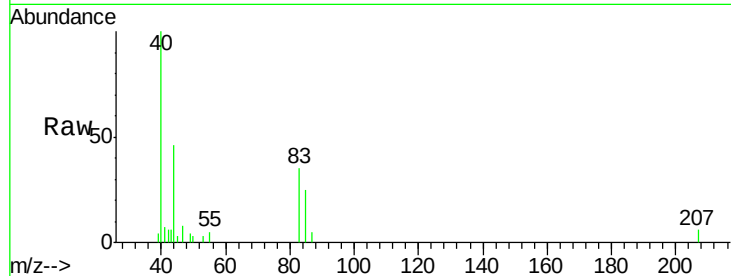




#30
Chloroform
Concen: 0.208 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

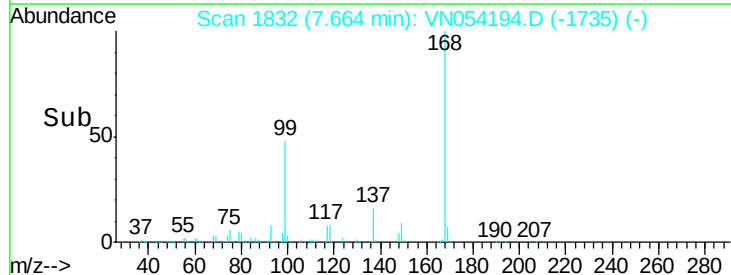
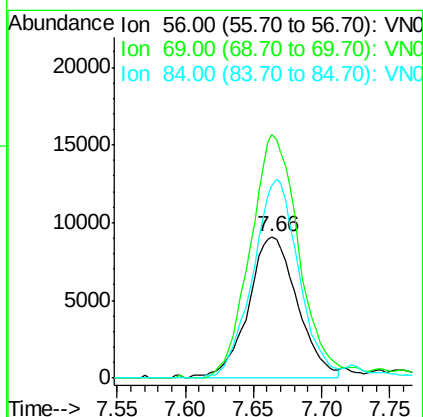
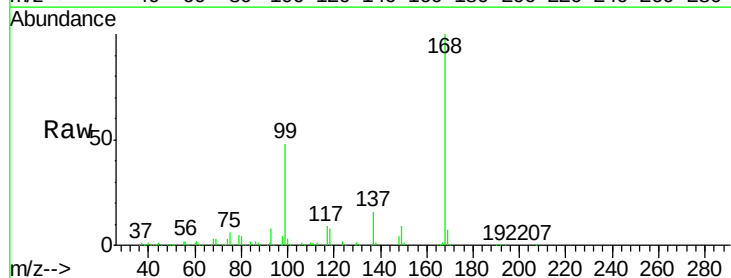
Instrument :
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SU-04-031119-B

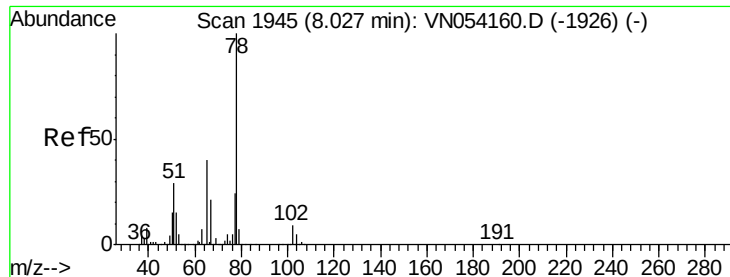
Tot Ion: 83 Resp: 5299
Ion Ratio Lower Upper
83 100
85 69.3 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

Tgt Ion: 56 Resp: 22671
Ion Ratio Lower Upper
56 100
69 172.1 27.8 41.6#
84 136.3 74.6 111.8#

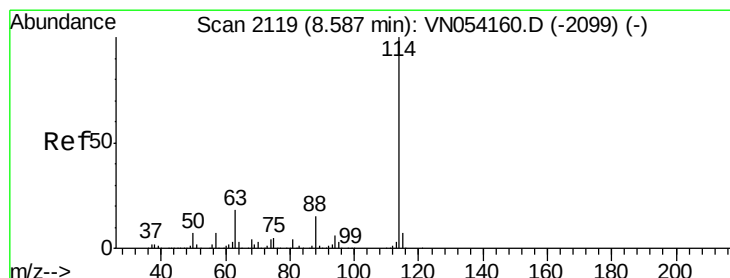
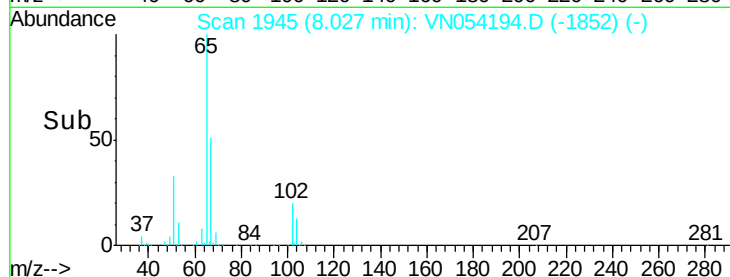
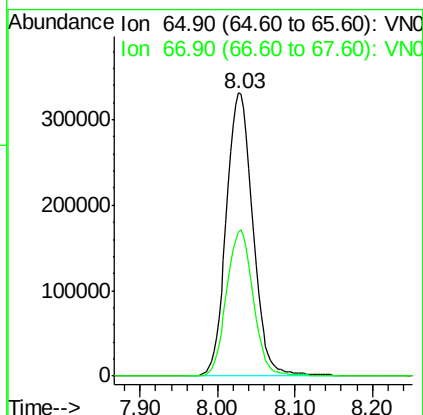
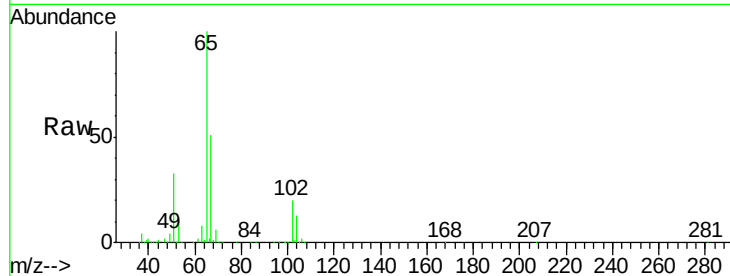




#33
 1,2-Dichloroethane-d4
 Concen: 52.064 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054194.D
 Acq: 13 Mar 2019 5:40

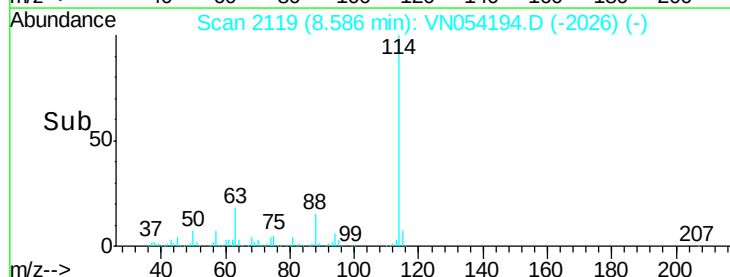
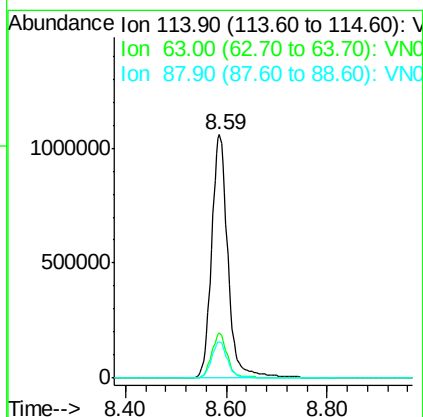
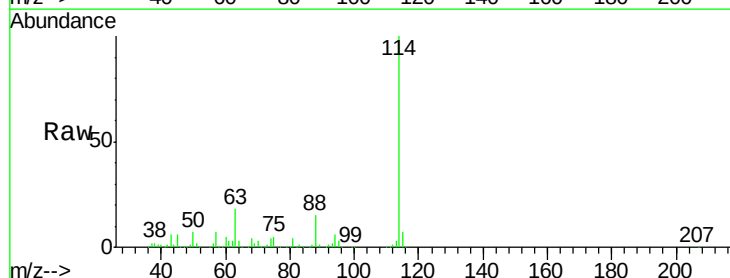
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-031119-B

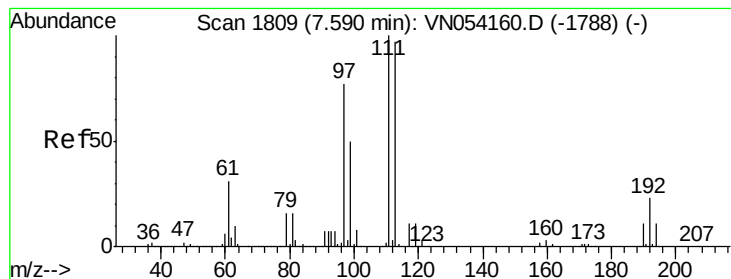
Tot Ion: 65 Resp: 789366
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054194.D
 Acq: 13 Mar 2019 5:40

Tgt Ion: 114 Resp: 2384283
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.2
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.888 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-B

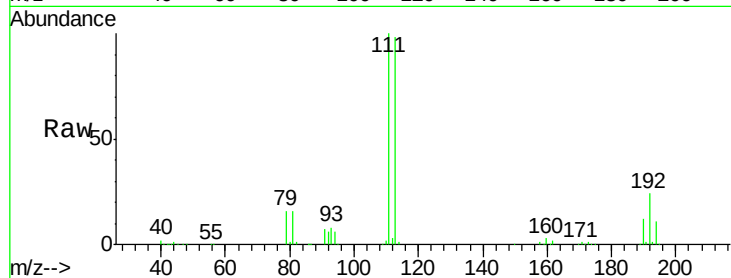
Tot Ion:113 Resp: 736402

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

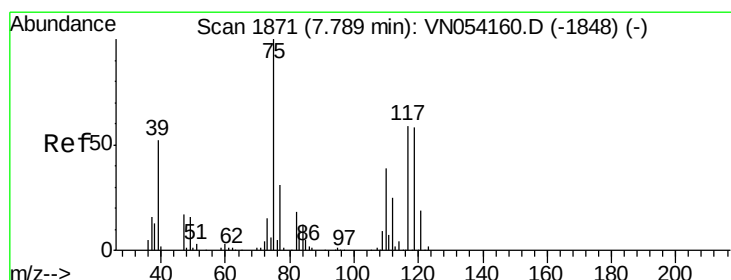
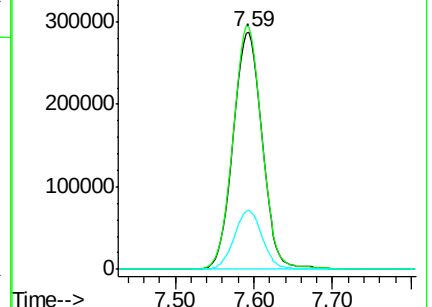
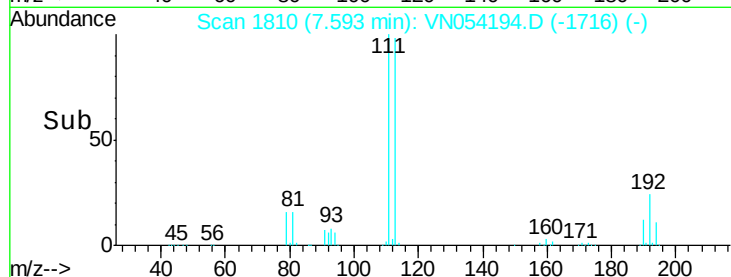
192 24.1 19.2 28.8



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: 3.785 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

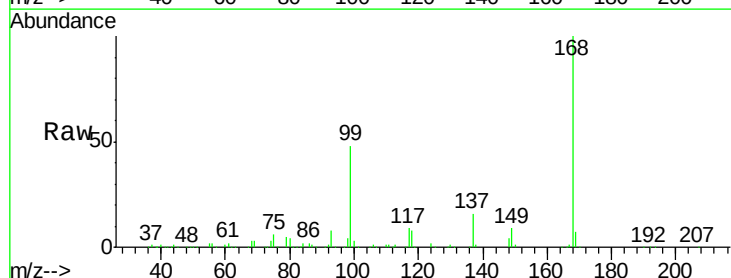
Tgt Ion: 75 Resp: 83114

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.5#

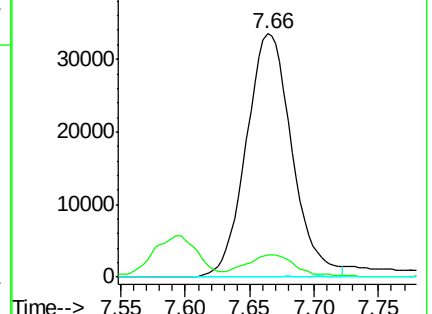
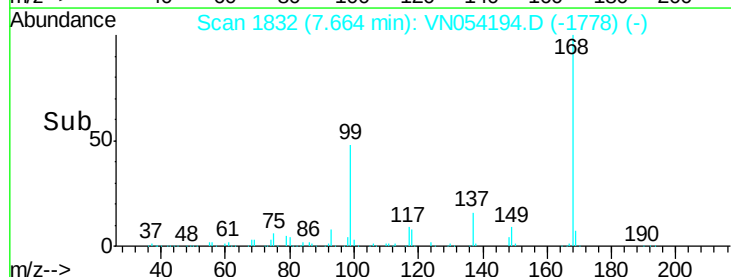
77 0.0 25.0 37.4#

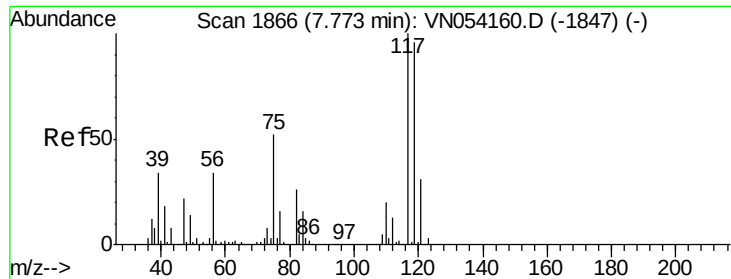


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

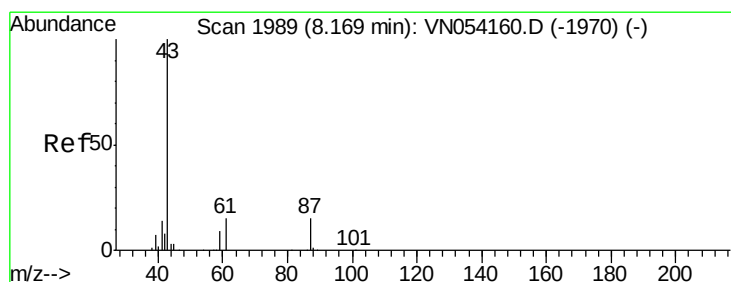
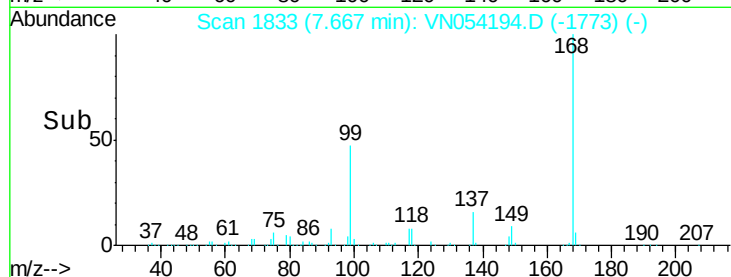
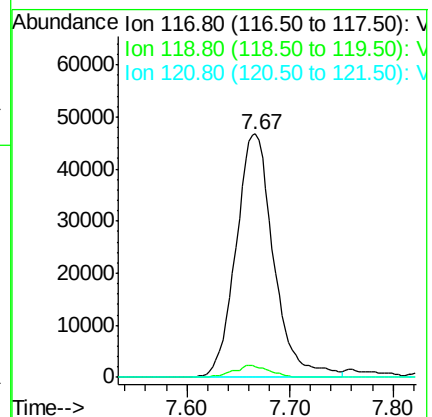
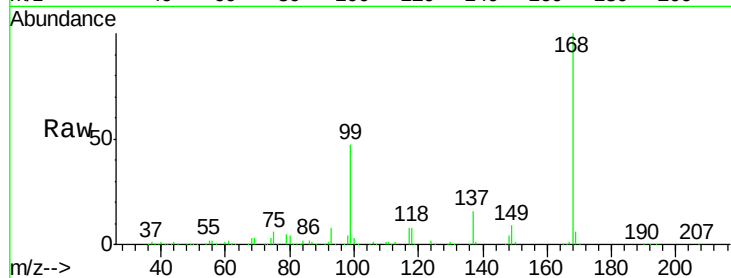




#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

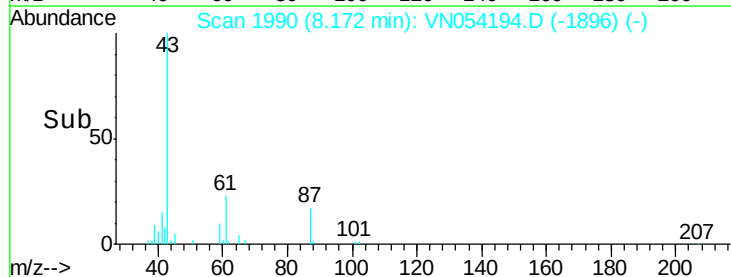
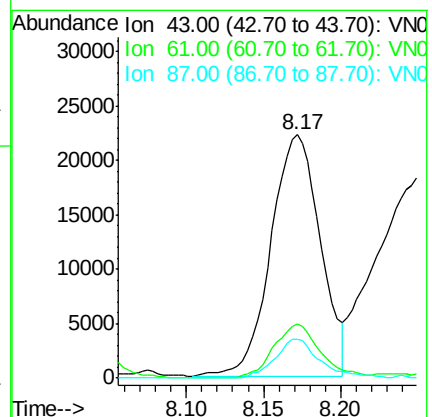
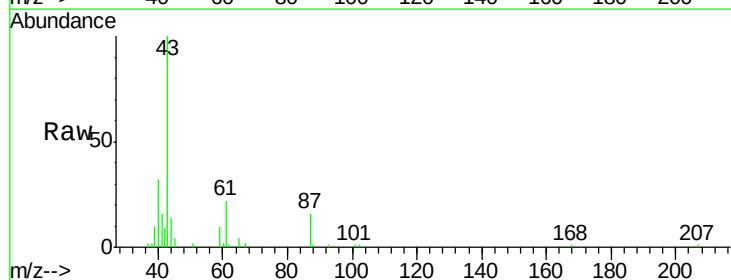
Instrument :
MSVOA_N
ClientSampleId :
SU-04-031119-B

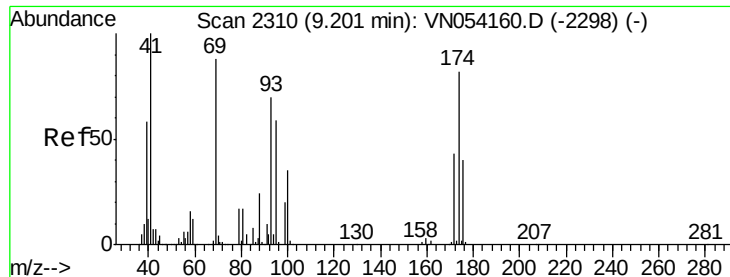
Tot Ion:117 Resp: 118701
Ion Ratio Lower Upper
117 100
119 4.2 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.222 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

Tgt Ion: 43 Resp: 49197
Ion Ratio Lower Upper
43 100
61 21.3 15.8 23.8
87 14.7 12.0 18.0





#48

Methyl methacrylate

Concen: 1.699 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampled :

SU-04-031119-B

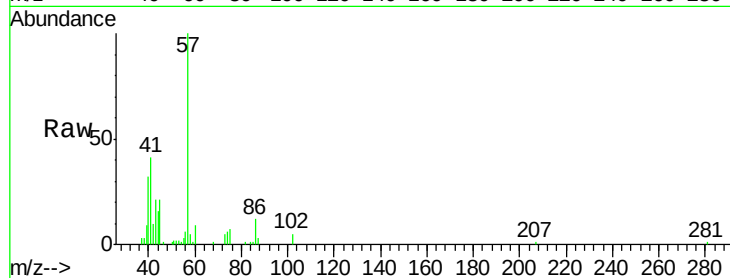
Tot Ion: 41 Resp: 19097

Ion Ratio Lower Upper

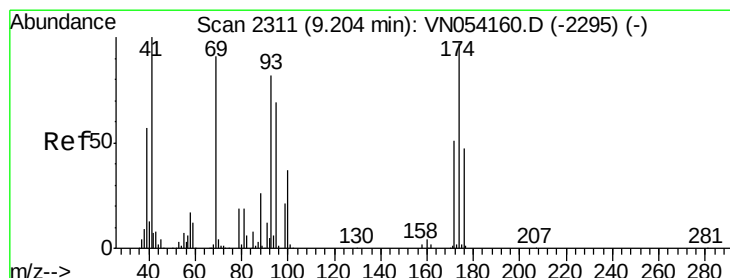
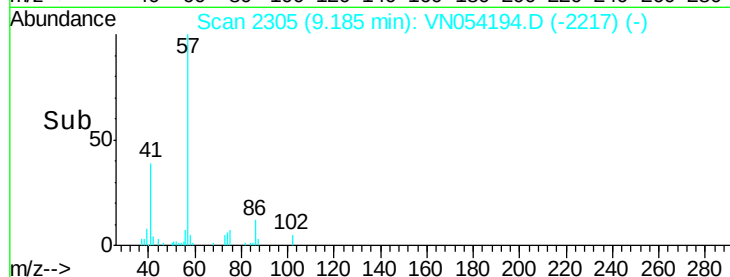
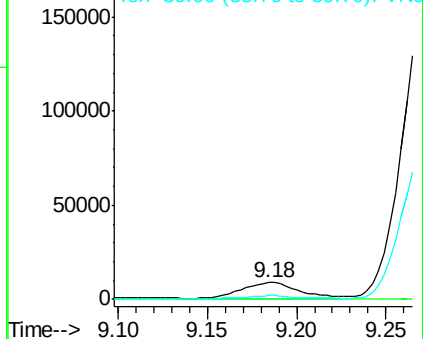
41 100

69 0.3 72.6 108.8#

39 0.0 47.5 71.3#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC



#49

1,4-Dioxane

Concen: 2.994 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

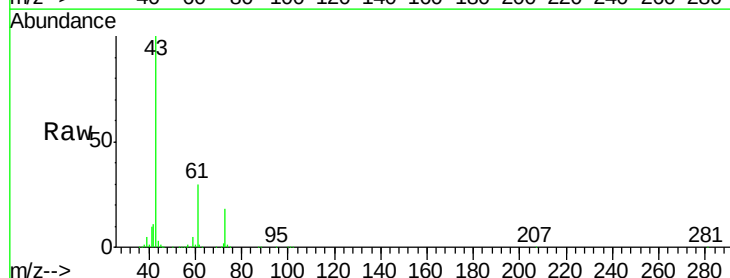
Tgt Ion: 88 Resp: 476

Ion Ratio Lower Upper

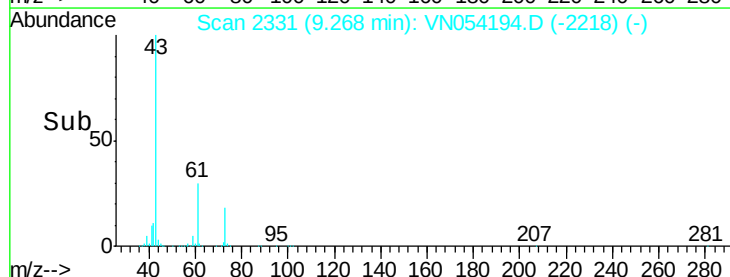
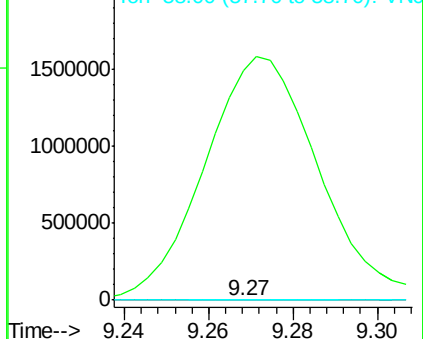
88 100

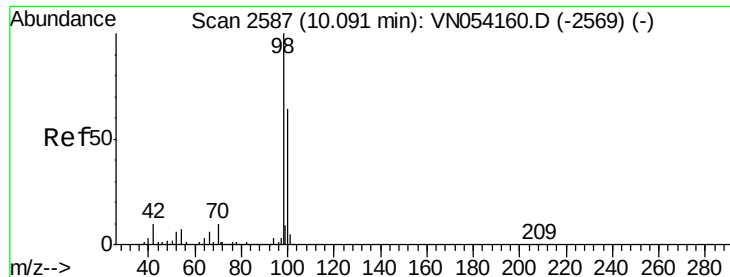
43 661324.8 24.1 36.1#

58 2918.5 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 52.204 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

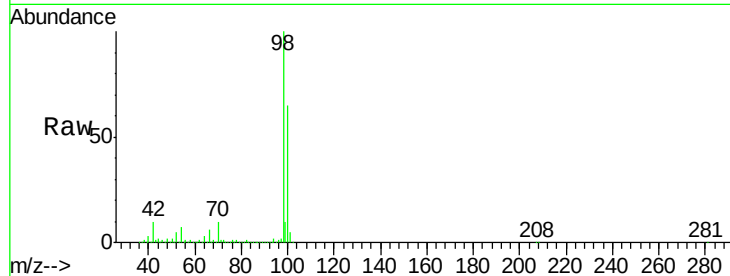
SU-04-031119-B

Tot Ion: 98 Resp: 2964745

Ion Ratio Lower Upper

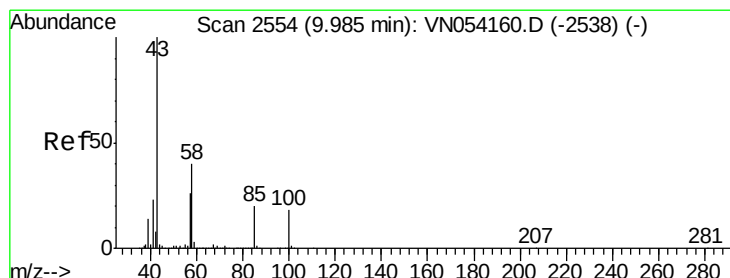
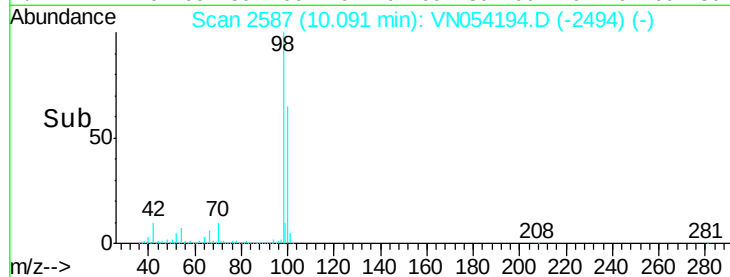
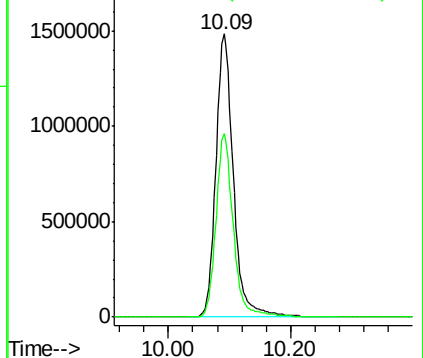
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.646 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054194.D

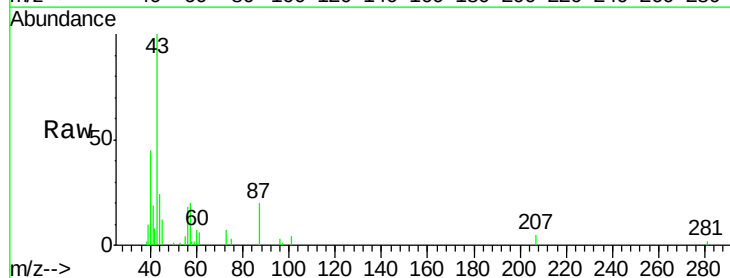
Acq: 13 Mar 2019 5:40

Tgt Ion: 43 Resp: 19290

Ion Ratio Lower Upper

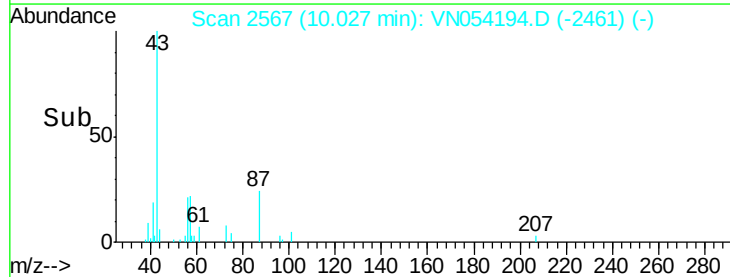
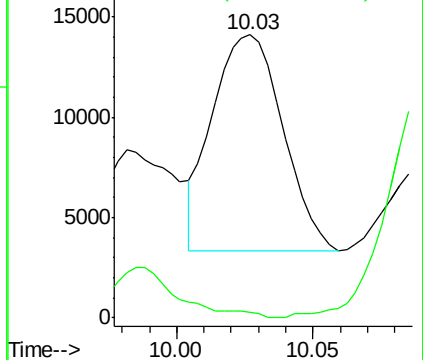
43 100

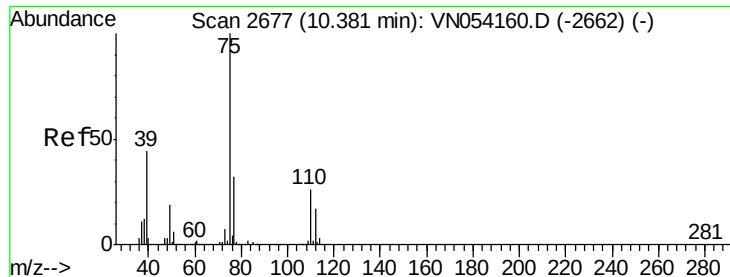
58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

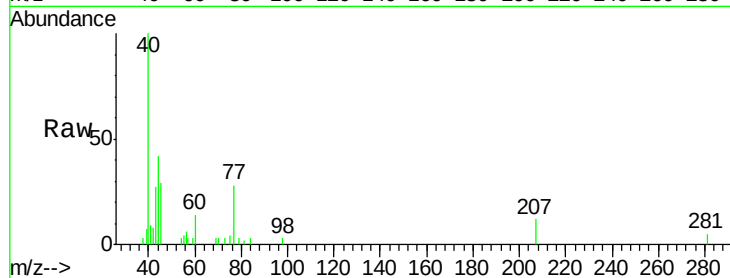
SU-04-031119-B

Tot Ion: 75 Resp: 331

Ion Ratio Lower Upper

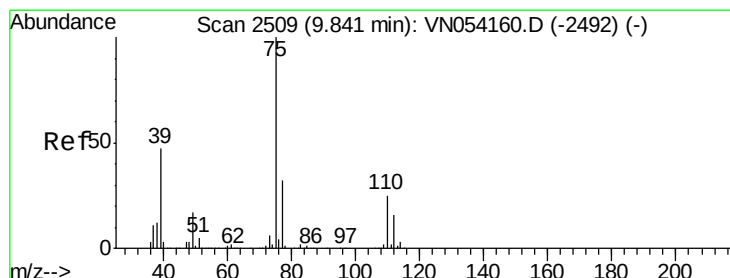
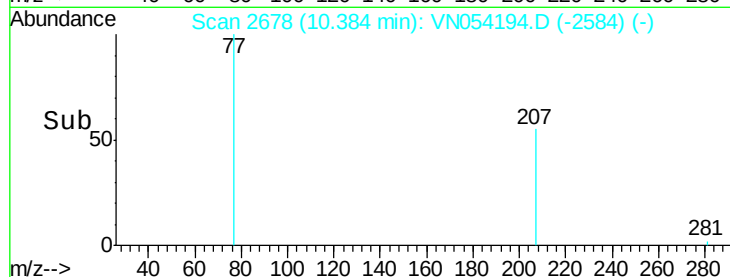
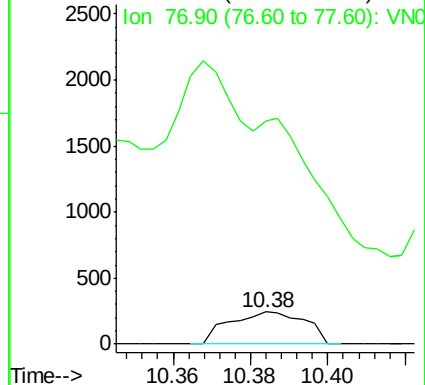
75 100

77 300.4 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.294 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

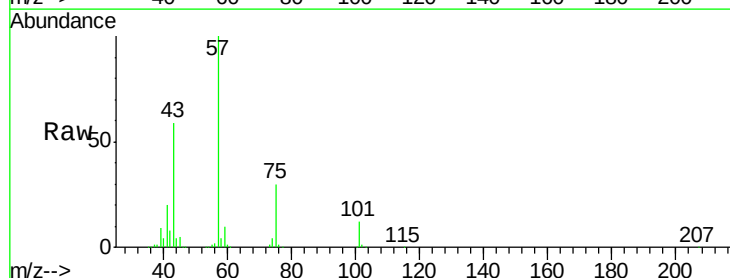
Tgt Ion: 75 Resp: 154998

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

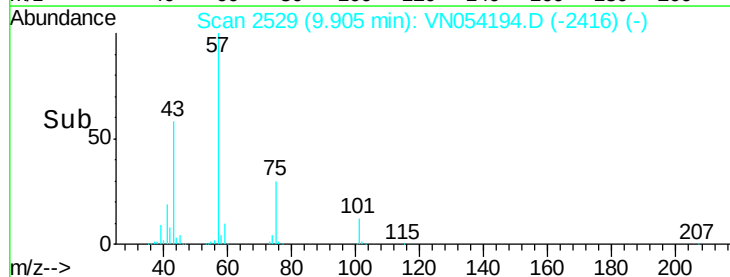
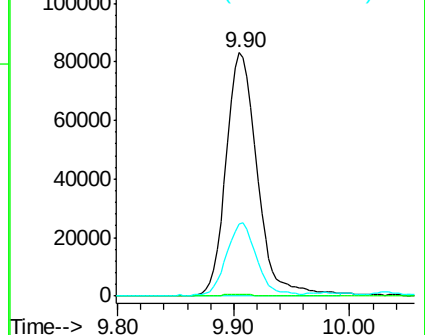
39 29.0 37.2 55.8#

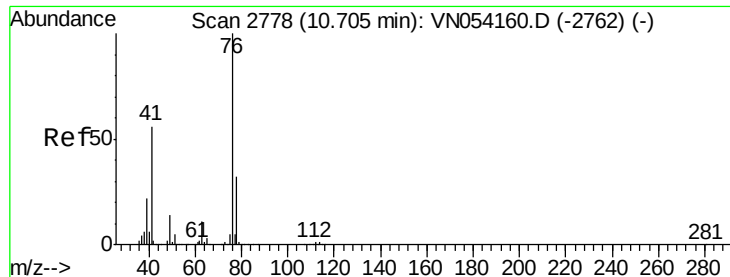


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

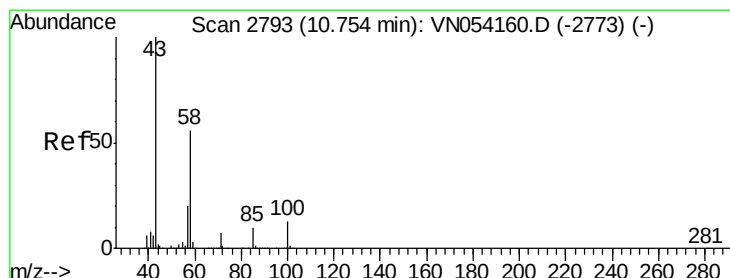
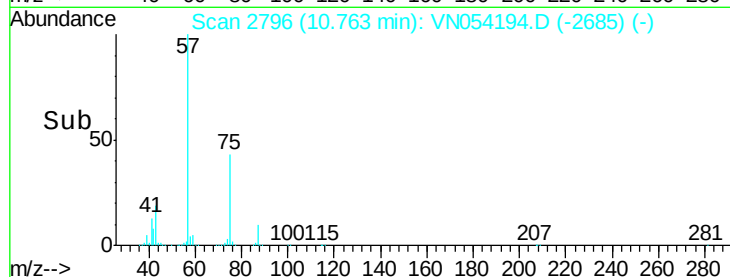
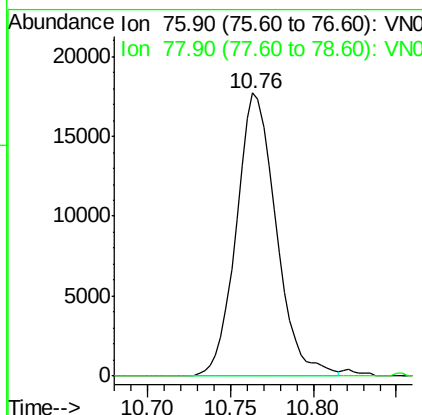
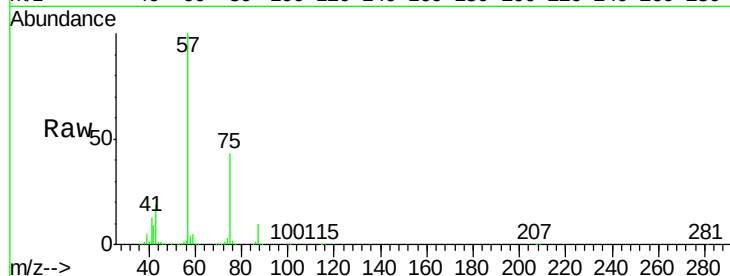




#57
 1,3-Dichloropropane
 Concen: 1.244 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054194.D
 Acq: 13 Mar 2019 5:40

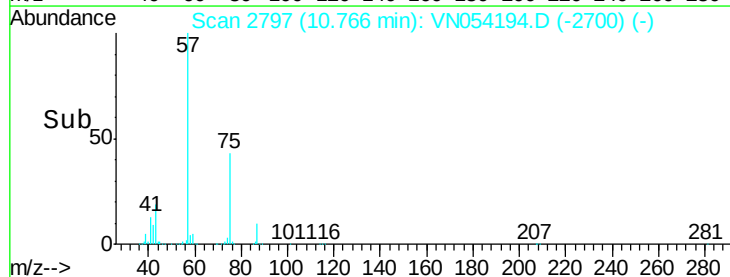
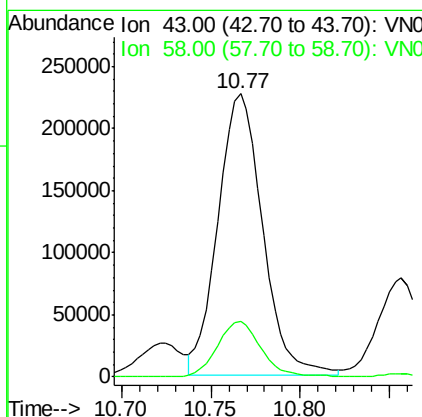
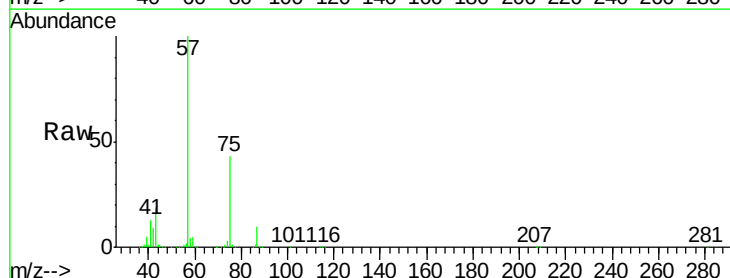
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-031119-B

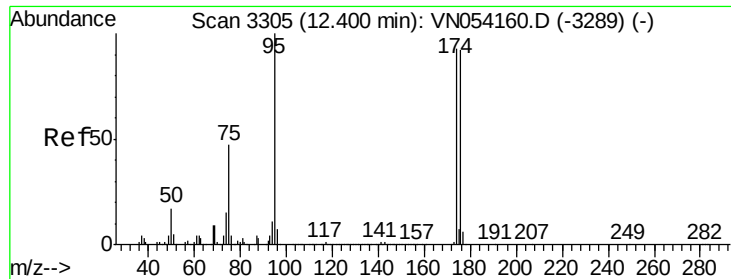
Tot Ion: 76 Resp: 29600
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 50.616 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054194.D
 Acq: 13 Mar 2019 5:40

Tgt Ion: 43 Resp: 394704
 Ion Ratio Lower Upper
 43 100
 58 19.5 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 59.601 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-B

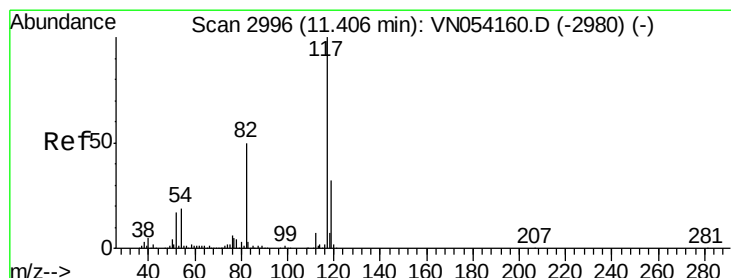
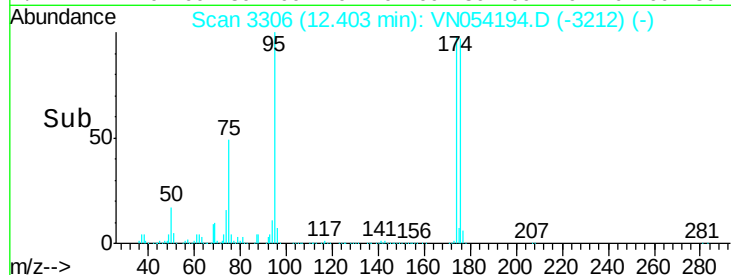
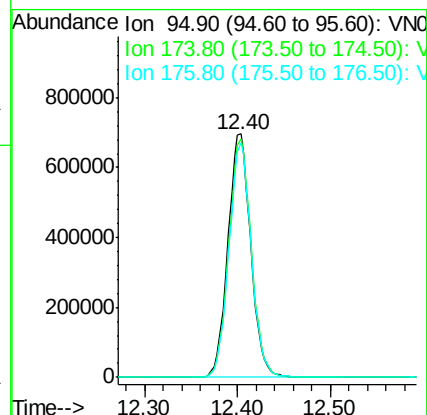
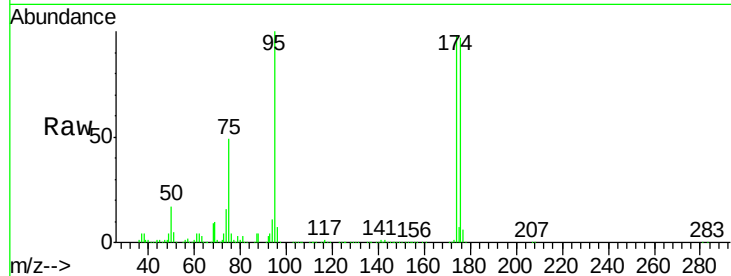
Tot Ion: 95 Resp: 1184359

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 94.5 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

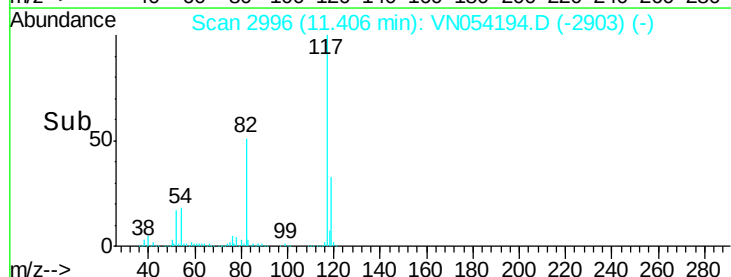
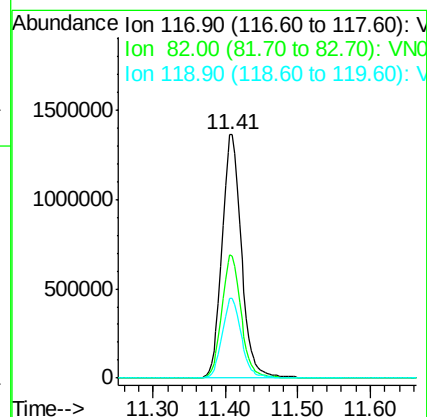
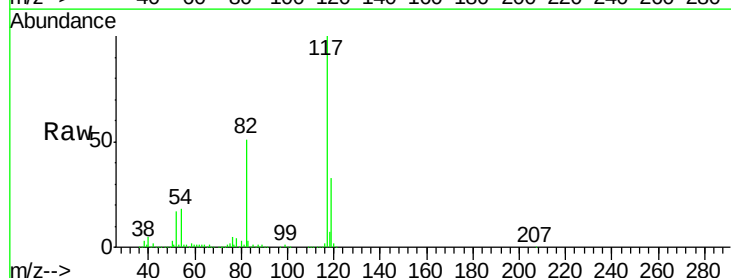
Tgt Ion: 117 Resp: 2534813

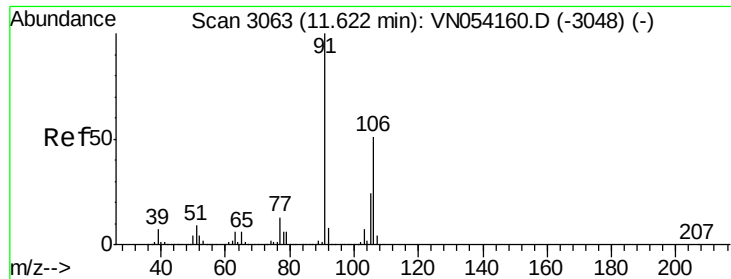
Ion Ratio Lower Upper

117 100

82 50.7 40.0 60.0

119 32.7 25.8 38.6

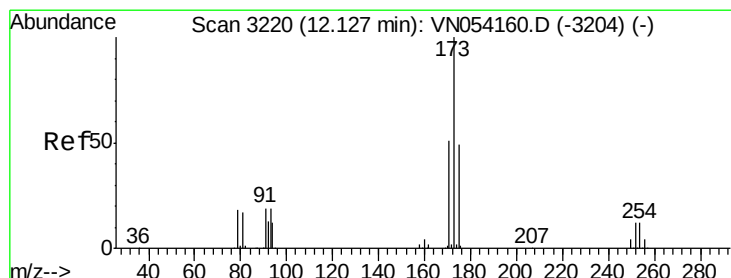
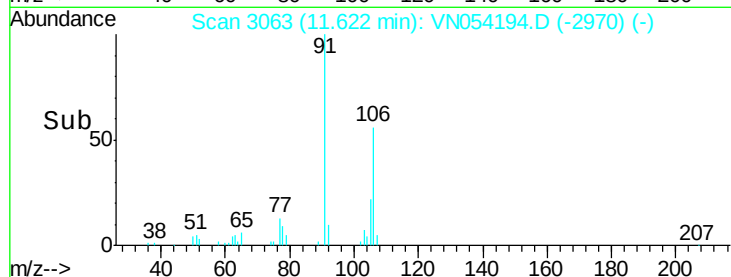
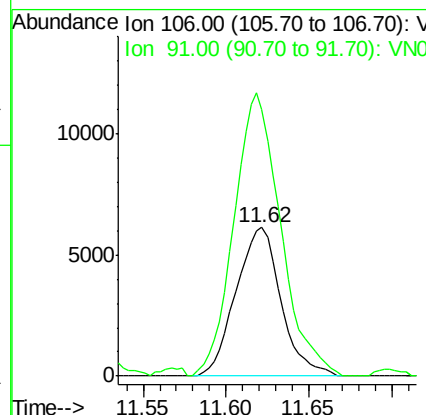
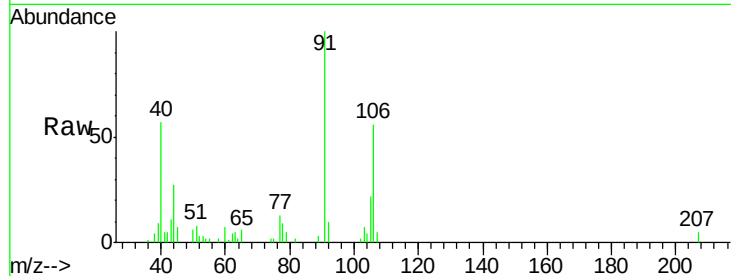




#68
m/p-Xvlenes
Concen: 0.321 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

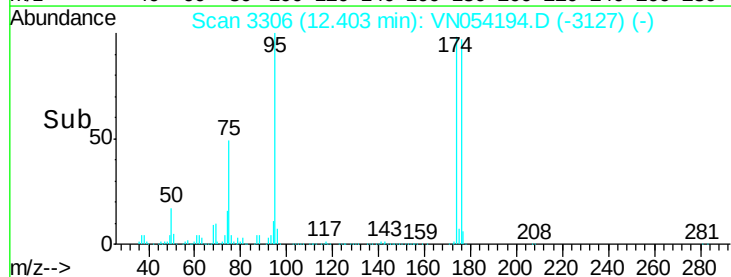
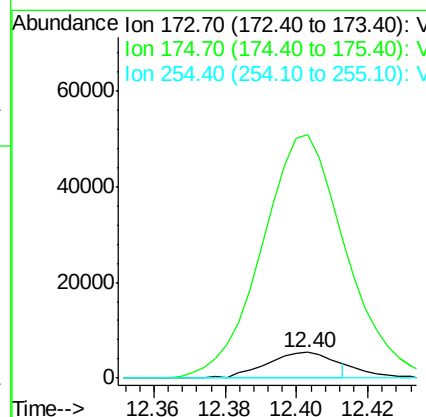
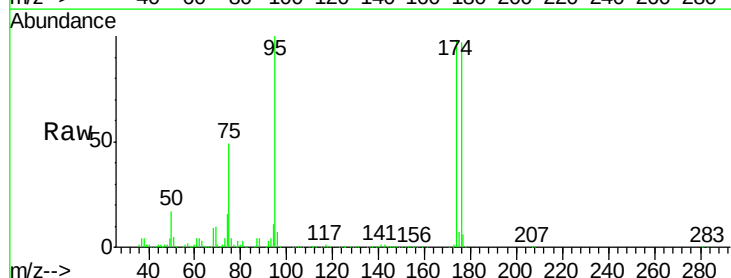
Instrument :
MSVOA_N
ClientSampled :
SU-04-031119-B

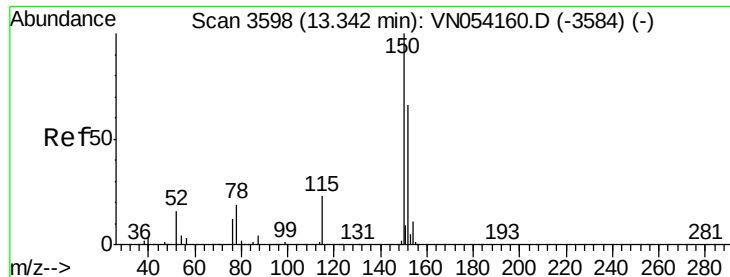
Tot Ion:106 Resp: 11576
Ion Ratio Lower Upper
106 100
91 197.8 159.4 239.2



#71
Bromoform
Concen: 2.782 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054194.D
Acq: 13 Mar 2019 5:40

Tgt Ion:173 Resp: 6971
Ion Ratio Lower Upper
173 100
175 1016.8 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-B

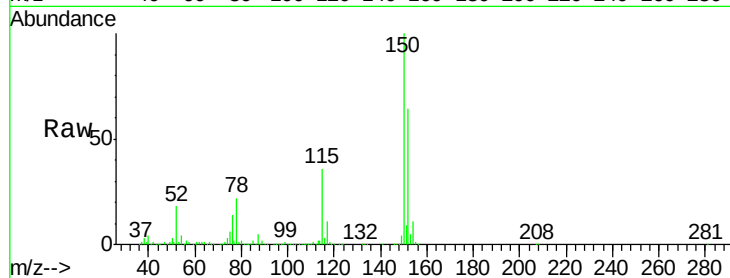
Tot Ion:152 Resp: 1180088

Ion Ratio Lower Upper

152 100

115 55.3 27.2 81.6

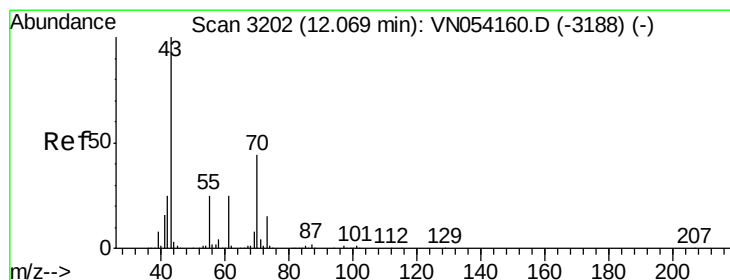
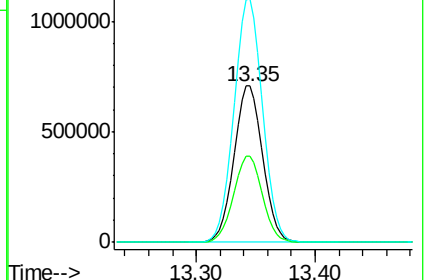
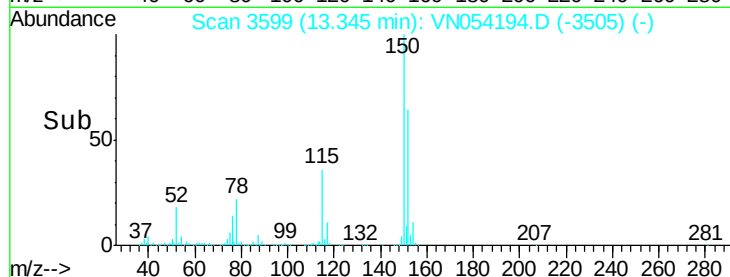
150 155.2 0.0 349.2



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



#74

N-ethyl acetate

Concen: 2.092 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Tgt Ion: 43 Resp: 43850

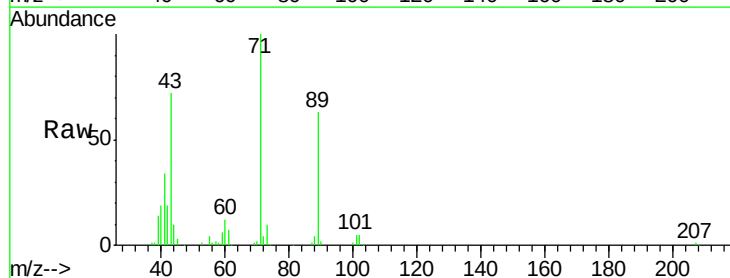
Ion Ratio Lower Upper

43 100

70 2.6 35.4 53.0#

55 6.2 19.8 29.6#

61 10.1 19.8 29.6#

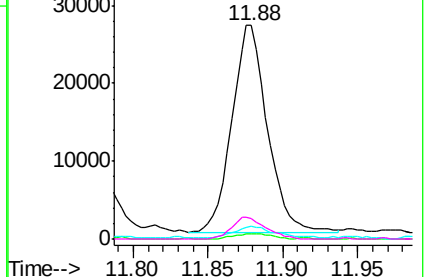
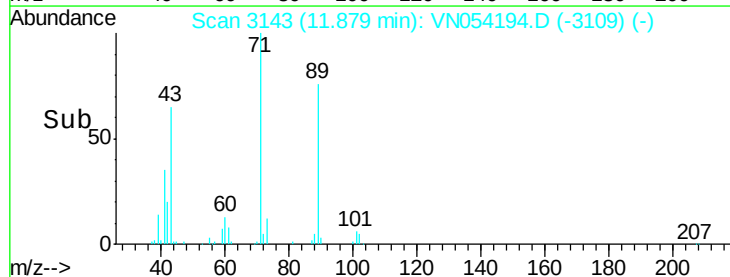


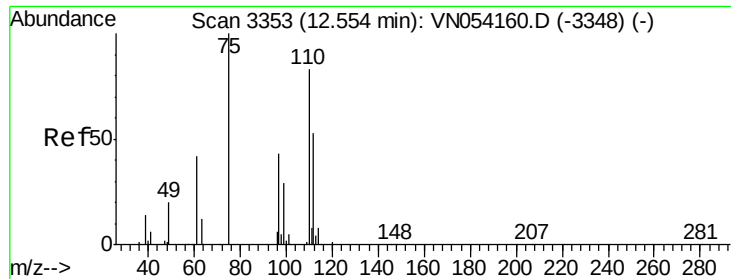
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 33.063 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

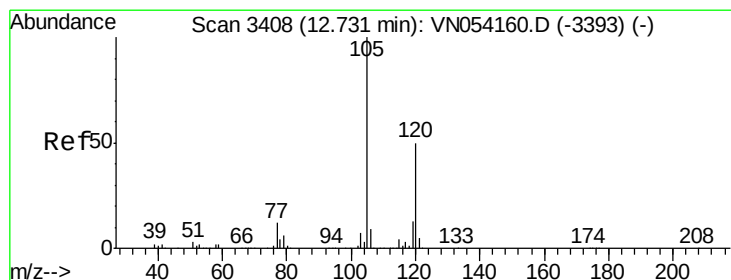
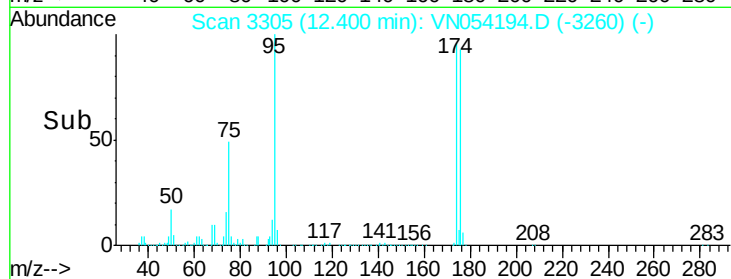
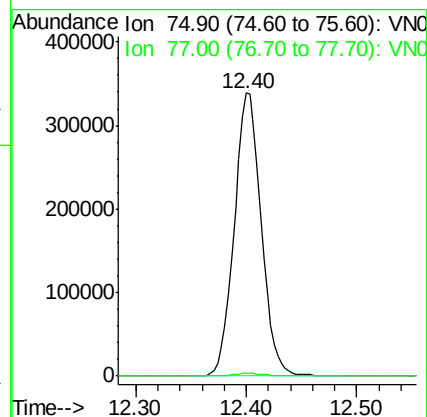
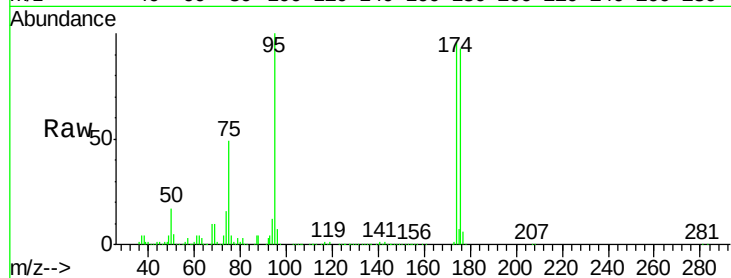
SU-04-031119-B

Tot Ion: 75 Resp: 573773

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.331 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054194.D

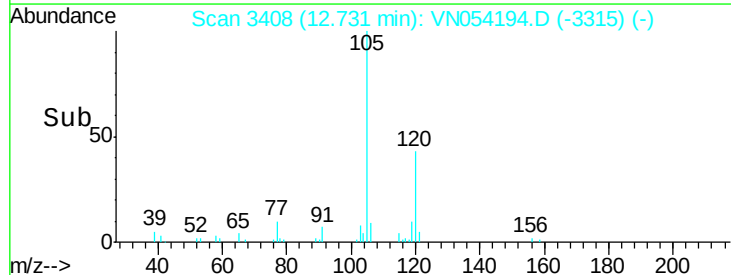
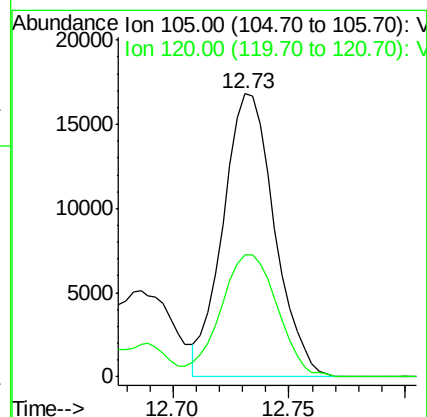
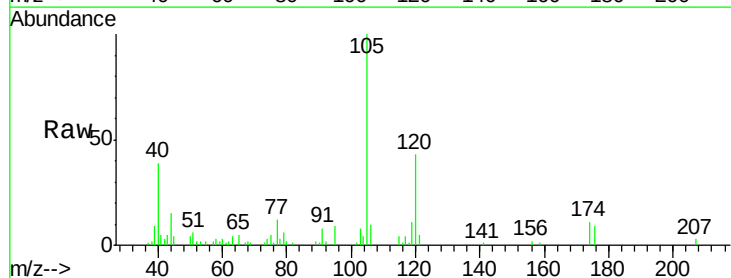
Acq: 13 Mar 2019 5:40

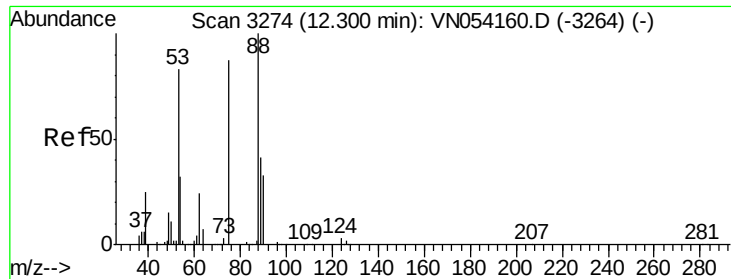
Tgt Ion: 105 Resp: 25966

Ion Ratio Lower Upper

105 100

120 47.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 113.025 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-B

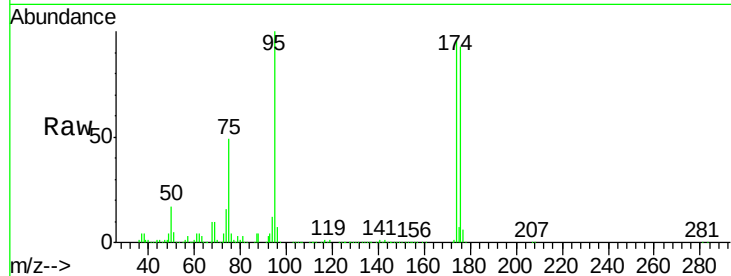
Tot Ion: 75 Resp: 573773

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

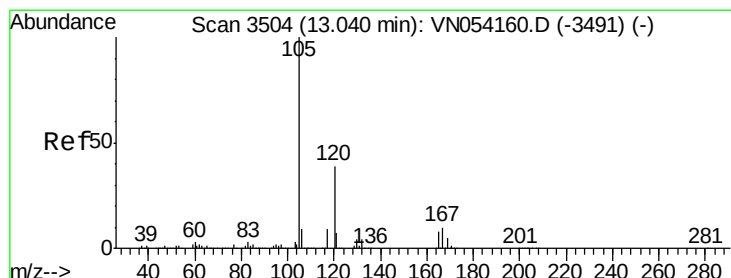
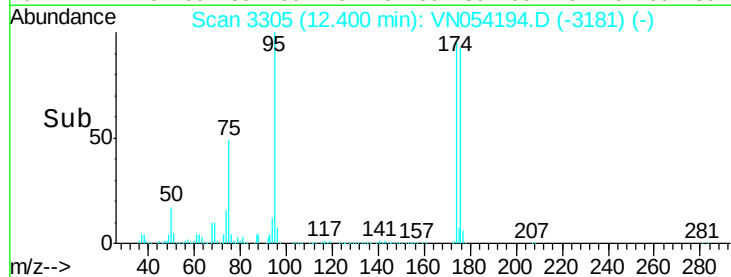
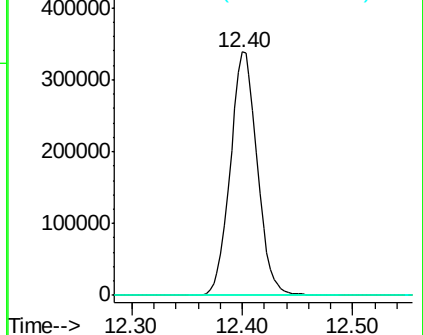
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054194.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054194.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054194.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.688 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054194.D

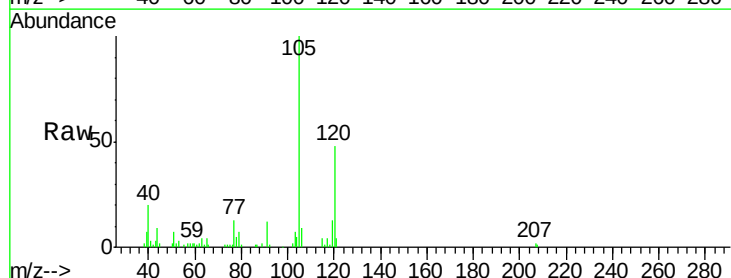
Acq: 13 Mar 2019 5:40

Tgt Ion: 105 Resp: 52986

Ion Ratio Lower Upper

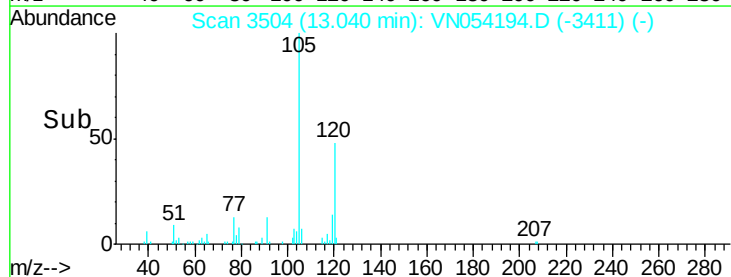
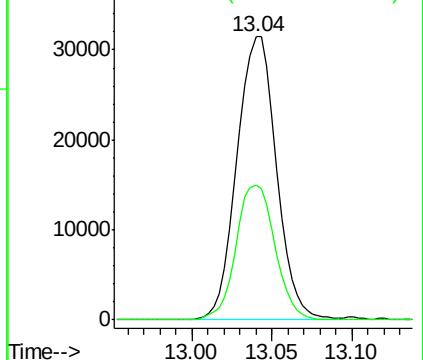
105 100

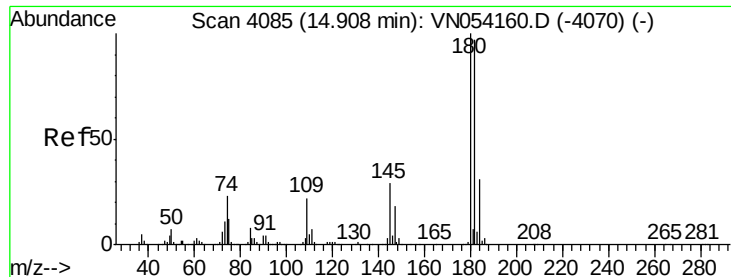
120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054194.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054194.D (-3411) (-)





#93

1,2,4-Trichlorobenzene

Concen: 2.568 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-B

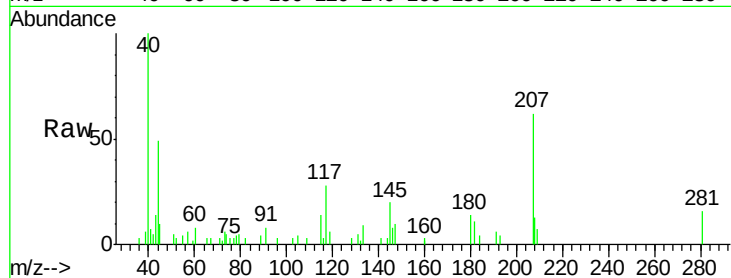
Tot Ion:180 Resp: 1346

Ion Ratio Lower Upper

180 100

182 82.7 48.0 144.2

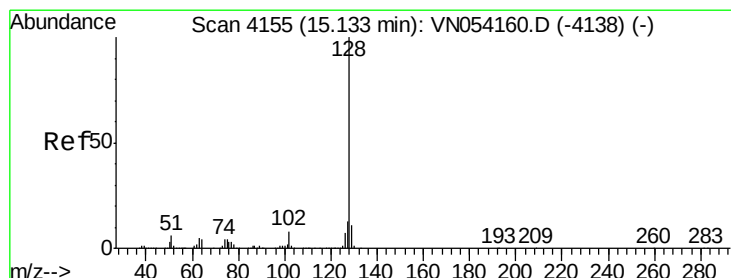
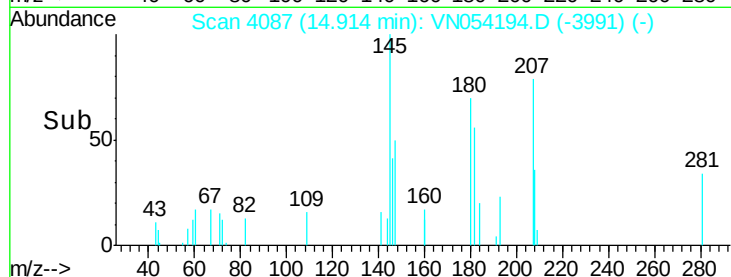
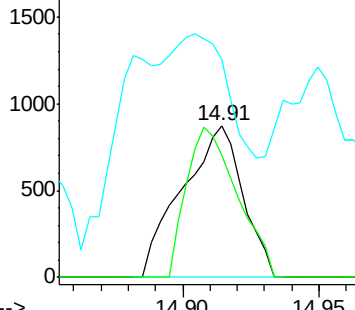
145 0.0 14.2 42.8#



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: 6.693 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054194.D

Acq: 13 Mar 2019 5:40

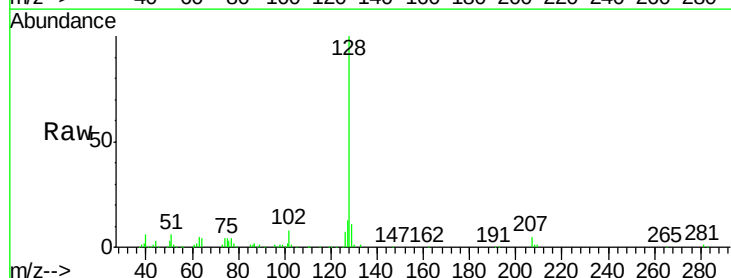
Tgt Ion:128 Resp: 179293

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.1 8.7 13.1



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

