

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054193.D
 Acq On : 13 Mar 2019 5:14
 Operator : JC/SP
 Sample : K1697-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Mar 13 07:36:36 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	1466913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2440988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2517144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1133430	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	802793	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	747630	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	3043713	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	1163437	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	

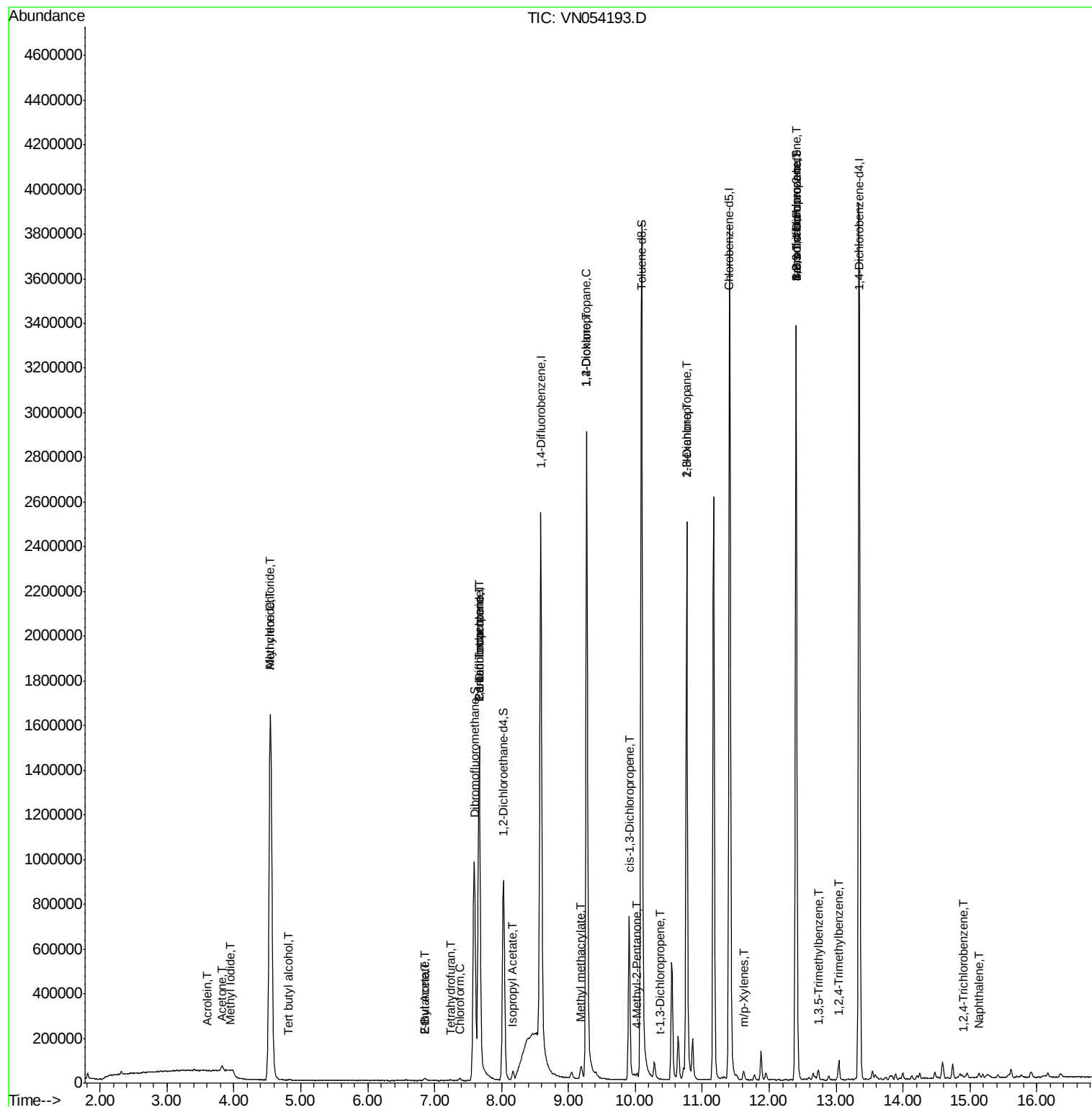
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	256	1.508	ug/l #	69
11) Tert butyl alcohol	4.82	59	681	0.638	ug/l	98
13) Acrolein	3.61	56	629	0.622	ug/l #	14
14) Allyl chloride	4.55	41	37442	1.915	ug/l #	21
16) Acetone	3.82	43	30246	6.781	ug/l	97
20) Methylene Chloride	4.54	84	1318030	89.990	ug/l	99
25) 2-Butanone	6.86	43	9260	1.769	ug/l #	83
29) Tetrahydrofuran	7.23	42	3316	0.985	ug/l #	73
30) Chloroform	7.37	83	10927	0.418	ug/l	98
31) Cyclohexane	7.66	56	22992	Below Cal	#	12
36) 1,1-Dichloropropene	7.67	75	86901	3.866	ug/l #	48
37) Ethyl Acetate	6.86	43	9253	0.716	ug/l #	70
38) Carbon Tetrachloride	7.67	117	119535	5.071	ug/l #	16
43) Isopropyl Acetate	8.17	43	48971	2.160	ug/l	99
45) 1,2-Dichloropropane	9.27	63	4179	0.262	ug/l #	43
48) Methyl methacrylate	9.18	41	19526	1.697	ug/l #	11
49) 1,4-Dioxane	9.27	88	539	3.312	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16515	1.376	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	281	1.997	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	144548	5.733	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	27350	1.123	ug/l #	43
59) 2-Hexanone	10.77	43	370140	46.363	ug/l #	50
68) m/p-Xylenes	11.62	106	13265	0.370	ug/l	97
71) Bromoform	12.40	173	7310	2.806	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	562700	33.760	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21249	0.282	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	562700	115.407	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	51883	0.701	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	1077	2.559	ug/l	83
95) Naphthalene	15.13	128	19310	3.831	ug/l	98

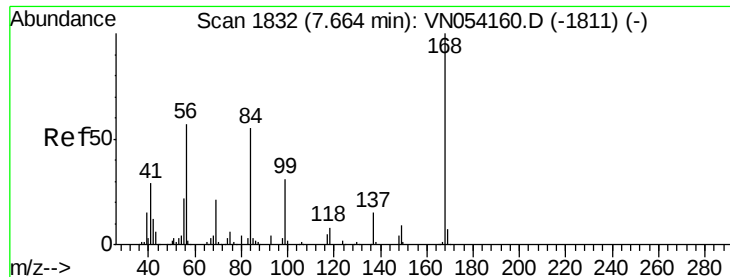
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:33:31 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

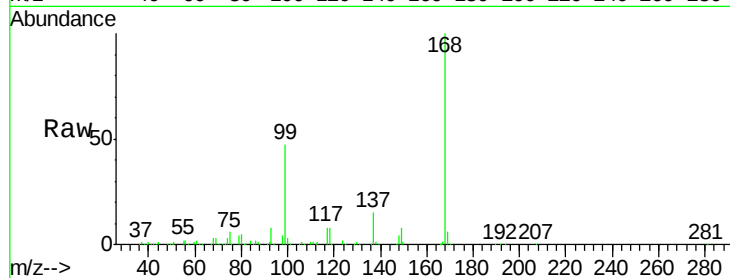
SU-04-031119-A

Tot Ion:168 Resp: 1466913

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

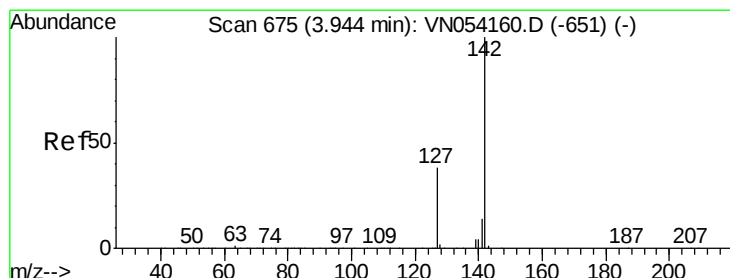
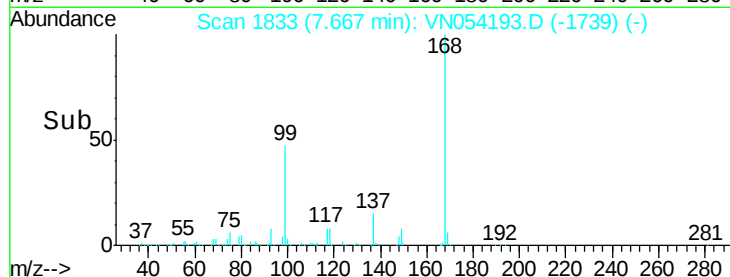
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.508 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

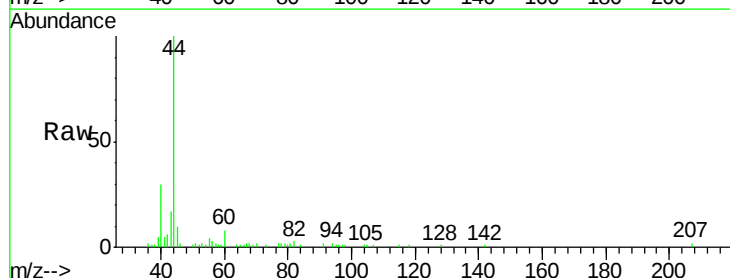
Tgt Ion:142 Resp: 256

Ion Ratio Lower Upper

142 100

127 55.9 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

3.94

400

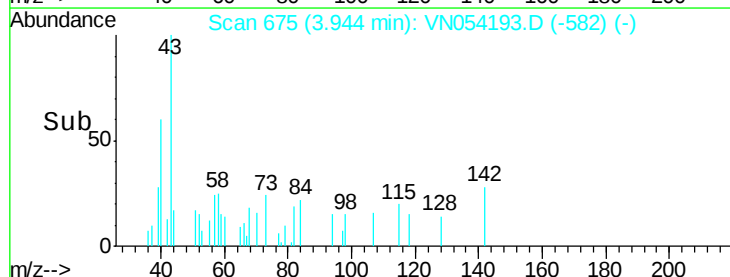
300

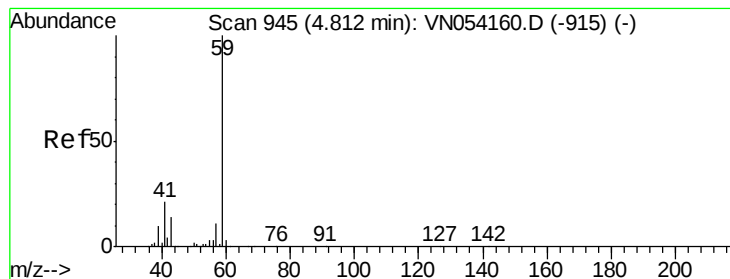
200

100

0

Time--> 3.92 3.94 3.96





#11

Tert butyl alcohol

Concen: 0.638 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

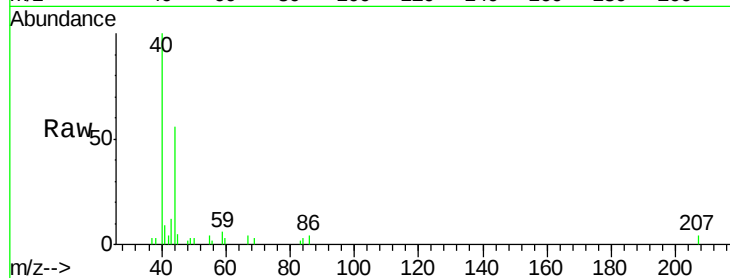
SU-04-031119-A

Tot Ion: 59 Resp: 681

Ion Ratio Lower Upper

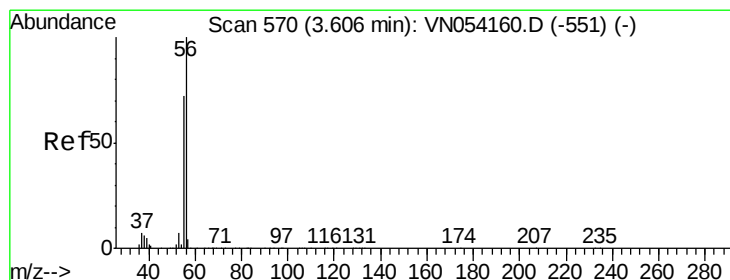
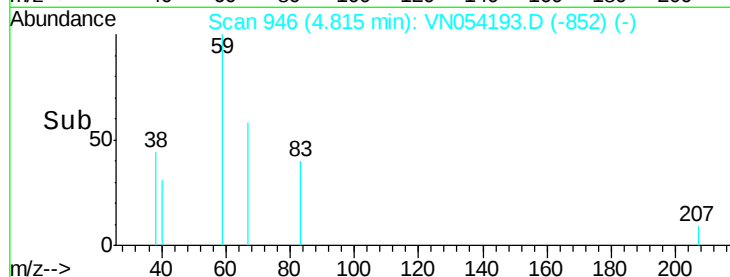
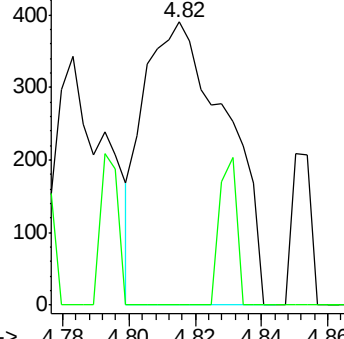
59 100

57 10.6 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: 0.622 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054193.D

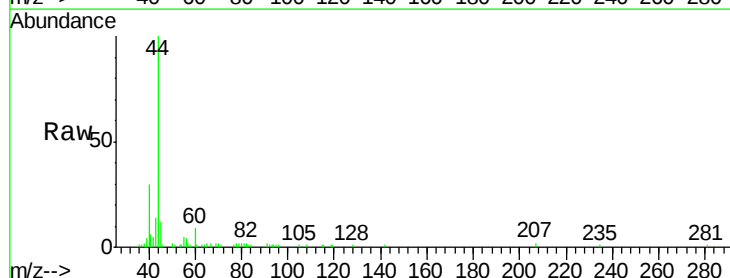
Acq: 13 Mar 2019 5:14

Tgt Ion: 56 Resp: 629

Ion Ratio Lower Upper

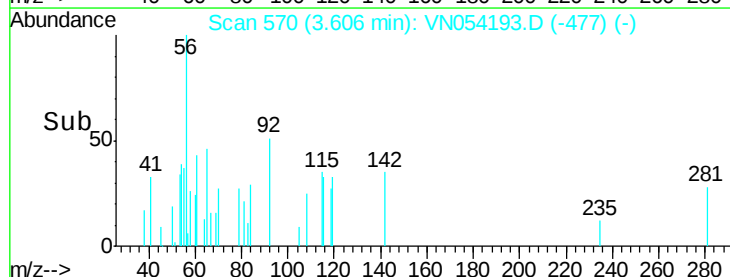
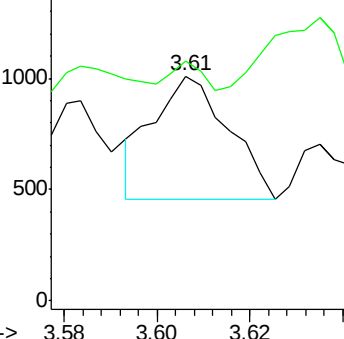
56 100

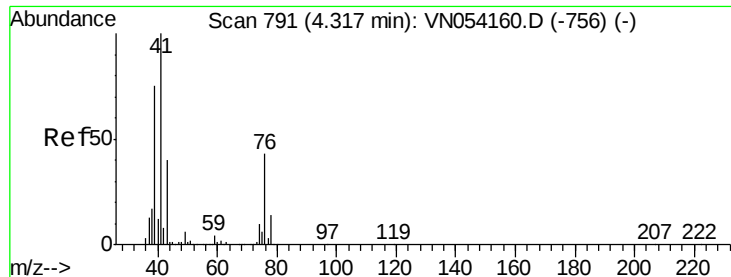
55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#14

Allvl chloride

Concen: 1.915 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.23 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-A

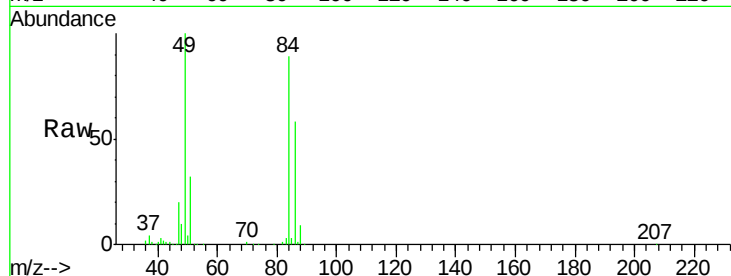
Tot Ion: 41 Resp: 37442

Ion Ratio Lower Upper

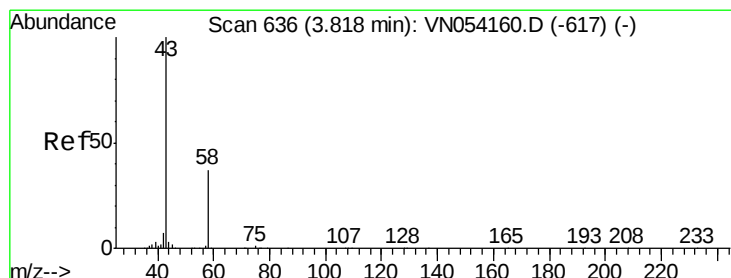
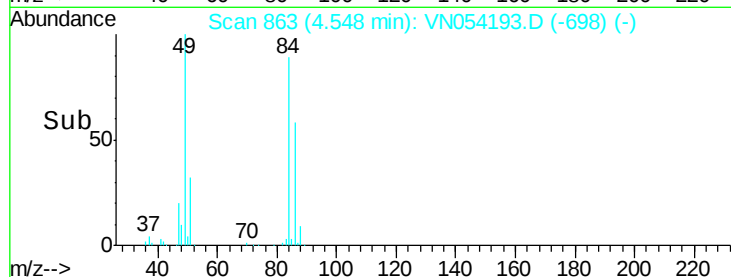
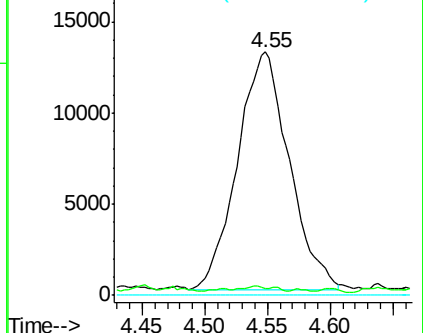
41 100

39 0.4 58.2 87.4#

76 0.0 31.7 47.5#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 75.90 (75.60 to 76.60): VNC



#16

Acetone

Concen: 6.781 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054193.D

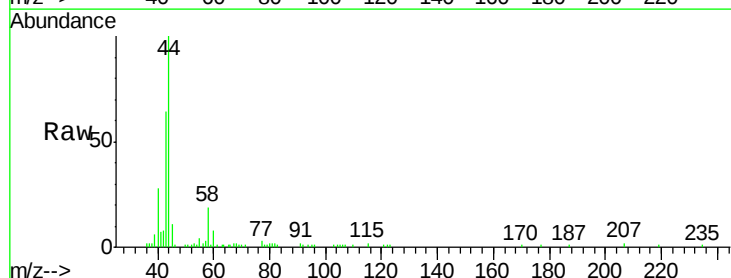
Acq: 13 Mar 2019 5:14

Tgt Ion: 43 Resp: 30246

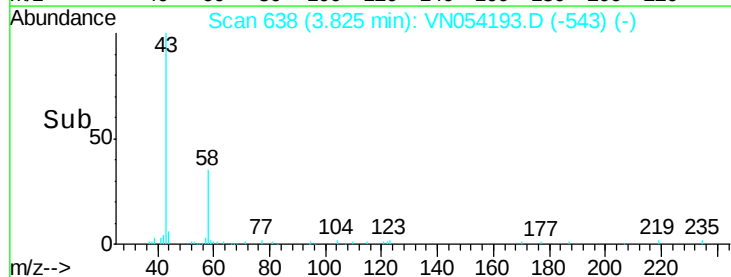
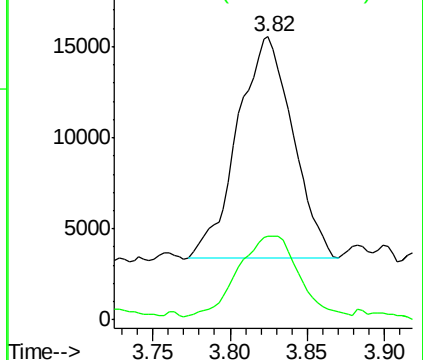
Ion Ratio Lower Upper

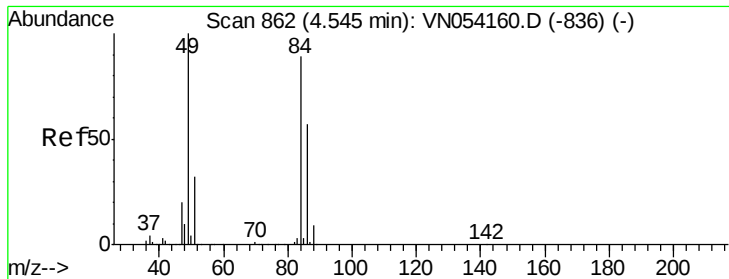
43 100

58 35.9 29.9 44.9



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

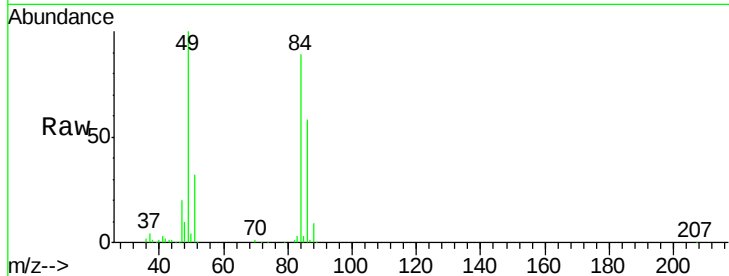




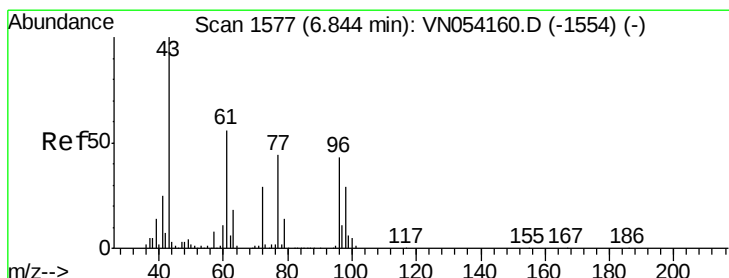
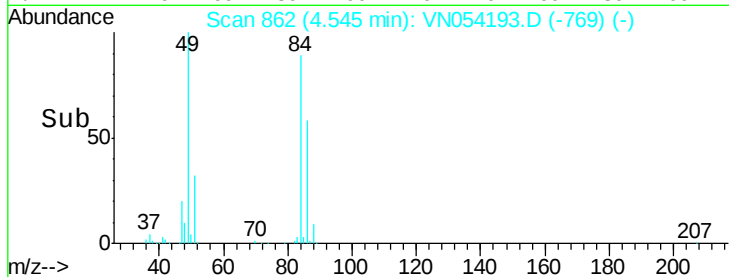
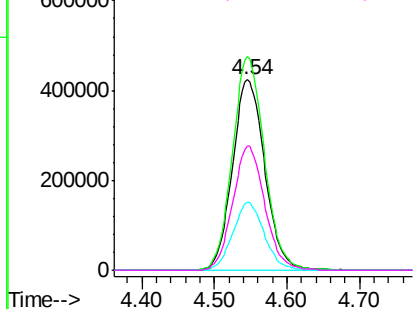
#20
Methvlene Chloride
Concen: 89.990 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Instrument :
MSVOA_N
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SU-04-031119-A

Tot Ion: 84 Resp: 1318030
Ion Ratio Lower Upper
84 100
49 112.0 89.7 134.5
51 35.8 28.2 42.4
86 65.3 50.8 76.2

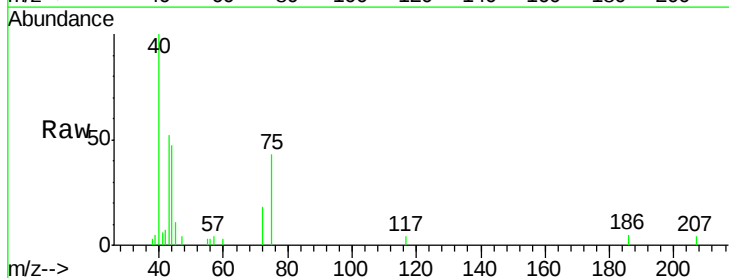


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

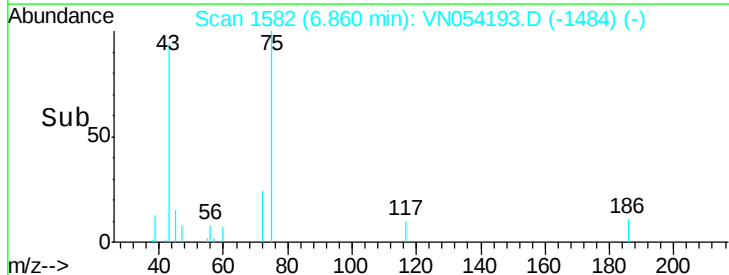
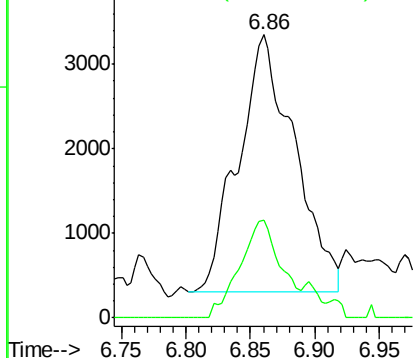


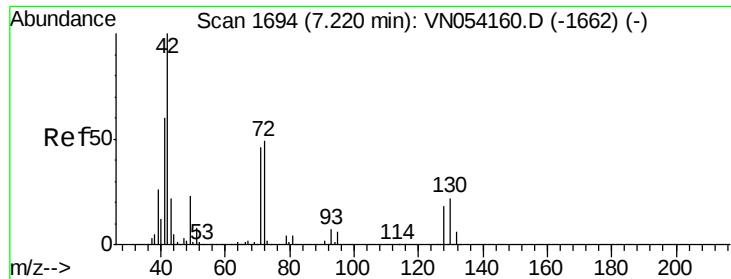
#25
2-Butanone
Concen: 1.769 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Tgt Ion: 43 Resp: 9260
Ion Ratio Lower Upper
43 100
72 38.1 23.0 34.6#



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

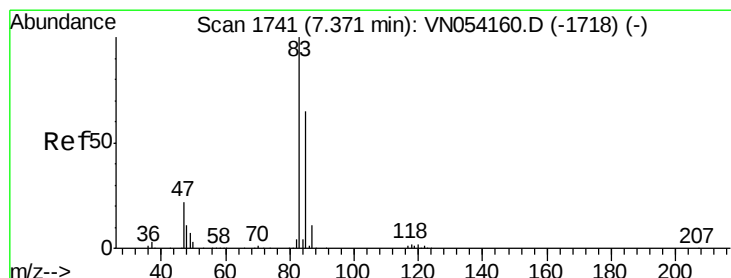
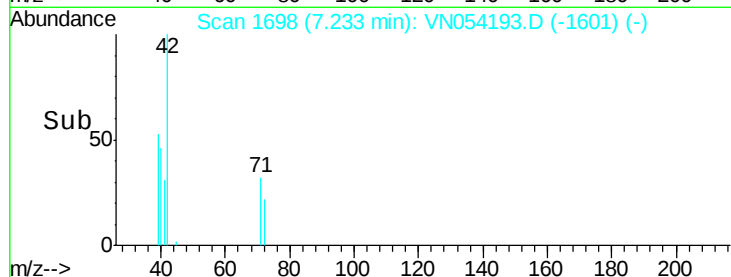
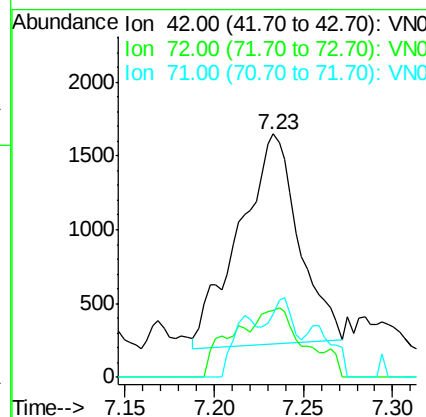
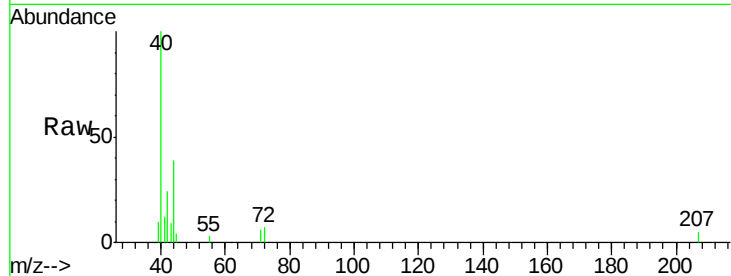




#29
Tetrahydrofuran
Concen: 0.985 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

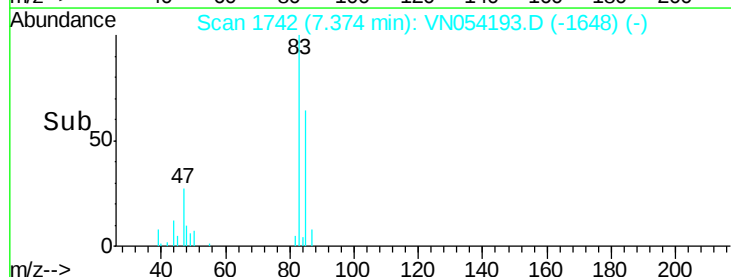
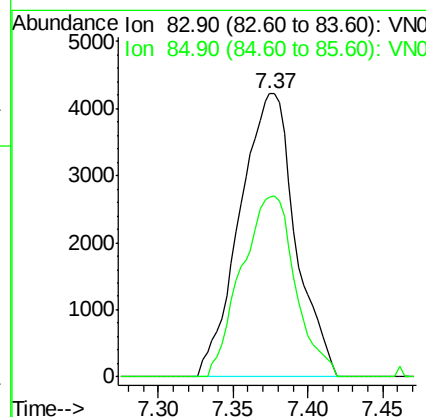
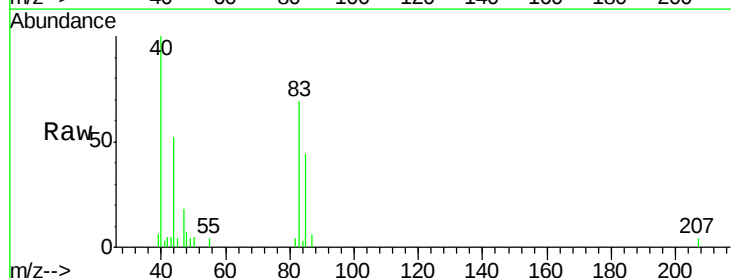
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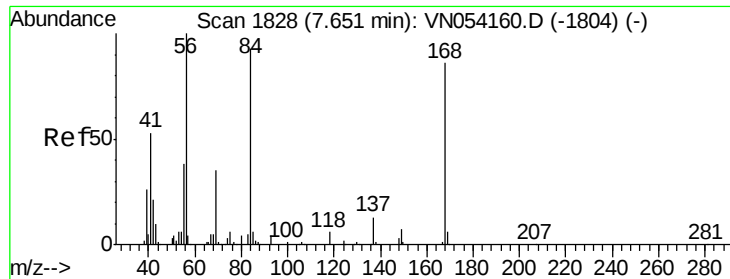
Tot Ion: 42 Resp: 3316
Ion Ratio Lower Upper
42 100
72 39.6 37.8 56.6
71 16.5 36.2 54.2#



#30
Chloroform
Concen: 0.418 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Tgt Ion: 83 Resp: 10927
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4

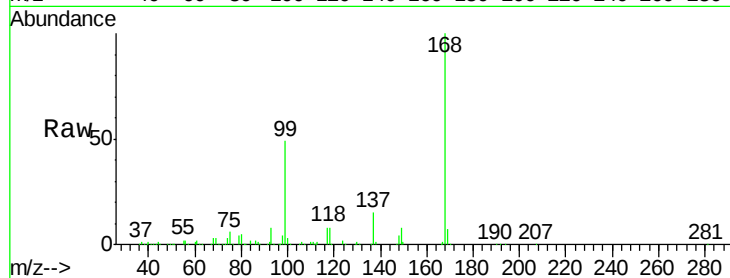




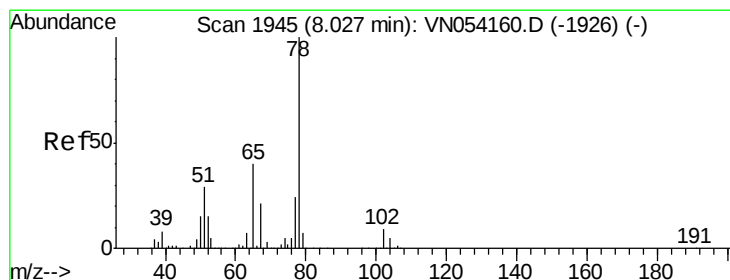
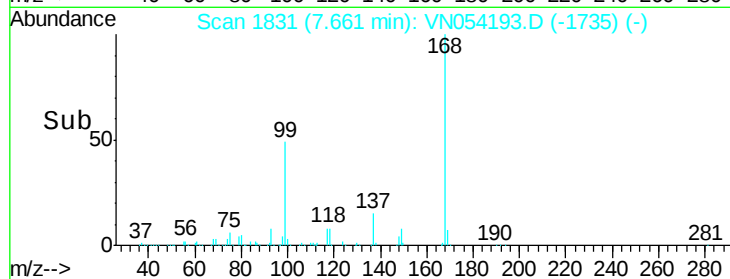
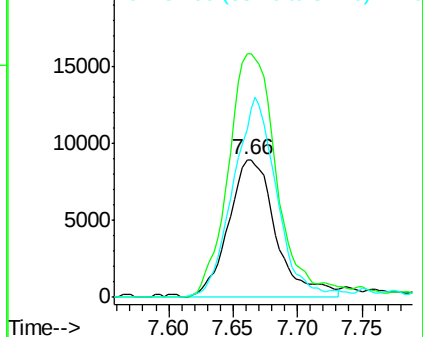
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

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

Tot Ion: 56 Resp: 22992
Ion Ratio Lower Upper
56 100
69 177.0 27.8 41.6#
84 120.7 74.6 111.8#

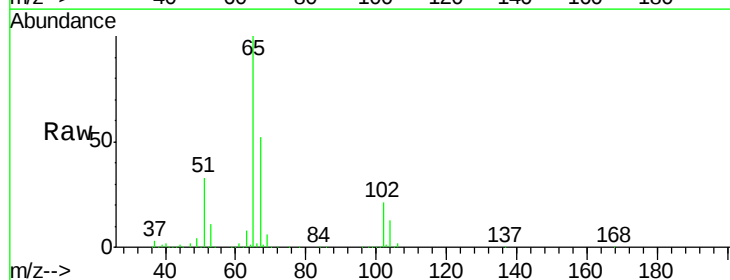


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

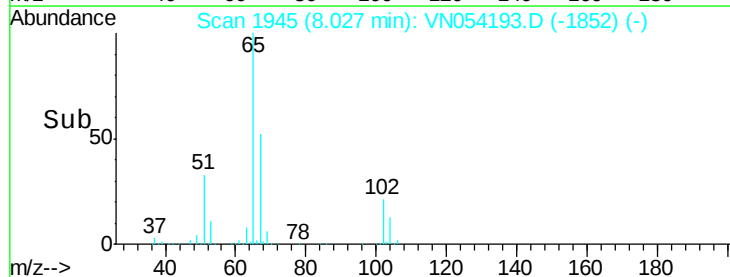
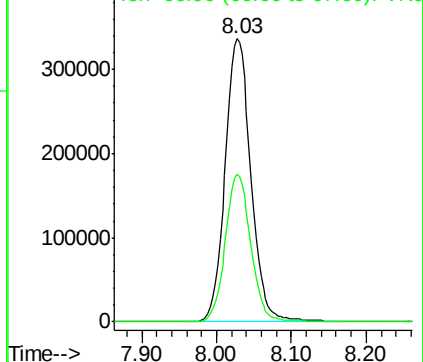


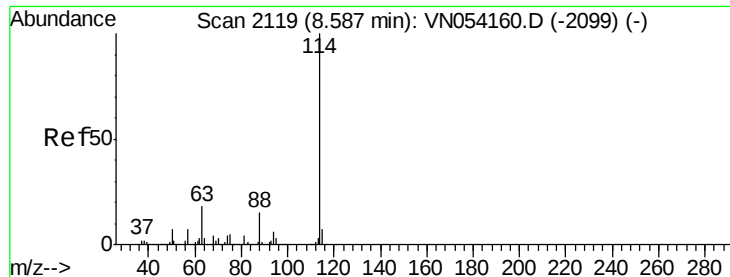
#33
1,2-Dichloroethane-d4
Concen: 51.532 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Tgt Ion: 65 Resp: 802793
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6



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

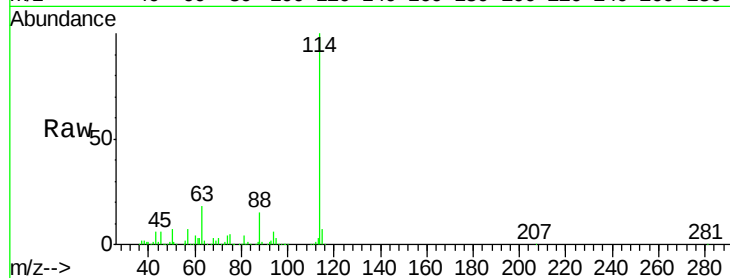




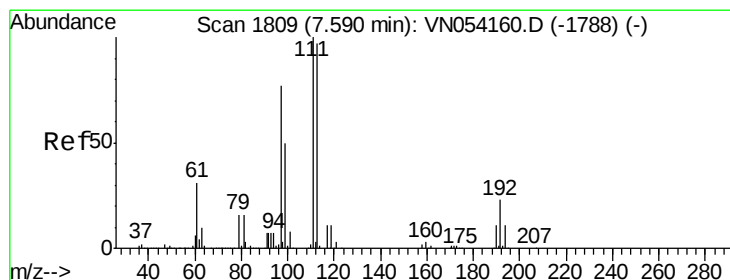
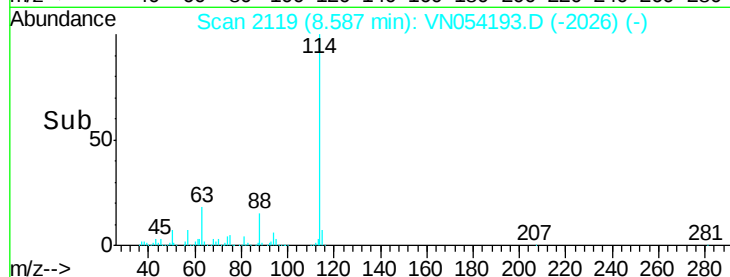
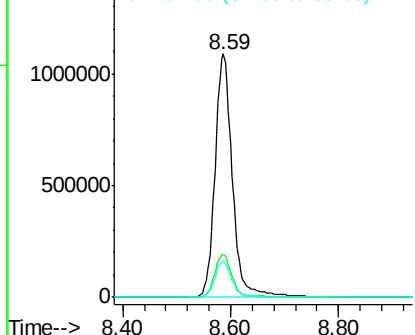
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

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

Tot Ion:114 Resp: 2440988
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.6 0.0 30.2

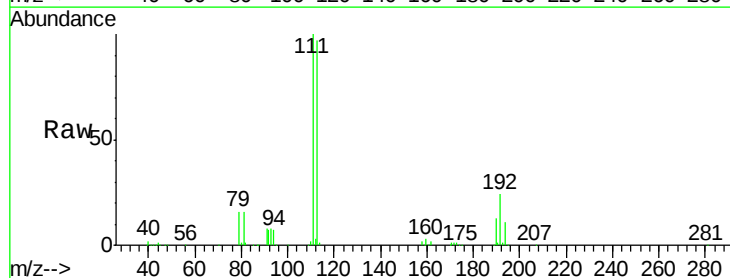


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

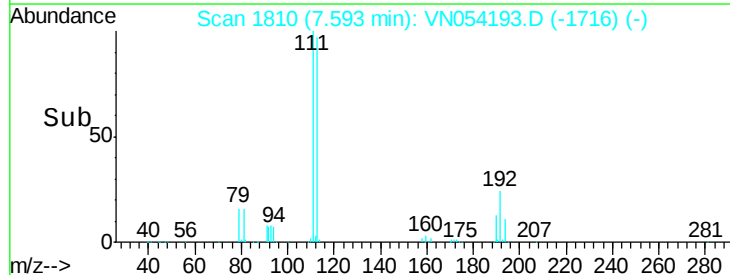
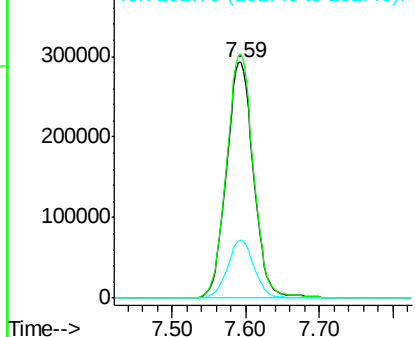


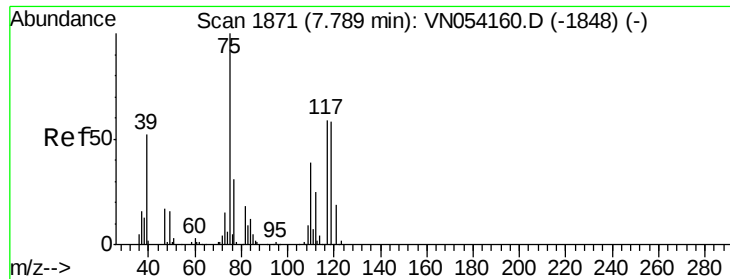
#35
 Dibromofluoromethane
 Concen: 47.489 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

Tgt Ion:113 Resp: 747630
 Ion Ratio Lower Upper
 113 100
 111 103.4 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

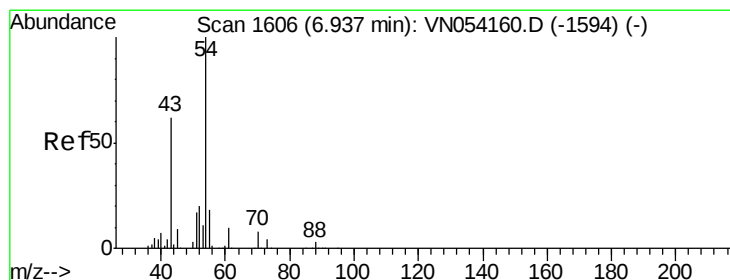
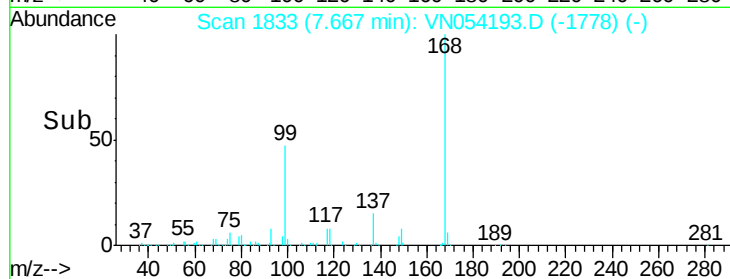
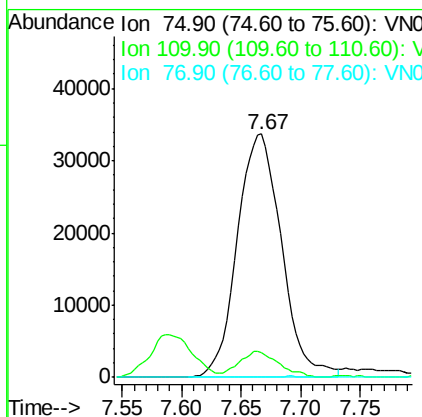
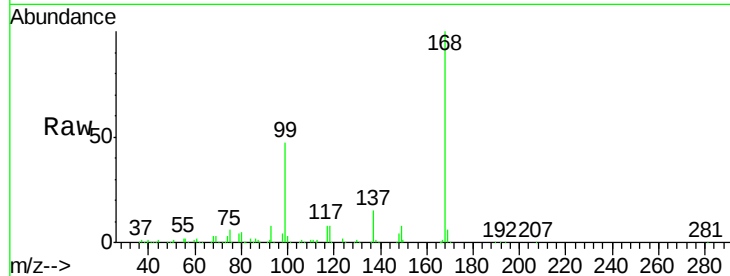




#36
 1,1-Dichloropropene
 Concen: 3.866 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

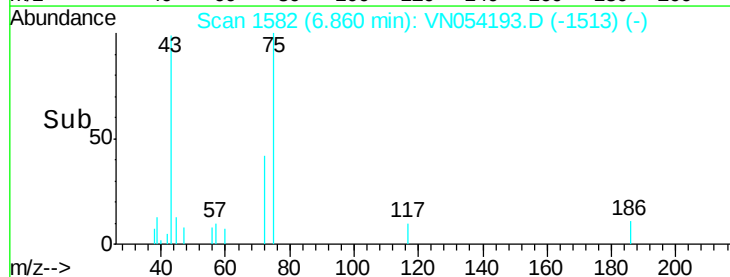
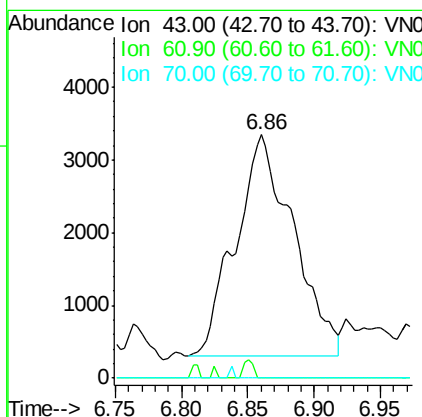
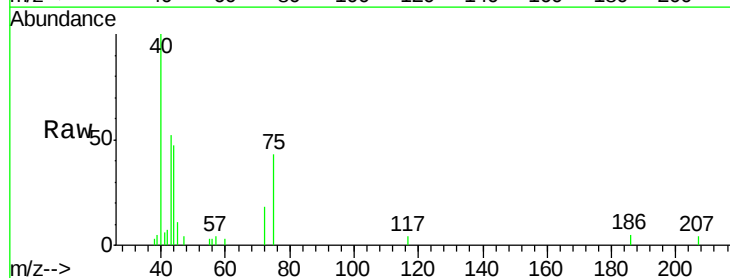
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-031119-A

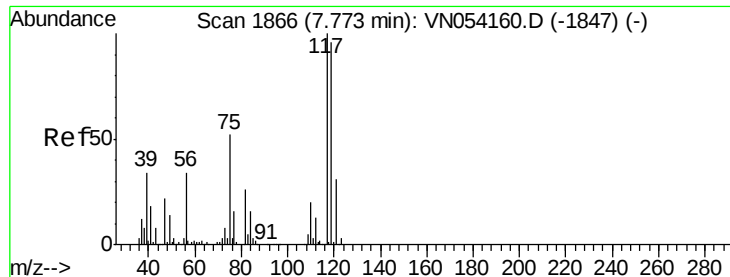
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.5#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.716 ug/l
 RT: 6.86 min Scan# 1582
 Delta R.T. -0.08 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.4	11.8	17.6#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 5.071 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-A

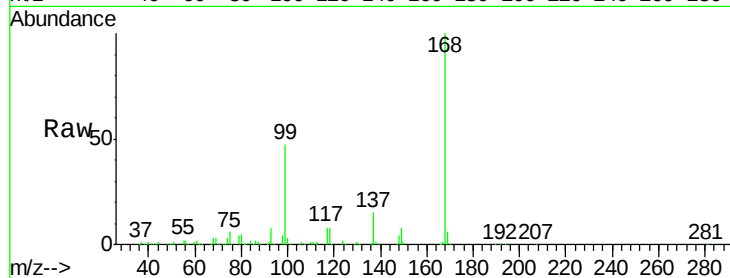
Tot Ion:117 Resp: 119535

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

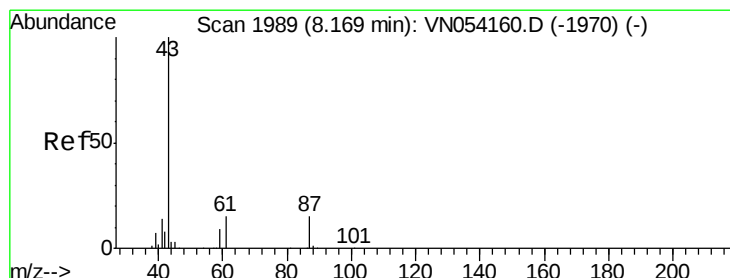
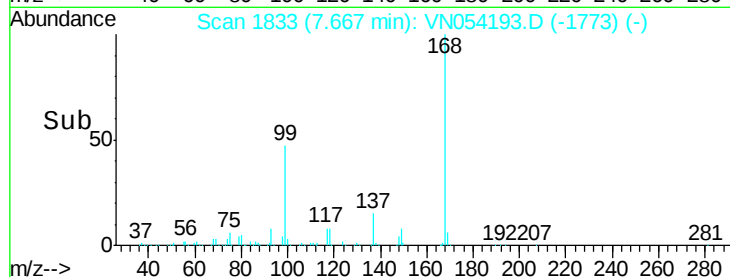
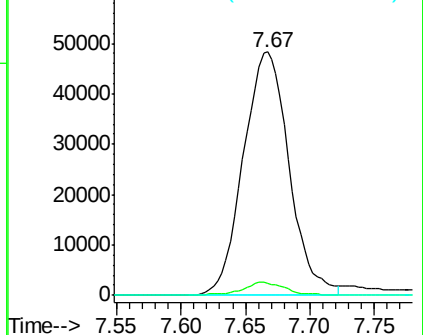
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.160 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

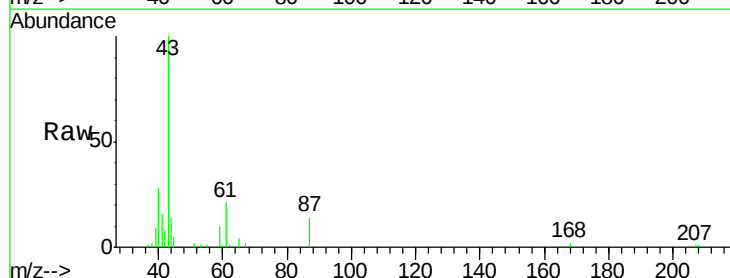
Tgt Ion: 43 Resp: 48971

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.8

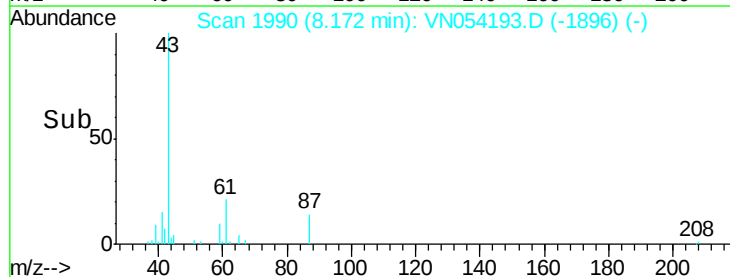
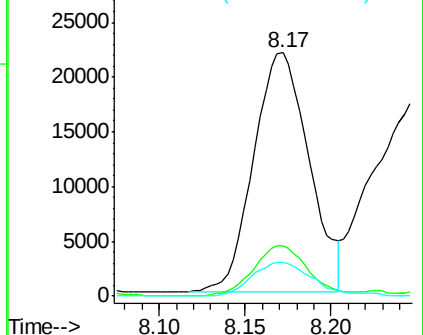
87 15.1 12.0 18.0

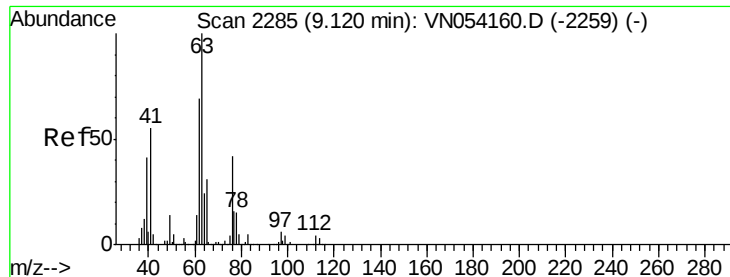


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.262 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

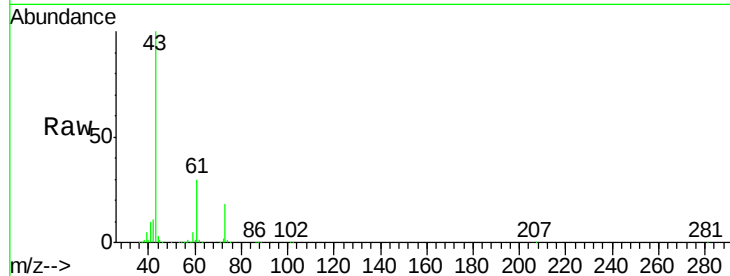
SU-04-031119-A

Tot Ion: 63 Resp: 4179

Ion Ratio Lower Upper

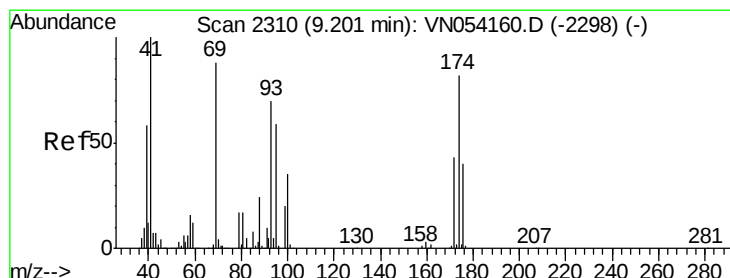
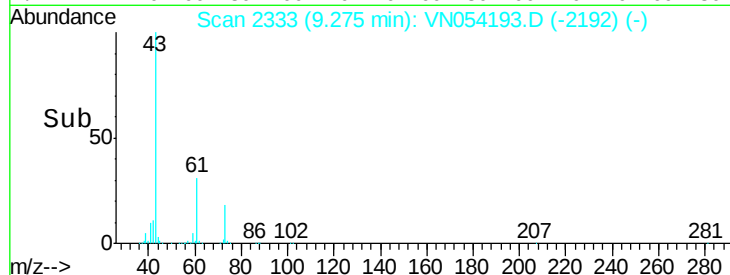
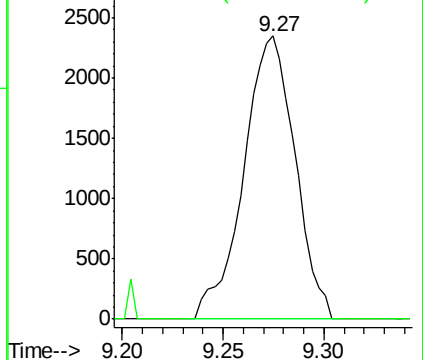
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.697 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

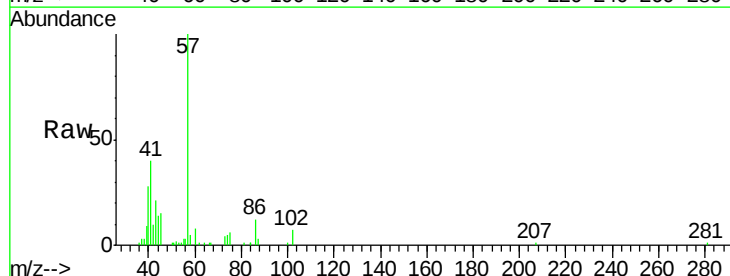
Tgt Ion: 41 Resp: 19526

Ion Ratio Lower Upper

41 100

69 0.2 72.6 108.8#

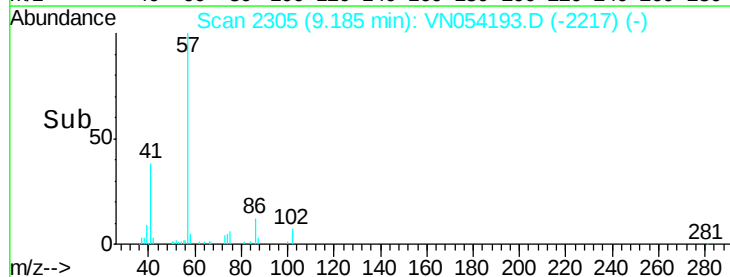
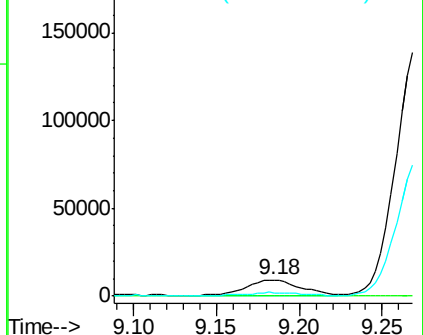
39 0.0 47.5 71.3#

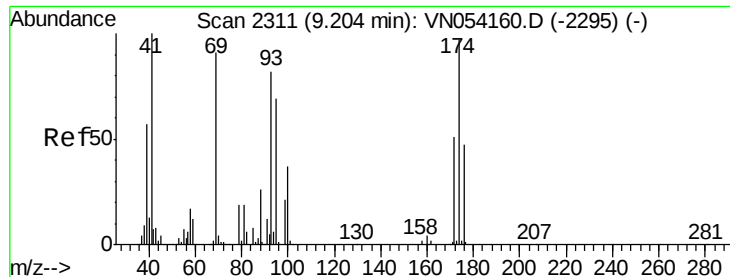


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 3.312 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-A

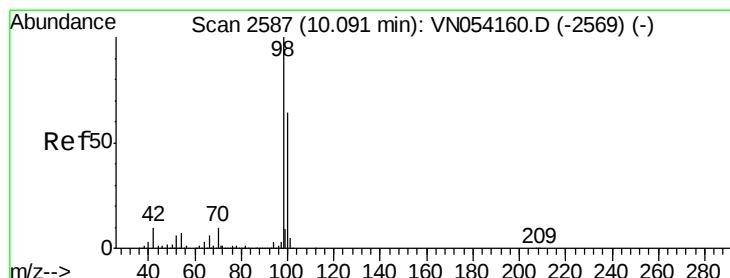
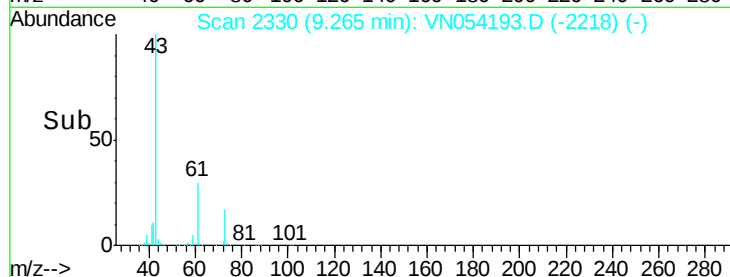
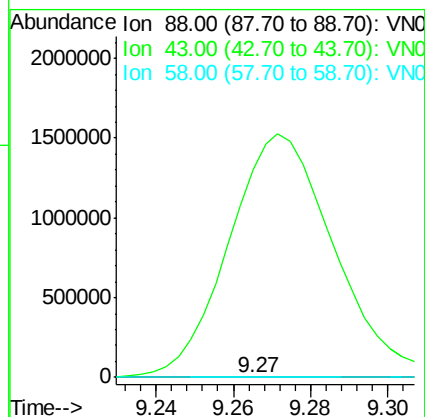
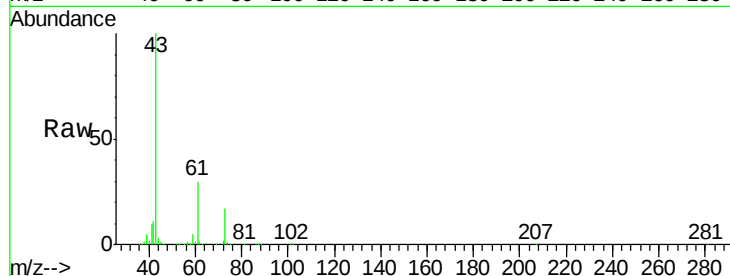
Tot Ion: 88 Resp: 539

Ion Ratio Lower Upper

88 100

43 561959.7 24.1 36.1#

58 2333.0 50.8 76.2#



#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054193.D

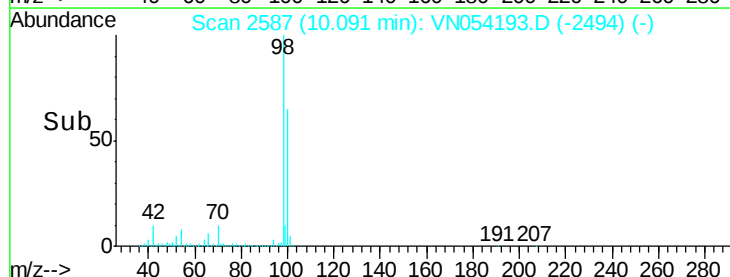
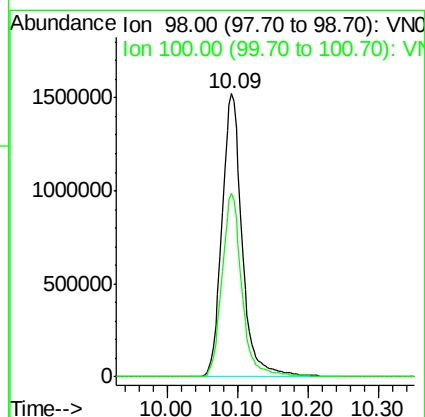
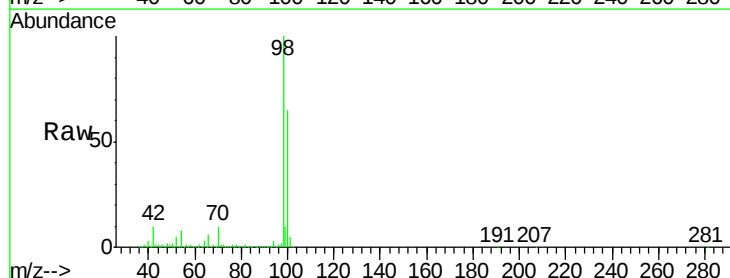
Acq: 13 Mar 2019 5:14

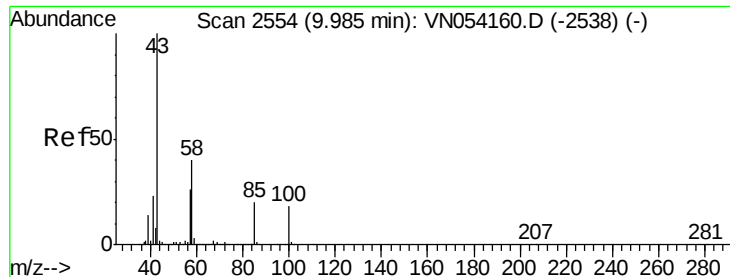
Tgt Ion: 98 Resp: 3043713

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.376 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

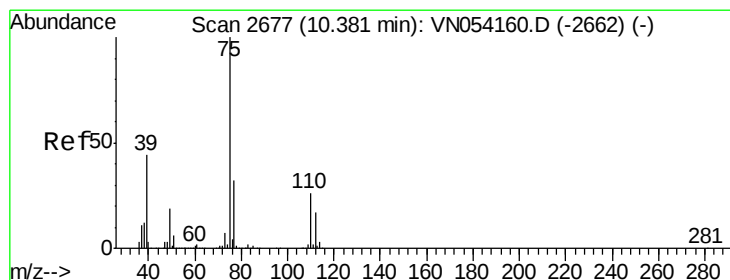
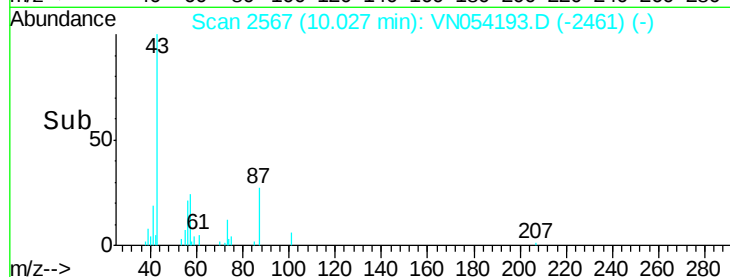
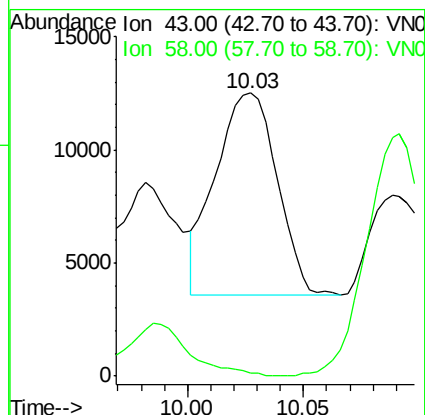
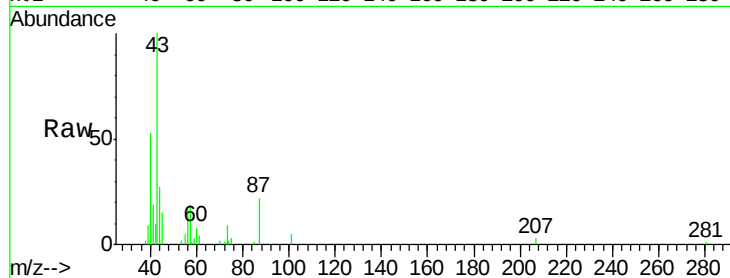
SU-04-031119-A

Tot Ion: 43 Resp: 16515

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.997 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054193.D

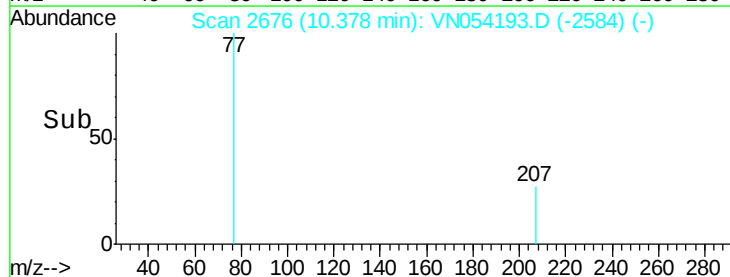
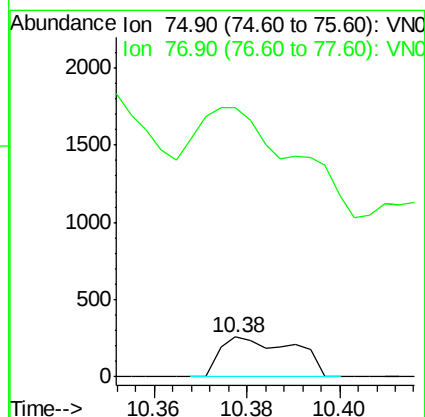
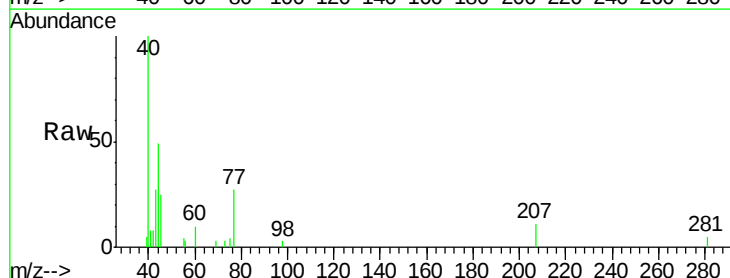
Acq: 13 Mar 2019 5:14

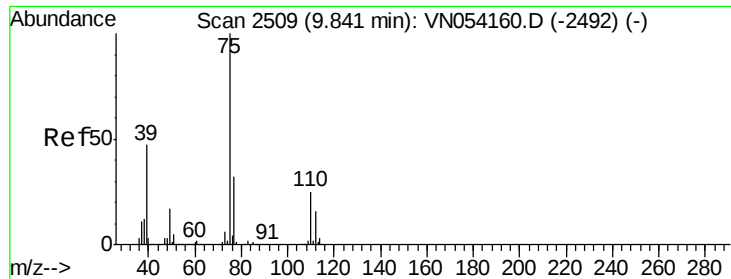
Tgt Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

77 220.9 25.8 38.8#



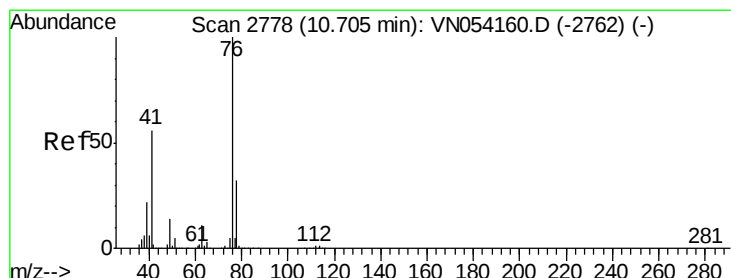
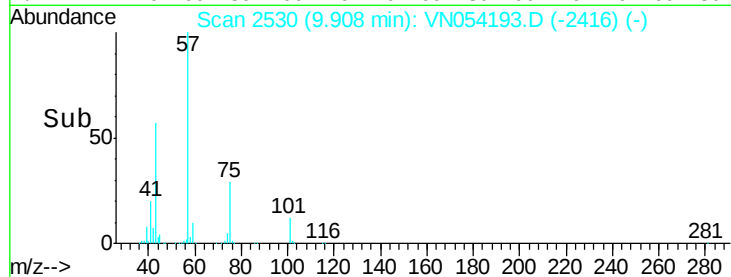
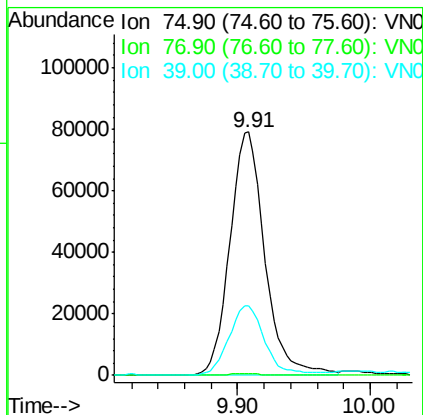
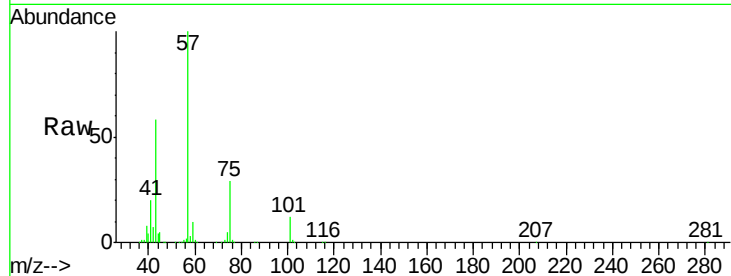


#54

cis-1,3-Dichloropropene
 Concen: 5.733 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

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

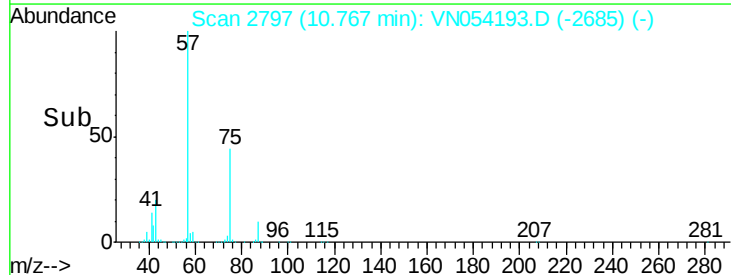
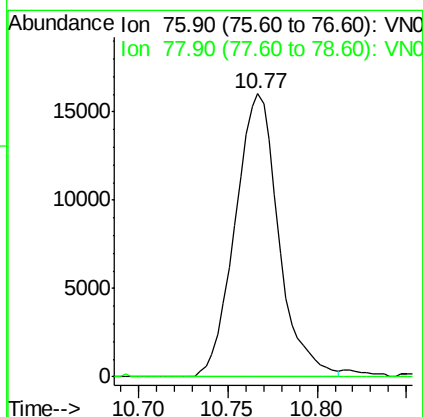
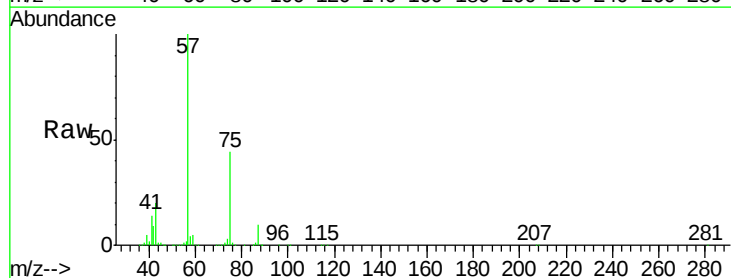
Tot Ion: 75 Resp: 144548
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 28.3 37.2 55.8#

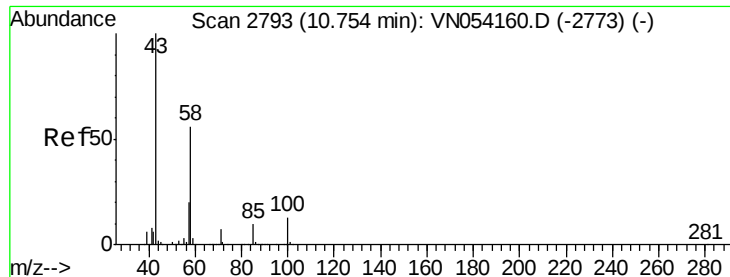


#57

1,3-Dichloropropane
 Concen: 1.123 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

Tgt Ion: 76 Resp: 27350
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

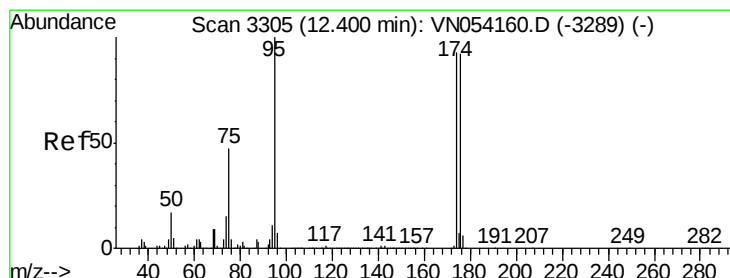
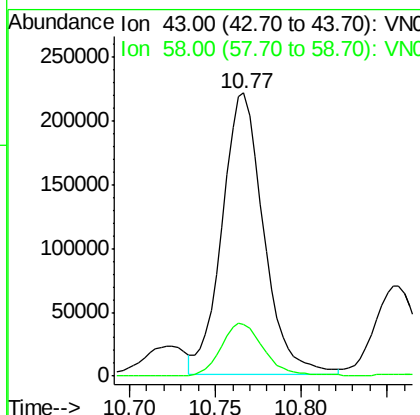
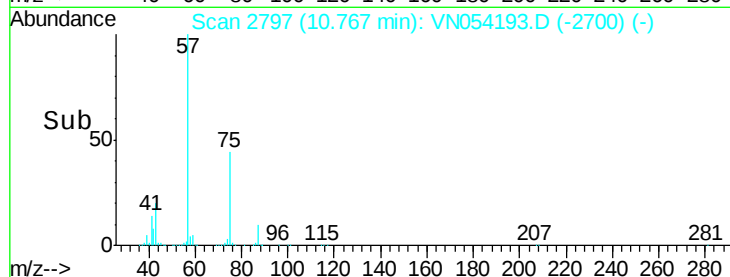
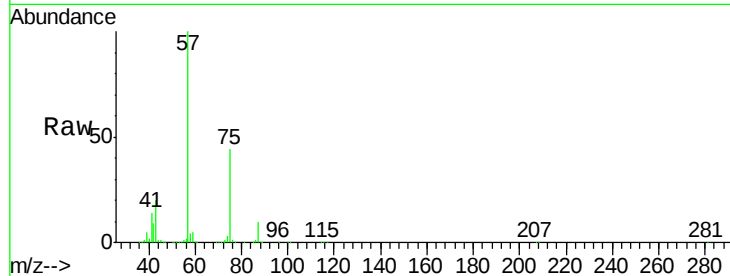




#59
2-Hexanone
Concen: 46.363 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

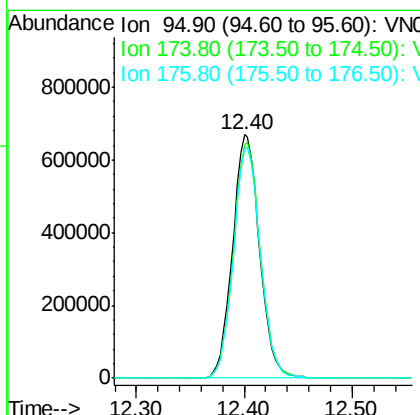
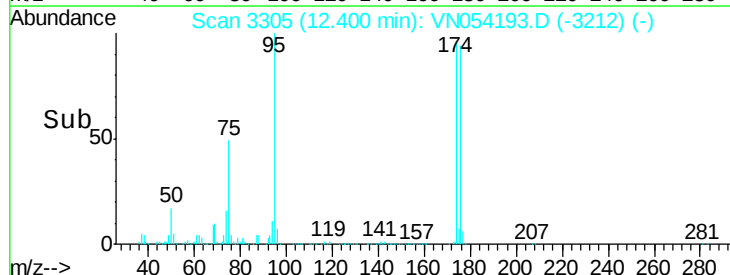
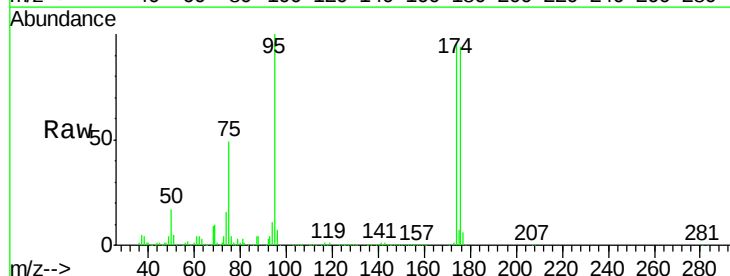
Instrument :
MSVOA_N
ClientSampleId :
SU-04-031119-A

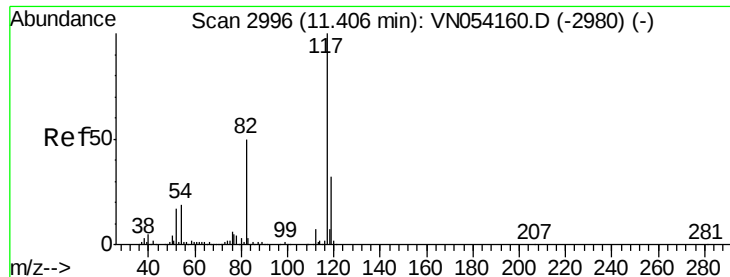
Tot Ion: 43 Resp: 370140
Ion Ratio Lower Upper
43 100
58 19.6 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Tgt Ion: 95 Resp: 1163437
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.0
176 95.1 0.0 187.4

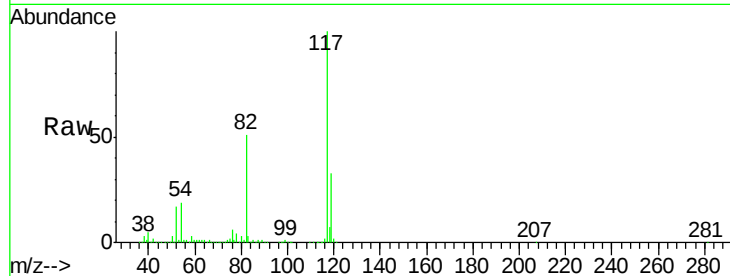




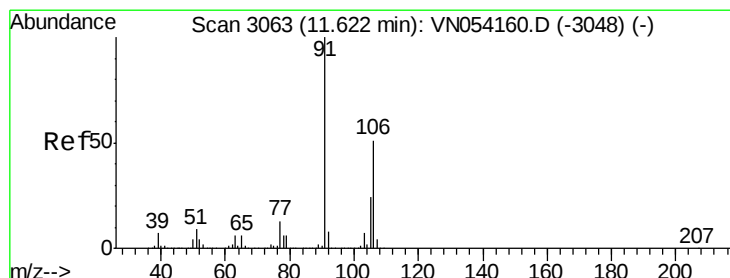
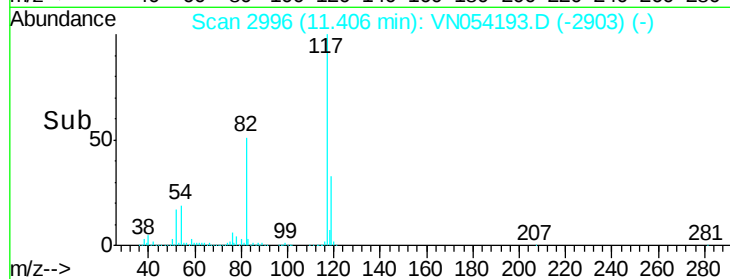
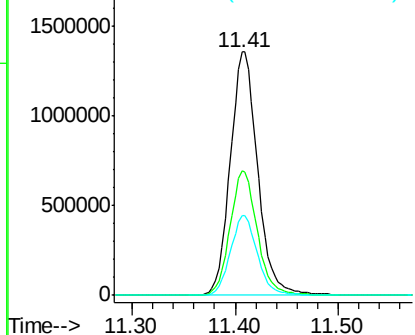
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

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

Tot Ion:117 Resp: 2517144
Ion Ratio Lower Upper
117 100
82 51.2 40.0 60.0
119 32.6 25.8 38.6

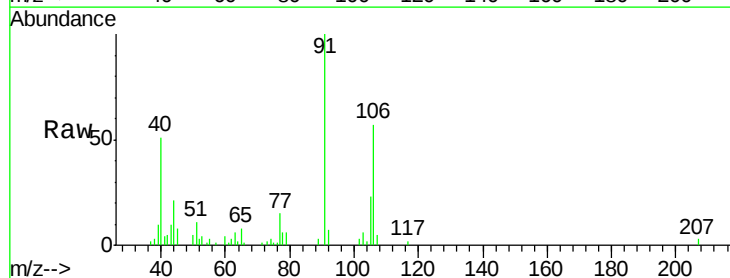


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

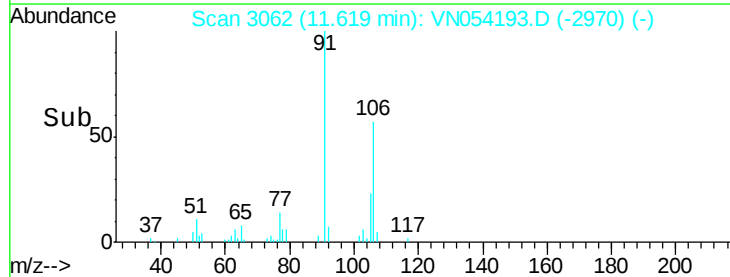
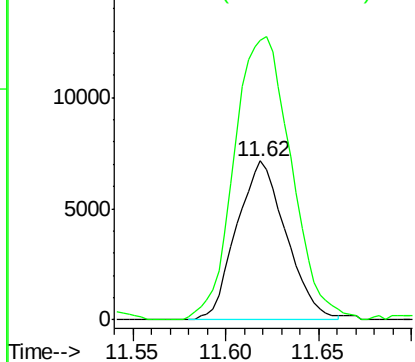


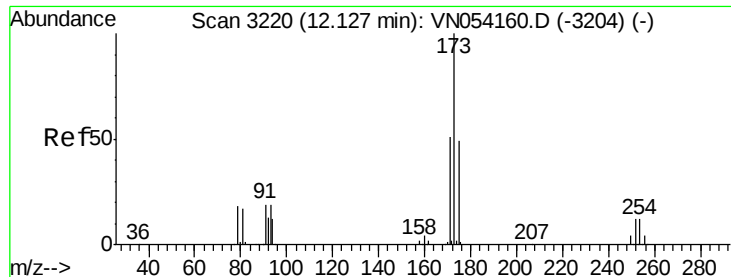
#68
m/p-Xylenes
Concen: 0.370 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054193.D
Acq: 13 Mar 2019 5:14

Tgt Ion:106 Resp: 13265
Ion Ratio Lower Upper
106 100
91 204.5 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 2.806 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-A

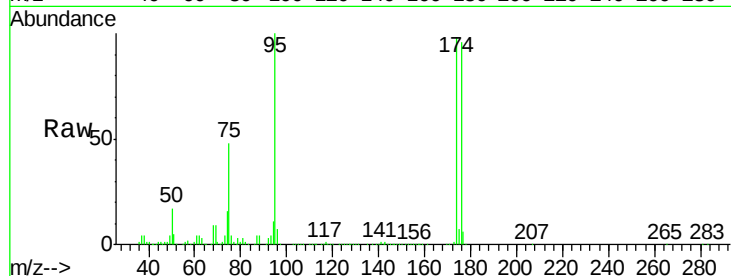
Tot Ion:173 Resp: 7310

Ion Ratio Lower Upper

173 100

175 975.1 24.4 73.2#

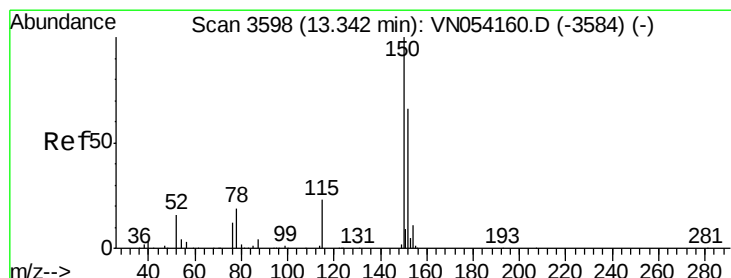
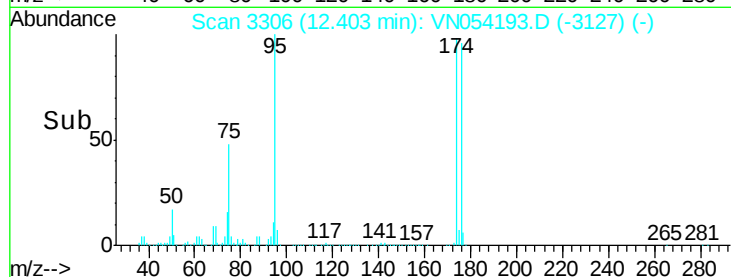
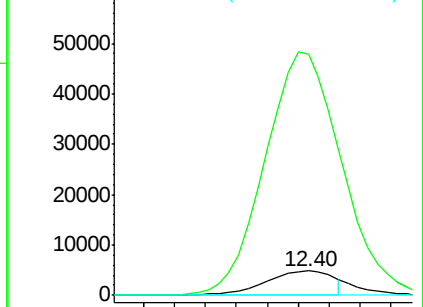
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

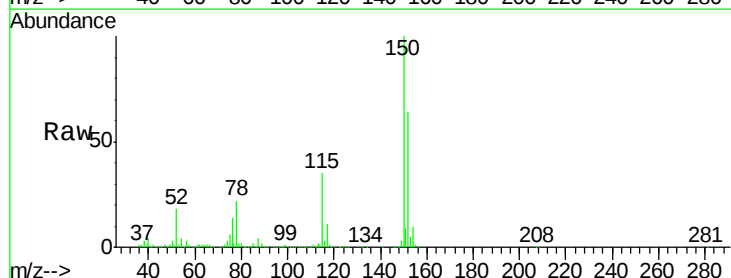
Tgt Ion:152 Resp: 1133430

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

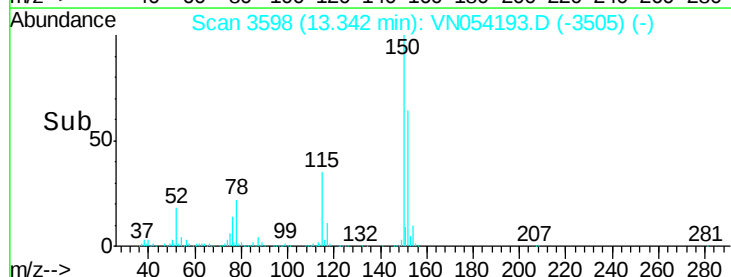
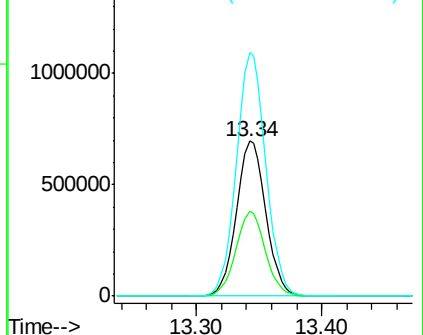
150 156.9 0.0 349.2

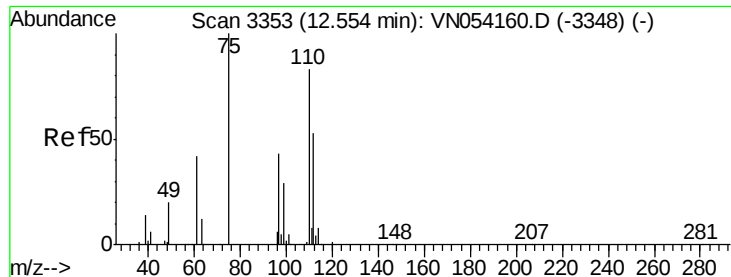


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 33.760 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

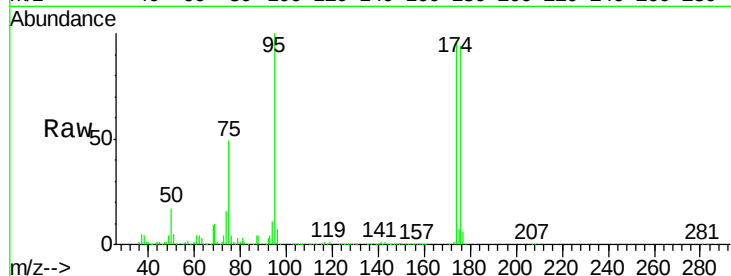
SU-04-031119-A

Tot Ion: 75 Resp: 562700

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

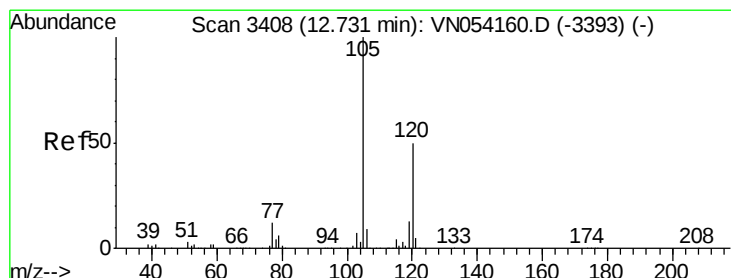
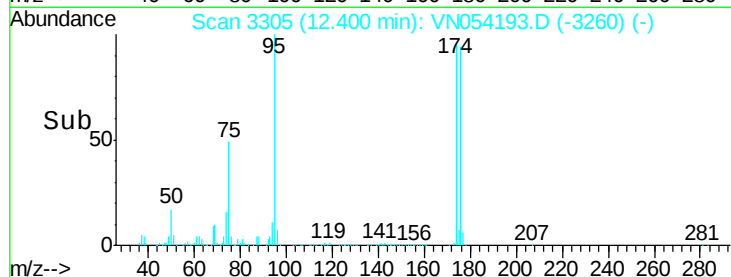
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.282 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054193.D

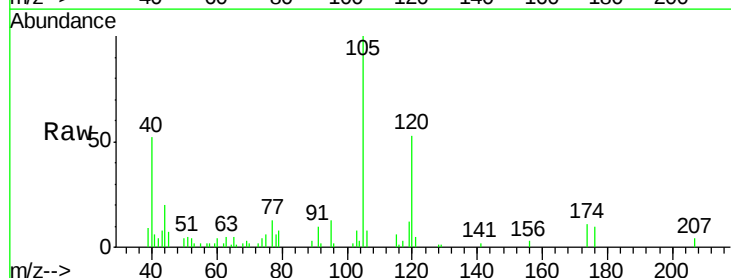
Acq: 13 Mar 2019 5:14

Tgt Ion: 105 Resp: 21249

Ion Ratio Lower Upper

105 100

120 47.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

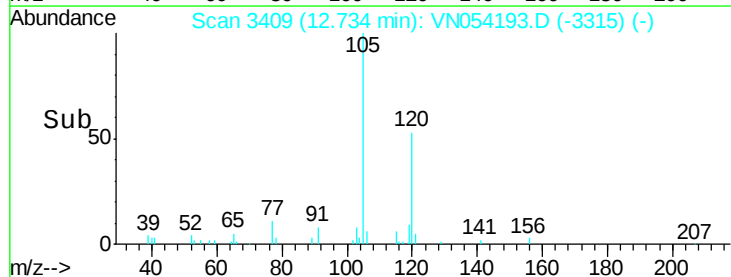
15000

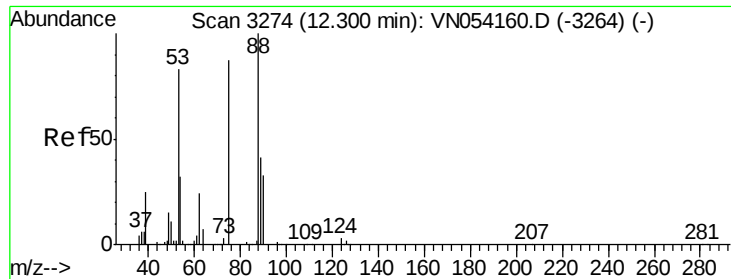
10000

5000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 115.407 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054193.D

Acq: 13 Mar 2019 5:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-031119-A

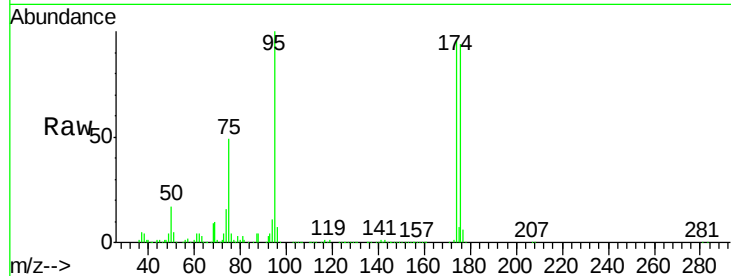
Tot Ion: 75 Resp: 562700

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

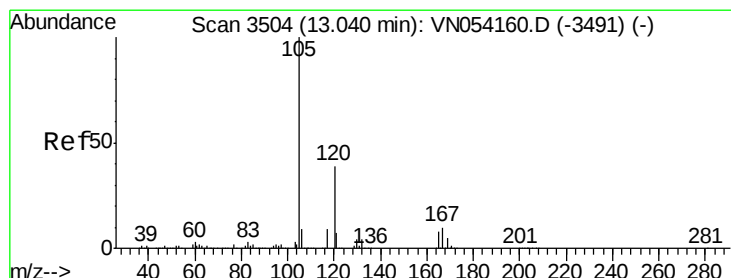
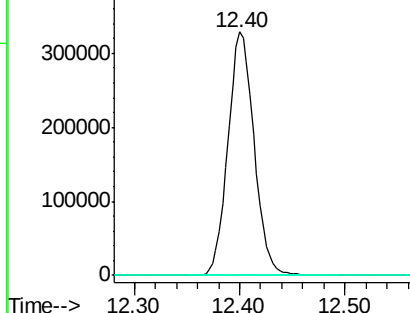
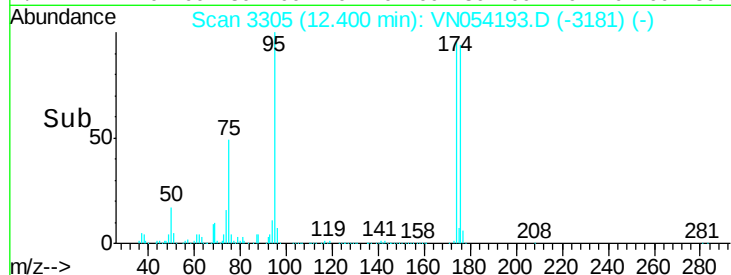
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054193.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054193.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054193.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.701 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054193.D

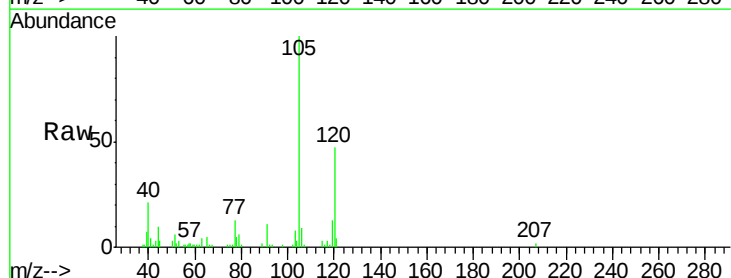
Acq: 13 Mar 2019 5:14

Tgt Ion: 105 Resp: 51883

Ion Ratio Lower Upper

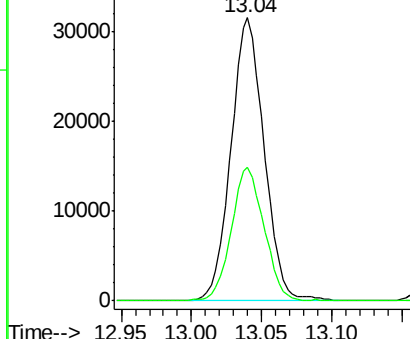
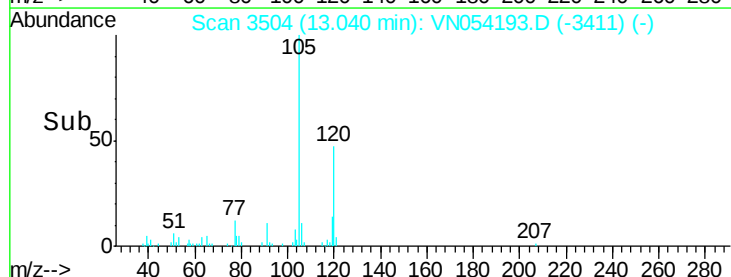
105 100

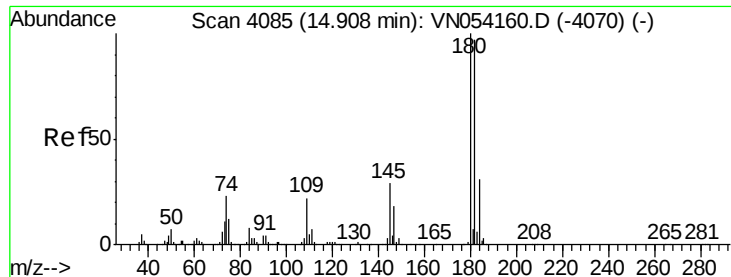
120 46.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054193.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054193.D (-3411) (-)

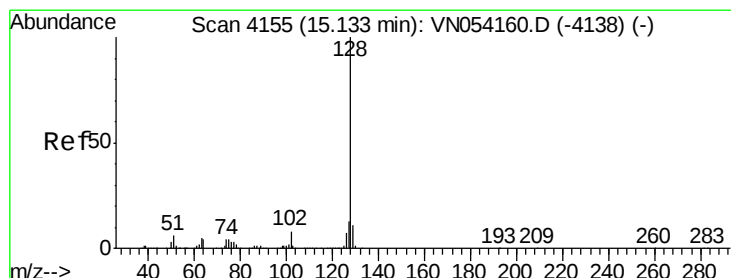
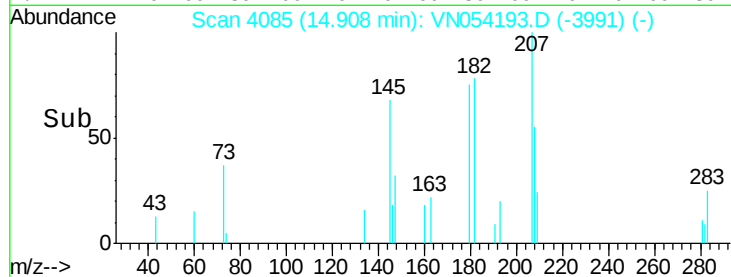
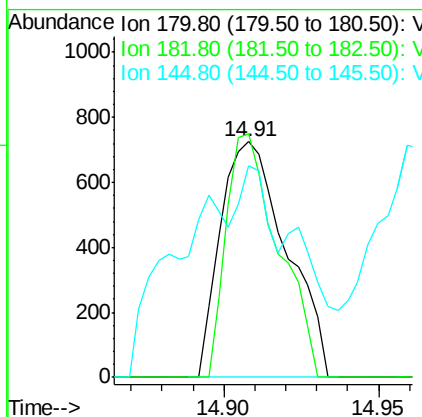
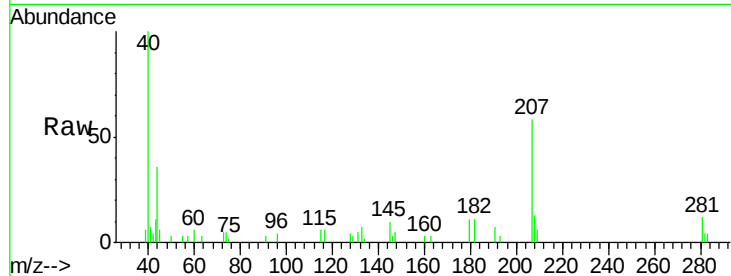




#93
 1,2,4-Trichlorobenzene
 Concen: 2.559 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.7	48.0	144.2
145	15.7	14.2	42.8



#95
 Naphthalene
 Concen: 3.831 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054193.D
 Acq: 13 Mar 2019 5:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.1	8.7	13.1

