

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054427.D
 Acq On : 19 Mar 2019 7:19
 Operator : JC/SP
 Sample : K1970-01 10X
 Misc : 6.87g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-1-N.WALL

Quant Time: Mar 19 07:55:07 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	7.66	168	1996169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2792998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2349631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1069533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	861867	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
35) Dibromofluoromethane	7.59	113	821376	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	10.09	98	3208256	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	1026019	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	

Target Compounds

						Qvalue
10) Methyl Iodide	3.94	142	334	1.508	ug/l #	1
13) Acrolein	3.61	56	298	0.216	ug/l #	69
16) Acetone	3.83	43	1236	0.204	ug/l #	49
20) Methylene Chloride	4.54	84	6027	0.302	ug/l	91
31) Cyclohexane	7.66	56	39001	Below Cal	#	6
36) 1,1-Dichloropropene	7.66	75	106981	4.159	ug/l #	48
38) Carbon Tetrachloride	7.66	117	153095	5.676	ug/l #	16
39) Methylcyclohexane	9.08	83	95617	3.021	ug/l	99
48) Methyl methacrylate	9.14	41	4734	0.360	ug/l #	43
51) 4-Methyl-2-Pentanone	10.08	43	17578	1.280	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	400	1.999	ug/l #	38
55) 1,1,2-Trichloroethane	10.53	97	48797	2.864	ug/l #	21
56) Ethyl methacrylate	10.43	69	17038	0.839	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.71	63	61	16.834	ug/l #	44
59) 2-Hexanone	10.72	43	66677	7.299	ug/l #	29
67) Ethyl Benzene	11.51	91	70180	0.821	ug/l	100
68) m/p-Xylenes	11.63	106	20772	0.621	ug/l	98
71) Bromoform	12.12	173	222	2.365	ug/l #	28
73) Isopropylbenzene	12.25	105	212660	2.485	ug/l	98
74) N-amyl acetate	12.04	43	97416	5.129	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.45	83	11475	0.629	ug/l #	62
76) 1,2,3-Trichloropropane	12.40	75	467231	29.707	ug/l #	100
77) Bromobenzene	12.55	156	152198	6.722	ug/l #	1
78) n-propylbenzene	12.59	91	562497	6.058	ug/l	99
79) 2-Chlorotoluene	12.69	91	50524	0.905	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.69	105	443632	6.233	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	467231	101.552	ug/l #	11
82) 4-Chlorotoluene	12.69	91	50524	0.906	ug/l #	42
83) tert-Butylbenzene	12.99	119	16829	0.257	ug/l	85
84) 1,2,4-Trimethylbenzene	13.04	105	1746151	25.007	ug/l	100
85) sec-Butylbenzene	13.17	105	645124	7.593	ug/l	89
86) p-Isopropyltoluene	13.29	119	301251	4.042	ug/l	98
89) n-Butylbenzene	13.61	91	486236	8.586	ug/l #	63
90) Hexachloroethane	13.89	117	164152	13.300	ug/l #	2

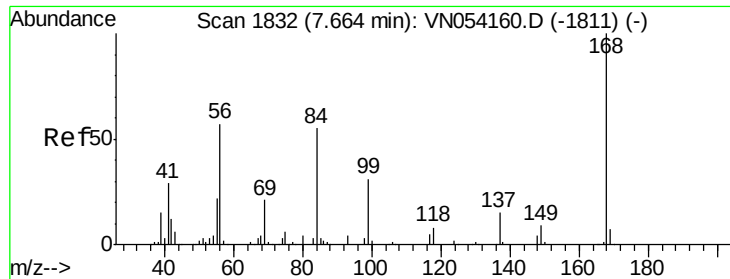
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054427.D
Acq On : 19 Mar 2019 7:19
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.29	75	3074	1.090	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	10300	2.951	ug/l #	1
94) Hexachlorobutadiene	15.01	225	2995	0.211	ug/l	87
95) Naphthalene	15.13	128	410318	11.610	ug/l #	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

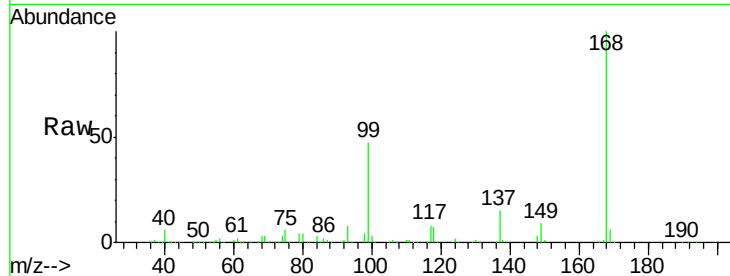
P-1-N.WALL

Tot Ion:168 Resp: 1996169

Ion Ratio Lower Upper

168 100

99 46.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

800000

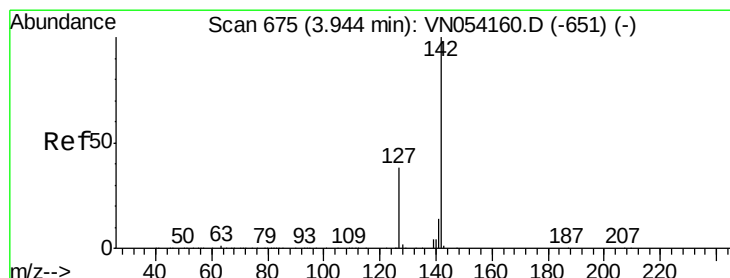
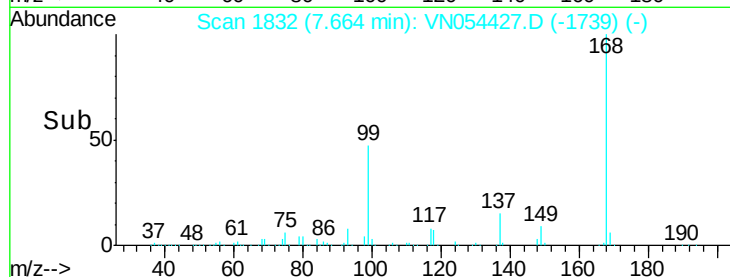
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.508 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

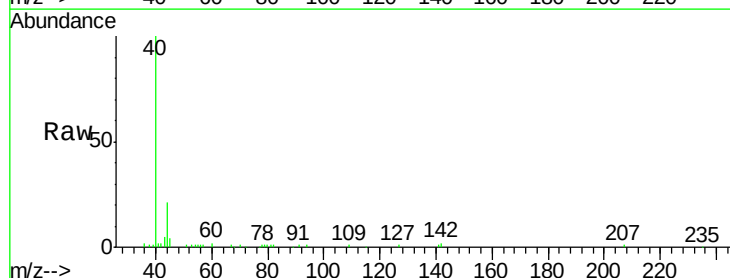
Tgt Ion:142 Resp: 334

Ion Ratio Lower Upper

142 100

127 100.0 30.3 45.5#

141 61.7 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

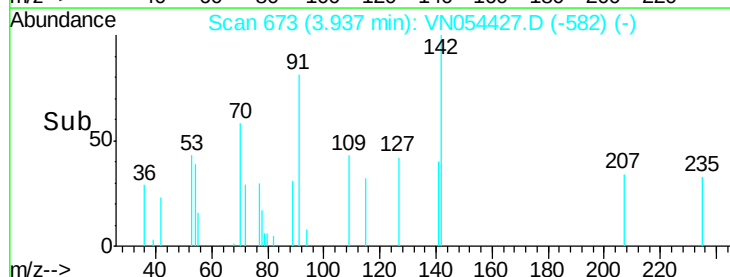
600

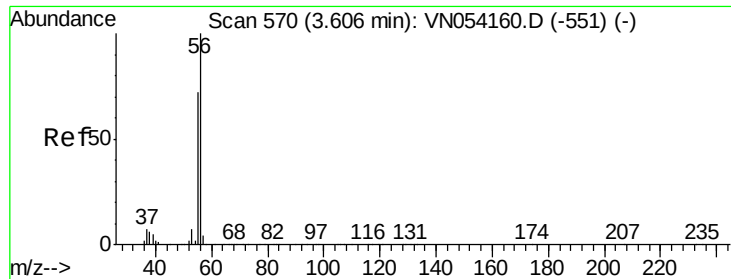
400

200

0

Time-->





#13

Acrolein

Concen: 0.216 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

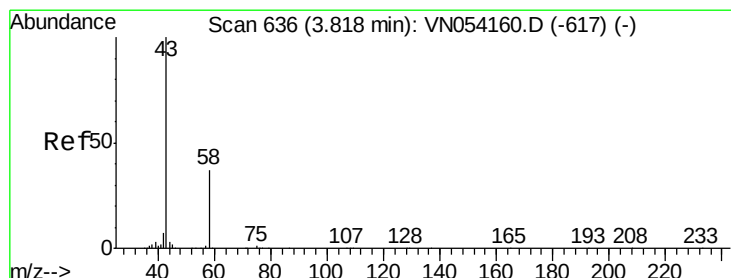
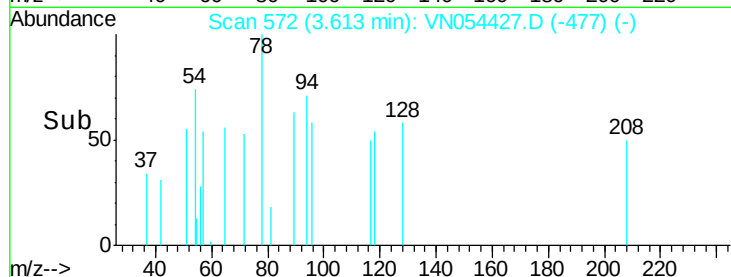
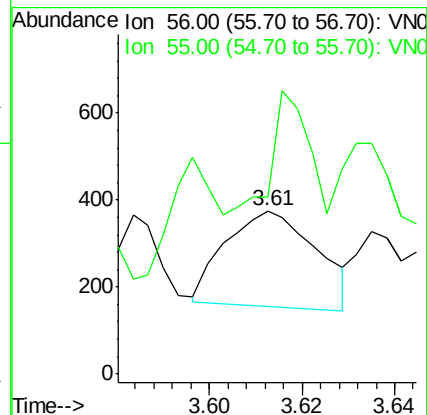
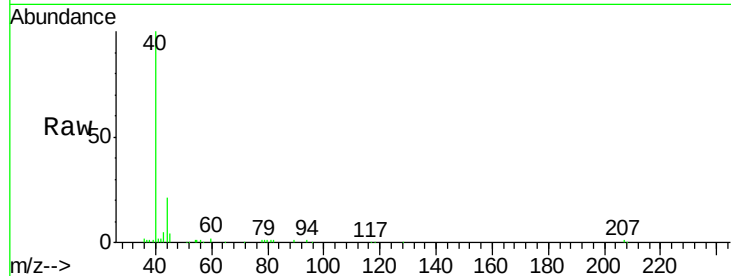
P-1-N.WALL

Tot Ion: 56 Resp: 298

Ion Ratio Lower Upper

56 100

55 96.6 56.7 85.1#



#16

Acetone

Concen: 0.204 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054427.D

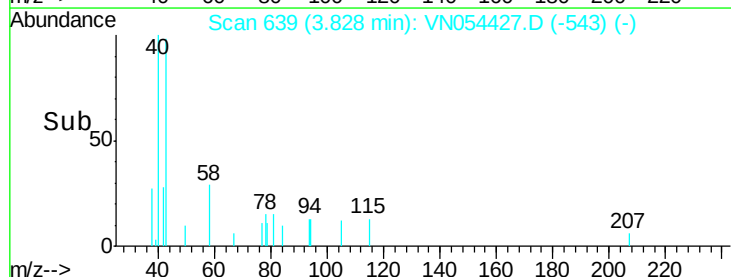
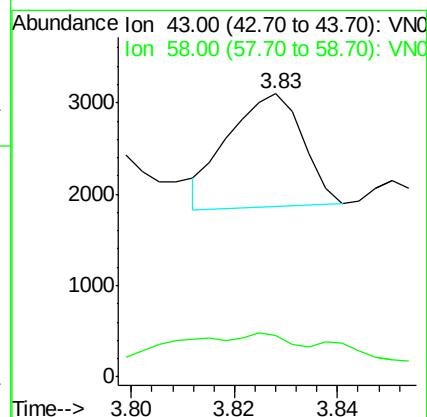
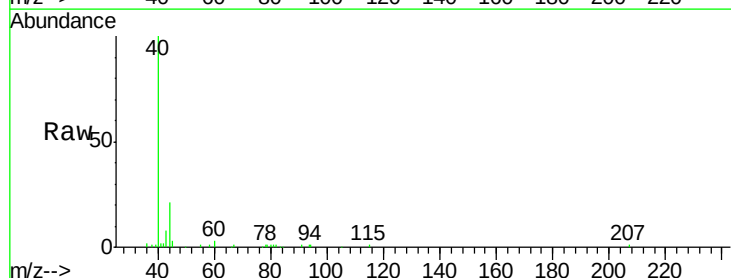
Acq: 19 Mar 2019 7:19

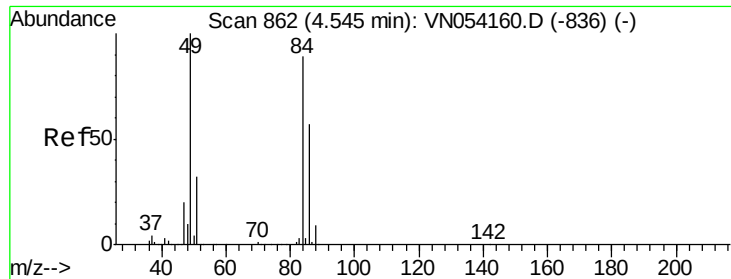
Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

58 7.1 29.9 44.9#

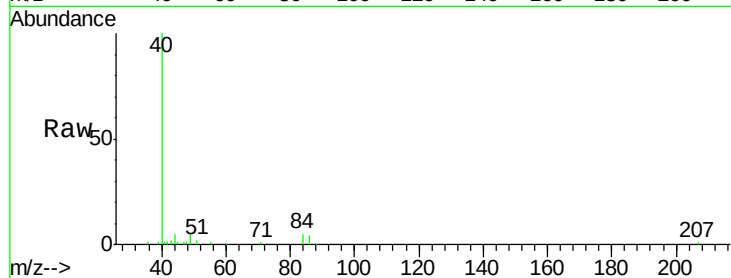




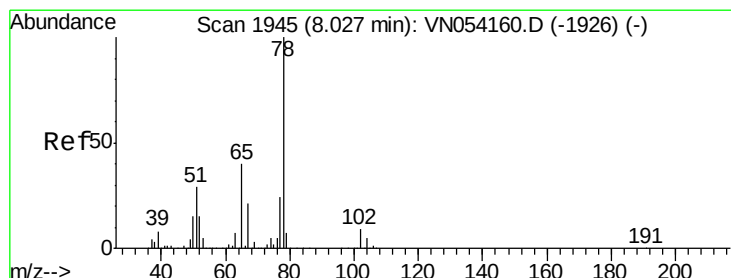
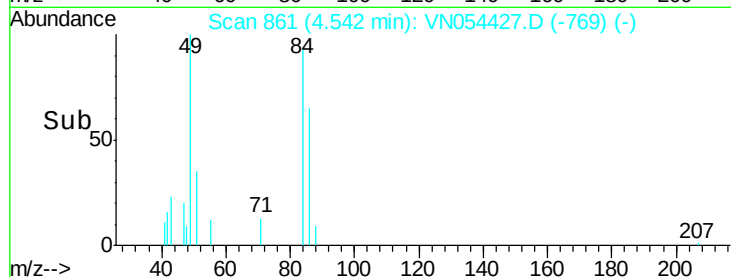
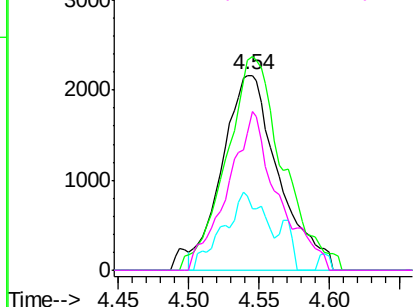
#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Instrument :
MSVOA_N
ClientSampled :
P-1-N.WALL

Tot Ion:	84	Resp:	6027
Ion	Ratio	Lower	Upper
84	100		
49	100.3	89.7	134.5
51	37.8	28.2	42.4
86	70.1	50.8	76.2

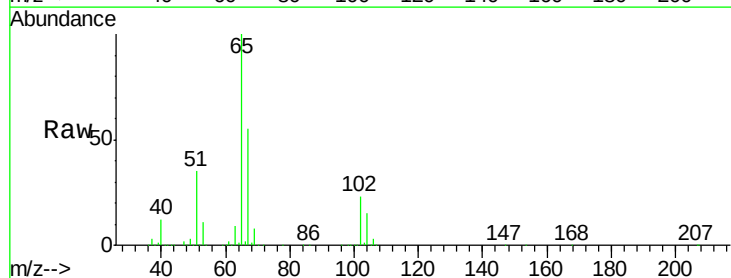


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

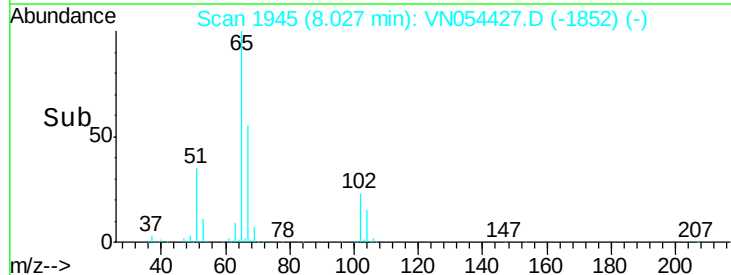
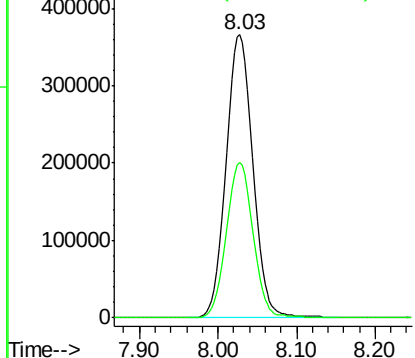


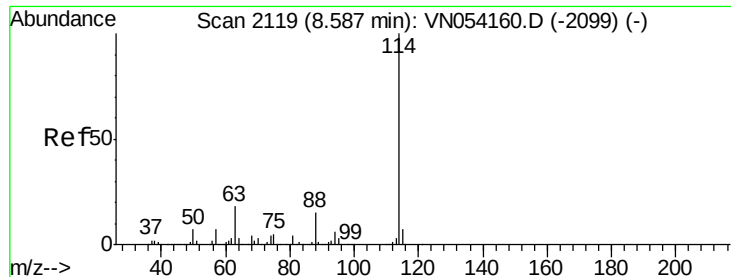
#33
1,2-Dichloroethane-d4
Concen: 40.655 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion:	65	Resp:	861867
Ion	Ratio	Lower	Upper
65	100		
67	54.6	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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

P-1-N.WALL

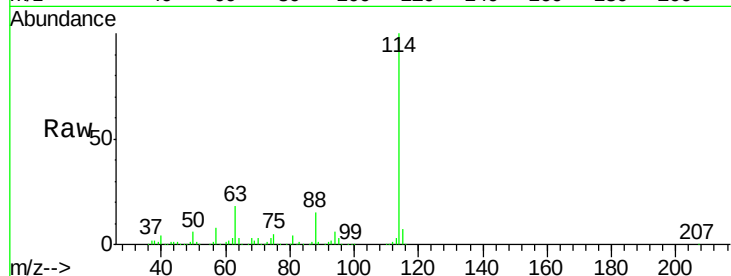
Tot Ion:114 Resp: 2792998

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

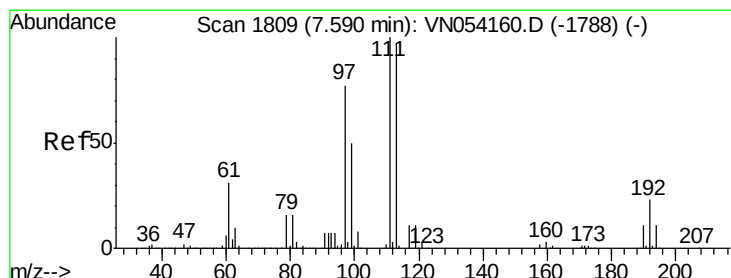
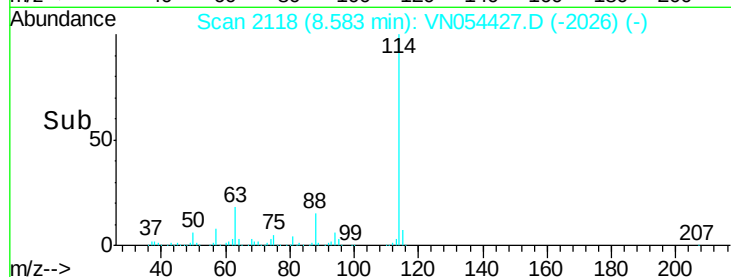
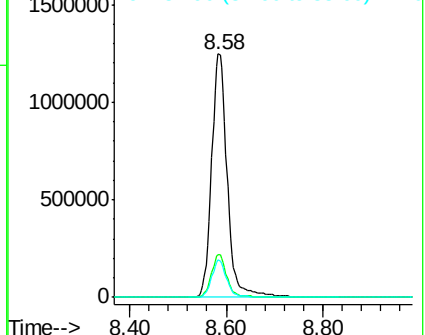
88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.597 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

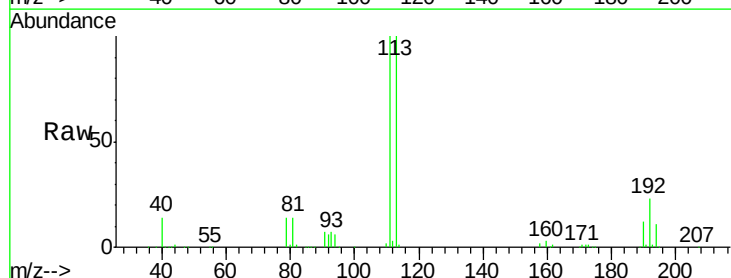
Tgt Ion:113 Resp: 821376

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

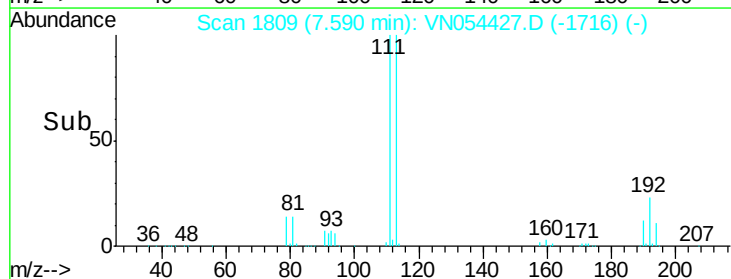
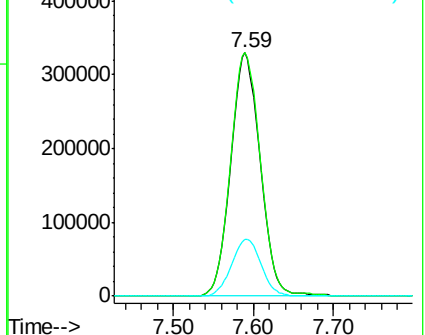
192 23.5 19.2 28.8

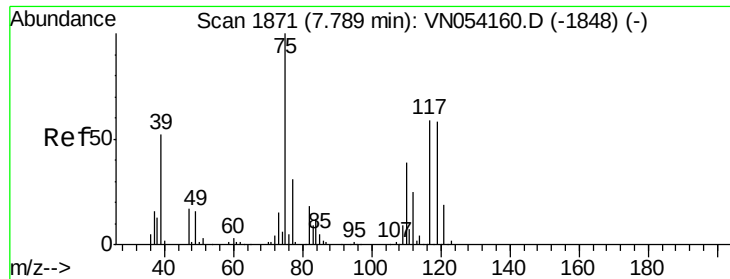


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.159 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

P-1-N.WALL

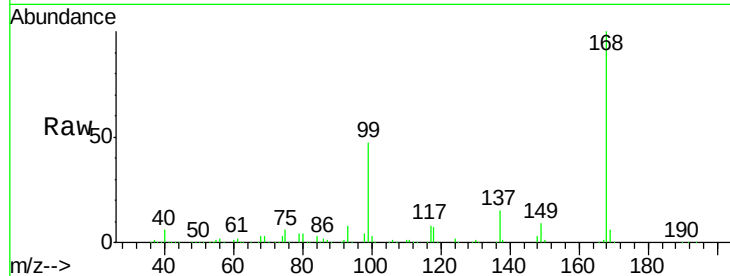
Tot Ion: 75 Resp: 106981

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.5#

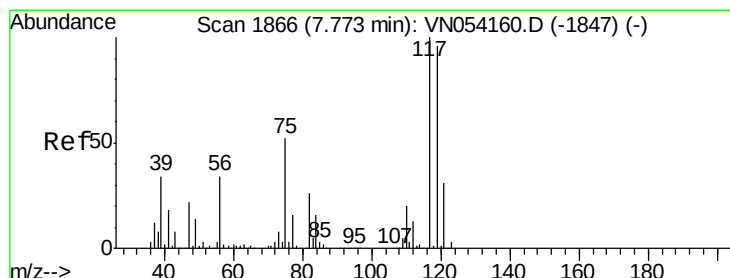
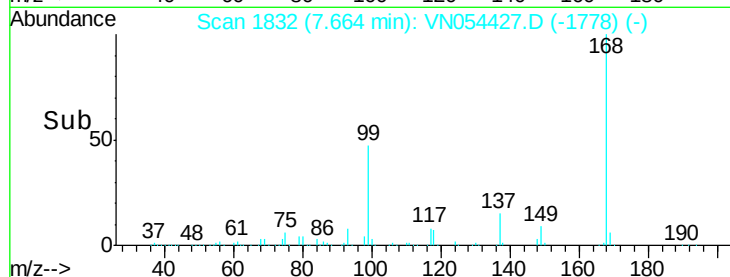
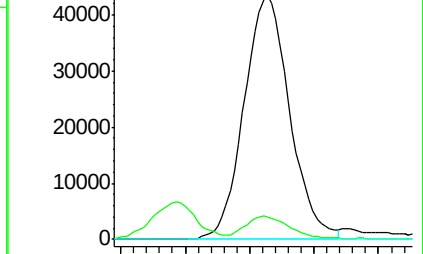
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054427.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054427.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054427.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 5.676 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

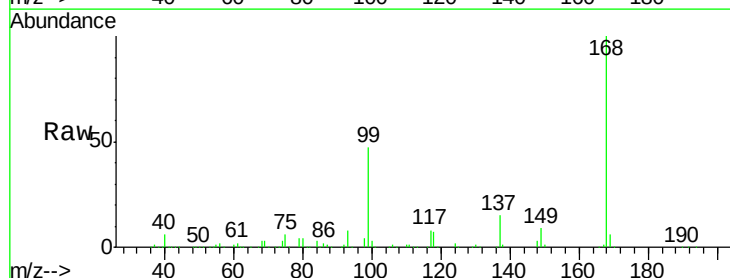
Tgt Ion: 117 Resp: 153095

Ion Ratio Lower Upper

117 100

119 5.4 76.3 114.5#

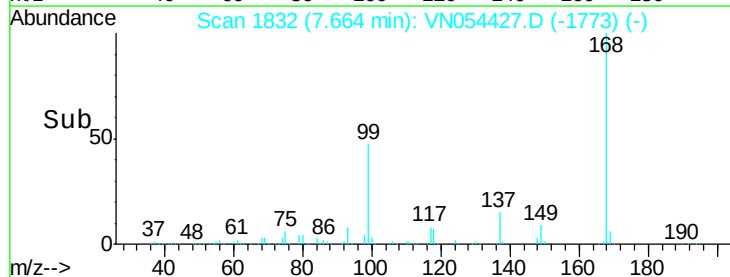
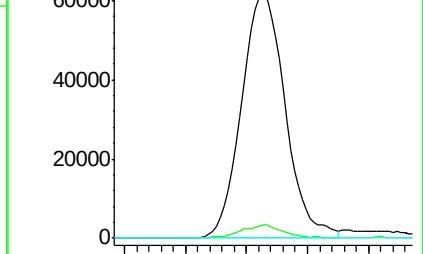
121 0.0 24.6 36.8#

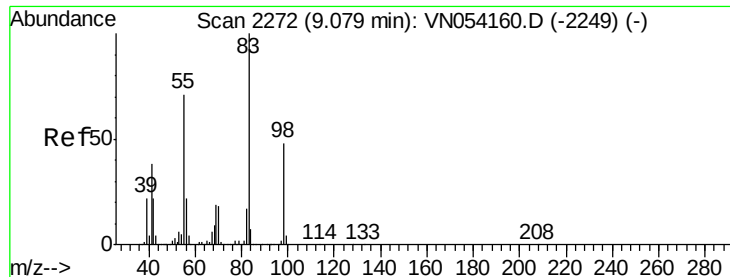


Abundance Ion 116.80 (116.50 to 117.50): VN054427.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054427.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054427.D (-1773) (-)

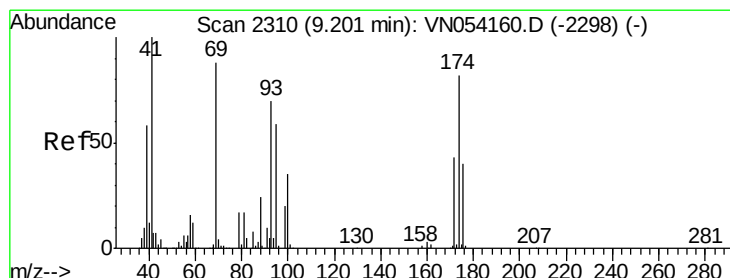
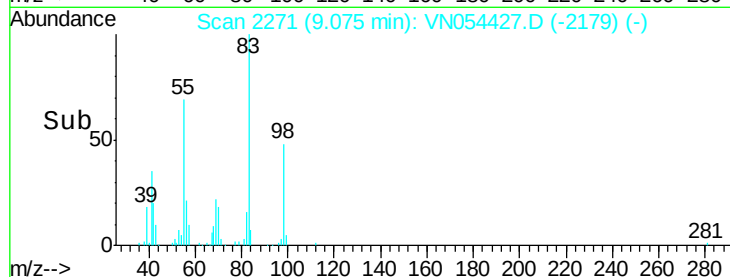
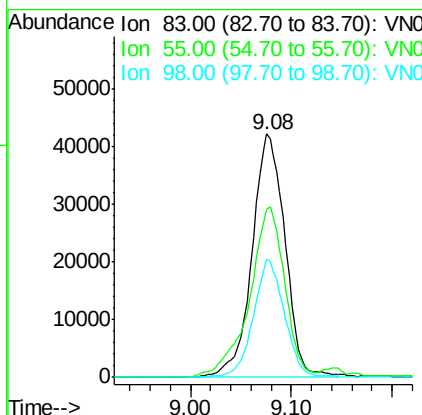
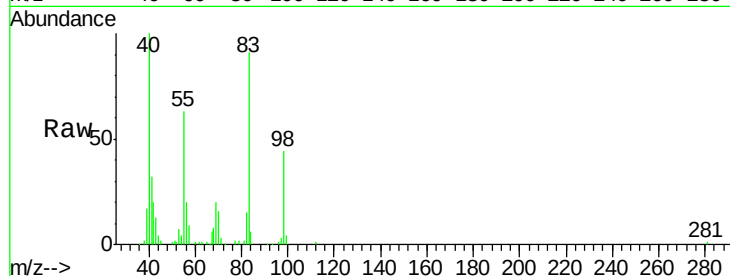




#39
Methylcyclohexane
Concen: 3.021 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

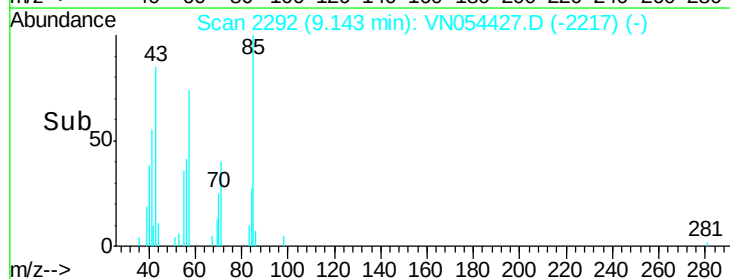
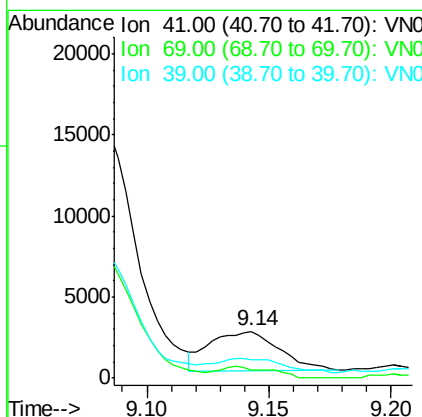
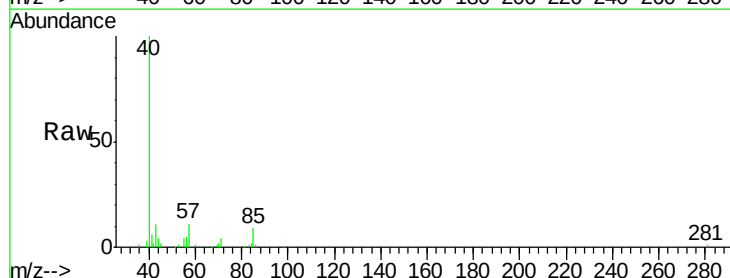
Instrument :
MSVOA_N
ClientSampled :
P-1-N.WALL

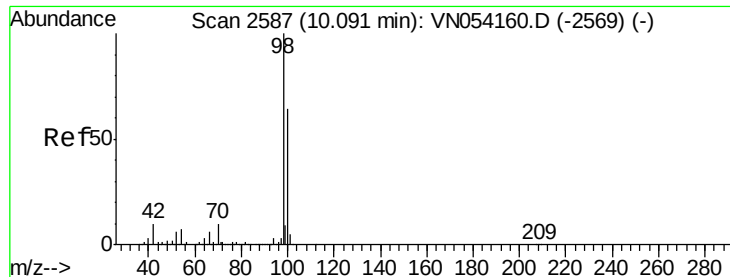
Tot Ion: 83 Resp: 95617
Ion Ratio Lower Upper
83 100
55 69.0 56.6 84.8
98 48.4 38.4 57.6



#48
Methyl methacrylate
Concen: 0.360 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion: 41 Resp: 4734
Ion Ratio Lower Upper
41 100
69 22.4 72.6 108.8#
39 33.2 47.5 71.3#

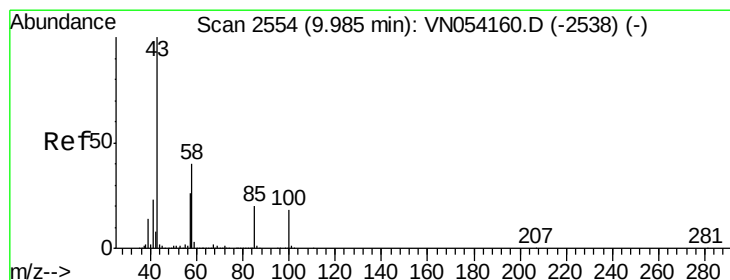
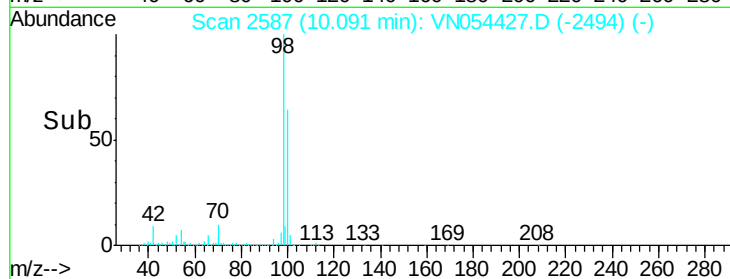
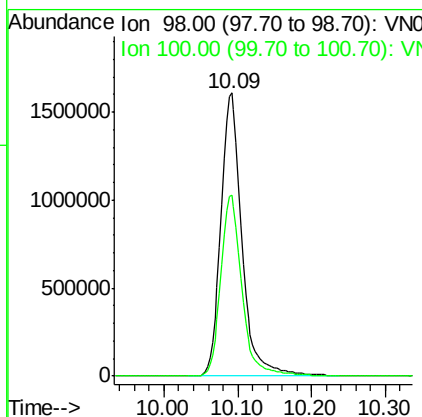
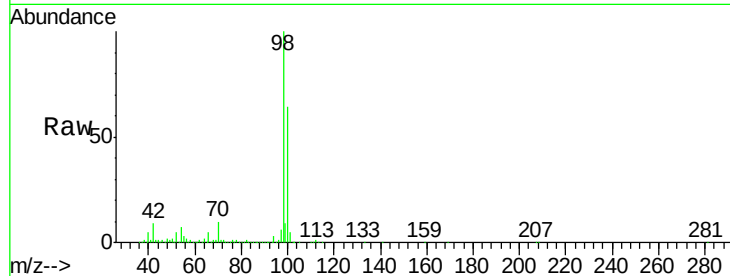




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

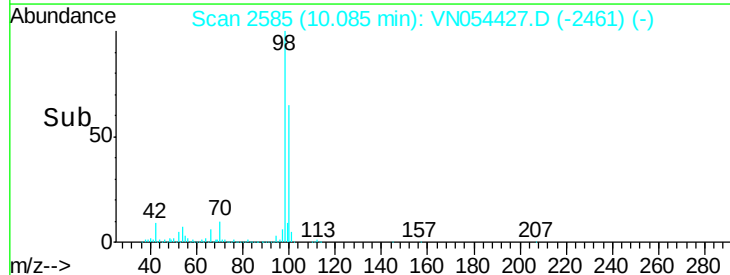
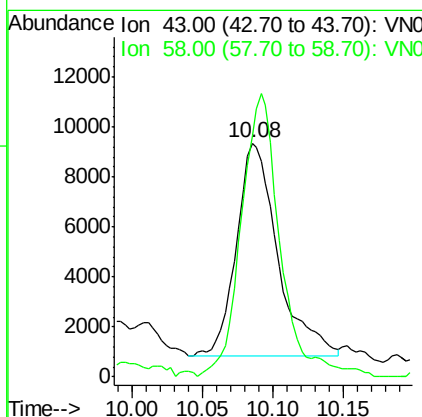
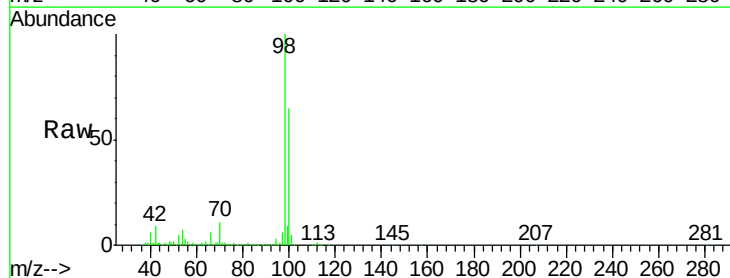
Instrument :
MSVOA_N
ClientSampled :
P-1-N.WALL

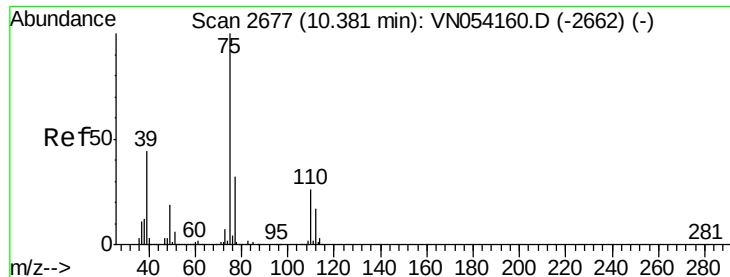
Tot Ion: 98 Resp: 3208256
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.280 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.10 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion: 43 Resp: 17578
Ion Ratio Lower Upper
43 100
58 125.1 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

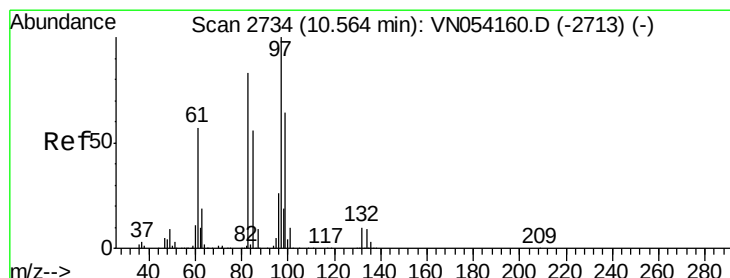
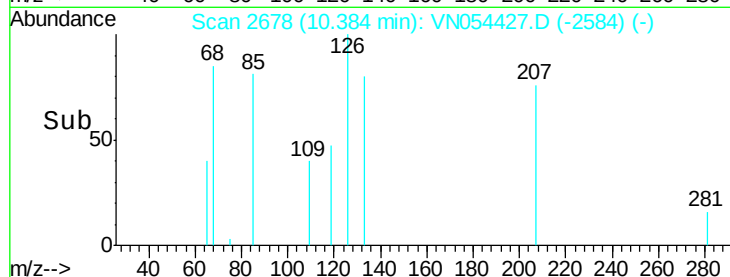
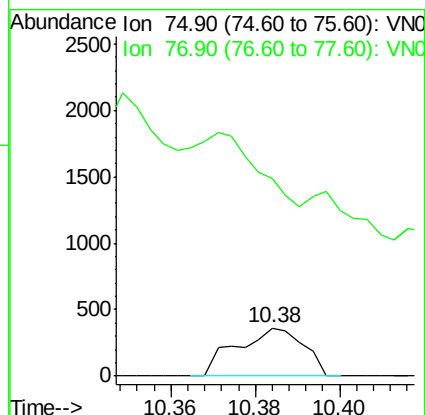
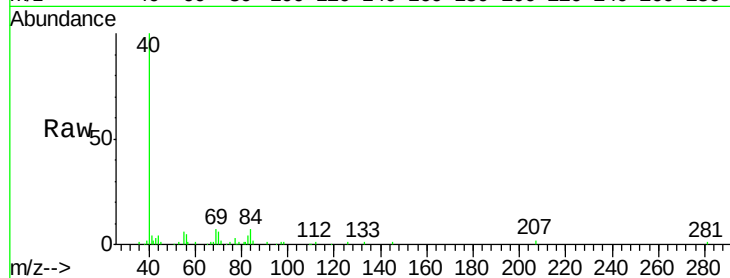
P-1-N.WALL

Tot Ion: 75 Resp: 400

Ion Ratio Lower Upper

75 100

77 67.2 25.8 38.8#



#55

1,1,2-Trichloroethane

Concen: 2.864 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Tgt Ion: 97 Resp: 48797

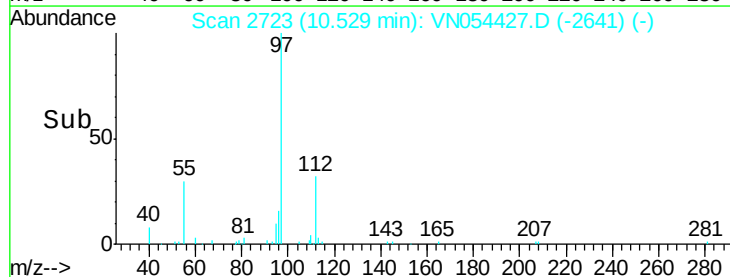
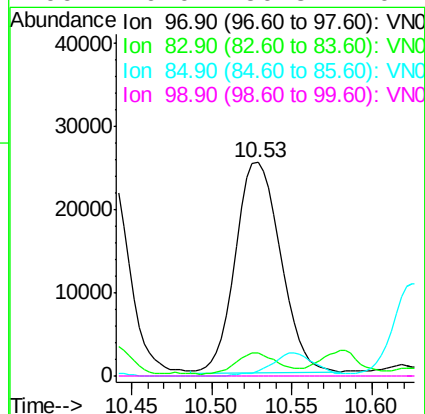
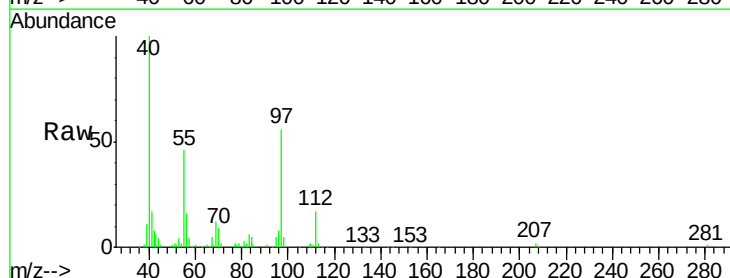
Ion Ratio Lower Upper

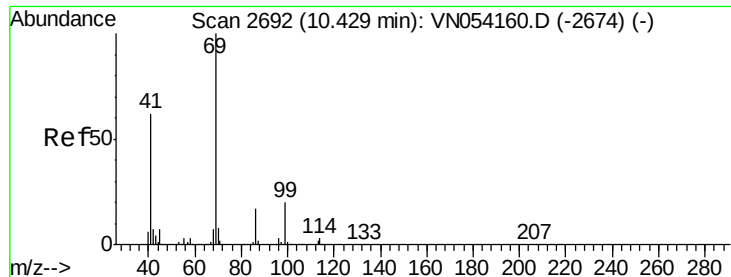
97 100

83 9.8 66.6 100.0#

85 2.2 44.4 66.6#

99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.839 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

P-1-N.WALL

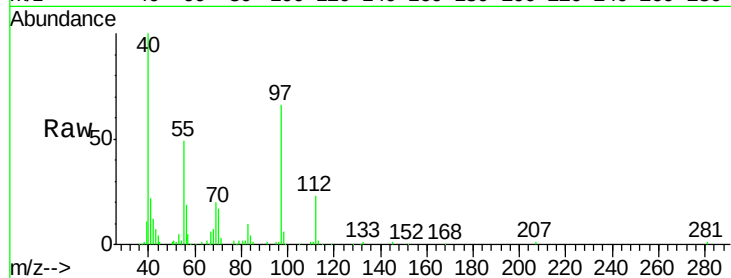
Tot Ion: 69 Resp: 17038

Ion Ratio Lower Upper

69 100

41 144.6 49.4 74.2#

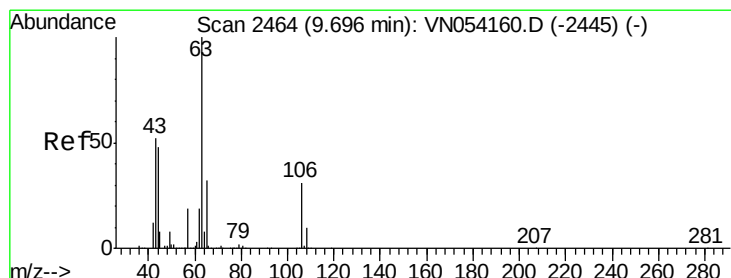
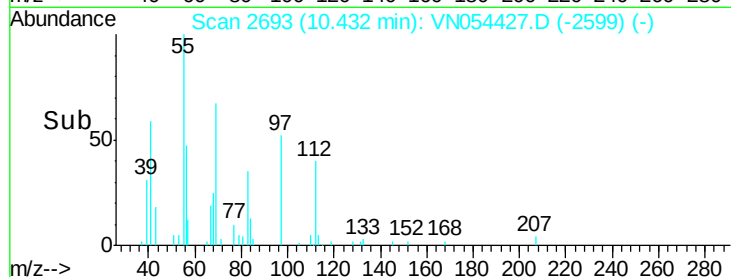
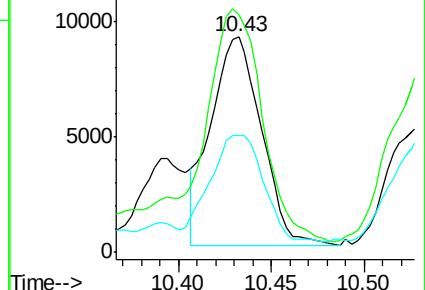
39 55.2 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.834 ug/l

RT: 9.71 min Scan# 2469

Delta R.T. 0.02 min

Lab File: VN054427.D

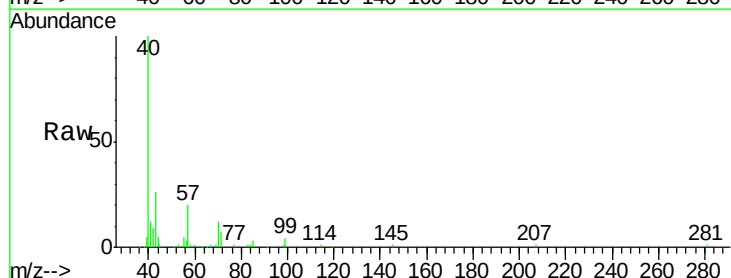
Acq: 19 Mar 2019 7:19

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

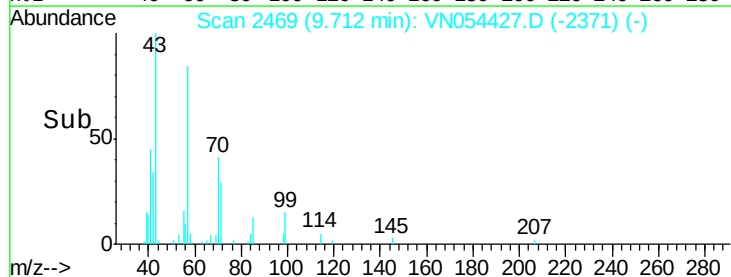
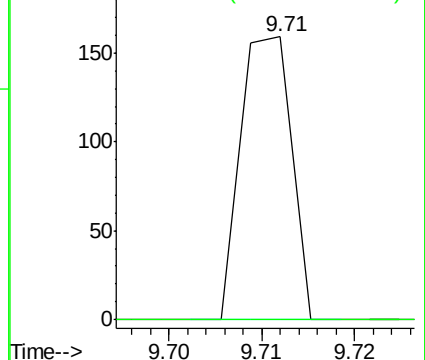
63 100

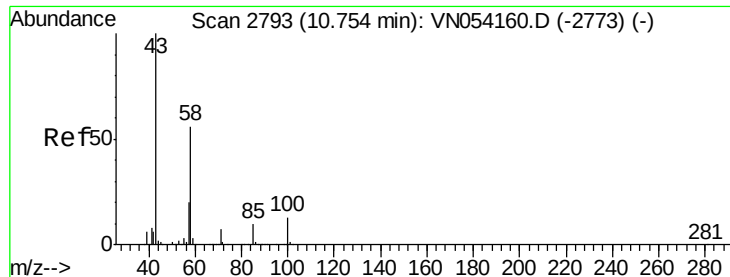
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 7.299 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

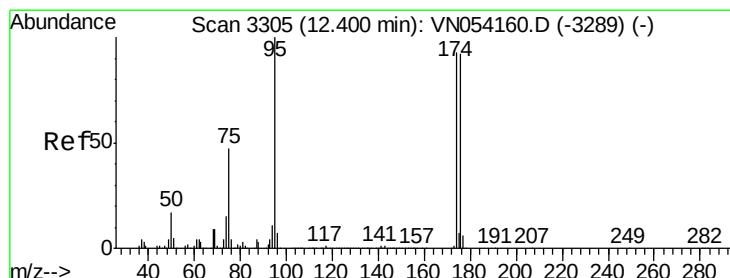
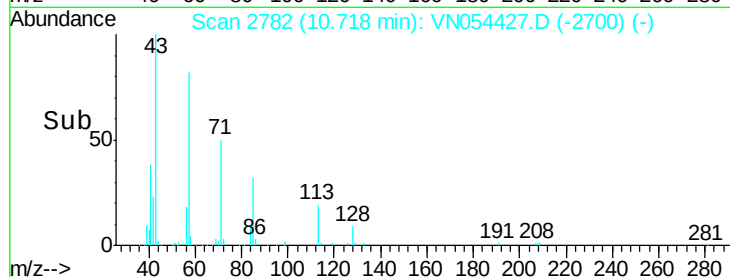
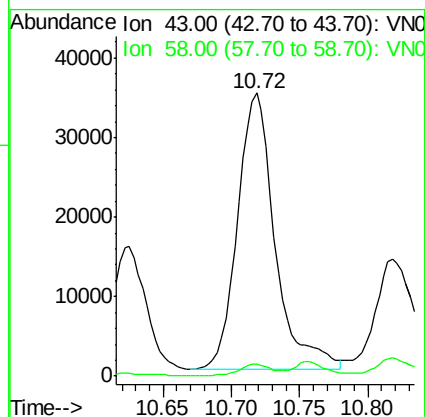
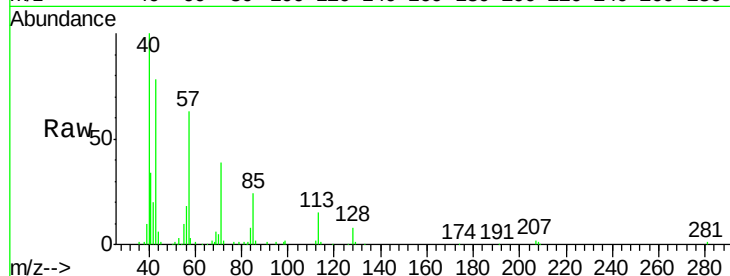
P-1-N.WALL

Tot Ion: 43 Resp: 66677

Ion Ratio Lower Upper

43 100

58 3.9 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 44.077 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

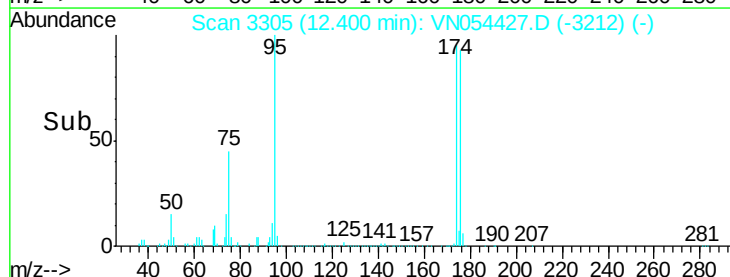
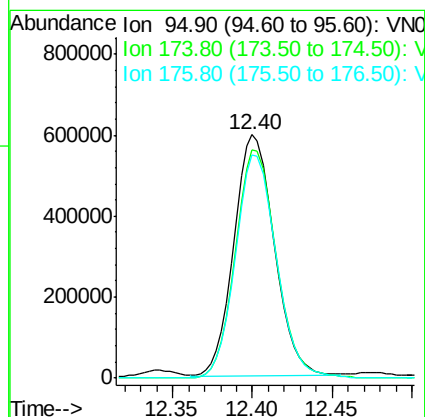
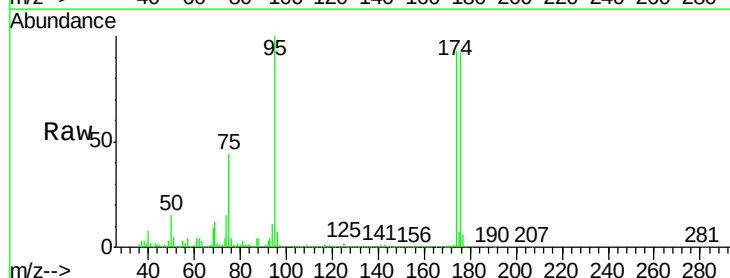
Tgt Ion: 95 Resp: 1026019

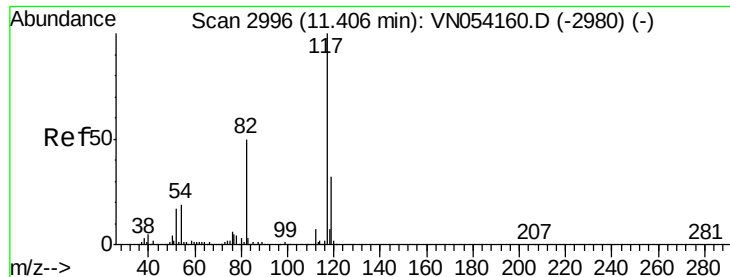
Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.0

176 94.0 0.0 187.4

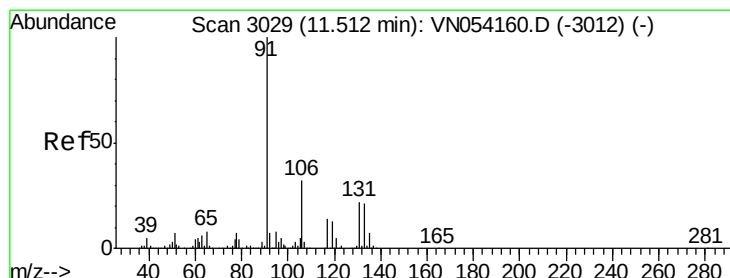
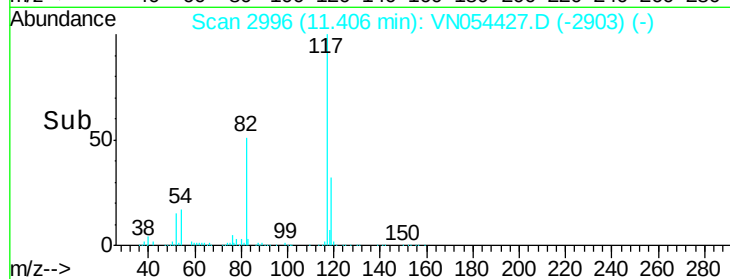
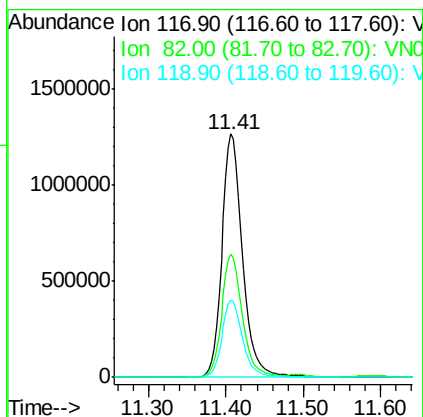
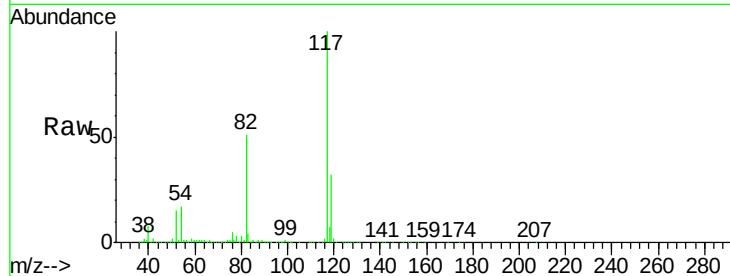




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

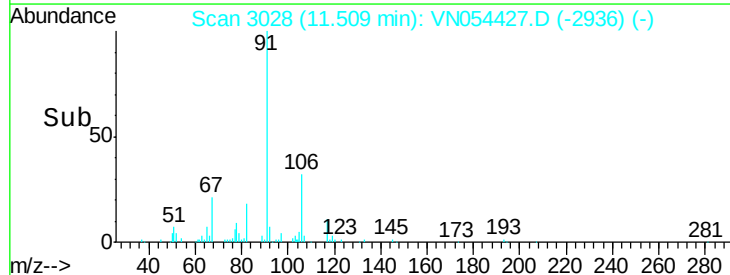
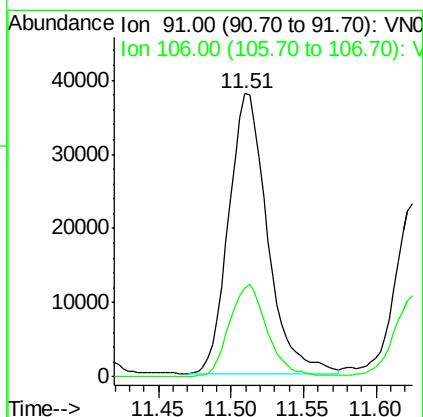
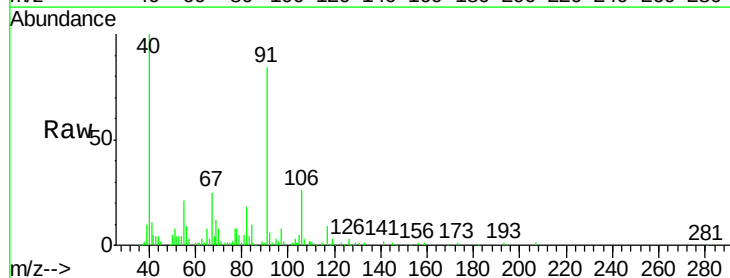
Instrument :
MSVOA_N
ClientSampleId :
P-1-N.WALL

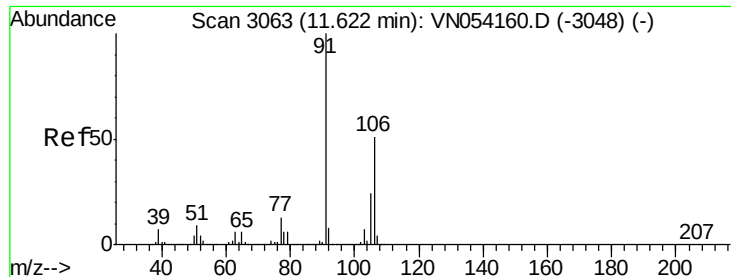
Tot Ion:117 Resp: 2349631
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 0.821 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion: 91 Resp: 70180
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3





#68

m/p-Xvlenes

Concen: 0.621 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

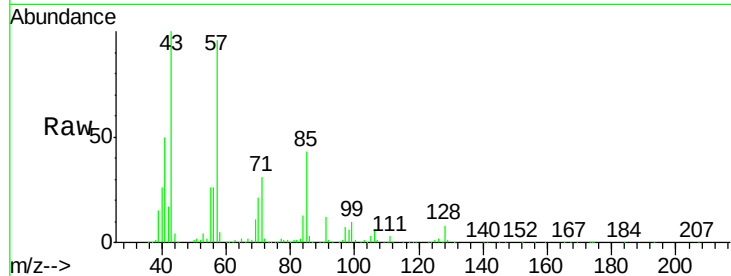
P-1-N.WALL

Tot Ion:106 Resp: 20772

Ion Ratio Lower Upper

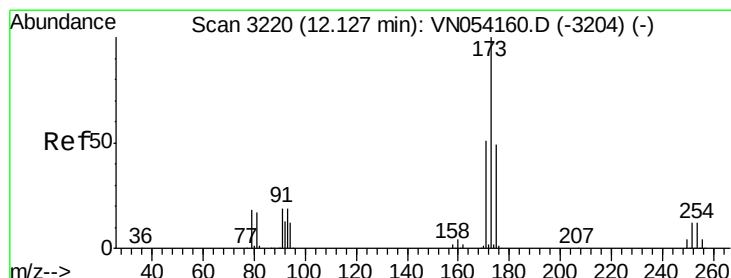
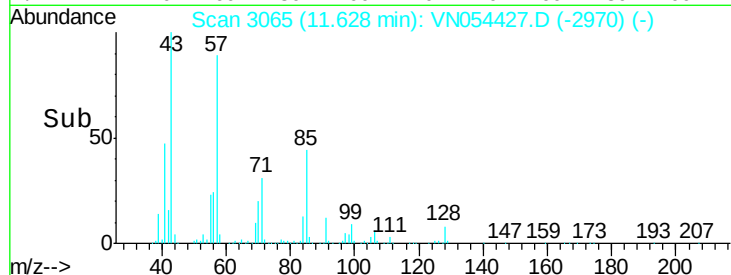
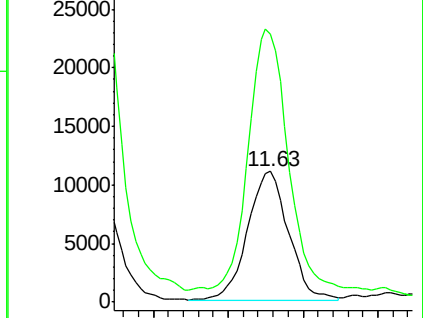
106 100

91 201.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#71

Bromoform

Concen: 2.365 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. -0.01 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

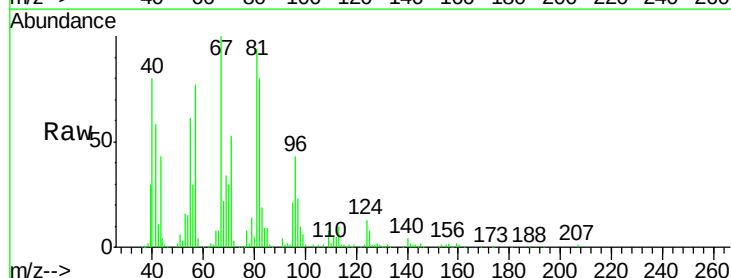
Tgt Ion:173 Resp: 222

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

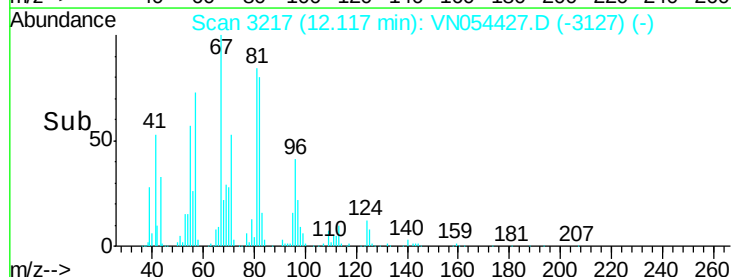
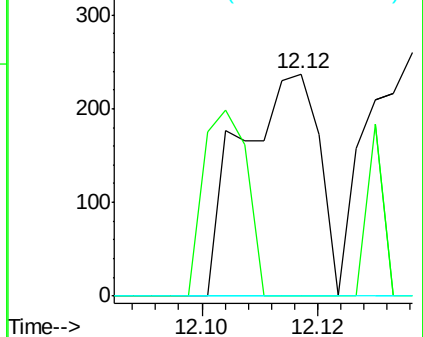
254 0.0 0.1 0.1#

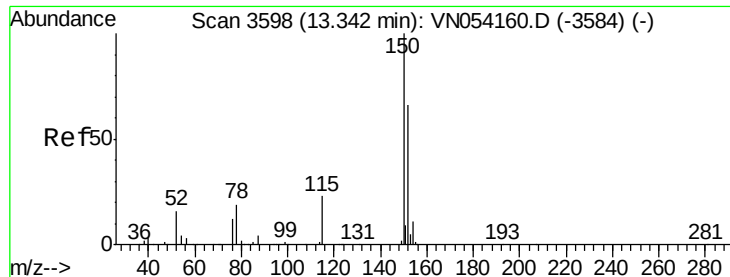


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

P-1-N.WALL

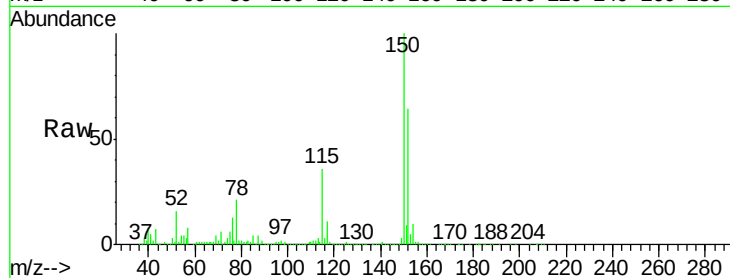
Tot Ion:152 Resp: 1069533

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

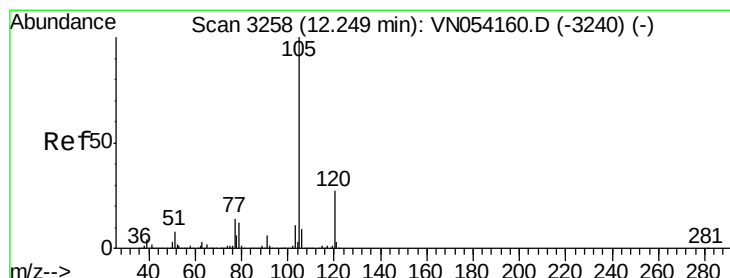
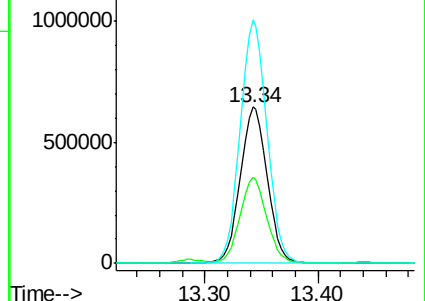
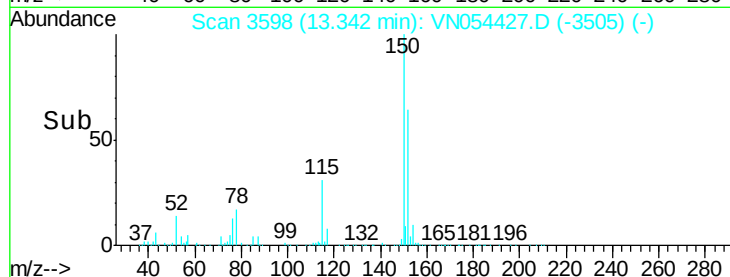
150 154.9 0.0 349.2



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



#73

Isopropylbenzene

Concen: 2.485 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054427.D

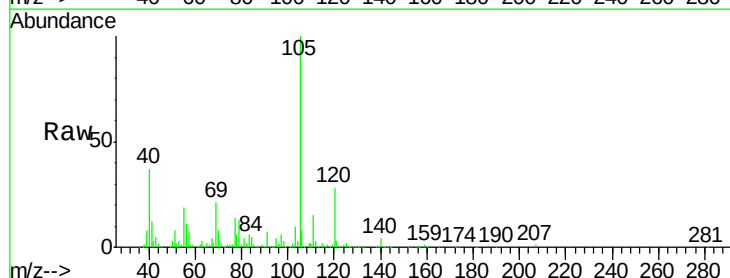
Acq: 19 Mar 2019 7:19

Tgt Ion:105 Resp: 212660

Ion Ratio Lower Upper

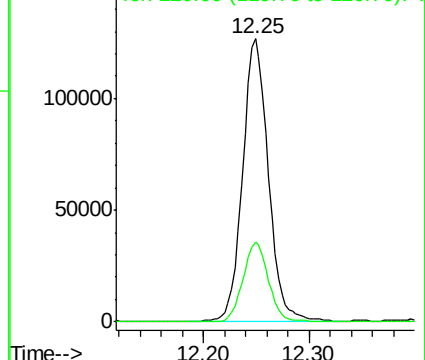
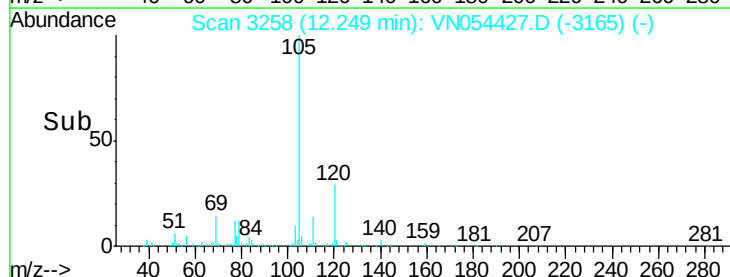
105 100

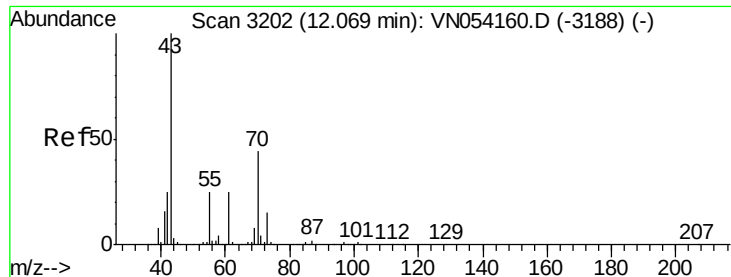
120 28.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 5.129 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

P-1-N.WALL

Tot Ion: 43 Resp: 97416

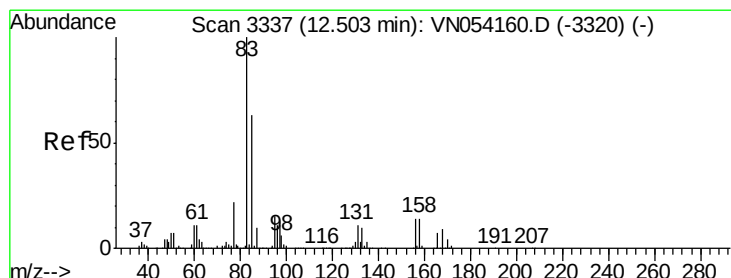
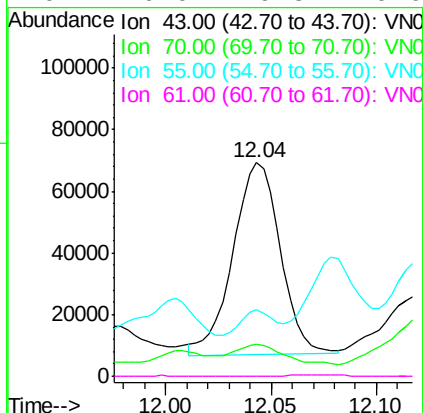
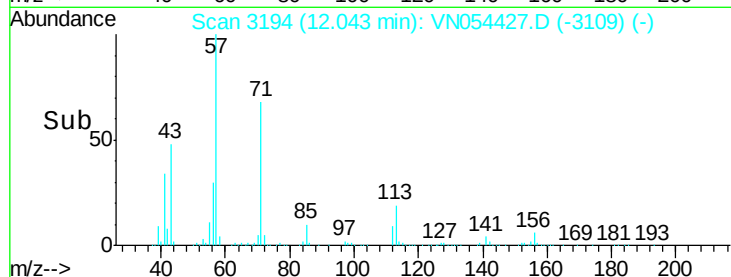
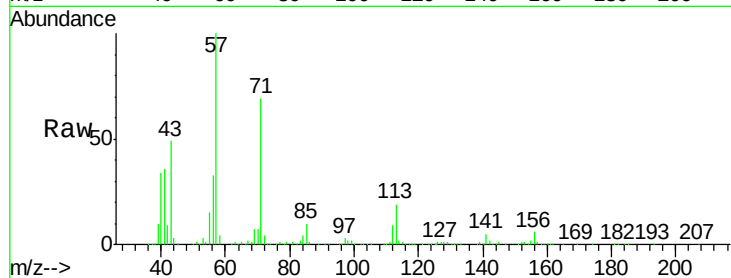
Ion Ratio Lower Upper

43 100

70 10.3 35.4 53.0#

55 9.0 19.8 29.6#

61 0.0 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.629 ug/l

RT: 12.45 min Scan# 3321

Delta R.T. -0.05 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

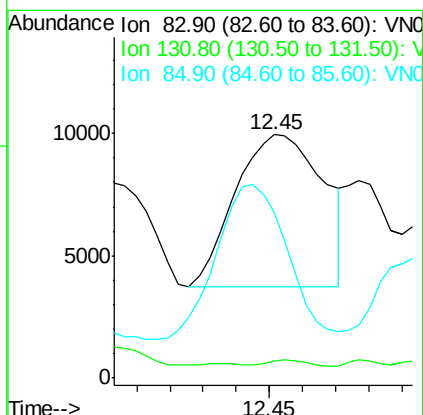
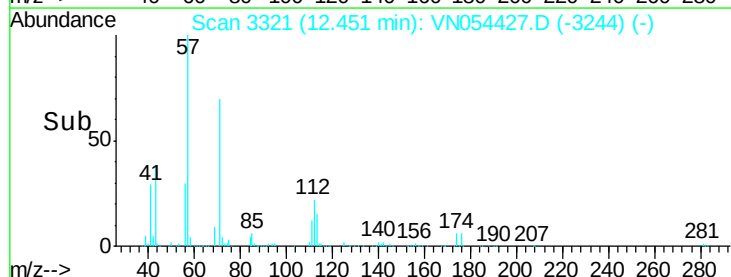
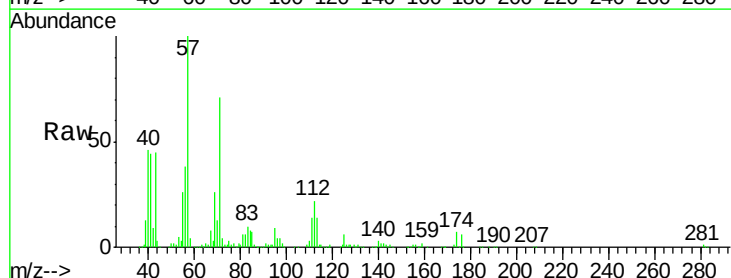
Tgt Ion: 83 Resp: 11475

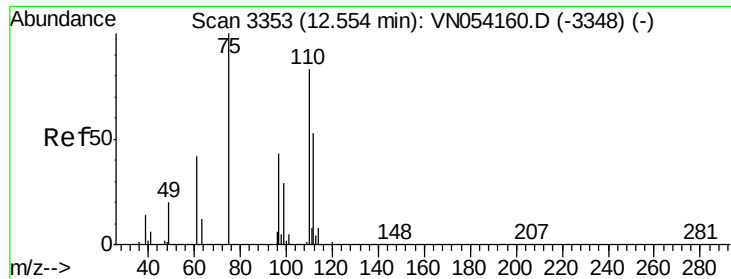
Ion Ratio Lower Upper

83 100

131 1.7 5.8 17.4#

85 95.8 32.2 96.6

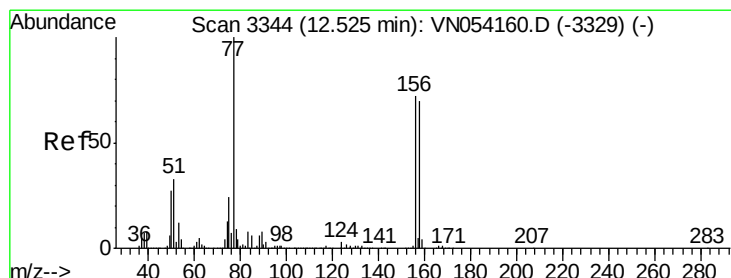
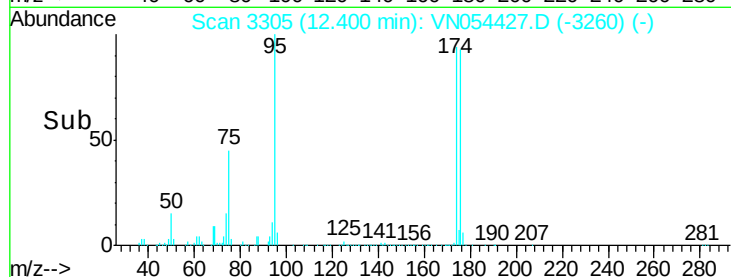
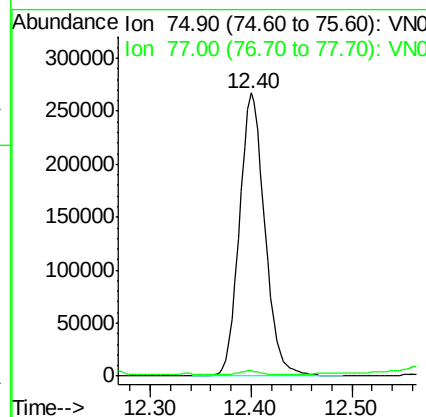
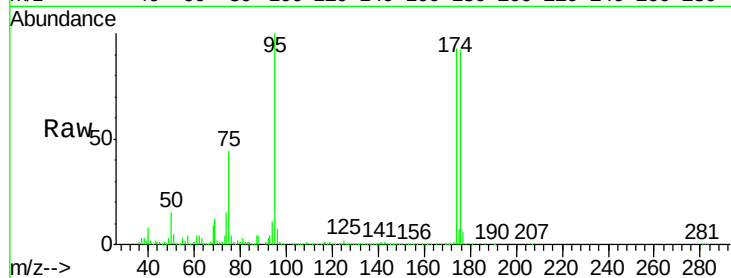




#76
 1,2,3-Trichloropropane
 Concen: 29.707 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

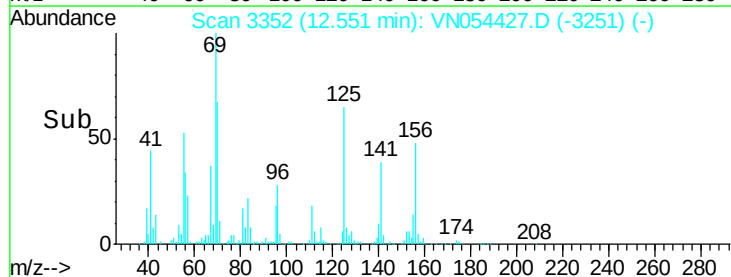
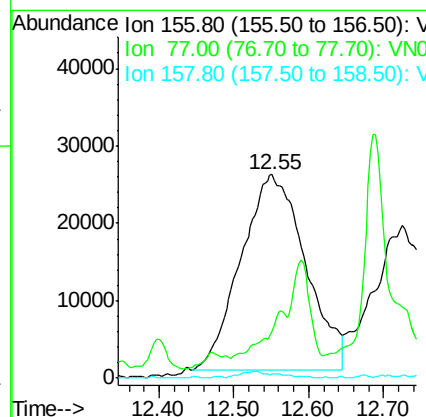
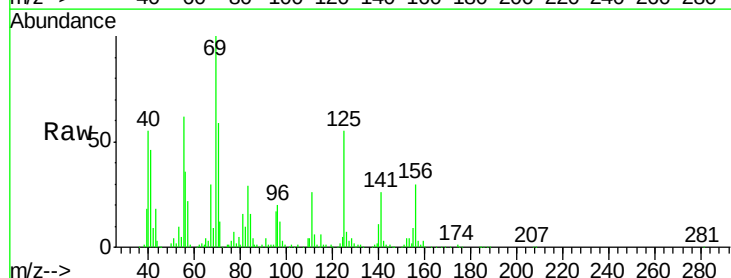
Instrument :
 MSVOA_N
 ClientSampled :
 P-1-N.WALL

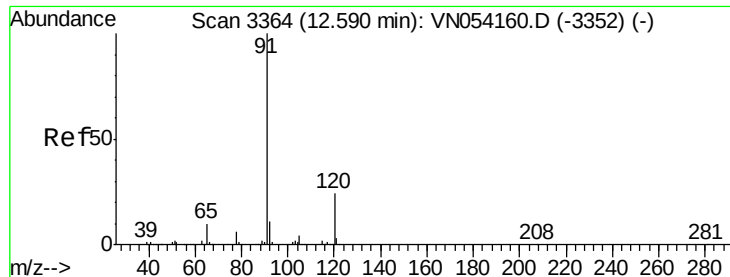
Tot Ion: 75 Resp: 467231
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 6.722 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. 0.03 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

Tgt Ion: 156 Resp: 152198
 Ion Ratio Lower Upper
 156 100
 77 8.1 81.5 244.4#
 158 0.7 49.0 147.2#





#78

n-propylbenzene

Concen: 6.058 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

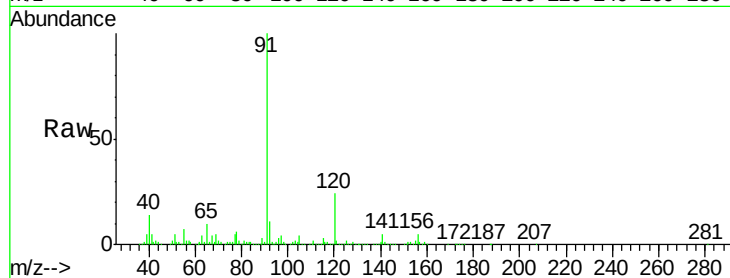
P-1-N.WALL

Tot Ion: 91 Resp: 562497

Ion Ratio Lower Upper

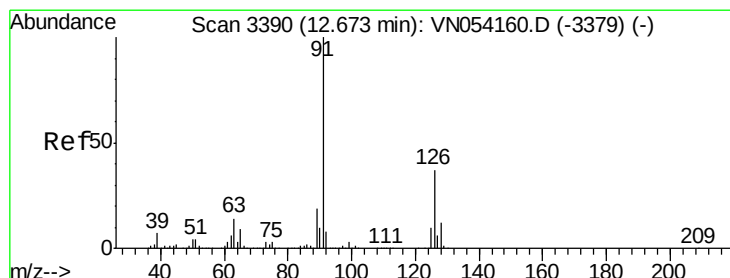
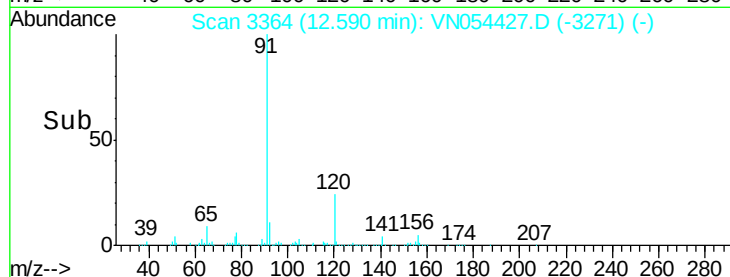
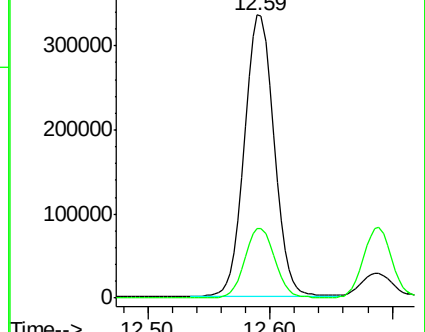
91 100

120 25.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.905 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN054427.D

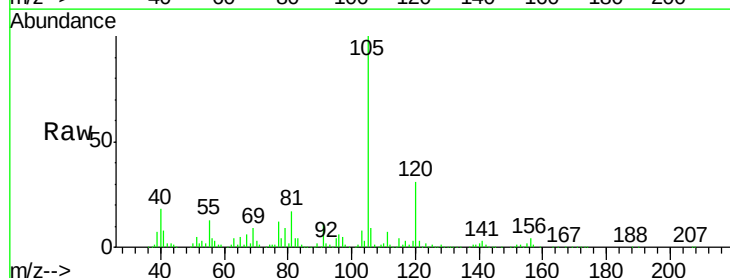
Acq: 19 Mar 2019 7:19

Tgt Ion: 91 Resp: 50524

Ion Ratio Lower Upper

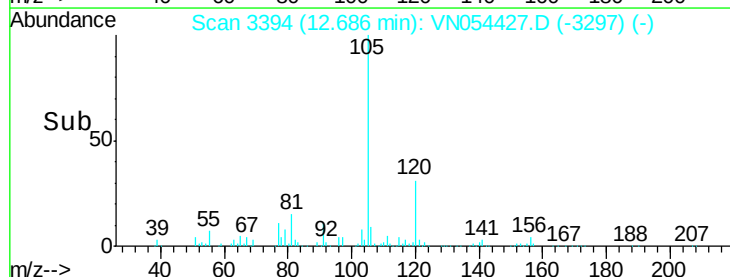
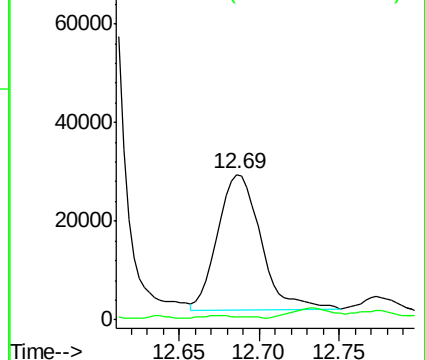
91 100

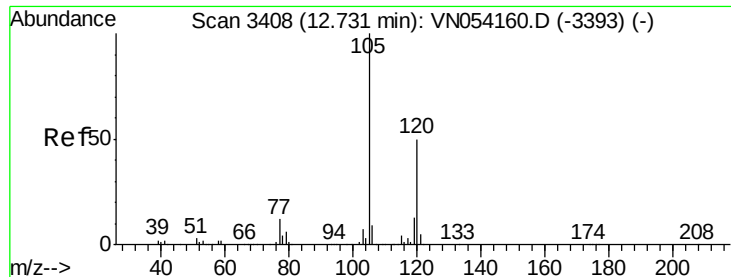
126 2.1 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 6.233 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

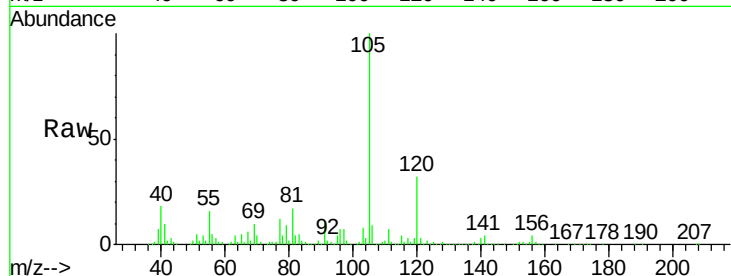
P-1-N.WALL

Tot Ion:105 Resp: 443632

Ion Ratio Lower Upper

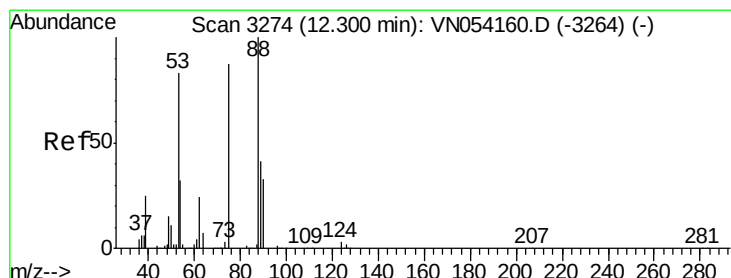
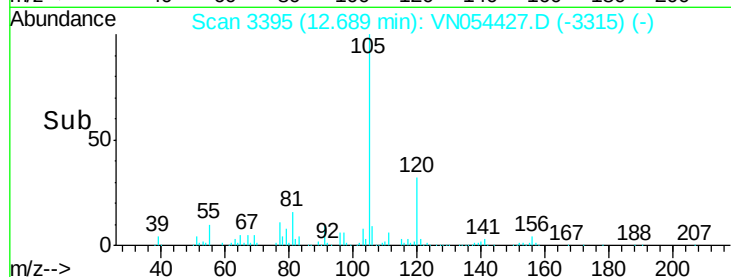
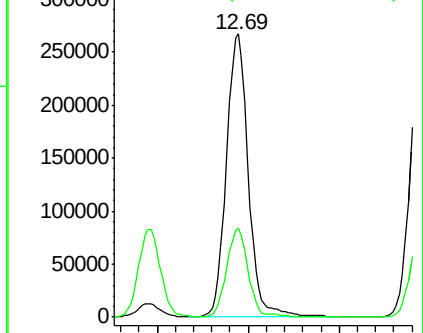
105 100

120 30.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 101.552 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

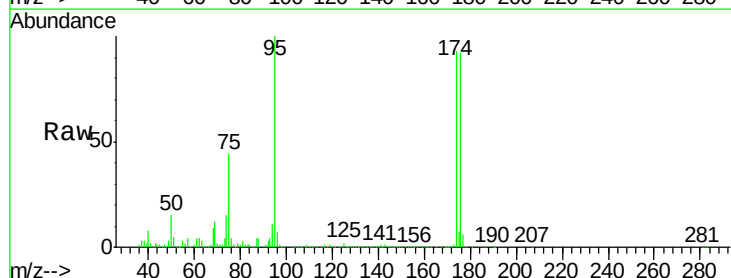
Tgt Ion: 75 Resp: 467231

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

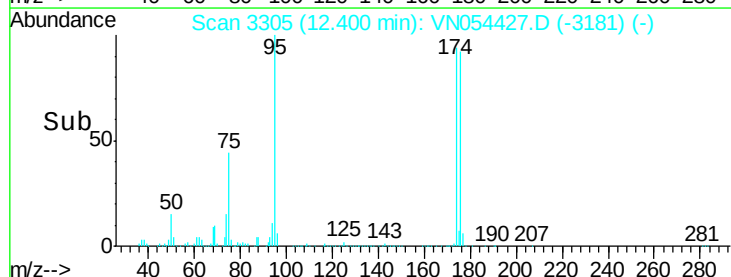
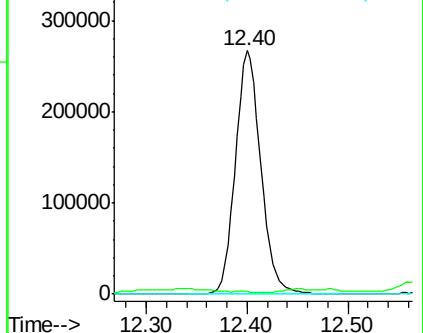
89 0.0 39.2 58.8#

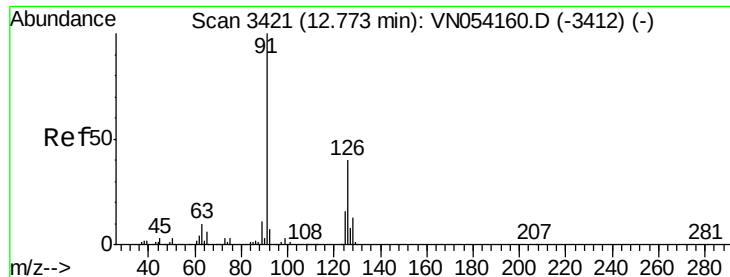


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.906 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

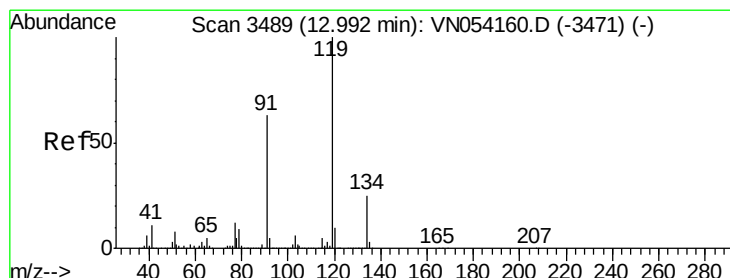
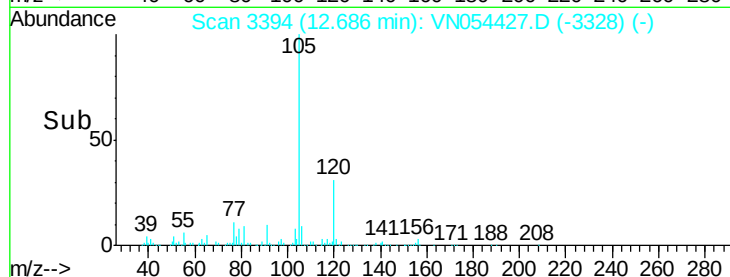
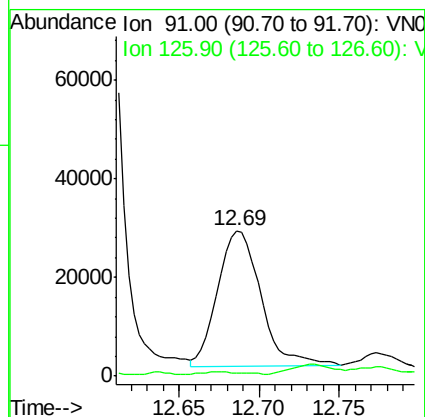
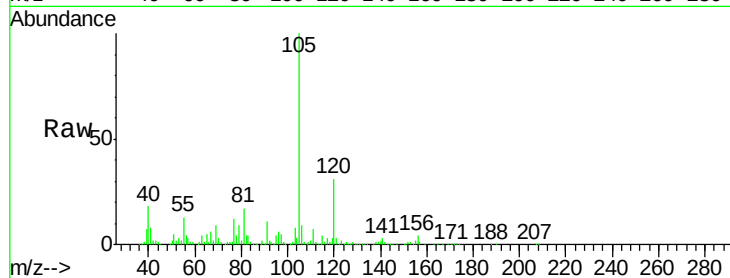
P-1-N.WALL

Tot Ion: 91 Resp: 50524

Ion Ratio Lower Upper

91 100

126 2.2 18.1 54.1#



#83

tert-Butylbenzene

Concen: 0.257 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

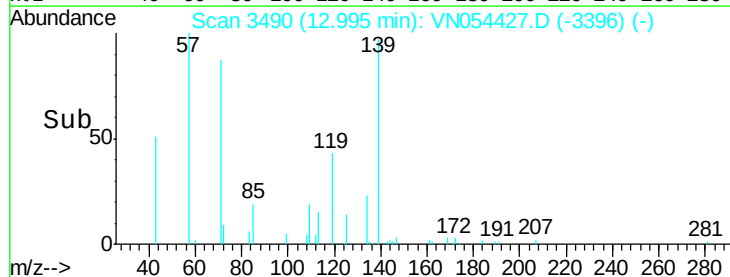
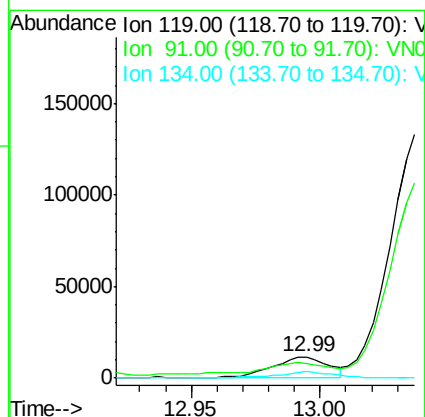
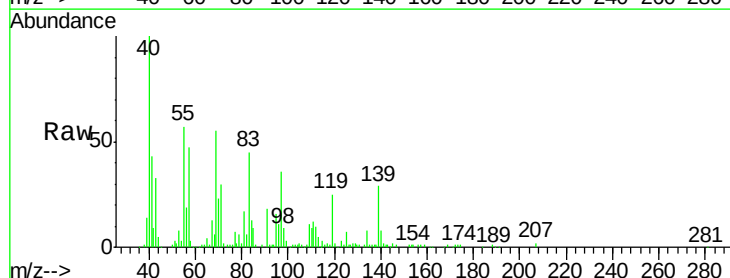
Tgt Ion: 119 Resp: 16829

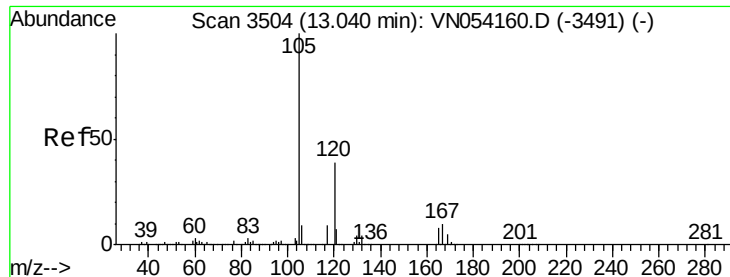
Ion Ratio Lower Upper

119 100

91 49.5 30.9 92.8

134 33.4 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 25.007 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

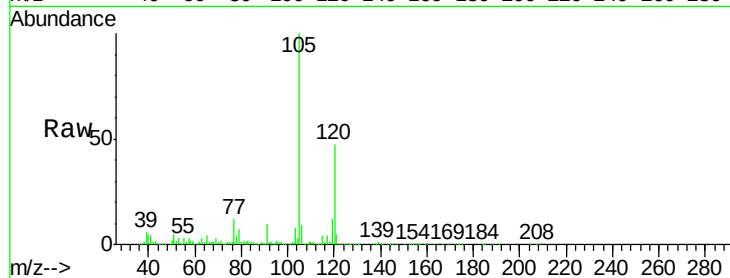
P-1-N.WALL

Tot Ion:105 Resp: 1746151

Ion Ratio Lower Upper

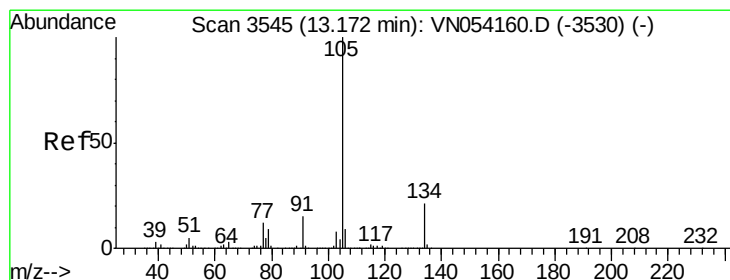
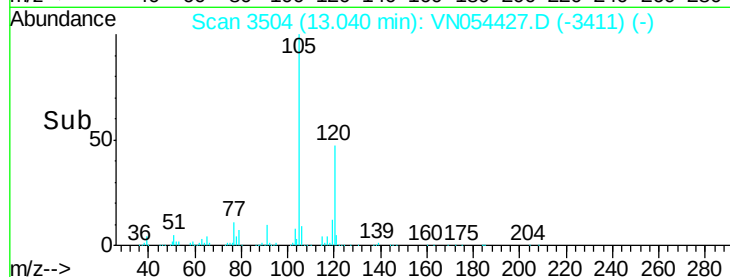
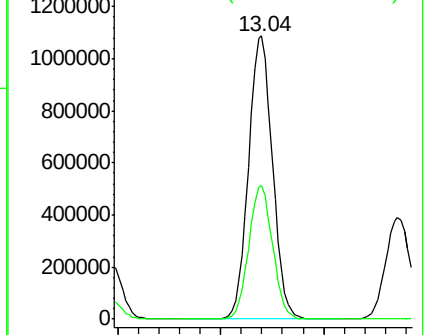
105 100

120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.593 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054427.D

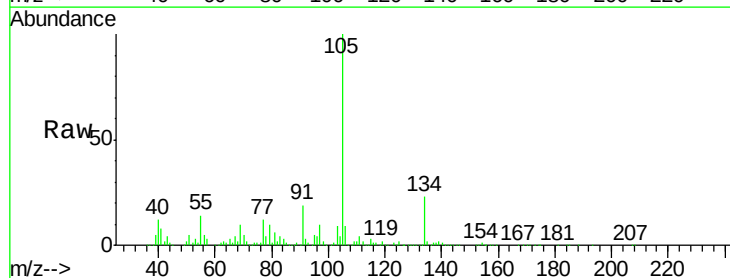
Acq: 19 Mar 2019 7:19

Tgt Ion:105 Resp: 645124

Ion Ratio Lower Upper

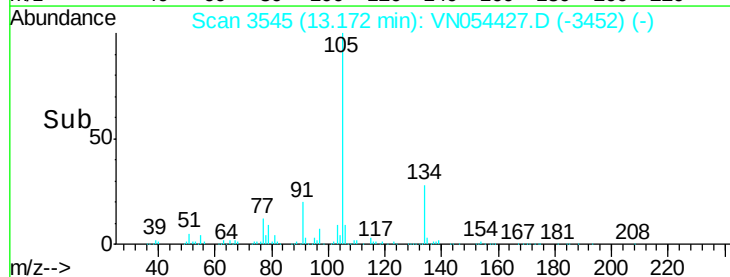
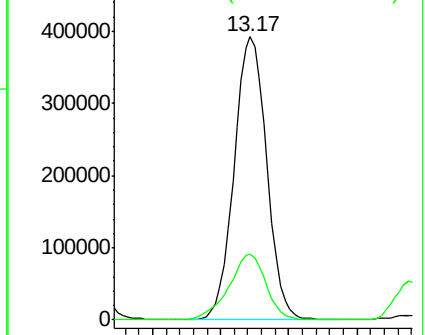
105 100

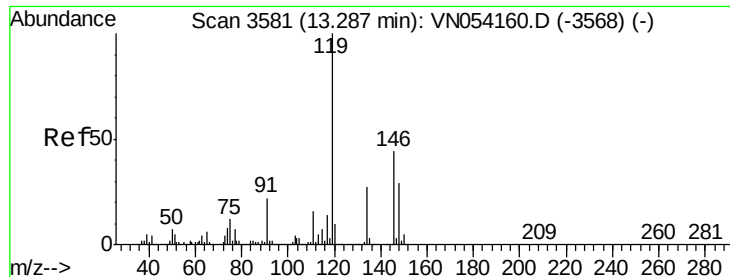
134 26.6 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

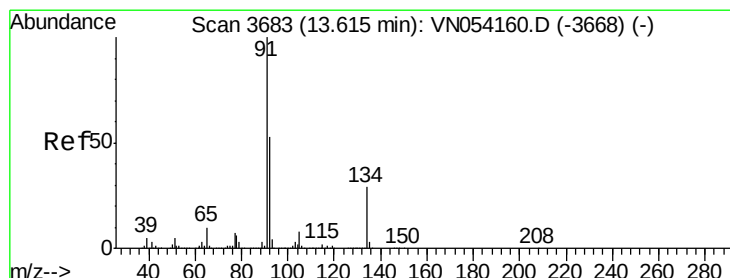
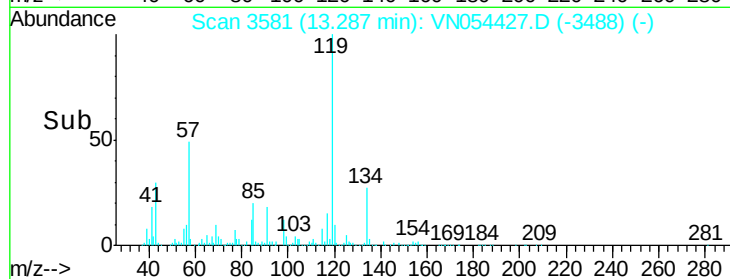
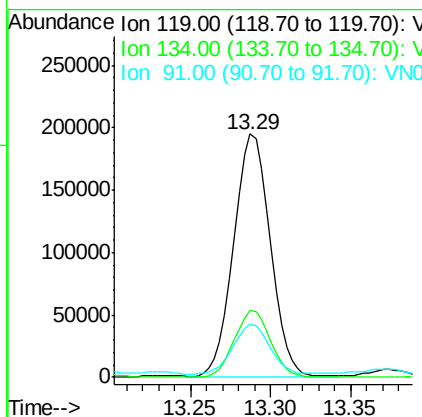
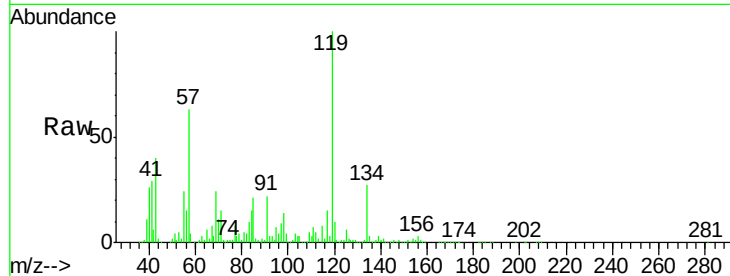




#86
 p-Isopropyltoluene
 Concen: 4.042 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

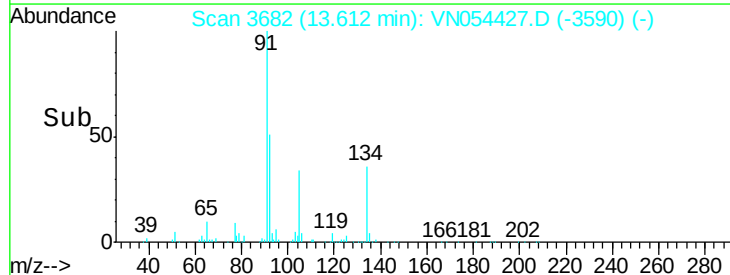
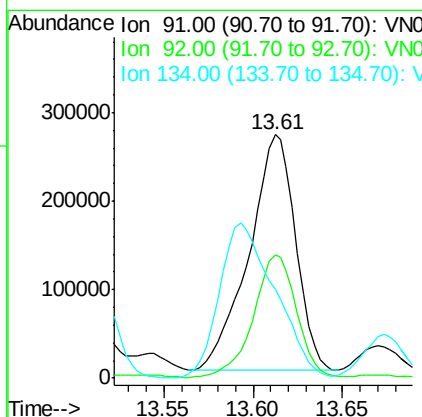
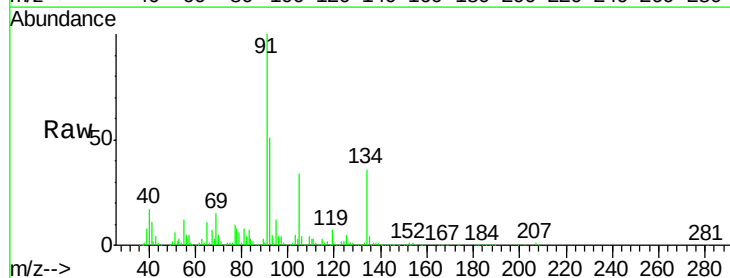
Instrument :
 MSVOA_N
 ClientSampled :
 P-1-N.WALL

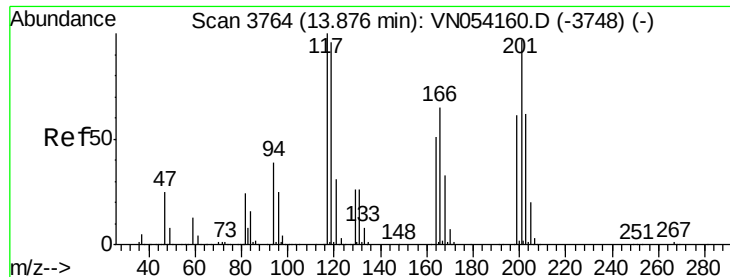
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.8
91	20.7	11.1	33.3



#89
 n-Butylbenzene
 Concen: 8.586 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	26.2	78.6
134	77.4	14.3	42.9





#90

Hexachloroethane

Concen: 13.300 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

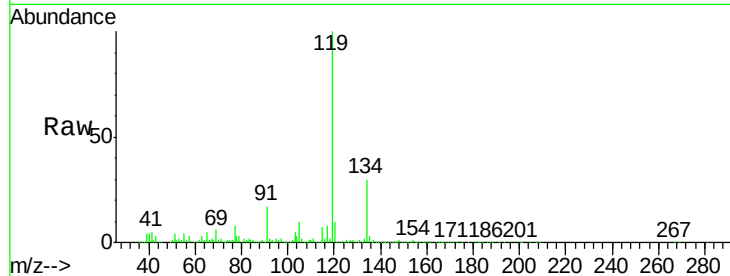
P-1-N.WALL

Tot Ion:117 Resp: 164152

Ion Ratio Lower Upper

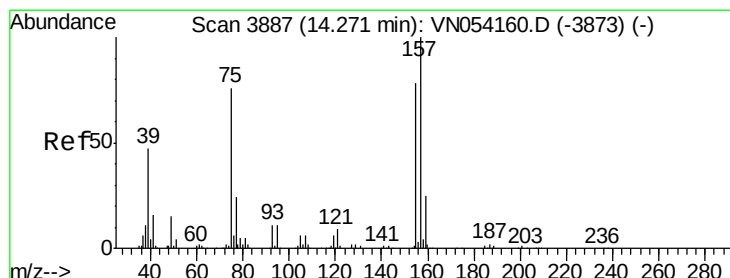
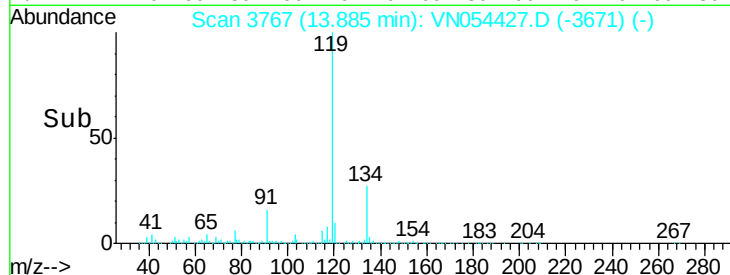
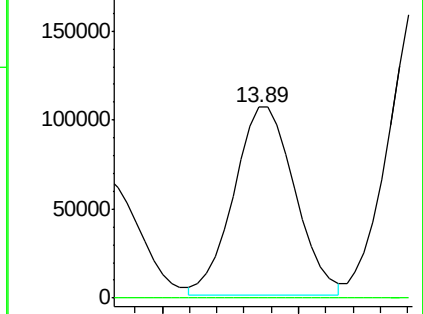
117 100

201 0.3 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.090 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

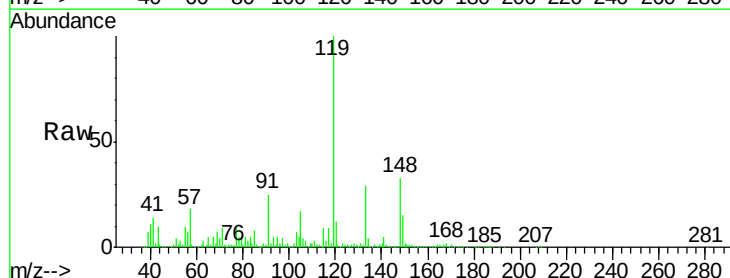
Tgt Ion: 75 Resp: 3074

Ion Ratio Lower Upper

75 100

155 30.0 50.1 150.3#

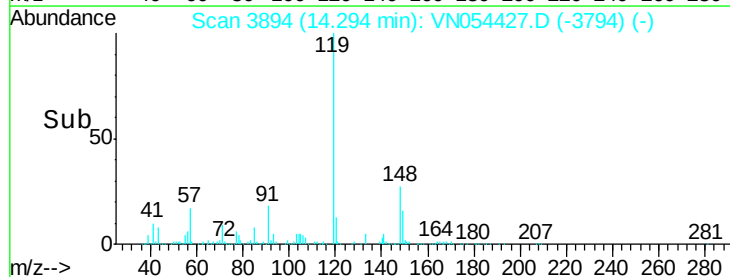
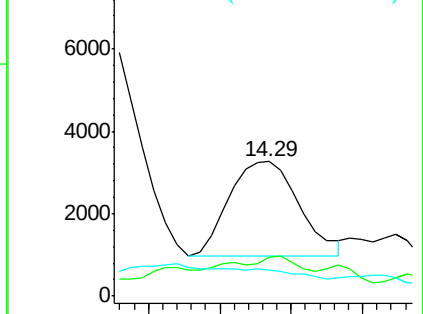
157 0.0 63.1 189.3#

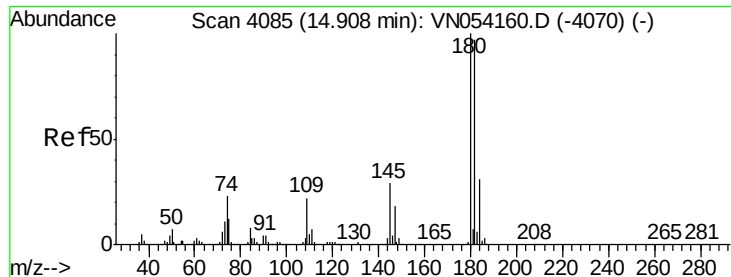


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

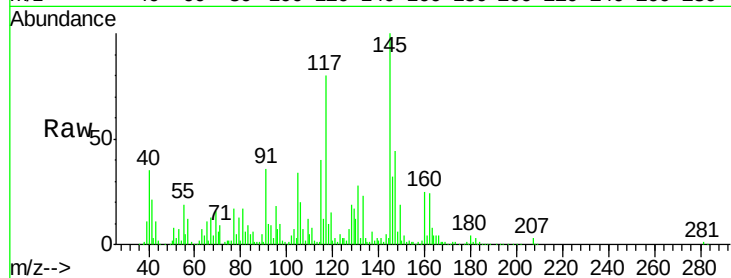




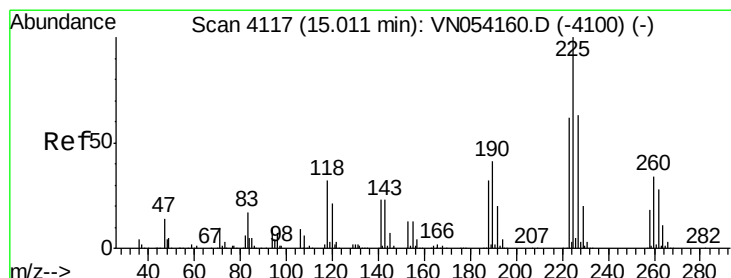
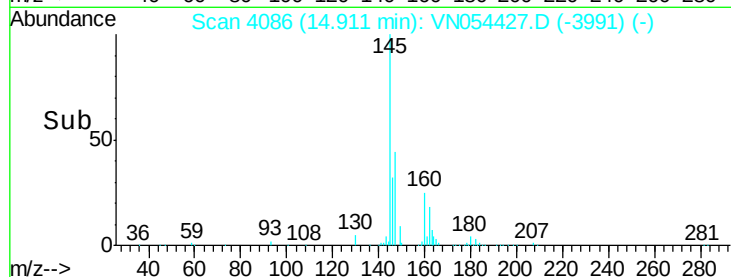
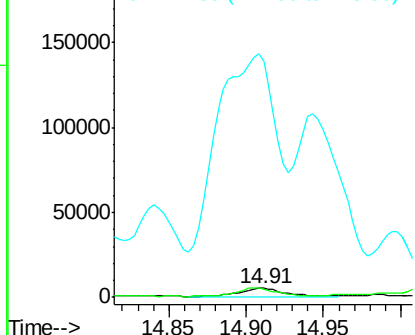
#93
 1,2,4-Trichlorobenzene
 Concen: 2.951 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

Instrument :
 MSVOA_N
 ClientSampled :
 P-1-N.WALL

Tot Ion:180 Resp: 10300
 Ion Ratio Lower Upper
 180 100
 182 82.7 48.0 144.2
 145 3540.7 14.2 42.8#

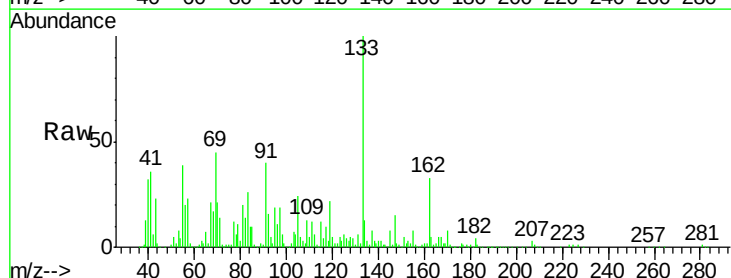


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

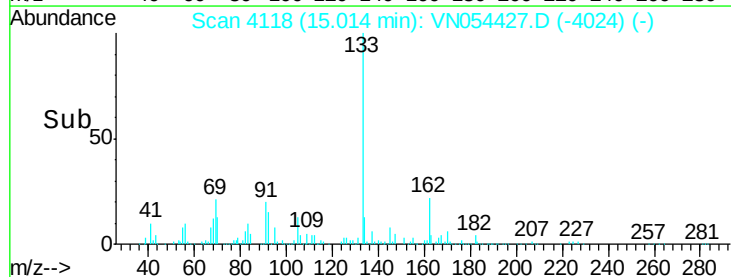
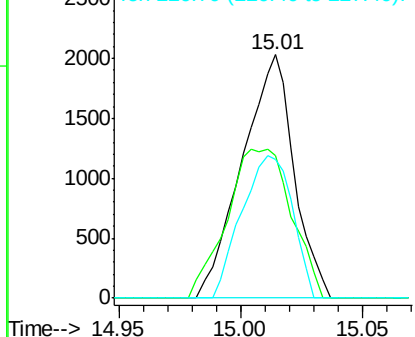


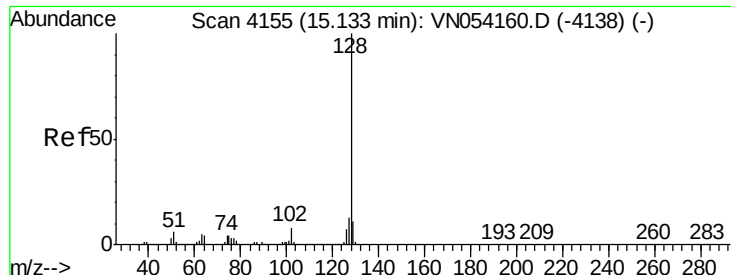
#94
 Hexachlorobutadiene
 Concen: 0.211 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

Tgt Ion:225 Resp: 2995
 Ion Ratio Lower Upper
 225 100
 223 76.3 31.1 93.5
 227 57.2 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 11.610 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Instrument :
MSVOA_N
ClientSampleId :
P-1-N.WALL

Tot Ion:128 Resp: 410318
Ion Ratio Lower Upper
128 100
127 15.0 10.1 15.1
129 8.4 8.7 13.1#

