

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054897.D
 Acq On : 2 Apr 2019 13:12
 Operator : JC/SP
 Sample : K2170-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	483214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	814972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301776	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	325465	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	260290	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	998842	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	327484	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

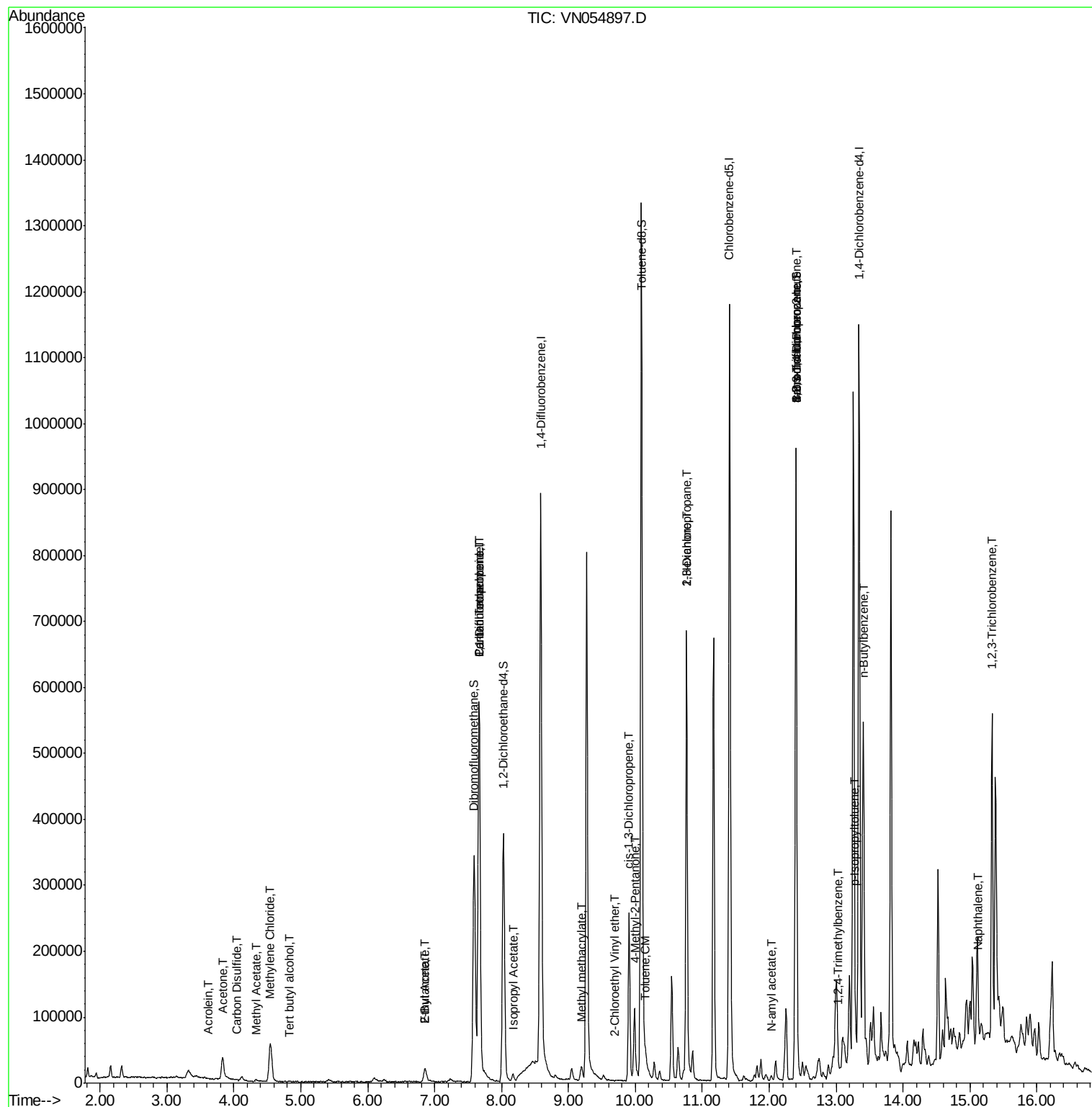
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	320	Below Cal	#	55
11) Tert butyl alcohol	4.83	59	505	1.488	ug/l #	70
13) Acrolein	3.61	56	154	0.508	ug/l	94
16) Acetone	3.83	43	56210	36.187	ug/l #	87
17) Carbon Disulfide	4.04	76	2567	0.208	ug/l #	51
18) Methyl Acetate	4.33	43	5321	0.403	ug/l #	71
20) Methylene Chloride	4.55	84	42229	7.707	ug/l #	85
25) 2-Butanone	6.86	43	24132	10.510	ug/l #	82
31) Cyclohexane	7.66	56	10856	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	36722	4.836	ug/l #	48
37) Ethyl Acetate	6.86	43	24132	4.333	ug/l #	70
38) Carbon Tetrachloride	7.66	117	45826	6.213	ug/l #	17
43) Isopropyl Acetate	8.17	43	11491	1.270	ug/l #	92
48) Methyl methacrylate	9.19	41	8707	1.775	ug/l #	48
51) 4-Methyl-2-Pentanone	9.99	43	90237	17.738	ug/l #	87
52) Toluene	10.15	92	5191	0.401	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	40080	4.924	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	6171	0.747	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	29	10.365	ug/l #	44
59) 2-Hexanone	10.76	43	117107	35.959	ug/l #	51
71) Bromoform	12.40	173	2343	0.762	ug/l #	1
74) N-amyl acetate	12.03	43	4877	0.635	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.55	83	337	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	167844	32.016	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	167844	124.533	ug/l #	11
83) tert-Butylbenzene	13.04	119	1454	Below Cal	#	1
84) 1,2,4-Trimethylbenzene	13.04	105	6066	0.315	ug/l	98
86) p-Isopropyltoluene	13.29	119	53510	2.759	ug/l #	78
89) n-Butylbenzene	13.41	91	8807	0.557	ug/l	76
95) Naphthalene	15.13	128	6648	0.611	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.32	180	1303	0.266	ug/l #	51

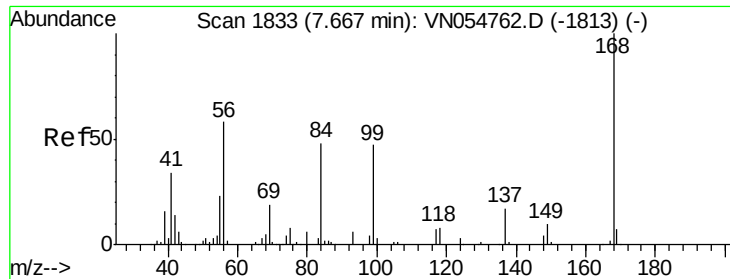
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

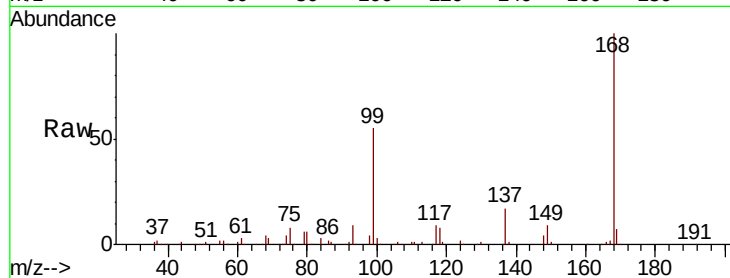
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 483214

Ion Ratio Lower Upper

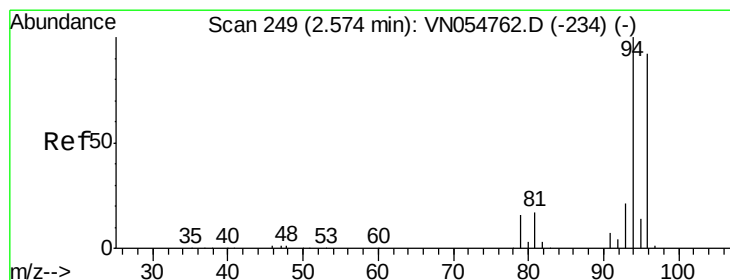
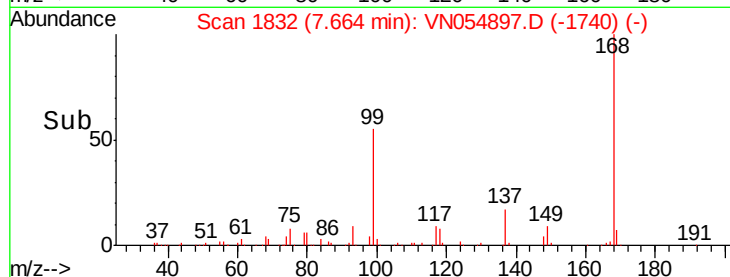
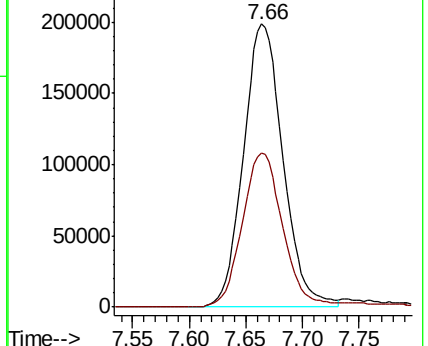
168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054897.D

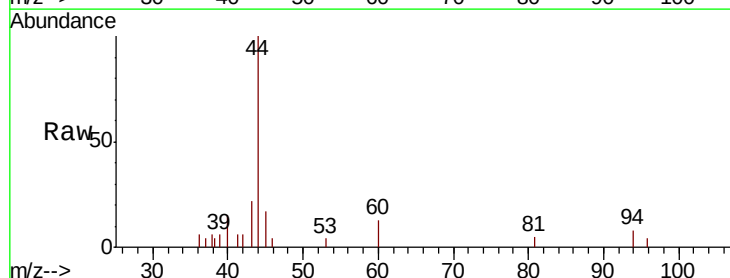
Acq: 2 Apr 2019 13:12

Tgt Ion: 94 Resp: 320

Ion Ratio Lower Upper

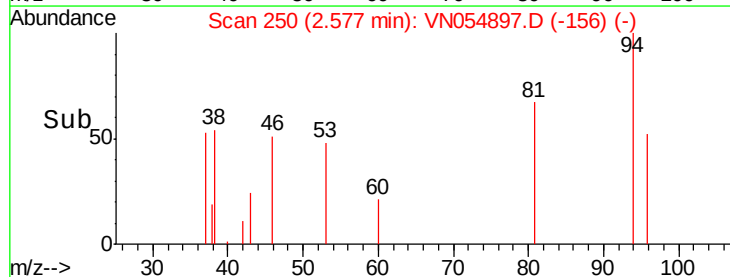
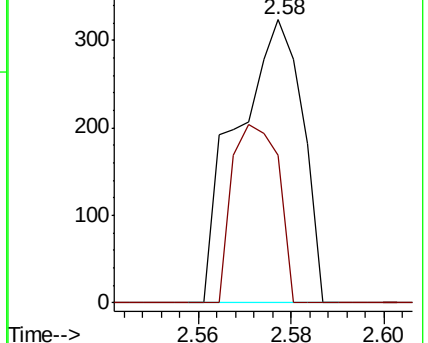
94 100

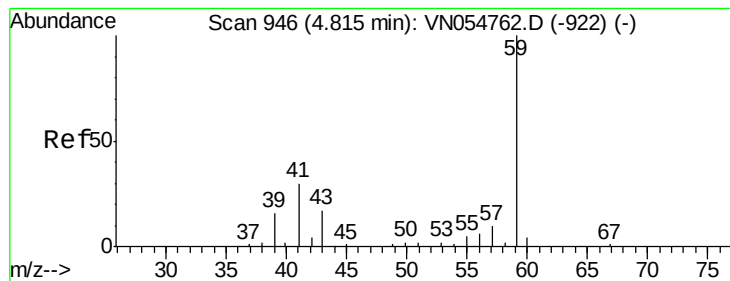
96 52.3 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#11

Tert butyl alcohol

Concen: 1.488 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.01 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

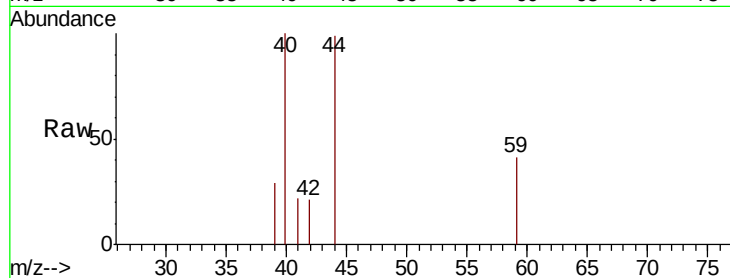
ClientSampled :

Tot Ion: 59 Resp: 505

Ion Ratio Lower Upper

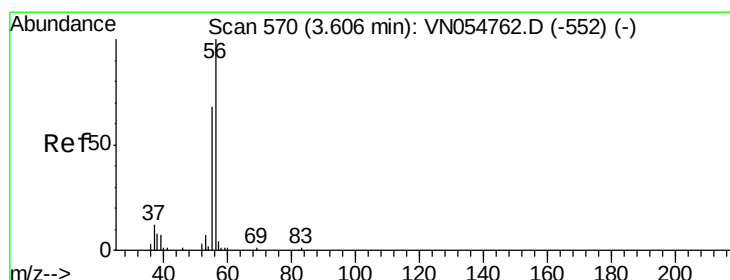
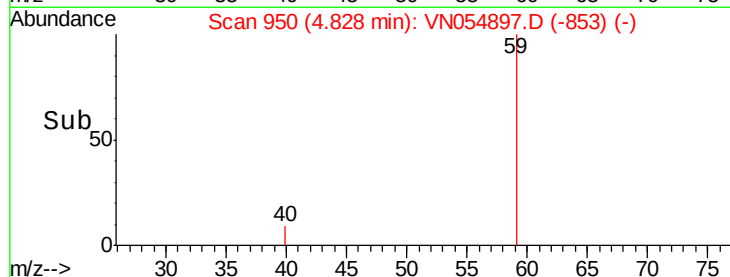
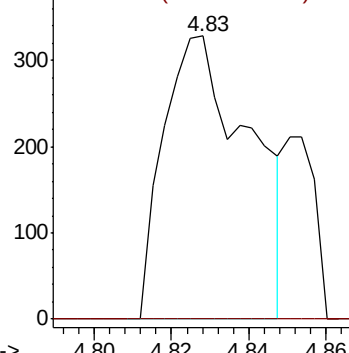
59 100

57 0.0 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: 0.508 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054897.D

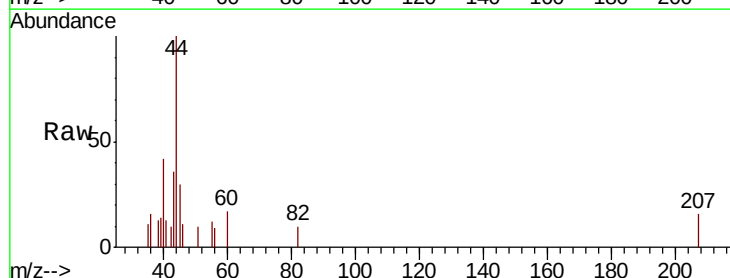
Acq: 2 Apr 2019 13:12

Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

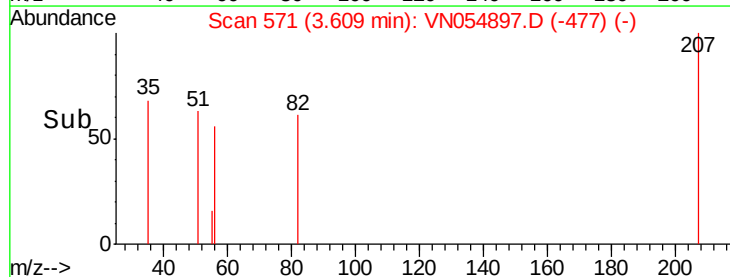
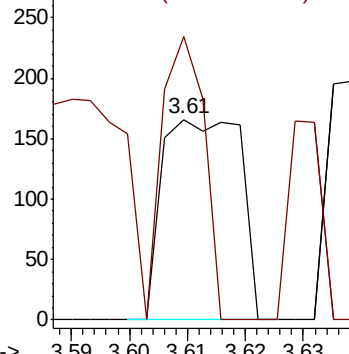
56 100

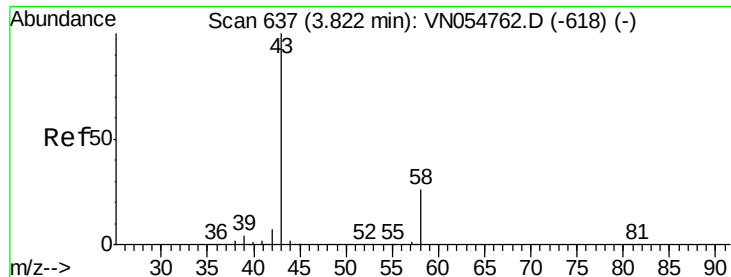
55 76.0 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 36.187 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

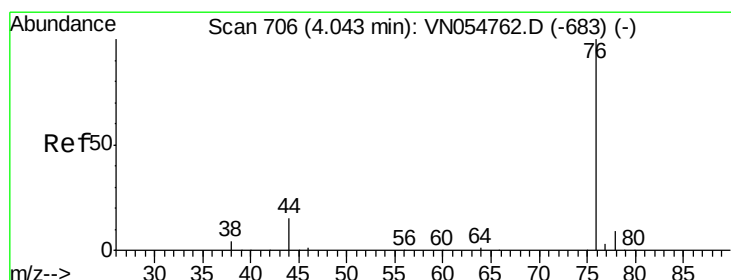
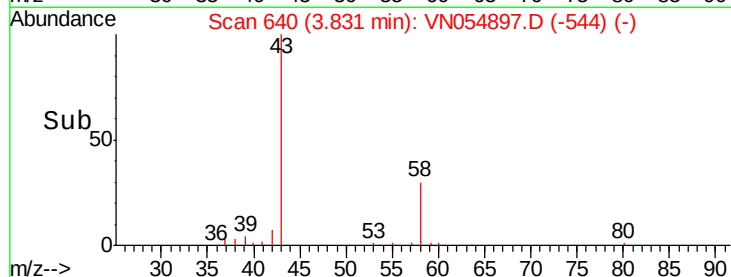
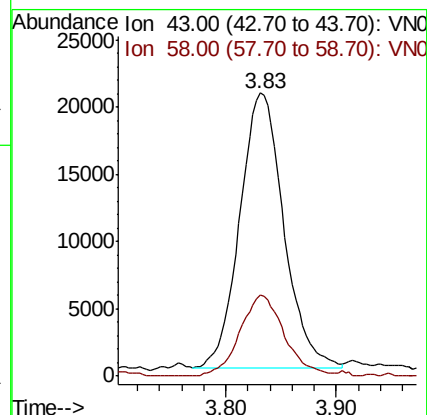
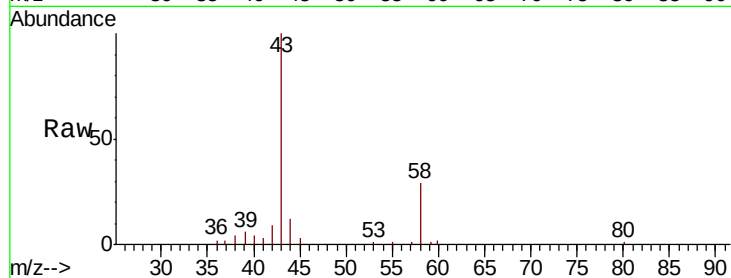
ClientSampleId :

Tot Ion: 43 Resp: 56210

Ion Ratio Lower Upper

43 100

58 29.4 29.9 44.9#



#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054897.D

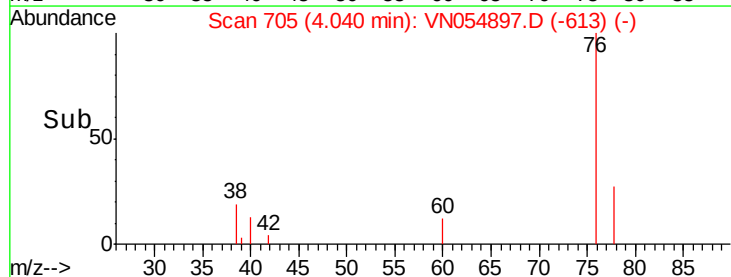
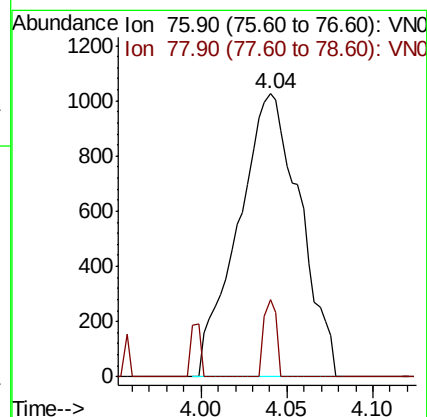
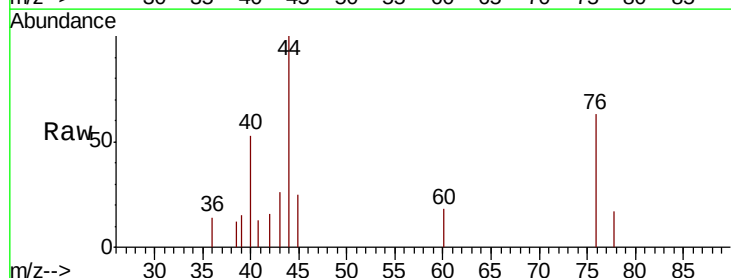
Acq: 2 Apr 2019 13:12

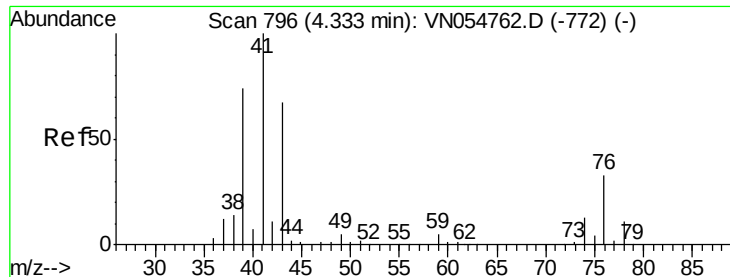
Tgt Ion: 76 Resp: 2567

Ion Ratio Lower Upper

76 100

78 27.1 7.5 11.3#

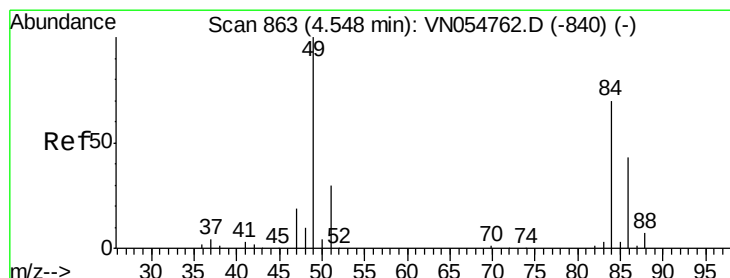
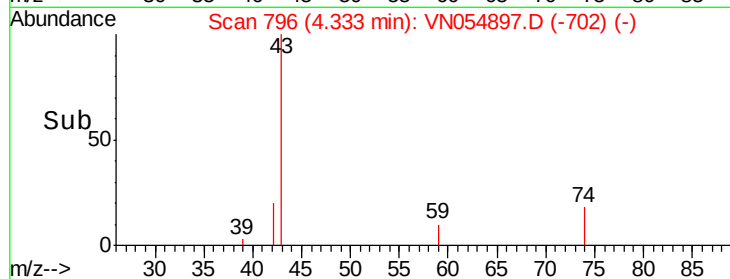
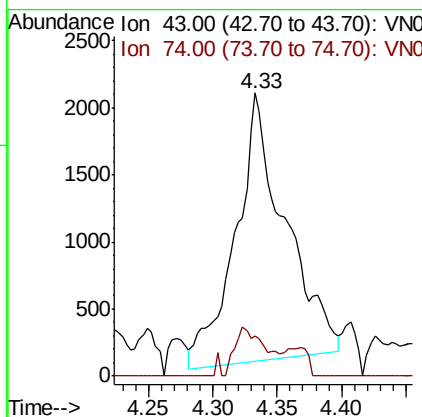
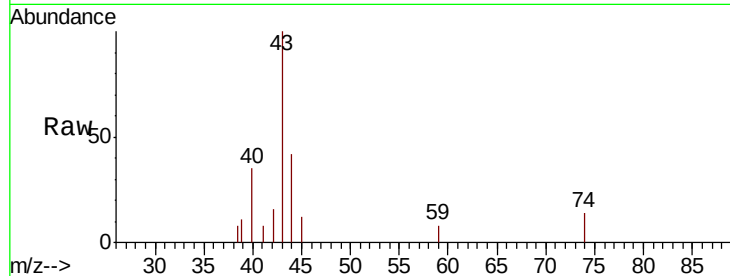




#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

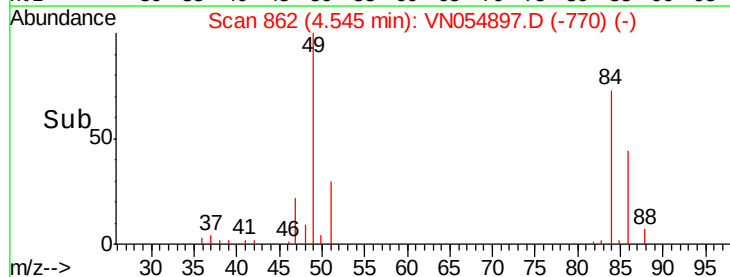
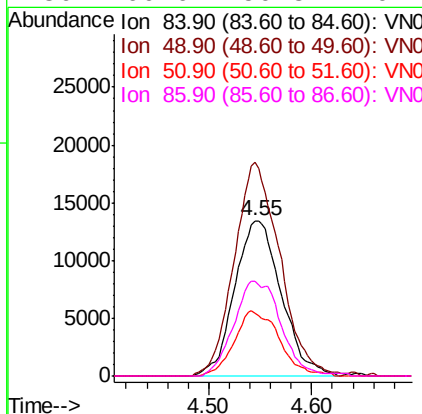
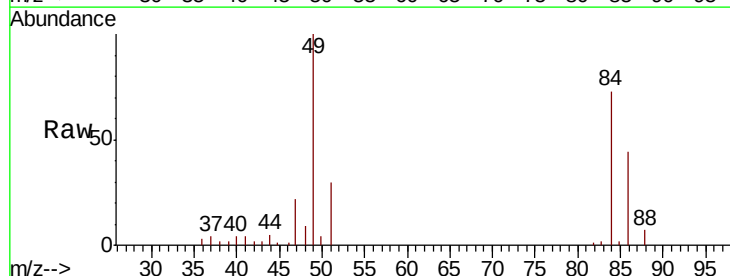
Instrument :
MSVOA_N
ClientSampleId :

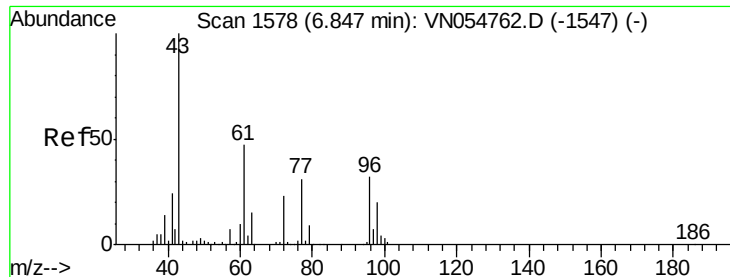
Tot Ion: 43 Resp: 5321
Ion Ratio Lower Upper
43 100
74 11.4 20.8 31.2#



#20
Methylene Chloride
Concen: 7.707 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion: 84 Resp: 42229
Ion Ratio Lower Upper
84 100
49 137.4 89.7 134.5#
51 40.6 28.2 42.4
86 60.6 50.8 76.2

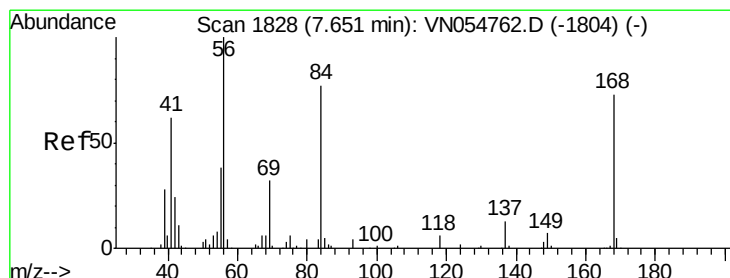
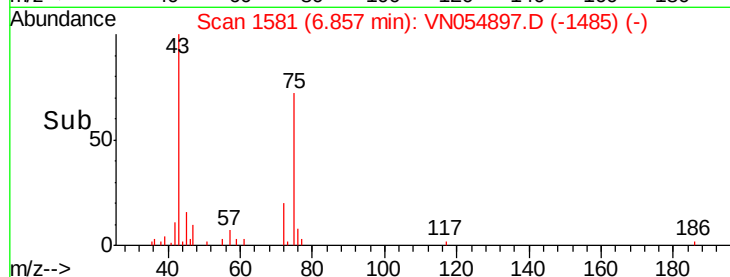
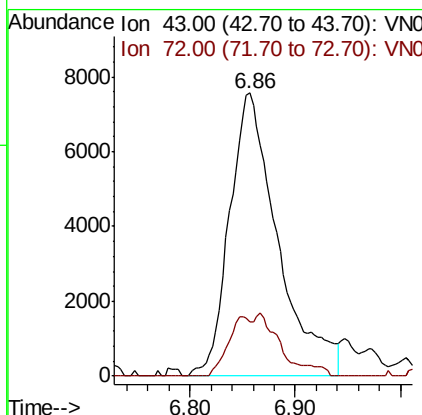
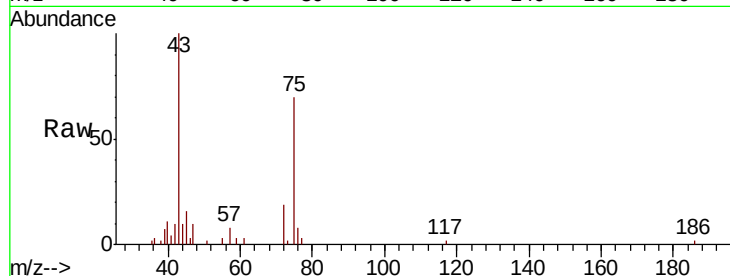




#25
2-Butanone
Concen: 10.510 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

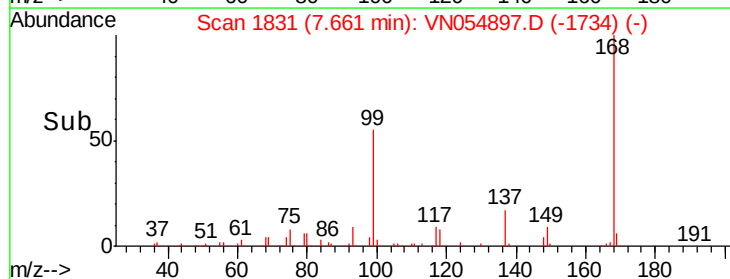
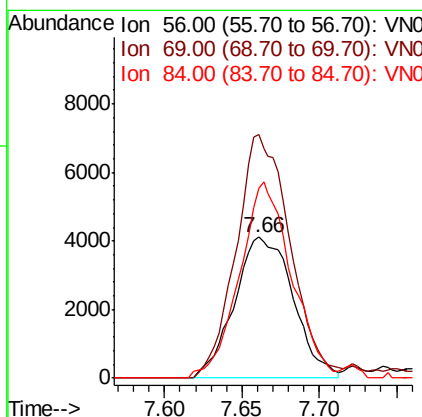
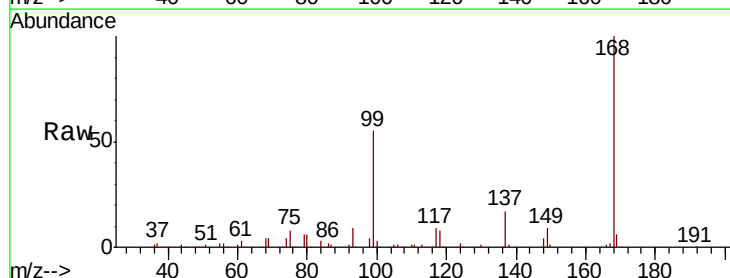
Instrument :
MSVOA_N
ClientSampleId :

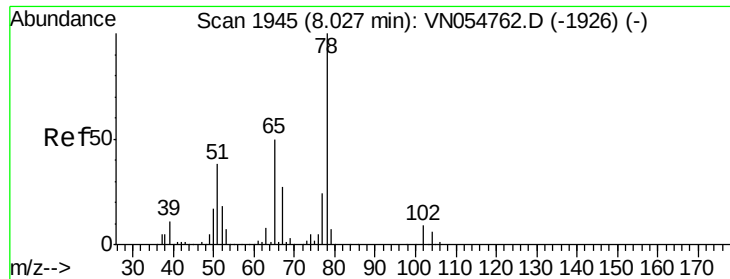
Tot Ion: 43 Resp: 24132
Ion Ratio Lower Upper
43 100
72 19.3 23.0 34.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion: 56 Resp: 10856
Ion Ratio Lower Upper
56 100
69 172.5 27.8 41.6#
84 134.6 74.6 111.8#

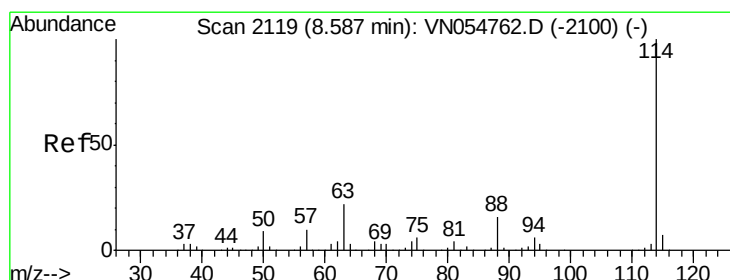
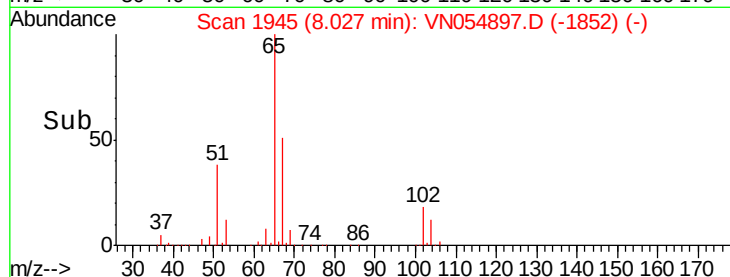
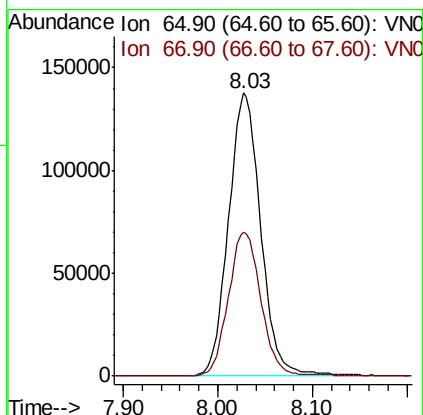
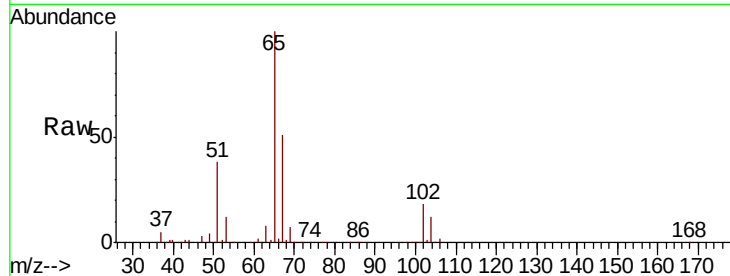




#33
 1,2-Dichloroethane-d4
 Concen: 49.965 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

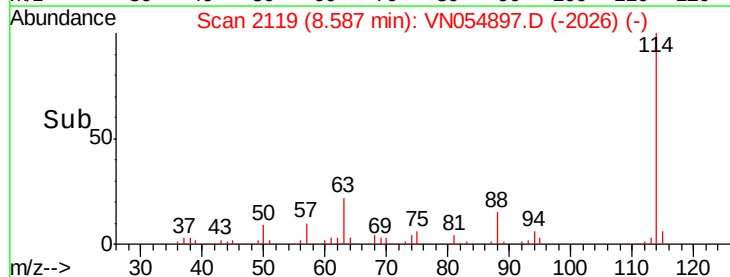
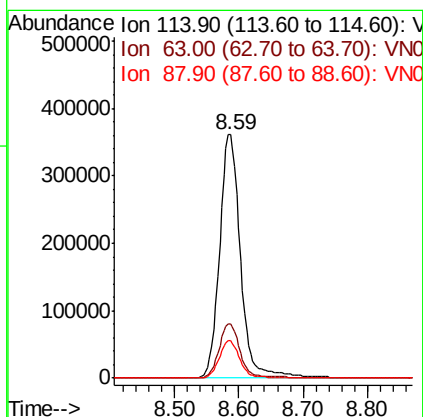
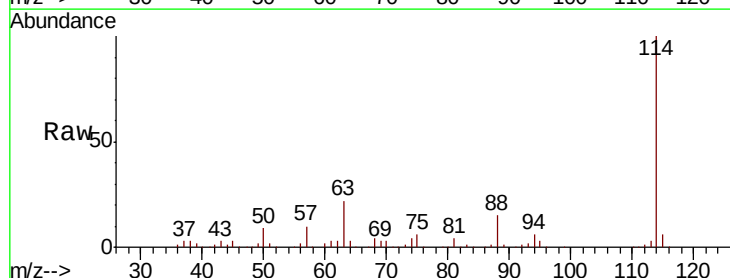
Instrument :
 MSVOA_N
 ClientSampleId :

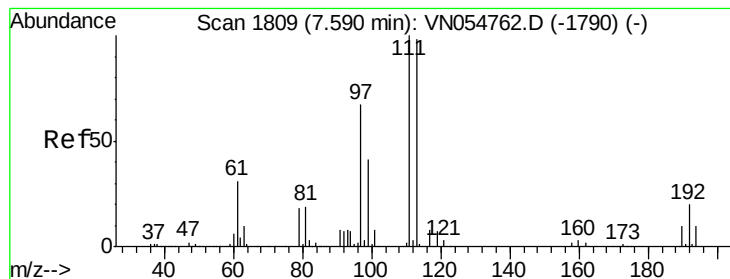
Tot Ion: 65 Resp: 325465
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

Tgt Ion: 114 Resp: 814972
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.906 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

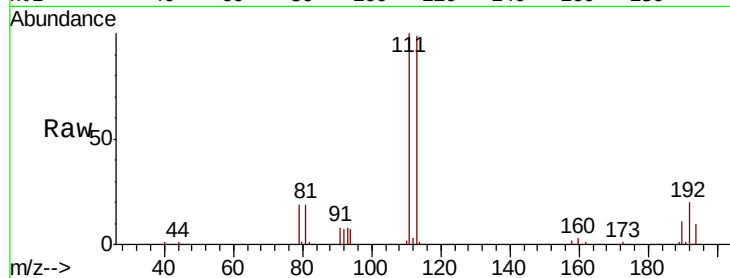
Tot Ion:113 Resp: 260290

Ion Ratio Lower Upper

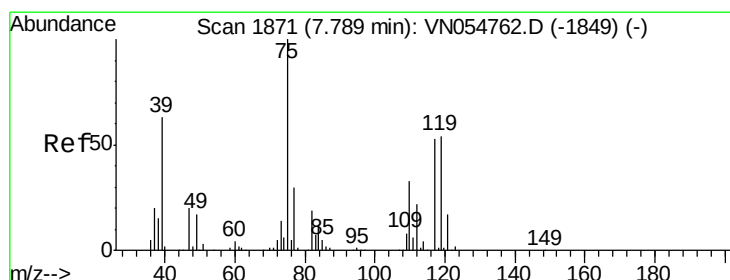
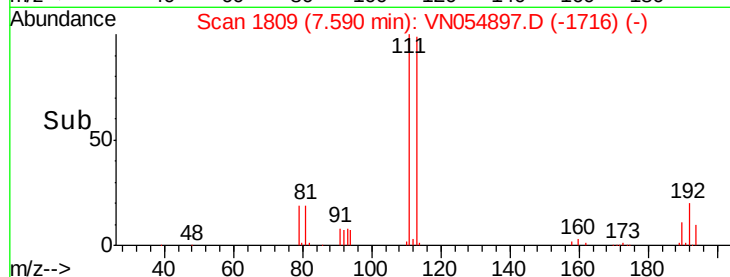
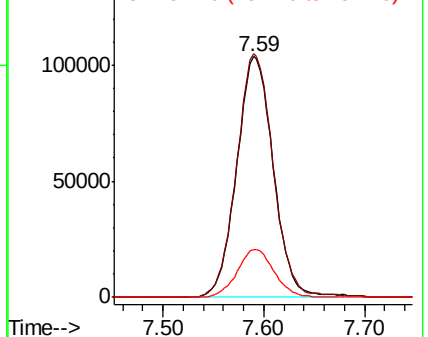
113 100

111 101.9 82.2 123.4

192 20.2 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: 4.836 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

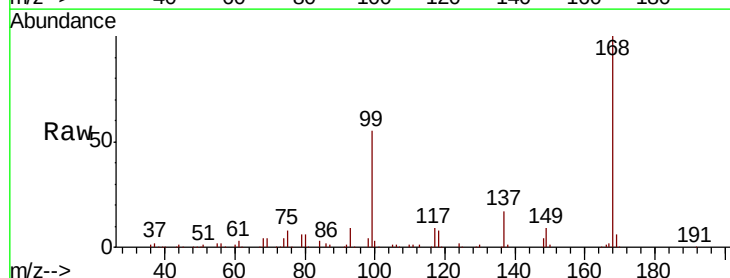
Tgt Ion: 75 Resp: 36722

Ion Ratio Lower Upper

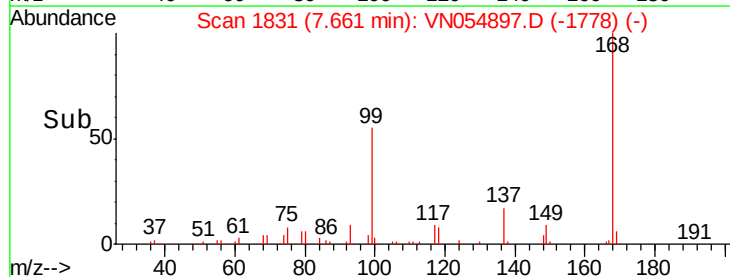
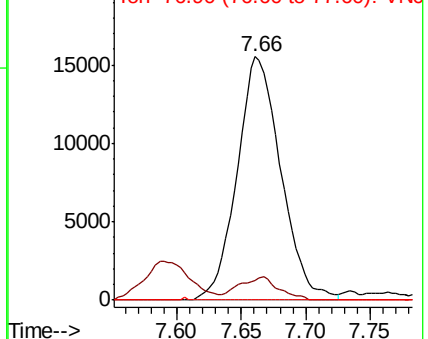
75 100

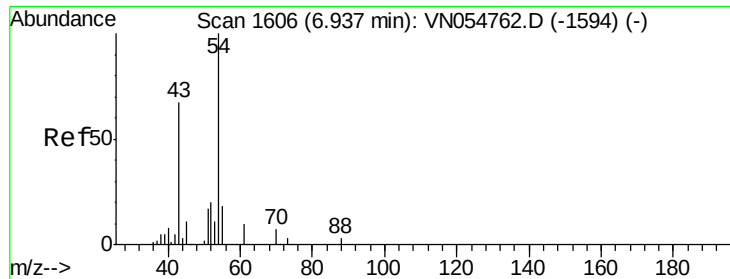
110 8.6 19.1 57.5#

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

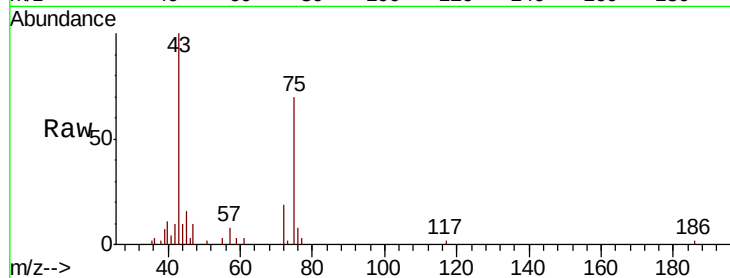




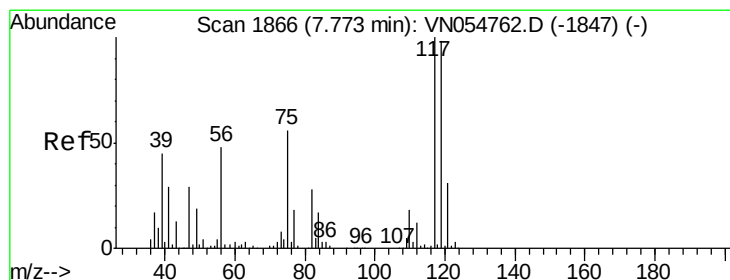
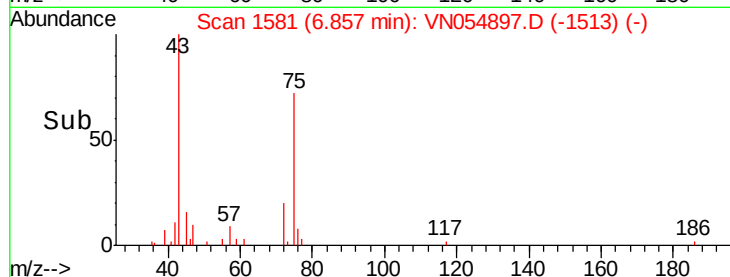
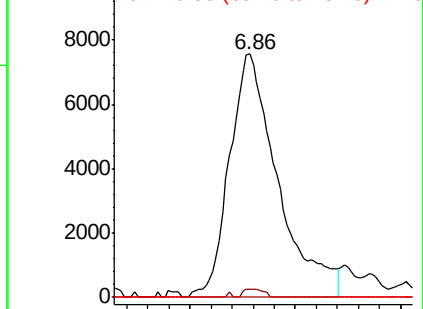
#37
Ethyl Acetate
Concen: 4.333 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. -0.08 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 24132
Ion Ratio Lower Upper
43 100
61 1.4 11.8 17.6#
70 0.0 8.4 12.6#

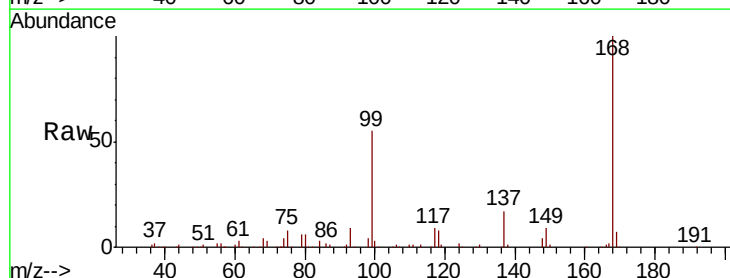


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

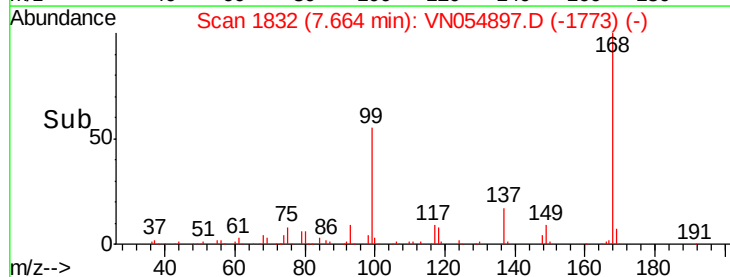
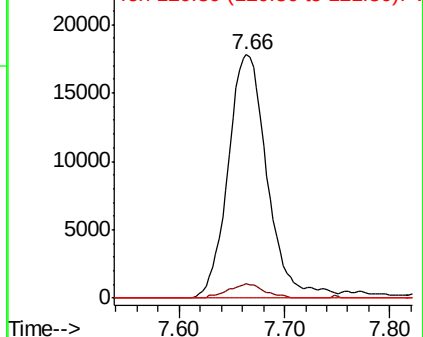


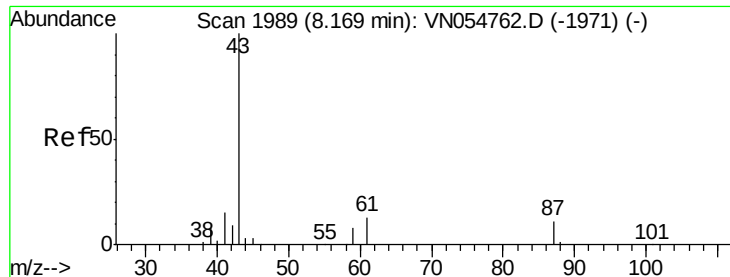
#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion: 117 Resp: 45826
Ion Ratio Lower Upper
117 100
119 5.7 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: 1.270 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

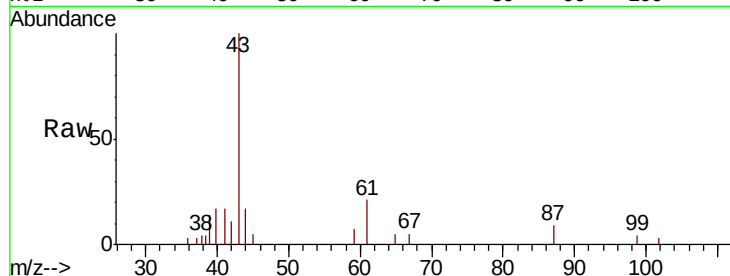
Tot Ion: 43 Resp: 11491

Ion Ratio Lower Upper

43 100

61 22.9 15.8 23.8

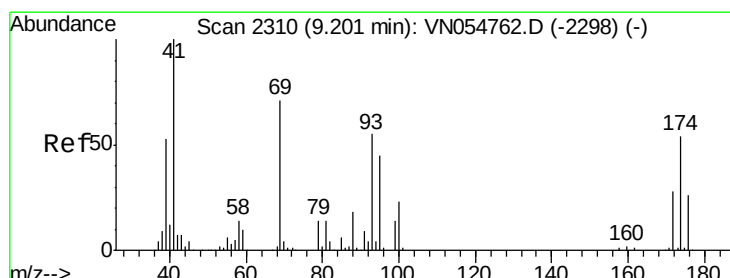
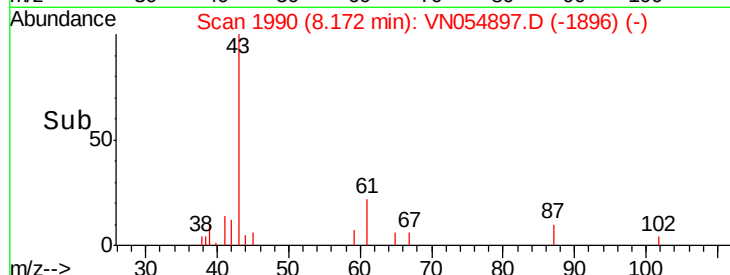
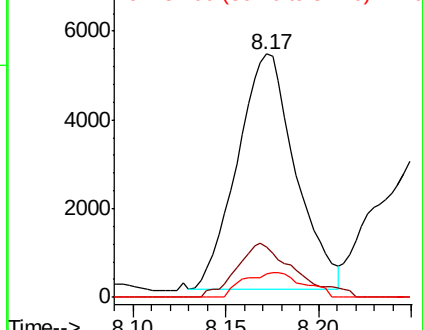
87 10.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.775 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

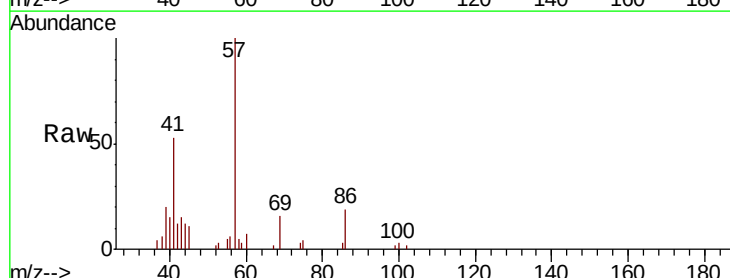
Tgt Ion: 41 Resp: 8707

Ion Ratio Lower Upper

41 100

69 32.6 72.6 108.8#

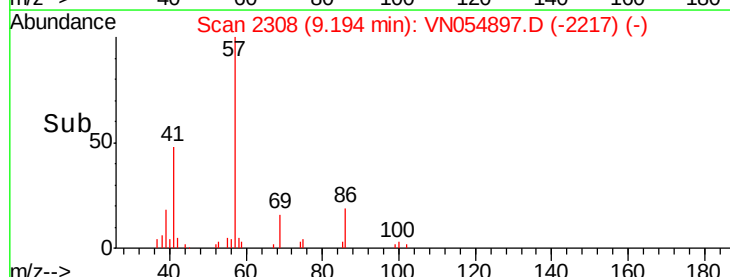
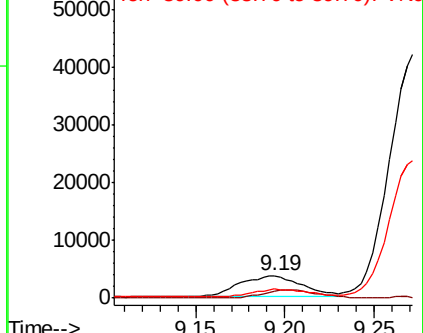
39 30.1 47.5 71.3#

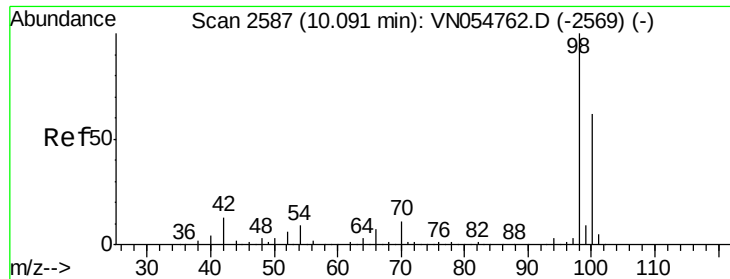


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.448 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

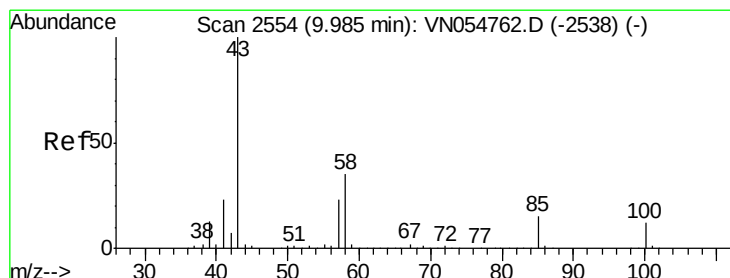
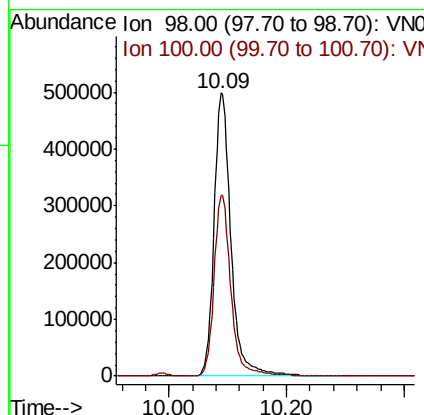
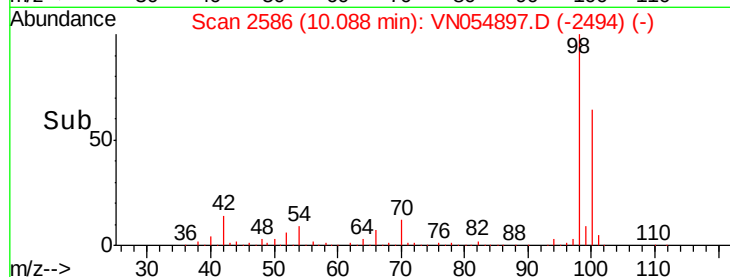
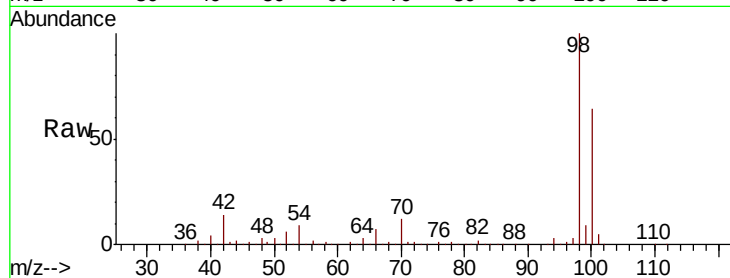
ClientSampled :

Tot Ion: 98 Resp: 998842

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 17.738 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054897.D

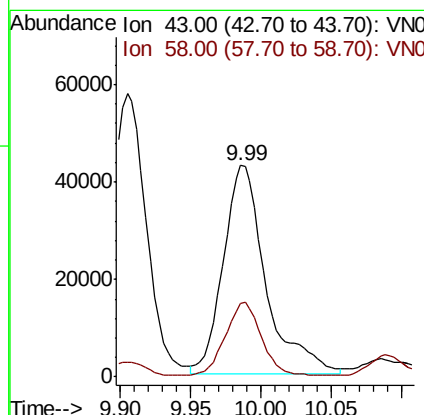
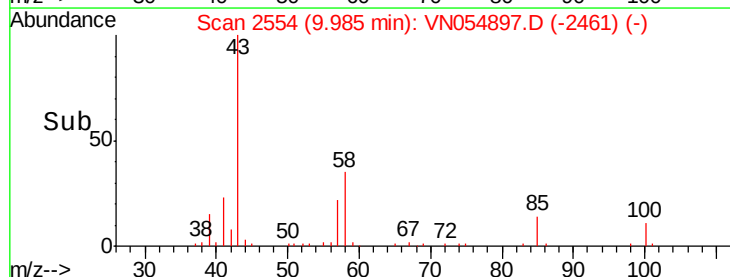
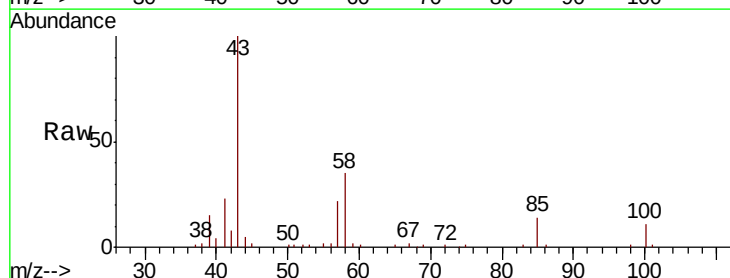
Acq: 2 Apr 2019 13:12

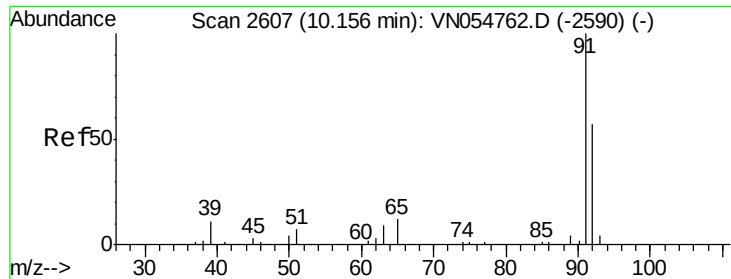
Tgt Ion: 43 Resp: 90237

Ion Ratio Lower Upper

43 100

58 31.7 31.8 47.6#





#52

Toluene

Concen: 0.401 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

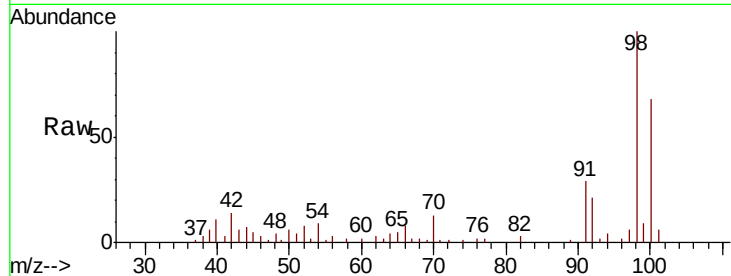
ClientSampled :

Tot Ion: 92 Resp: 5191

Ion Ratio Lower Upper

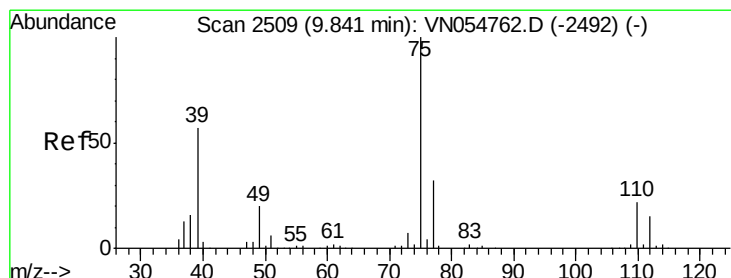
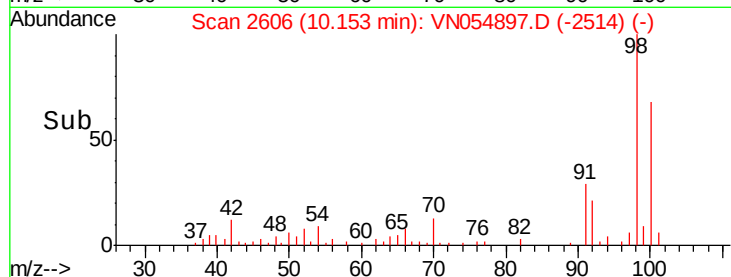
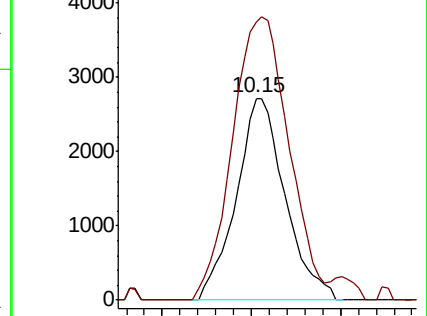
92 100

91 161.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.924 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

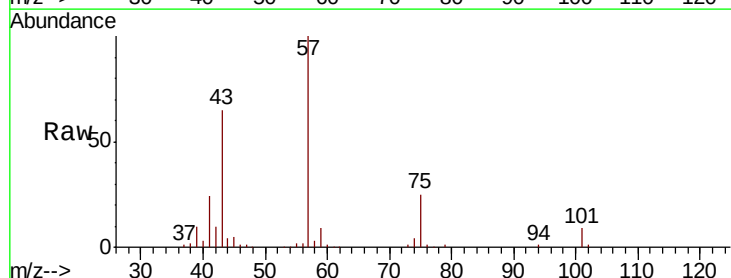
Tgt Ion: 75 Resp: 40080

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

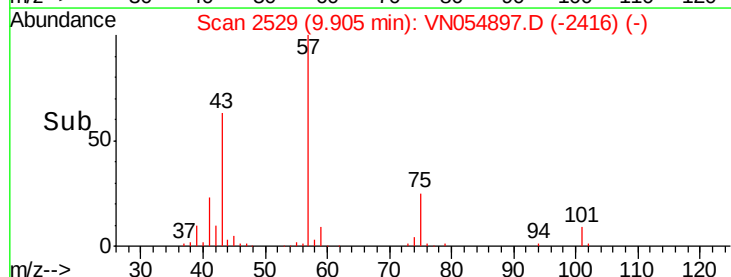
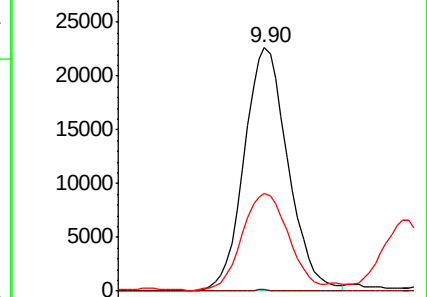
39 40.3 37.2 55.8

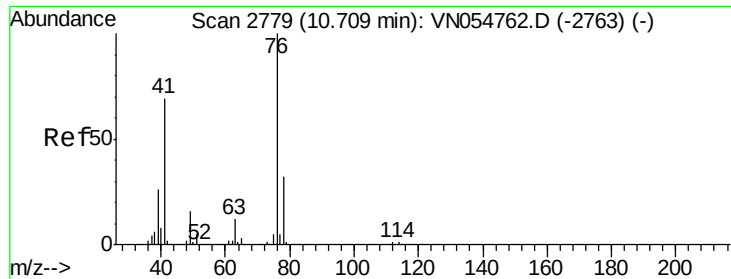


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

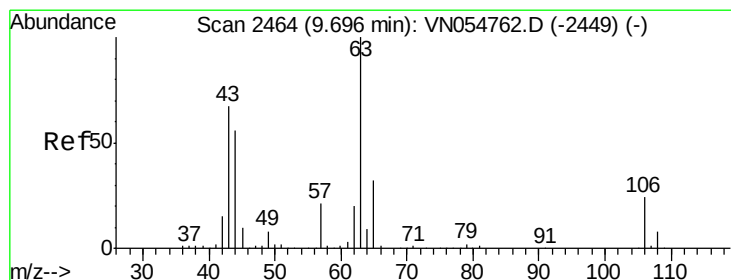
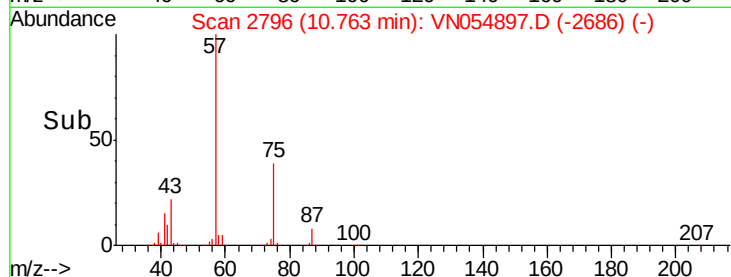
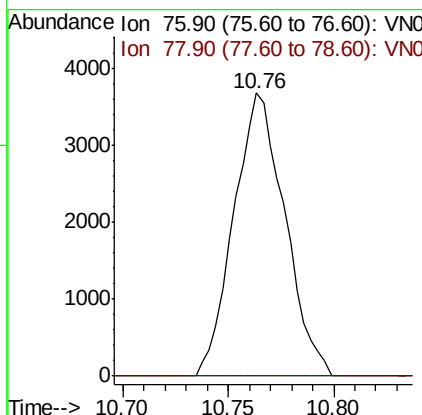
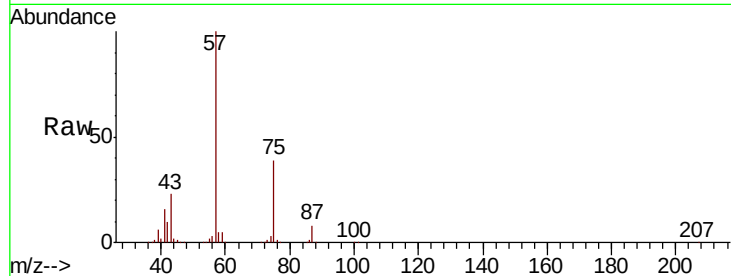




#57
 1,3-Dichloropropane
 Concen: 0.747 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

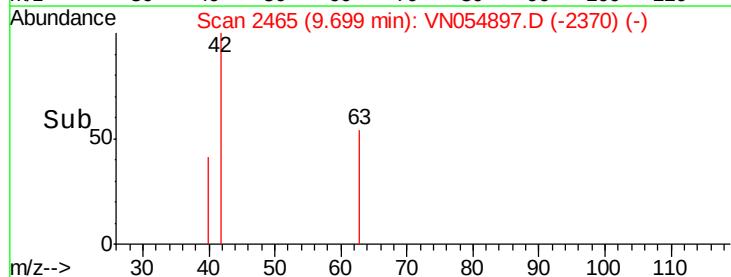
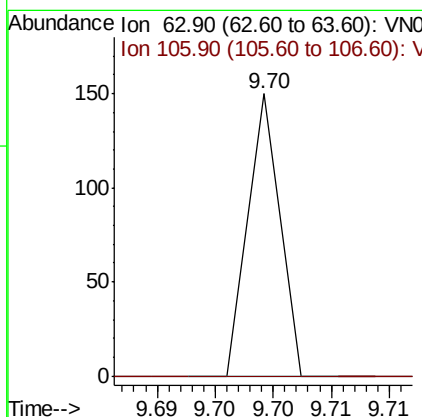
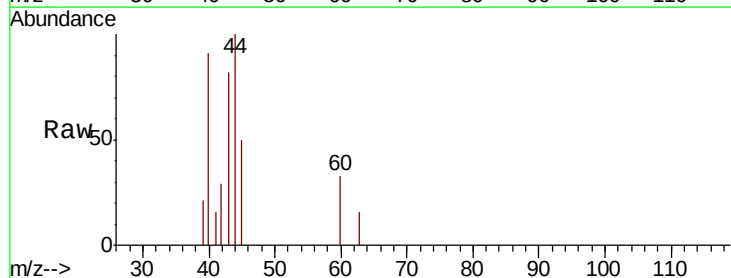
Instrument :
 MSVOA_N
 ClientSampled :

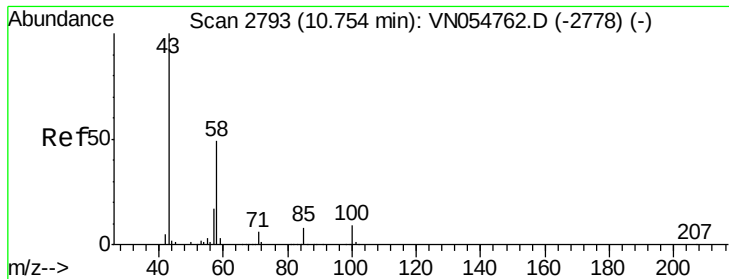
Tot Ion: 76 Resp: 6171
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.365 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#

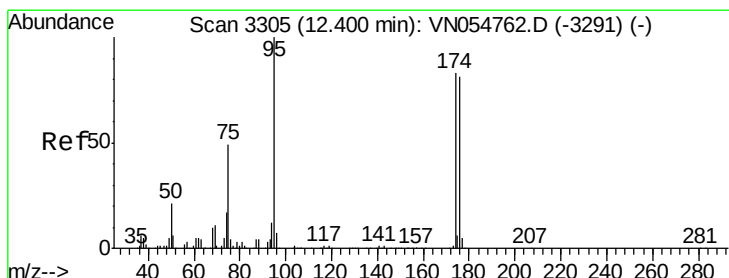
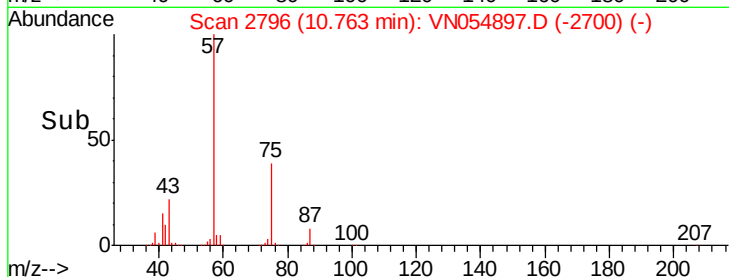
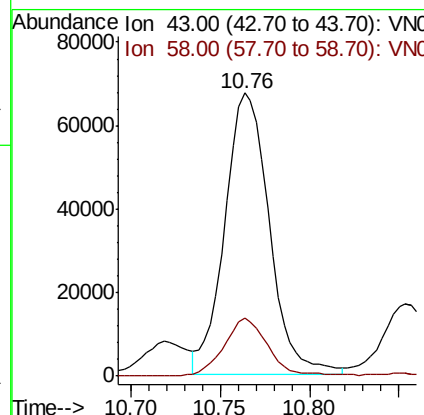
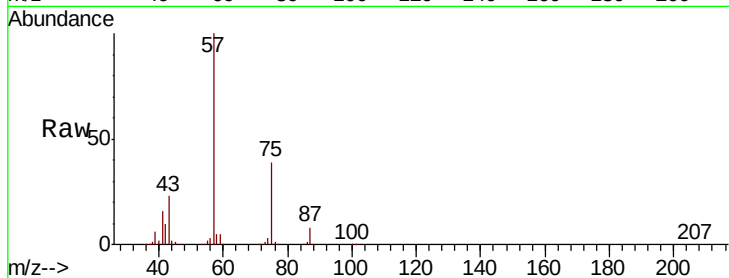




#59
2-Hexanone
Concen: 35.959 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

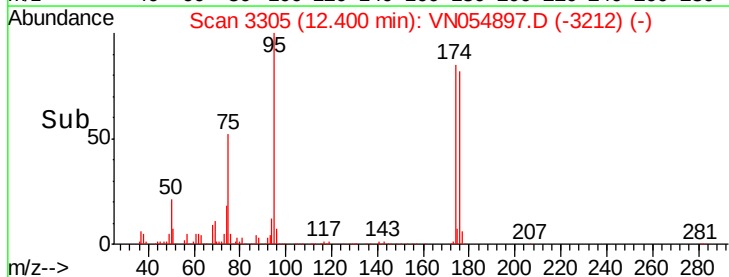
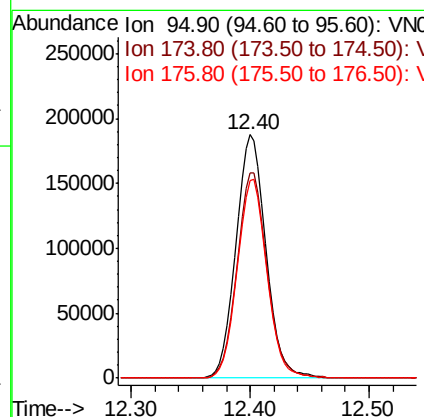
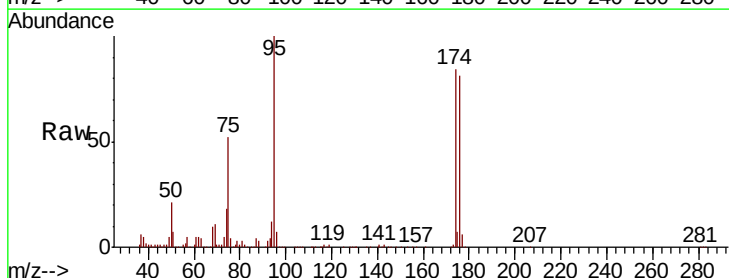
Instrument :
MSVOA_N
ClientSampled :

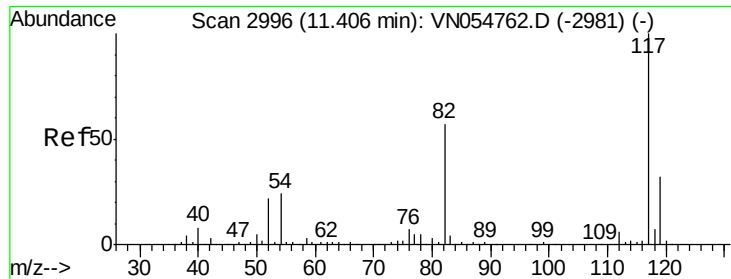
Tot Ion: 43 Resp: 117107
Ion Ratio Lower Upper
43 100
58 20.4 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 48.747 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion: 95 Resp: 327484
Ion Ratio Lower Upper
95 100
174 84.2 0.0 191.0
176 80.9 0.0 187.4

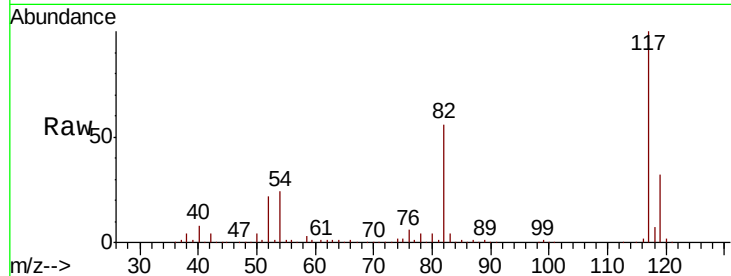




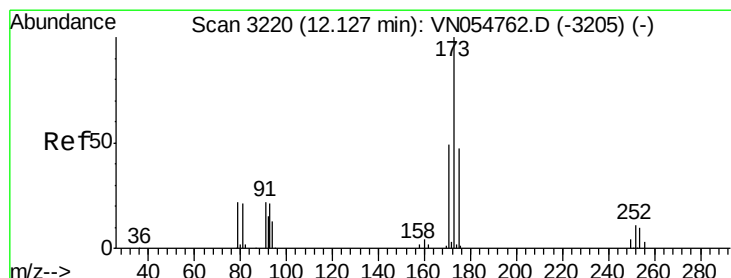
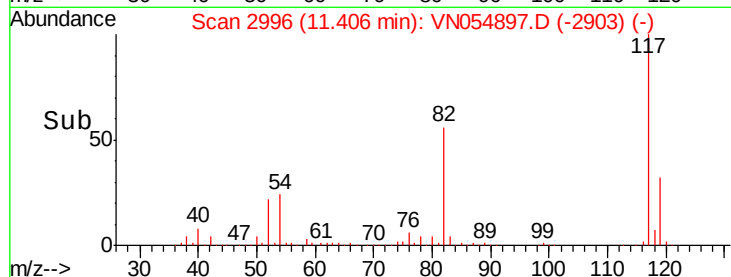
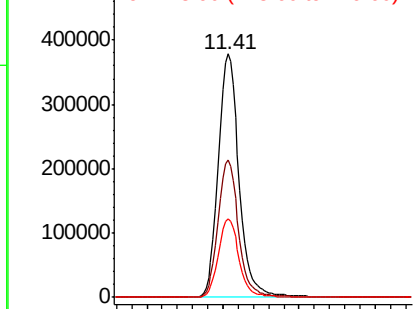
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 716081
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 32.4 25.8 38.6

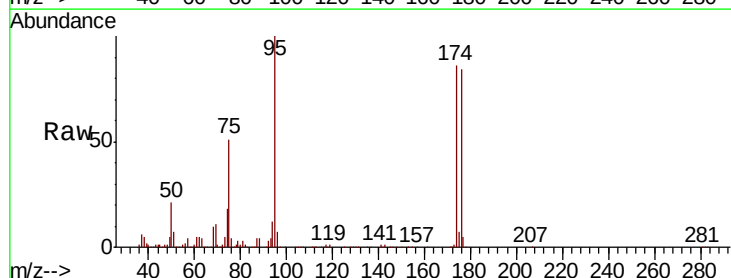


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

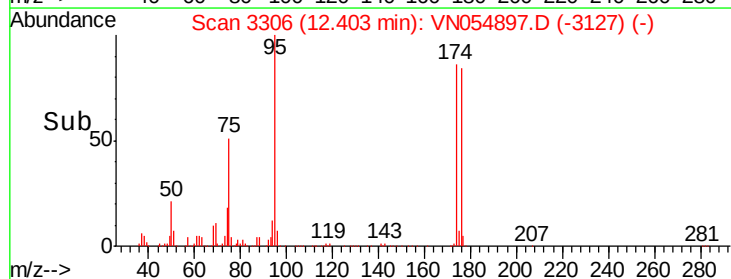
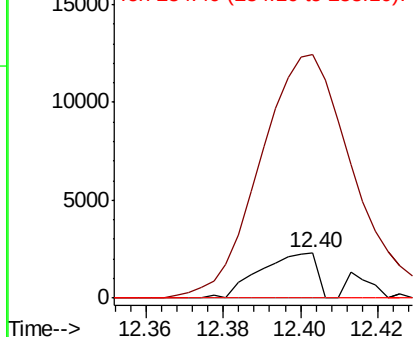


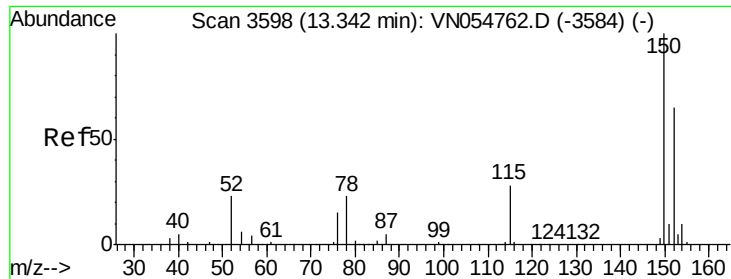
#71
Bromoform
Concen: 0.762 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion:173 Resp: 2343
Ion Ratio Lower Upper
173 100
175 763.0 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: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

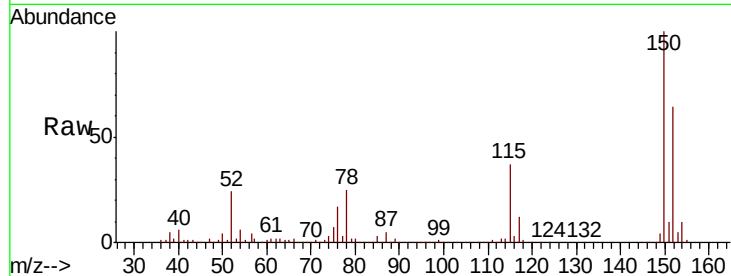
Tot Ion:152 Resp: 301776

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

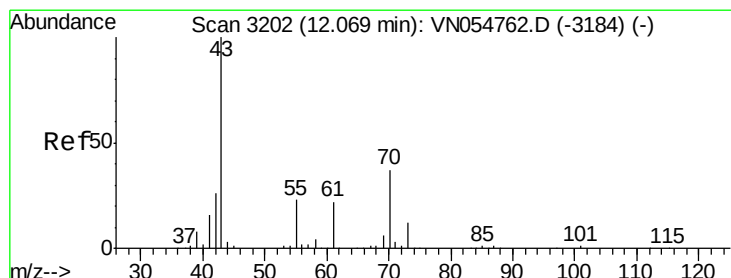
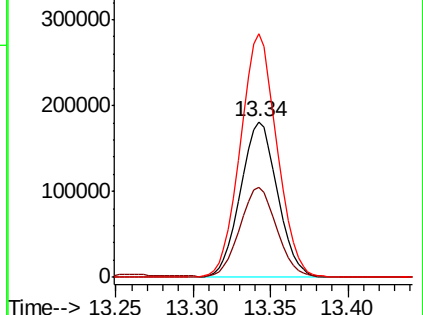
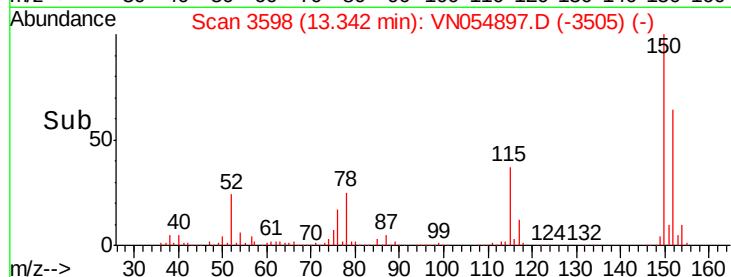
150 154.8 0.0 349.2



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: 0.635 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Tgt Ion: 43 Resp: 4877

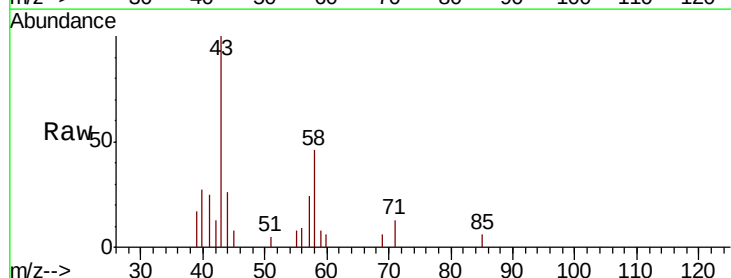
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.0#

55 0.0 19.8 29.6#

61 0.0 19.8 29.6#

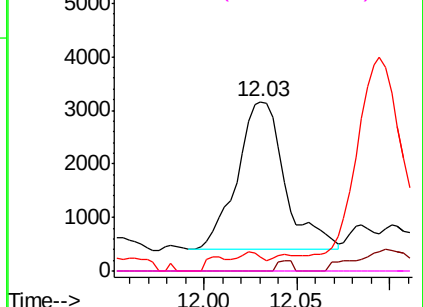
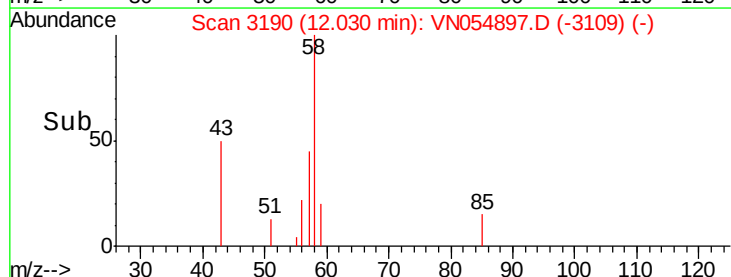


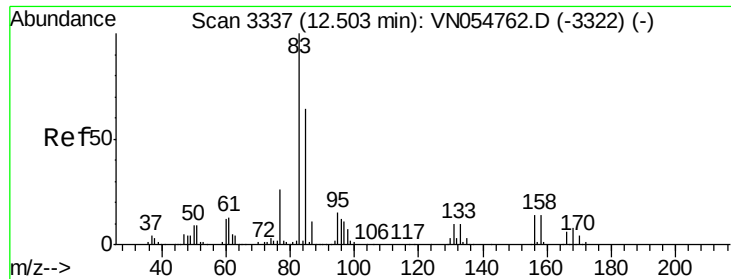
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3351

Delta R.T. 0.05 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

ClientSampled :

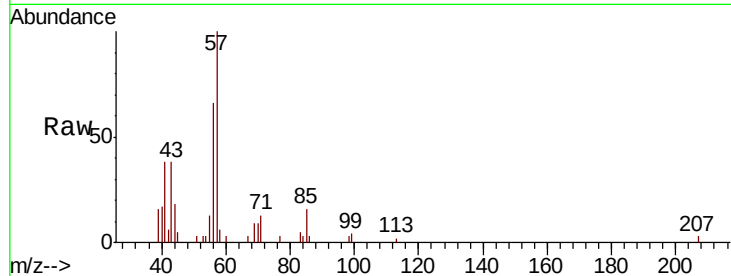
Tot Ion: 83 Resp: 337

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

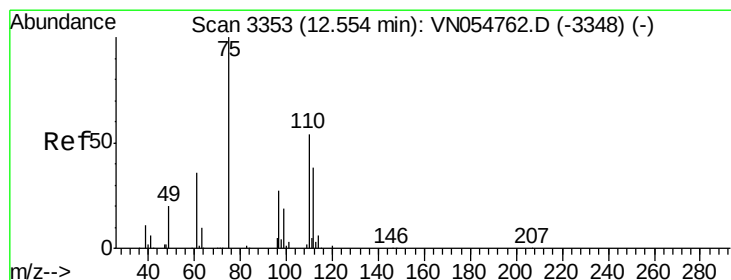
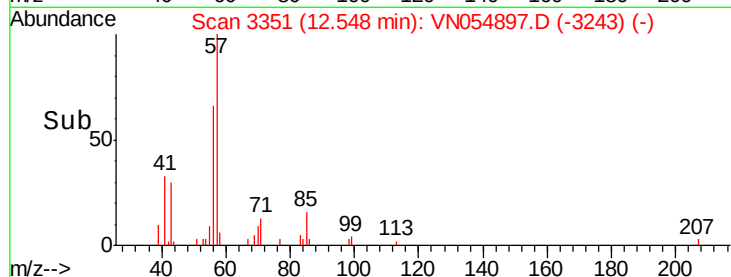
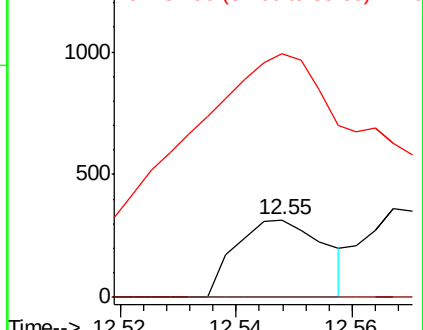
85 431.5 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054897.D

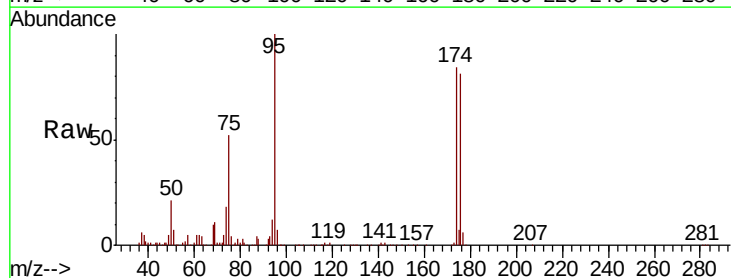
Acq: 2 Apr 2019 13:12

Tgt Ion: 75 Resp: 167844

Ion Ratio Lower Upper

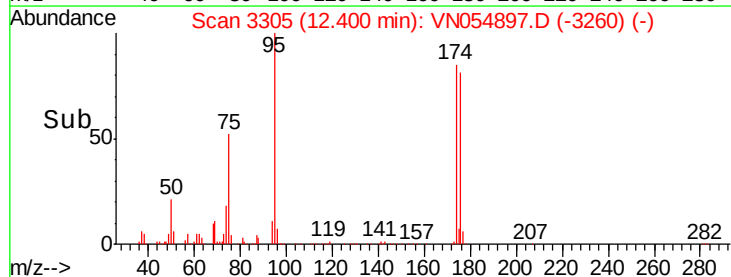
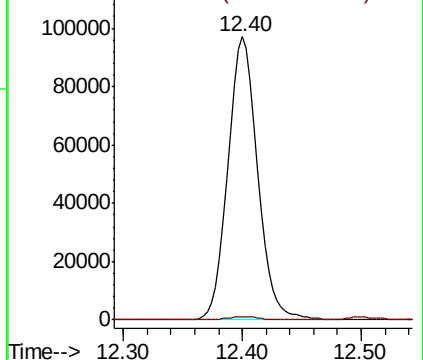
75 100

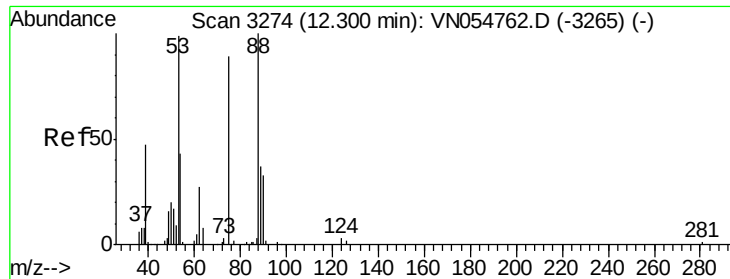
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

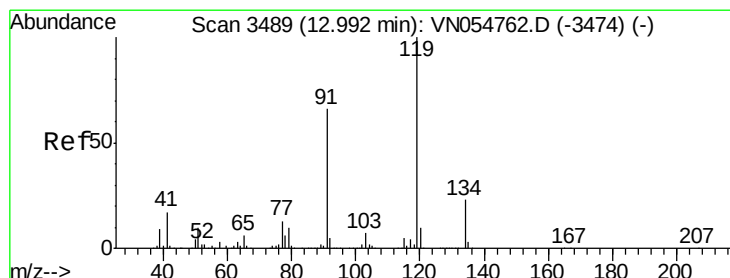
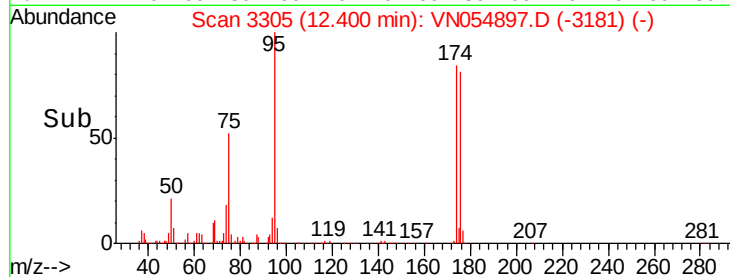
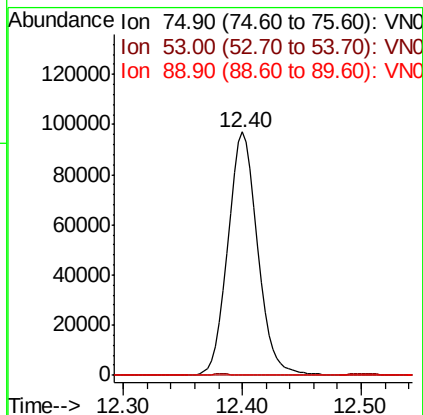
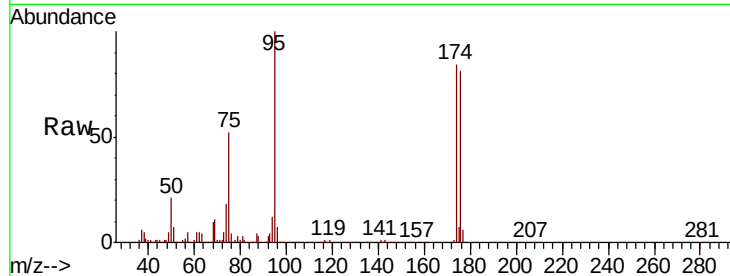




#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.533 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

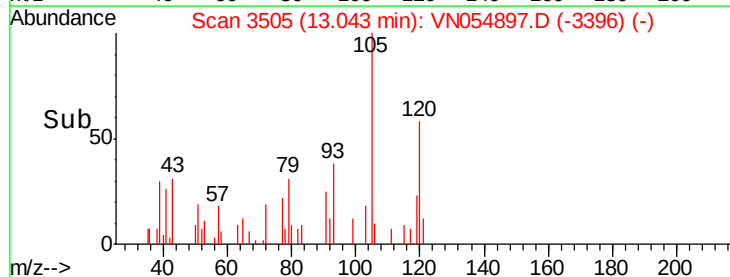
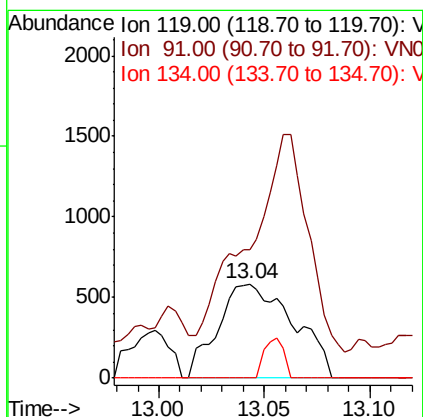
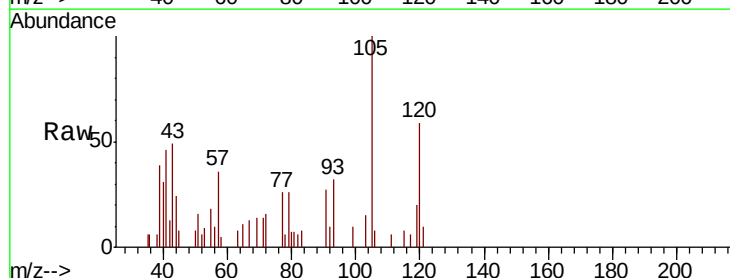
Instrument :
 MSVOA_N
 ClientSampleId :

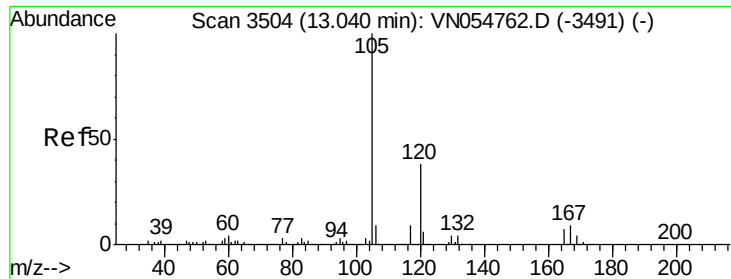
Tot Ion: 75 Resp: 167844
 Ion Ratio Lower Upper
 75 100
 53 0.5 76.2 114.2#
 89 0.1 39.2 58.8#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

Tgt Ion: 119 Resp: 1454
 Ion Ratio Lower Upper
 119 100
 91 183.0 30.9 92.8#
 134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.315 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

Instrument :

MSVOA_N

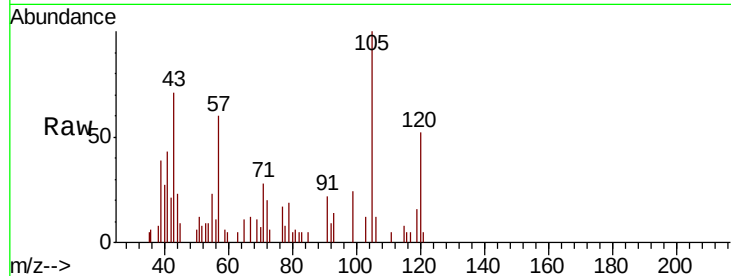
ClientSampleId :

Tot Ion:105 Resp: 6066

Ion Ratio Lower Upper

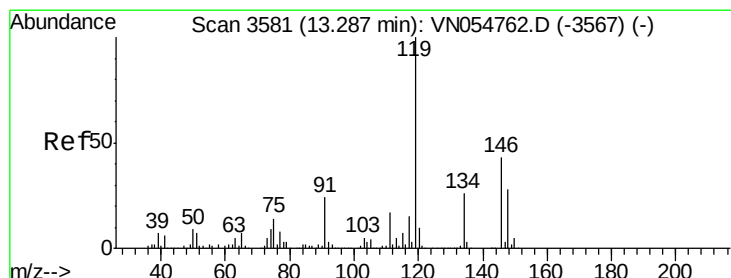
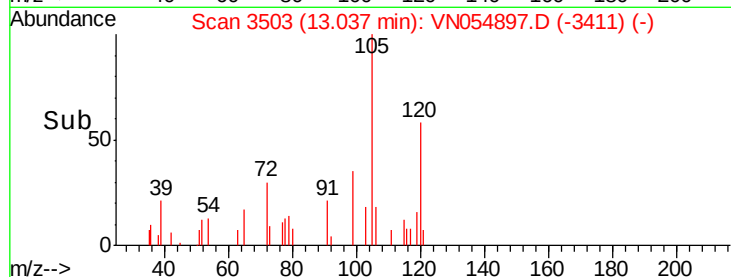
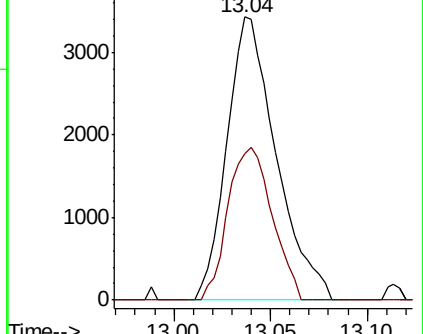
105 100

120 48.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 2.759 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054897.D

Acq: 2 Apr 2019 13:12

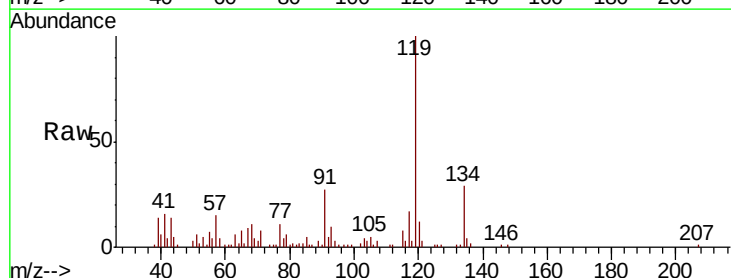
Tgt Ion:119 Resp: 53510

Ion Ratio Lower Upper

119 100

134 28.5 13.6 40.8

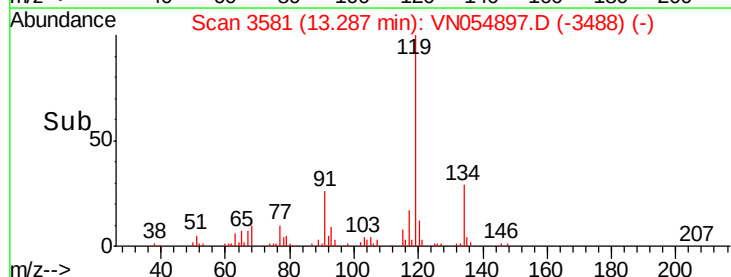
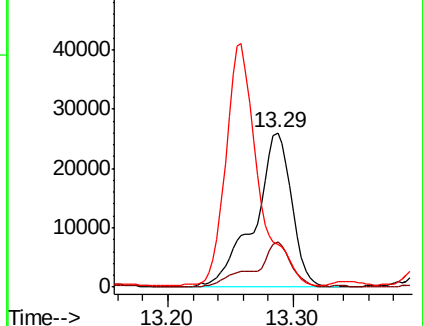
91 0.0 11.1 33.3#

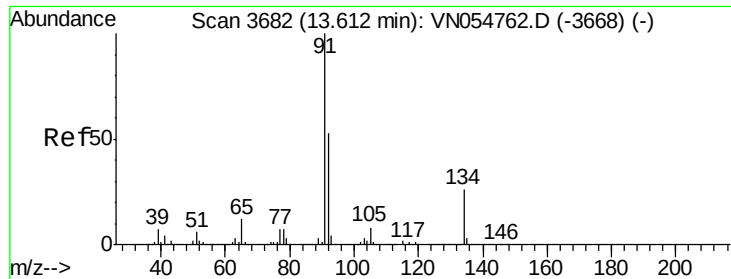


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

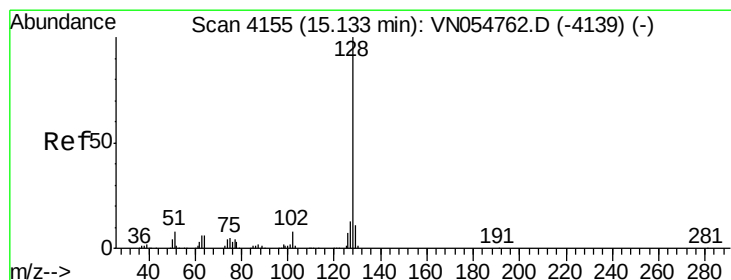
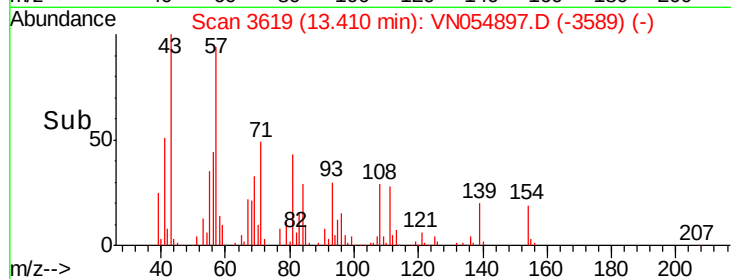
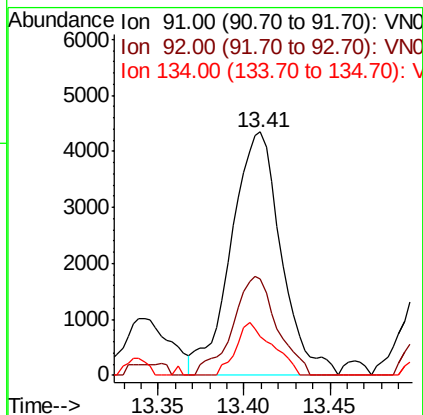
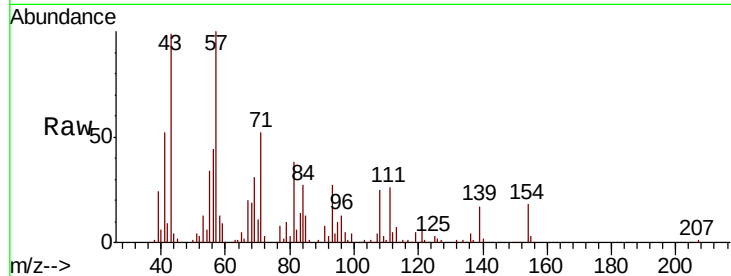




#89
n-Butylbenzene
Concen: 0.557 ug/l
RT: 13.41 min Scan# 3619
Delta R.T. -0.20 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

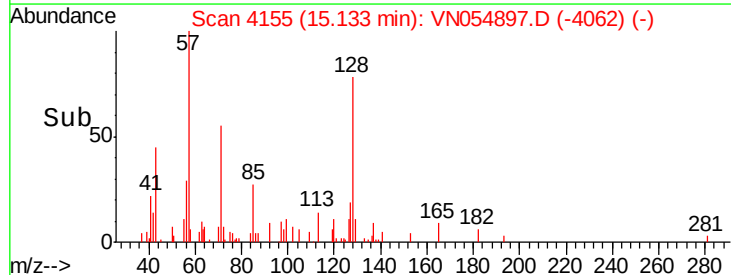
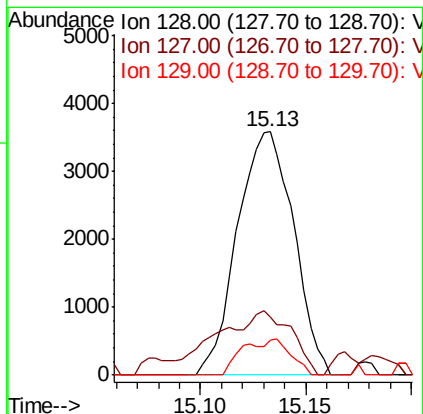
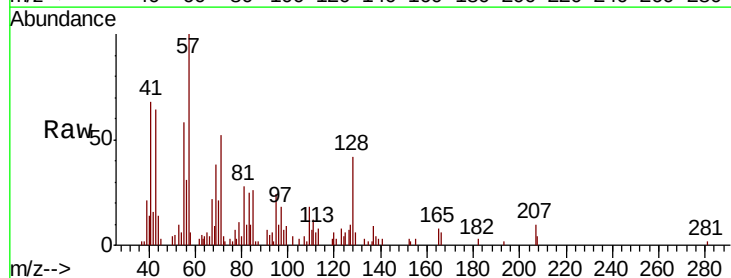
Instrument :
MSVOA_N
ClientSampleId :

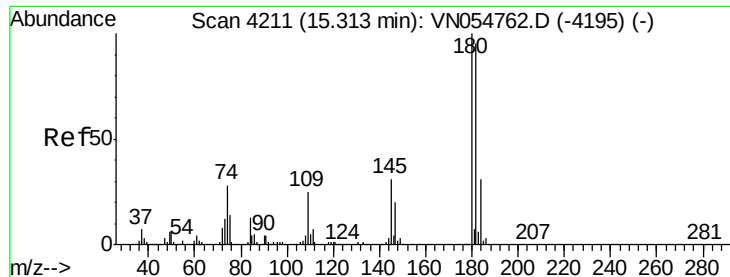
Tot Ion: 91 Resp: 8807
Ion Ratio Lower Upper
91 100
92 35.8 26.2 78.6
134 15.7 14.3 42.9



#95
Naphthalene
Concen: 0.611 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054897.D
Acq: 2 Apr 2019 13:12

Tgt Ion: 128 Resp: 6648
Ion Ratio Lower Upper
128 100
127 34.9 10.1 15.1#
129 12.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN054897.D
 Acq: 2 Apr 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	149.0	47.5	142.6#
145	15.1	14.8	44.3

